APPENDIX H

CULTURAL RESOURCES REPORT

GPA 04-06; SP 04-006; R04-013; VTM5381; S04-035, S04-036, S04-037, S04-038; Log No. 04-08-028; SCH No. 2004091166

for the

DRAFT ENVIRONMENTAL IMPACT REPORT

August 2007

Note: This appendix reflects project details current at the time the August 2007 Draft EIR was distributed for public review. As noted in the preface to the March 2009 Recirculated EIR, some project details and analysis have changed since that time and those details are reflected in the Recirculated EIR and appendices.

MERRIAM MOUNTAINS SPECIFIC PLAN

CULTURAL RESOURCES REPORT

July 2007

Prepared for:

DUDEK
605 Third Street
Encinitas, CA 92024

Prepared by:

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CULTURAL RESOURCE REPORT FOR THE MERRIAM MOUNTAINS PROJECT COUNTY OF SAN DIEGO, CALIFORNIA

Volume 1 of 3

Prepared for:
Dudek & Associates

Prepared by:
Gallegos & Associates

July 2007

CULTURAL RESOURCE REPORT FOR THE MERRIAM MOUNTAINS PROJECT COUNTY OF SAN DIEGO, CALIFORNIA

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National Archaeological Data Base Information:
Type of Study: Literature Review, Survey, and Test
Project Area: 2,300 Acres, 10 Linear Miles of Associated Off-Site Improvement Areas, and 11 Intersection Off-Site Improvement Areas
Previously Recorded Sites: CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-9822, and CA-SDI-10747H
Previously Recorded Isolate: SDM-W-3880C
Newly Recorded Sites: CA-SDI-17264 and CA-SDI-17265
Newly Recorded Isolate: P-37-025968
USGS 7.5' Quadrangle: San Marcos
Key Words: Literature Review, Survey, Test, Late Period, Early Period, Habitation Site, Bedrock Milling, Isolate, Pictograph Feature, Cremation, Lithics, Pottery, Mano, Metate, Pestle, Bone, Biface, Shell, Historic, RPO Significant

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July 2007

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* Bound Separately in Confidential Appendix

EXECUTIVE SUMMARY

TITLE:	Cultural Resource Report for the Merriam Mountains Project County of San Diego, California
AUTHORS:	Monica Guerrero, Tracy Stropes, and Dennis R. Gallegos Gallegos & Associates 5671 Palmer Way, Suite A Carlsbad, California 92010 PJ. 41-03
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ABSTRACT:

Gallegos & Associates was contracted by Dudek & Associates to conduct a literature review, record search, field survey, and test of cultural resource sites within the approximately 2,300-acre Merriam Mountains project. This study was conducted in compliance with the County of San Diego and California Environmental Quality Act (CEQA) guidelines.

The field survey included the project area, approximately 10 linear miles of associated off-site improvement areas, and 11 intersection off-site improvement areas. The literature review and record search were positive, identifying eight previously recorded cultural resources (CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-9822, and CA-SDI-10747H), one mapped location for a historic structure on a 1901 USGS map, and one isolate (SDM-W-3880C) within the project area and off-site improvement areas. The field survey was positive, relocating previously recorded sites CA-SDI-4558, CA-SDI-9253, CA-SDI-9822, and CA-SDI-10747H and identifying two new sites (CA-SDI-17264 and CA-SDI-17265) and one isolate (P-37-025968). Sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, CA-SDI-5640, the 1901 historic structure/location, and isolate SDM-W-3880C were not relocated, as they have been either destroyed by previous development, were incorrectly mapped, and/or are located outside of the project area. Ground visibility was poor in areas with dense vegetation along drainages and steep slopes, and fair on knoll tops and valley areas.

As presently planned, sites CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9822, CA-SDI-17264, CA-SDI-17265, isolate P-37-025968, and the 1901 historic structure/location will be directly or indirectly impacted by the proposed development. Sites CA-SDI-9253 and CA-SDI-10747H will not be impacted by the proposed development. Sites CA-SDI-4558 and CA-SDI-9822 have both been identified as significant under CEQA and the County of San Diego Resource Protection Ordinance criteria. As sites CA-SDI-4558 and CA-SDI-9822 are identified as RPO significant sites, the only mitigation measure is avoidance, except for essential public projects. Sites CA-SDI-4558 and CA-SDI-9822 are both located within an off-site improvement area (Deer Springs Road improvements) that is proposed to include public projects (roadway improvement and utilities), and as such, complete avoidance will not be possible. These types of public projects are considered essential and include public use, and are therefore considered exempt from the Resource Protection Ordinance, according to Article V of the Resource Protection Ordinance.

Mitigation of potential direct impacts for site CA-SDI-4558 (portions that may exist within Deer Springs Road and adjacent to the road) will be achieved through either the Proposed At-grade option of data recovery, or the Alternative option of index sampling and site capping with surcharged fill. If the Proposed At-grade is chosen, then the data recovery program will involve the excavation of 35 1x1-m units at CA-SDI-4558 and 100 1x1-m units at CA-SDI-9822, artifact analysis, special studies, and a report of finding. For either the Proposed At-grade or the Alternative, reanalysis of previously collected artifacts (Palomar Community College) will be conducted.

If the Alternative option is selected, the site will be mitigated of potential direct impacts by covering the site with surcharged fill. All road-widening construction shall occur on the fill, rather than on site CA-SDI-4558 to lessen impacts. Mitigation of direct impacts for portions of site CA-SDI-9822 south of, within, and north of Deer Springs Road will be achieved by covering these portions of the site with surcharged fill. All road-widening construction shall occur on the fill, rather than on site CA-SDI-9822 to lessen impacts. Capping should include a permeable geotextile fabric (i.e., Amoco cloth) placed over the site, followed by at least six inches of sterile sand, followed by one to three feet of un-compacted fine-grained soil (i.e., decomposed granite), followed by clean fill soil. It is also necessary that the clean fill soil "feather" out ten feet beyond the defined boundary of the capping area to create a buffer. Utility and irrigation lines will be placed either outside of the archaeological sites or within fill soil. A minimum of 3 ft of fill will be placed between the archaeological site midden (surface) and the utility line(s) for water or sewer. A minimum of 1 ft of fill will be placed between the archaeological site midden (surface) and electrical and/or telephone lines. It is anticipated that through the construction of Deer Springs Road on top of surcharged fill, direct impacts will be lessened and perhaps completely avoided. Examples of capping archaeological sites as a means of mitigation include Moosa Canyon archaeological materials from sites CA-SDI-4807, CA-SDI-4808, and CA-SDI-4556 under Interstate 15, and US Army Corps of Engineers projects as cited in "The Archaeological Sites Protection and Preservation Notebook" (1990). It should be noted that this was the preferred mitigation method recommended by Native Americans who commented on the Moosa Canyon project.

If the Alternative option is chosen, for those portions of CA-SDI-4558 and CA-SDI-9822 that will be impacted by development and preserved/protected through capping, an index sample will be excavated to characterize both CA-SDI-4558 and CA-SDI-9822. The index sampling program will involve the excavation of six 1x1-m units at each site, artifact analysis, special studies, and a report of finding. The index sample program, along with reanalysis of previously collected artifacts (Palomar Community College), will serve as the primary sources of materials for the preparation of technical reports for sites CA-SDI-4558 and CA-SDI-9822.

As no comprehensive report for previous excavations at CA-SDI-4558 or CA-SDI-9822 have been completed, a report of findings using previous work will be prepared for CA-SDI-4558 and CA-SDI-9822. This work will include reanalysis of previously recorded cultural material, and/or additional field and laboratory work necessary to complete a report documenting previous work for these sites.

For the portion of site CA-SDI-4558 that will be indirectly impacted, mitigation of indirect impacts will be achieved through temporary fencing during road construction followed by permanent fencing after road construction. The portion of the site within the open space easement will be cleared of non-native vegetation; however, native vegetation will remain. Non-native trees will be cut down to level with the roots left in place. Non-native grasses and brush will be cleared by hand or by the use of a weed-wacker. The cement foundation will be carefully removed and minor fill capping using clean soil will be used in this area. A one-time hydro seeding with native plant seeds will be conducted. No sprinkler system or watering system will be used to promote native vegetation. For the portion of site CA-SDI-9822 (portions within open space) that will be indirectly impacted by Deer Springs Road improvements, mitigation of impacts will be achieved through temporary fencing and minor capping using clean soil as needed. Minor capping will only cover the surface of the site; however, bedrock milling features to the extent possible will not be capped. Indirect impacts include increased accessibility and the potential for pot hunters/looters. Construction equipment will be directed away from these sites, and construction personnel will be directed to avoid entering the areas.

The 1901 historic structure/location is also identified as significant, as there is strong potential for encountering historic subsurface features (i.e., privy pits, refuse dumps, and architectural foundations) associated with the early historic settlers of the Merriam Mountain area, as well as material remains of later era residents. Such data can provide valuable information on early settlement in north San Diego County. Prior to the construction phase, a pre-grade and data recovery program will be conducted to locate and recover materials from possible dumps and privies representing early settlement in the San Marcos region. A data recovery program is included in Section 12.

Sites CA-SDI-9253, CA-SDI-10747H, CA-SDI-17264 and CA-SDI-17265 were tested and identified as not significant. Sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, and CA-SDI-5640 have been destroyed by development and along with isolates SDM-W-3880C and P-37-025968, are identified as not significant. No further work is

recommended for sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265.

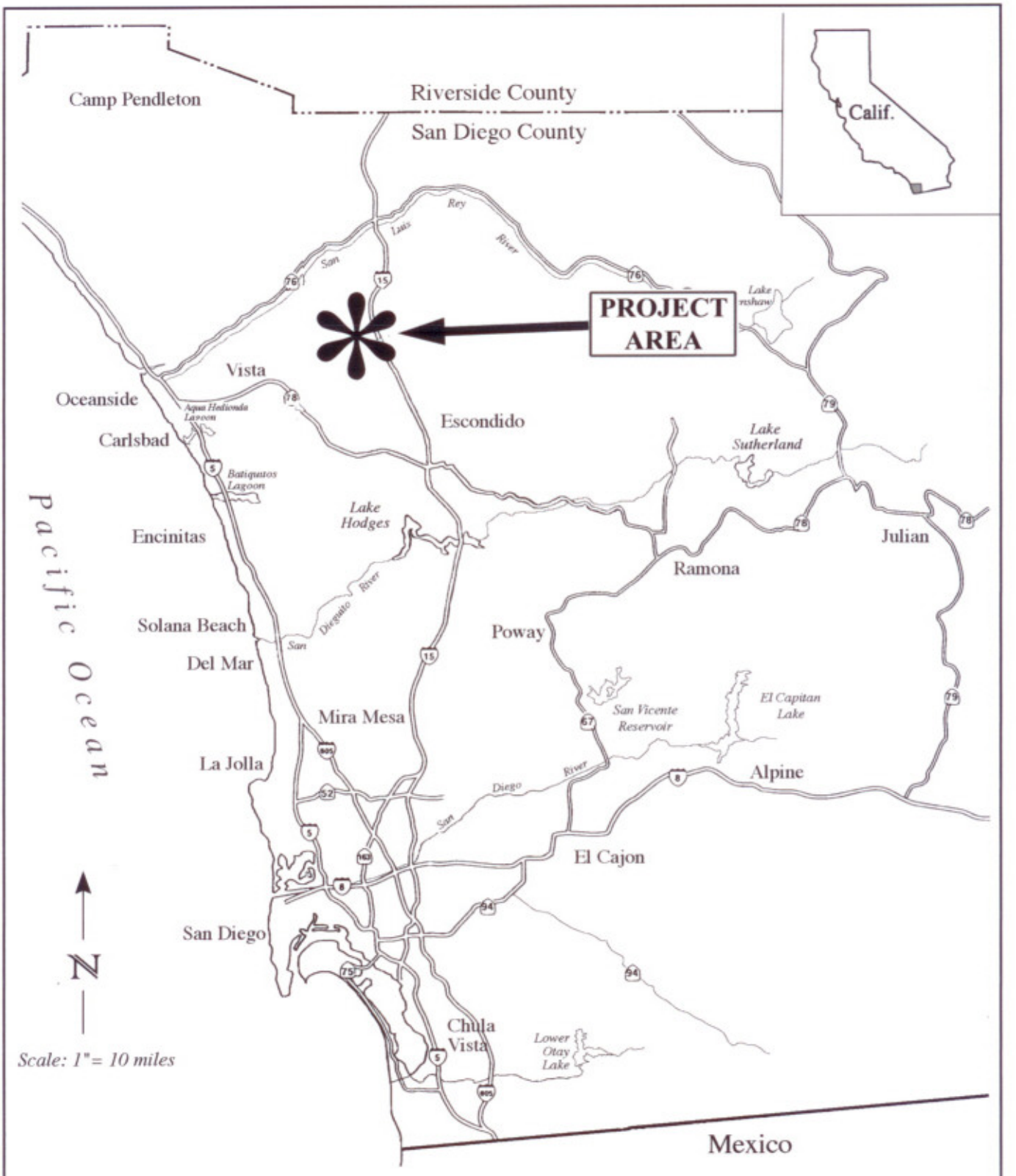
Grading monitoring of the entire project by an archaeologist and a Native American is necessary to ensure that if features (i.e., human remains, hearths) are present, they will be handled in a timely and sensitive manner. All cultural material, except burial-related artifacts and unless otherwise required by law, excavated or removed from prehistoric or historic sites during testing, index sampling, and/or data recovery programs, along with all associated project data, will be permanently curated at a qualified repository as defined by the "State of California Guidelines for the Curation of Archaeological Collections," such as the San Diego Archaeological Center. In addition, collections from previous excavations at sites CA-SDI-4558 and CA-SDI-9822 shall be combined with the collection recovered as a result of the current study and any future extended testing and/or data recovery programs. The curation facility should be a qualified repository as defined by the "State of California Guidelines for the Curation of Archaeological Collections," such as the San Diego Archaeological Center.

SECTION 1
INTRODUCTION

1.1 PROJECT DESCRIPTION

Gallegos & Associates was contracted by Dudek & Associates to conduct a cultural resource study for the Merriam Mountains project and off-site improvement areas. This study included a record search, literature review, and field survey of approximately 2,300-acres within the project area, 10 linear miles of associated off-site improvement areas, and 11 intersection off-site improvement areas. The Merriam Mountains project area is located within the Merriam Mountains of northern San Diego County, and is depicted on the USGS San Marcos and Bonsall 7.5' quadrangles (Figures 1-1, 1-2, 1-3). The project area is bound by Interstate 15 on the east, Deer Springs Road on the south, and Twin Oaks Valley Road on the west, with a small portion of the western edge of the project area traversed by Twin Oaks Valley Road, and the northeast corner of the project area traversed by Lawrence Welk Drive/Lawrence Welk Lane/Buckshot Road. The Merriam Mountains project is proposed for development of a master-planned community integrating residential, commercial, recreation and open space land uses to be developed in four phases over about 10 years. The study was conducted in compliance with the County of San Diego requirements and California Environmental Quality Act (CEQA).

Résumés of key personnel are included in Appendix A; artifact catalogs in Appendix B; Glossary of Terms and Technological Category Abbreviations in Appendix C; STP and unit level record forms in Appendix D; record search results in Appendix E; site record forms in Appendix F; site record updates in Appendix G; and Native American correspondence in Appendix H.



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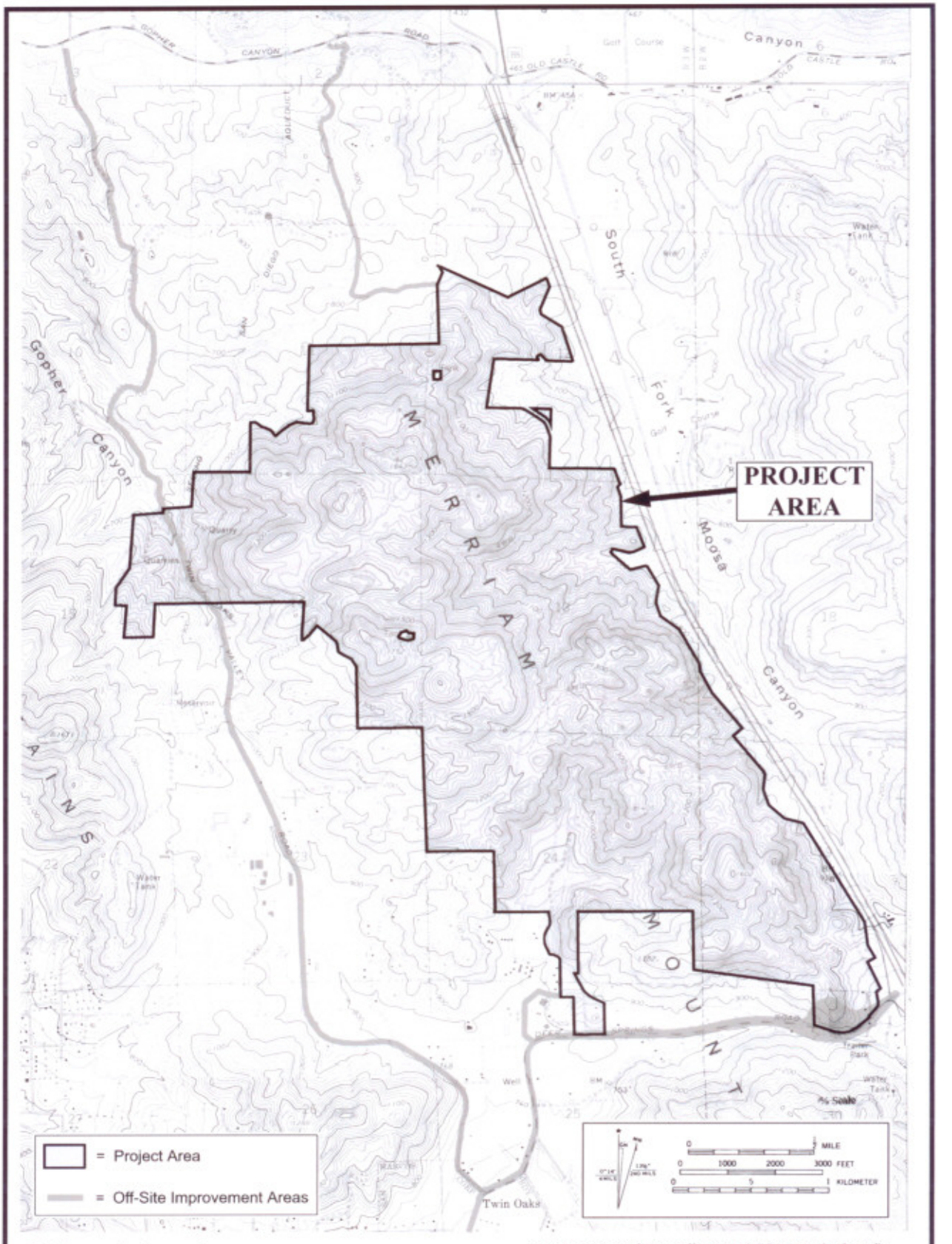
Regional Location of Project	**FIGURE 1-1**



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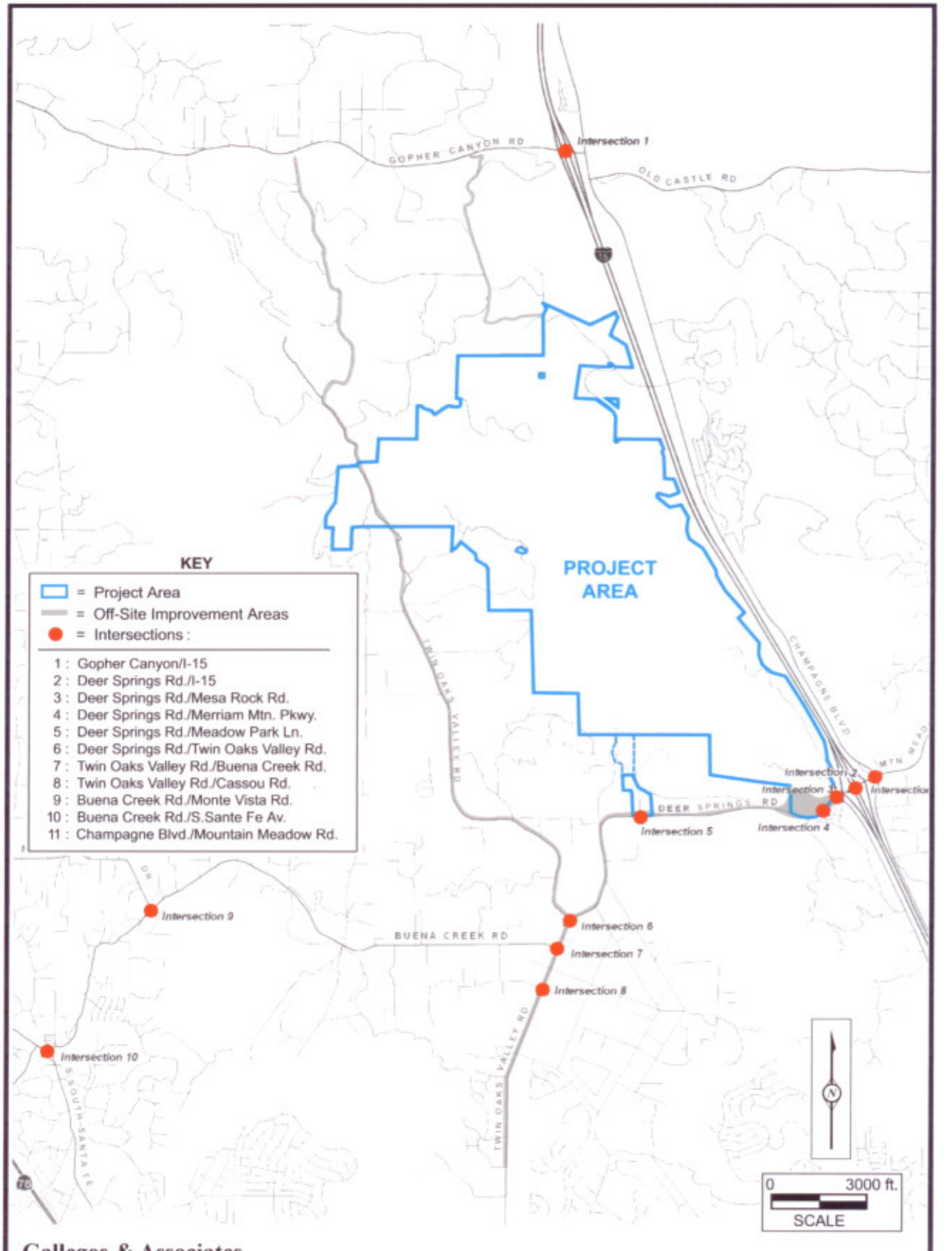
San Marcos and Bonsall 7.5' USGS Maps (reduced)

Project Area and Off-Site Improvement Areas Shown on USGS Map

FIGURE 1-2



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Project Area and Additional Off-Site Improvement Areas

FIGURE 1-3

1.2 ENVIRONMENTAL SETTING

The project area includes the Merriam Mountains and is bordered by Interstate 15 and Twin Oaks Valley Road on the east and west, respectively. Lawrence Welk Drive/Lawrence Welk Lane/Buckshot Road and Deer Springs Road border the north and south project boundaries, respectively. The terrain of the project area consists of undeveloped mountain ridges, drainages, and valleys. The geology of the region consists of Jurassic marine sedimentary and metasedimentary rocks and Mesozoic granitics (Kennedy and Tan 1996). Quaternary alluvial and colluvial deposits are also present. Granitic rock outcrops and boulders, common within the region, were frequently used by Native Americans for grinding plant and animal parts as evidenced by grinding slicks and bedrock mortars.

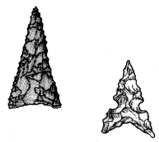
1.3 BACKGROUND - PRECONTACT

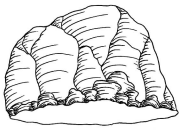
The body of current research of Native American (Precontact) occupation in San Diego County recognizes the existence of at least two major cultural traditions, discussed here as Early Period/Archaic and Late Period, based upon general economic trends and material culture (Table 1-1). Within San Diego County, the Early Period/Archaic includes the period from 10,000 to 1,300 years ago, while the Late Period is from 1,300 years ago to historic contact. The Post-contact/Historic Period covers the time from Spanish contact to present. Terminology used for the past 10,000-year history of San Diego County includes a mixture of ideas of ordering archaeological sites using terms for peoples, collections of artifacts, and temporal time frames. The first ordering was by Malcom Rogers who used the terms: Shell Midden People, Scraper Makers, and Yuman. He later revised his chronology to use the terms San Dieguito (Scraper Makers), La Jolla (Shell Midden People) and Yuman. Claude Warren characterized the San Dieguito Tradition as:

> ...a wide range of scraper types made on side-struck flakes and finished by well-controlled percussion flaking, leafshaped knives or large points of several varieties, leafshaped, lanceolate and slightly shouldered points in small number. Chipped stone crescents, often eccentric in form,

Table 1-1
Terminology for Culture History in the San Diego Area
(Adapted from Gallegos 2002)

Geologic Time	Period	Years Before Present	Other Names	Diagnostic Cultural Material
Late Holocene	Late Period	Present	Historic/Contact Precontact/Yuman Kumeyaay/Luiseno Cuyamaca Complex San Luis Rey I,II	Bow and arrow, small triangular and side-notched points, fish hooks, ceramics, Obsidian Butte obsidian, cremations
		1,300		
	Early Period (Archaic)	2,000		Stone bowls, triangular points, fishing gorges, burials
		3,000		
Middle Holocene		4,000		Atlatl (dart) points, cogged stones, plummet stones, leaf-shaped points/knives, corner-notched and stemmed points, Coso Obsidian, gorges, burials
		5,000		
		6,000		
Early Holocene		7,000	Pauma Complex Encinitas Tradition La Jolla Complex	Spear, crescents, lanceolate and leaf-shaped points, leaf-shaped knives, adze/SEUTs, Casa Diablo and Coso obsidian, burials
		8,000		
		9,000		
		10,000	San Dieguito Tradition/Complex	





> hammerstones and crudely flaked tools are few in number. Milling stones and manos are noticeable absent (Warren 1968).

Warren's revision to Rogers' La Jolla Complex, was called Encinitas Tradition, "a simple gathering people" wherein he identifies:

> ...flaked stone tools are characteristically crude, the great majority being percussion flaked and made from local macrocrystalline rock. A large percentage of the tool assemblage is composed of crude chopping, scraping and cutting tools and hammerstones. Projectile points are rare, crudely made and rather large, suggesting the use of darts, rather than bow and arrow. Ground stone items include large numbers of manos and milling stones usually shaped through use, and occasional items such as doughnut stones, discs and cogstones...Bone tools are rare but include awls, antler flakers, beads...Shell items are also limited, but include beads, pendants...Basketry is represented...Loosely flexed burials are found throughout the area... (Warren 1968).

Warren has more recently updated his chronology, and for the San Dieguito Tradition (Initial Occupation) has since included milling tools and a wider range of tools and food sources, and now discusses the potential of Transitional and intermediate stages of occupation to cover the past 10,000 years of Native American occupation in San Diego County (Warren 1998). Early Man in San Diego County was discussed by George Carter in the 1950s; however, little to no evidence of Pleistocene human occupation supports this hypothesis (Carter 1957).

1.3.1 Early Period/Archaic

The Early Period/Archaic includes the San Dieguito, La Jolla, and Pauma complexes, which are poorly defined, as are the interrelationships between contemporaneous inland, desert, and coastal assemblages (Gallegos 1987). Initially believed to represent big game hunters, the San Dieguito people are better typified as a hunting and gathering society. These people had a relatively diverse and non-specialized economy wherein relatively mobile bands accessed and used a wide range of plant, animal, and lithic resources. Movement of early groups from the California desert may have been spurred by the

gradual desiccation of the vast pluvial lake system that dominated inland basins and valleys during the last altithermal period. This hypothesis is supported by the similarity between Great Basin assemblages and those of early Holocene Archaic sites in San Diego County. Several researchers recognized the regional similarity of artifacts and grouped these contemporaneous complexes under the nomenclature of either the Western Pluvial Lakes Tradition or the Western Lithic Co-tradition (Bedwell 1970; Davis et al. 1969; Moratto 1984; Rogers 1939; Warren 1967).

Early migrations of people into San Diego County may have come from the north. Recent work on the north Channel Islands near Santa Barbara demonstrates island occupation dating back to the terminal Pleistocene, almost 12,000 years ago (Erlandson et al. 1996; Johnson et al. 2000). At this early date, a fully maritime-adapted population exploited shellfish and used seaworthy boats to ply channel waters. Fish were captured using bone gorges by 10,000 years ago (Rick et al. 2001). Such early dates are lacking for the adjacent Santa Barbara mainland; presumably because the rise in sea level brought about by post-Pleistocene deglaciation would have inundated sites along the late Pleistocene/early Holocene coastlines. At this time in San Diego County, the shoreline stood two to six km farther seaward than today's coast (Masters and Gallegos 1997). Therefore, any evidence for early coastal adaptation coeval with that of the north Channel Islands may have been destroyed within this two to six km paleo-shoreline area by sea encroachment thousands of years ago.

The origin of coastal populations in San Diego County and subsequent interaction between these populations and Great Basin/desert groups is a subject of some debate (Gallegos 1987). Whether coastal or inland migration into San Diego County, the first occupants immediately exploited coastal and inland resources of plants, animals, shellfish, and fish (Gallegos 1991; Moriarty 1967; Kaldenberg 1982; Kyle et al. 1998).

The development of a generalized economic system indicates that the San Dieguito people and related groups can be placed within the general Archaic pattern. Archaic cultures occur within North America at slightly different times in different areas, but are

generally correlated with local economic specialization growing out of the earlier Paleo-Indian Tradition (Willig et al. 1988). Archaic cultures are often represented by more diverse artifact assemblages and more complex regional variation than Paleo-Indian traditions. This is generally thought to have resulted from the gradual shift away from a herd-based hunting focus to a more diverse and area specific economy.

The earliest cultural resource sites are found near coastal lagoons and river valleys of San Diego County. These sites are the Harris Site (CA-SDI-149), Agua Hedionda sites (CA-SDI-210/UCLJ-M-15 and CA-SDI-10695), Rancho Park North (CA-SDI-4392/SDM-W-49), and Remington Hills (CA-SDI-11069), dating from 9,500 to 8,000 years ago. The north San Diego County coastal lagoons supported large populations circa 6,000 years ago, as shown by the numerous radiocarbon-dated sites adjacent to these lagoons. After 3,000 to roughly 1,500 years ago, there are fewer cultural resource sites in north San Diego County. This reduction in number of sites can be attributed to the slowing of the rise in sea level and concomitant siltation of coastal lagoons causing the depletion of shellfish and other lagoon resources (Gallegos 1985; Miller 1966; Warren and Pavesic 1963). Cultural resource sites dated to circa 2,000 years ago are found in the Camp Pendleton area (Byrd and Reddy 2002) and closer to San Diego Bay, where shellfish were still abundant and may well represent what can be considered the end of the La Jolla Complex (Gallegos and Kyle 1988).

The La Jolla and Pauma complexes, which are referred to as following the San Dieguito Complex, may simply represent seasonal or geographic variations of the somewhat older and more general San Dieguito Complex. Inland Early/Archaic Period occupation sites have been reported in coastal settings, transverse valleys, sheltered canyons, benches, and knolls (True 1958; Warren et al. 1961). In north San Diego County, non-coastal sites were termed “Pauma Complex” by True (1958, 1980), and were defined as containing a predominance of grinding implements (manos and metates), a general lack of shellfish remains, a greater tool variety, and express an emphasis on both gathering and hunting (True 1958, 1980; Warren et al. 1961; Waugh 1986).

Early Period/Archaic sites from 10,000 to 1,300 years ago within San Diego County include a range of sites to include coastal and inland valley habitation sites, inland hunting and milling camps, and quarry sites, usually in association with fine-grain metavolcanic material. Material culture assemblages during this long period are remarkably similar in many respects. These deposits may well represent a process of relative terrestrial economic stability and presumably slow cultural change. Although various culture traits developed or disappeared during the long span of 10,000 to 1,300 years ago, there is a clear pattern of cultural continuity during this period.

1.3.2 Late Period

During the Late Period (circa 1,300 to historic contact), a material culture pattern similar to that of ethnohistorically documented Native Americans first becomes apparent in the archaeological record. The economic pattern during this period appears to be one of more intensive and efficient exploitation of local resources. The prosperity of these highly refined economic patterns is well evidenced by the numerous Kumeyaay/Diegueño and Luiseño habitation sites scattered throughout San Diego County. This increase in Late Period site density probably reflects both better preservation of the more recent archaeological record and a gradual population increase within the region. Artifacts and culture patterns reflecting this Late Period pattern include small projectile points, pottery, the establishment of permanent or semi-permanent seasonal village sites, a proliferation of acorn milling sites in the uplands, the presence of obsidian from the Imperial Valley source Obsidian Butte, and interment by cremation.

Luiseño occupation in north San Diego County during the late Holocene has been viewed as an occupation that migrated from the desert to the coast (Rogers 1966), an incursion termed “the Shoshonean Wedge” (Kroeber 1925). Late Period culture patterns were shared with groups along the northern and eastern periphery of San Diego County, incorporating many elements of their neighbors’ culture into their own cultures. This transference and melding of cultural traits between neighboring groups makes positive

association of archaeological deposits with particular ethnographically known cultures difficult. This is particularly true of the groups within San Diego County. Although significant differences exist between Luiseño and Kumeyaay/Diegueño cultures (including linguistic stock), the long interaction of these groups during the Late Period resulted in the exchange of many social patterns. Archaeologists must rely heavily on ethnographic accounts of group boundaries as recorded during the historic period, although it is not known how long these boundaries had been in place or the validity of these boundaries as presently reported.

Kroeber (1925) placed the boundary between the Luiseño and Kumeyaay as situated between Agua Hedionda and Batiquitos lagoons. According to Luomala (1978) the territory of the Ipai (northern Kumeyaay) extended along the coast from the San Luis Rey River in the north to San Diego Bay in the south with San Felipe Creek marking the eastern boundary. The territory of the Tipai (southern Kumeyaay) extended south from San Diego Bay to include parts of Mexico and the southern mountains. Florence Shipek (1993) identified the northern and southern Kumeyaay/Diegueño tribal boundary as:

> In 1769, Kumeyaay national territory starting at the coast about 100 miles south of the Mexican border (below Santo Tomas), thence north to the coast at the drainage divide south of the San Luis Rey River including its tributaries. Using the U.S. Geological Survey topographic maps, the boundary with the Luiseño then follows that divide inland. The boundary continues on the divide separating Valley Center from Escondido and then up along Bear Ridge to the 2240 contour line and then north across the divide between Valley Center and Woods Valley up to the 1880-foot peak, then curving around east along the divide above Woods Valley...(Shipek 1993).

Further readings pertinent to the Luiseño and Kumeyaay/Diegueño Native Americans include: Almstedt (1974); Barrows (1900); Bean (1972); Bean and Saubel (1972); Bean and Shipek (1978); Burrus (1967); Cuero (1968); Drucker (1939); Dubois (1908); Gifford (1918); Harrington (1978); Hedges and Beresford (1986); Heizer and Almquist (1971); Heizer and Whipple (1957); Hooper (1920); Keneally (1965); Kroeber (1925); Langdon (1970); Merrill (1973); Pourade (1960); Priestley (1937); Rudkin (1956); Shipek (1977, 1980, 1986a, 1986b, 1987, 1988, 1989a, 1989b, 1991, 1993); Sparkman

(1908); Spicer (1962); Spier (1923); Strong (1929); Tibesar (1955); Underhill (1941); White (1963); Wolcott (1929); and Woodward (1934).

1.4 HISTORICAL BACKGROUND

The history of San Diego County is commonly presented in terms of Spanish, Mexican, and American political domination. A discussion of historic land use and occupation under periods of political rule by people of European and Mexican origin is justified on the basis of characteristics associated with each period, when economic, political, and social activities were influenced by the prevailing laws and customs. Certain themes are common to all periods, such as the development of transportation, settlement, and agriculture. Robinson (1969) provides a comprehensive account of public and privately owned land in California, with a discussion of laws, activities and events related to the development of the state.

1.4.1 Spanish Period (1769-1821)

The Spanish Period represents exploration, the establishment of the San Diego Presidio and missions at San Diego (1769) and San Luis Rey (1798), and *asistencias* (chapels) to the San Diego Mission at Santa Ysabel (1818) and to the San Luis Rey Mission at Pala (1816). Horses, cattle, agricultural foods and plant seeds, and a new architectural style and method of building construction were also introduced. Spanish influence continued after 1821 when California became a part of Mexico. For a period of time under Mexican rule, the missions continued to operate as in the past, and laws governing the distribution of land were also retained.

1.4.2 Mexican Period (1821-1848)

The Mexican Period includes the initial retention of Spanish laws and practices until shortly before secularization of the missions in 1834, a decade after the end of Spanish rule. Although several grants of land were made prior to 1834, vast tracts of land were

dispersed through land grants offered after secularization. Cattle ranching prevailed over agricultural activities, and the development of the hide and tallow trade increased during the early part of this period. The Pueblo of San Diego was established and transportation routes were expanded. The Mexican Period ended in 1848 as a result of the Mexican-American War.

1.4.3 American Period (1848 to Present)

The American Period began when Mexico ceded California to the United States under the Treaty of Guadalupe Hidalgo in 1848. Terms of the treaty brought about the creation of the Lands Commission, in response to the Homestead Act of 1851 that was adopted as a means of validating and settling land ownership claims throughout the state. Few Mexican ranchos remained intact because of legal costs and the difficulty of producing sufficient evidence to prove title claims. Much of the land that once constituted rancho holdings became available for settlement by immigrants to California. The influx of people to California and the San Diego region resulted from several factors including the discovery of gold in the state, the conclusion of the Civil War, the availability of free land through passage of the Homestead Act, and later, the importance of San Diego County as an agricultural area supported by roads, irrigation systems, and connecting railways. The growth and decline of towns occurred in response to increased population and the economic boom and bust cycle in the late 1800s.

1.4.4 Local History of the Merriam Mountains (by Susan Bugbee)

The Merriam Mountains were named after Major Gustavus French Merriam, the first settler of the Twin Oaks community in north San Diego County. He possessed an impressive heritage, as his relatives included Charles and George Merriam, publishers of the Merriam-Webster Dictionary. The Merriams of his grandfather's generation were Yale graduates and served in the Revolutionary War. His father, Ela Merriam, had fought in the War of 1812, eventually attaining the rank of brigadier general. In 1819, Ela married Lydia Sheldon and they had eleven children. Gustavus, born in 1835, was

their eighth child. He grew up on the family's prosperous dairy farm in upstate New York. He was an intelligent boy and did well scholastically (Quinn 1907).

Gustavus Merriam's parents encouraged all of their children, both the boys and the girls, to attend college. Merriam chose to attend the U.S. Naval Academy at Annapolis, where he began his studies in 1854. As a result of a broken eardrum, he took a medical leave during his third year of school at the academy and ventured to Kansas, obtaining employment as a township clerk until the Civil War began.

Merriam enlisted in Syracuse and joined the Third New York Volunteers as a First Lieutenant. His first assignment included being in charge of several forts in and around Washington, D.C. In addition, he was sent to North Carolina to train twelve batteries for service in the war. In 1862, he was promoted to Major and his next tour of duty was performed at Maryland Heights, opposite Harper's Ferry where troops had been placed to defend Washington, D.C. Later, Merriam's daughter, Virginia, recalled her father's tale of displeasure with the assignment because it lacked excitement. One day, General Grant arrived at the camp and personally expressed to Merriam that his specialized knowledge and ability with heavy artillery was needed there (Perkins 1966) (Figure 1-4). In 1908, he was still writing to some of his civil war comrades, such as Admiral Dewey, a classmate of his at the academy. Other classmates included Col. Davies, who later joined the Confederate army, and Major Beaumont, who joined the Union (*The San Diego Union*, 27 September 1908, p.20).

Near the end of the war, Merriam was transferred to the Washington, D.C. area where he met Mary Elizabeth (Nina) Scott at a party. Scott had grown up on a plantation in the Shenandoah Valley of Virginia, and was engaged in tutoring children in French. The couple was married in Washington, D.C. in July of 1863, and over the course of their marriage they had six children: Edwin, Nina Helen, Anna Teresa (who died at the age of 3), Henry Scott, Wallace Webster and Bertha Virginia (Quinn 1907; Perkins 1966).

Photograph Courtesy of the San Marcos Historical Society

Gallegos & Associates

Photograph of Gustavus Merriam (undated)	**FIGURE 1-4**

In the late 1860s, Merriam, his wife, and their first-born son Edwin (Edwin had been born in Washington, D.C.) moved to Topeka, Kansas, where Gustavus worked as a "dealer in dry goods (1868, 1870); a [wheat] farmer (1871); a coal dealer (1872); and as a partner in a coal, feed and lime dealership (1874)" (Kimbro n.d.). Nina Helen, Anna Teresa and Henry Scott (Harry) were born in Kansas. Mrs. Merriam's health was fragile, and her doctor recommended the family relocate to a milder climate, such as southern California. Merriam made his first trip to San Diego County with his 10-year old son Edwin in 1874, and identified the area where he would build a house and plant a garden and groves. Merriam planned to farm in southern California, a trade he had learned well as a child, and had engaged in while living in Kansas. Additionally, Merriam planned on beekeeping. In August of 1875, he brought the whole family to southern California and homesteaded 160 acres. The homestead was located eight miles northwest of Escondido, in Section 25 of Township 11 South, Range 3 West and adjacent to the Couts family's Vallecitos de San Marcos Rancho. Merriam named the area "Twin Oaks" for the prominent large double oak on his property (Figure 1-5). The two youngest children, Wallace and Bertha, were born in 1877 and 1878 respectively, at Twin Oaks (Lindenmeyer 1978a). The 160-acre homestead is located adjacent to, but outside of the Merriam Mountains project area.

In the 1870s, the Vallecitos de San Marcos Rancho was owned by the Couts family living at Rancho Guajome. The property was constantly in a state of legal upheaval with various factions challenging ownership. In 1886 "the California State Supreme Court reach[ed] a decision in *Burroughs vs Ysidora Couts* which allowed the Couts estate to dispose of the property" (Bollinger 1976). Additionally, "Ysidora also had to wage a constant battle against the encroachment of her property by squatters. This problem continued for many years after the settlement of the lawsuit" (Bollinger 1976). Within the Couts family, feuding over land rights and inheritance also occurred.

Upon arriving to the valley, Major Merriam had his share of difficulties with the Couts family over his right to settle on the land. Henry Merriam recalled that:

Photograph Courtesy of the San Marcos Historical Society

Gallegos & Associates

Merriam Homestead, North Twin Oaks Valley, *Circa* 1880s

FIGURE 1-5

> …about four days after our family settled on the Twin Oaks homestead four vaqueros rode up, all with Winchesters across their saddles, and gave us four hours to get out of the country. Father had had some field engineering experience and replied that he was not on their land; he had surveyed it and knew where his lines were. They rode off and did not try to molest us in that manner (*The San Diego Sun* 7 August 1926; Carroll 1975).

However, the Merriam family had the occasional herd of cattle trample through their fields and groves.

In 1880, the Goodwin family moved in "next door" to the Merriam Ranch in Twin Oaks. Richmond Goodwin was one year old when his family arrived to live at Twin Oaks for the next seven years. Goodwin recalls, "Father had one hundred forty-five acres there and he raised wheat, corn and hogs mostly. We had no vineyard or orchard and we just had milk cows for the family" (Hastings 1960).

About the same time, John and Mary Harrison homesteaded 160 acres in the north Twin Oaks valley. John raised bees, as did Merriam, because this industry did not require irrigation and water was scarce. Four of the six Harrison children were born in Iowa prior to the family's move to Twin Oaks. The fifth child, Hiram, was reputedly born in 1885 in the bee house, which served as the family's home until a house could be built. A sixth child died at birth and is buried on the Harrison ranch. The Harrison estate eventually grew to 320 acres (Lindenmeyer 1978b).

In 1881, the local residents met and formed a school district and elected a board of trustees. By 1883 or 1884, Merriam built a schoolhouse on his land and the first schoolteacher arrived from Tustin. Until this time, the children had been schooled at home. In the early 1890s, a larger school building was constructed on Deer Springs Road. This edifice served both as school and community center until 1943 when it closed (San Diego Historical Society n.d.; Perkins 1976).

In 1887, over a decade after Merriam settled at Twin Oaks, "the lands of Los Vallecitos de San Marcos were opened for settlement…and the town of San Marcos was established on the Escondido branch of the Santa Fe railroad" (Brackett 1960). Four small communities sprang up in the San Marcos valley during the next fifteen years. Barham, a 640-acre townsite located just south of San Marcos proper, was established in 1883 under the direction of J.H. Barham. Within one year, the town consisted of a store, a blacksmith shop, and a newspaper. A second area of development occurred three miles west of the current center of San Marcos, under the direction of banker Jacob Gruendyke and his associate W.G. Jacobs, who sold parcels of land for the San Marcos Land Company (Carroll 1975). To the north and east respectively, the neighborhoods of Twin Oaks and Richland grew. During the "boom" of the mid-1880s, a great influx of settlers to the area created a swell in the north San Diego County population.

Merriam had already established himself as a beekeeper when he ventured into the vineyard business. The growing of grapes had become the new agricultural interest in the Escondido area, and Merriam planted vines in hopes of producing raisins. He received his first cuttings from France. Discouraged by the difficulty of drying the grapes, Merriam decided to try producing wine and began his own winery. As one of the area's early vintners, he produced wine and brandy (Enges-Maas n.d.; Carroll 1975). In addition, he maintained his apiary business with 600 stands of bees sent from Topeka, Kansas. Merriam's honey was shipped to Australia and San Francisco in 25-gallon pine barrels and the wine was sent around the Horn and sold on the East coast (Lindenmeyer 1978a). He also had stands in Fallon, Nevada (Perkins 1966). He was a meticulous man and kept copious notes on weather and rainfall, information he provided to government agencies. Merriam hired both Native Americans and German immigrants that had migrated to Olivenhain from Chicago. Jacob Uhland and George Oden worked for Merriam prior to taking up homesteads in the Twin Oaks valley (Lindenmeyer 1978a; San Diego Historical Society n.d.). On January 17, 1888, Merriam's wife, Nina, died of consumption at Twin Oaks. She was 42 years old. Mrs. Oden had taken care of Nina when she became bedridden (*Escondido Times-Advocate* 19 January 1888, p.3).

Merriam had a long and close relationship with his older brother, Clinton, who was Merriam's senior by eleven years. Clinton had been a financial support to his younger brother and the two men kept in touch through numerous letters. Clinton owned a dry goods importing business in New York City and contributed much to the city's political arena. He eventually ran for congress on the Republican ticket, won, and was then re-elected for a second term. Clinton Merriam knew many prominent people. In 1889, on a trip to visit his friend John Muir in northern California, Clinton visited his brother's place at Twin Oaks with his daughter Florence. Impressed with the location, Clinton purchased land adjacent to his brother's homestead and gave Gustavus the charge to build a house that endearingly became known as "La Mesita." Clinton and Florence returned to Twin Oaks in 1894. Clinton stayed only a few months, returning to Washington, D.C. take care of business. Florence, a young lady of 25, stayed longer and authored books on the natural surroundings of Twin Oaks and her experiences there. As a graduate of Smith College, Florence intended to become a writer. She was influenced greatly by her older brother, C. Hart Merriam, an ornithologist and later the first Chief of the U.S. Biological Survey. Together with her naturalist's interest in birds and her talent for writing, Florence produced her observations at Twin Oaks in *A-Birding on a Bronco*. "Her notes were detailed and precise, and they form one of the earliest records of live western birds" (Kimbro n.d.).

Gustavus Merriam remarried to Mrs. Augusta M. Koch in 1892. Koch had one grown son, a graduate of the University of California at Berkeley, and a high school teacher in the San Francisco area (Quinn 1907). They continued to live at the Merriam Ranch for the next 20 years. When a team of state surveyors mapped the area in 1898, they named the chain of mountains to the north of his ranch the Merriam Mountains (San Diego Historical Society n.d.).

In the early 1900s, when the county of San Diego experienced growth in population, it was popular for writers and columnists to showcase the outlying communities. The following vignette appeared in a 1908 article of the *Escondido Times-Advocate*:

> One of the prettiest of valley drives is out to Twin Oaks, eight miles away (from Escondido). The landscape is enchanting – all along the way. Viewed from every angle the groves and hills, the fields and homes are good for sickness and death to the blues. Away at the head of a little valley which God must have taken pains in making and where man has helped made every prospect to please, stand two giant live oaks that were hundreds of years old when Columbus first beheld the shores of the new world. They stand on the beautiful possession of Major G. F. Merriam, a New York veteran of the civil war, who nearly thirty-five years ago left his store at Topeka, Kansas and erected here his family altar. He was sixteen miles from a post office, forty miles from the San Diego seaport and hundreds of miles from a railroad. He came to increase the years of so afflicted helpmeet, and has been blessed in happiness and in store. His vineyards, his groves, his fields and his herds have flourished as the old veteran has grown with the years in the love and confidence of those who have occupied this and kindred valleys (*Escondido Times-Advocate* 6 March 1908, p.3).

Meanwhile, Merriam's children grew up. Edwin, at the age of 21, homesteaded 160 acres adjacent to his father's ranch and later married Katherine Keyes. Helen graduated from Columbia University in New York. Harry attended business college in Los Angeles and San Diego. The two youngest children, Wallace and Virginia, attended Coronado High School after completing 9th grade in Twin Oaks. They both graduated high school in 1896, and attended the University of California at Berkeley (Perkins 1966).

In 1905, Merriam's daughter, Virginia, started a boarding school for boys. The "Twin Oaks Ranch School" catered to the wealthy and was in business for about 10 years. The *Escondido Times-Advocate* wrote about the school in 1908:

> Under the monster oaks on his farm is a school so unique as to deserve passing mention. It is for boys under fifteen years of age. Its curriculum includes camping trips, pony riding, safe and sane out-of-door life generally, wholesome diet, expurgated moral atmosphere and genial home influences. One hundred dollars a month is the tuition, with fifty dollars per quarter additional for saddle horse. The School has wrought wonders in the lives of city boys denied a fair start in physical capital. The teachers are Miss Virginia Merriam, daughter of the pioneer and Miss Margaret Marsh-Parker, of an honored New York family. Both are highly educated, but as unaffected and natural as possible, devoted to their work and in love

> with their life near to Nature's heart (*Escondido Times-Advocate* 6 March 1908, p.3).

A young man, Thomas Colby, who came from Detroit to attend the school in 1910, returned 30 years later to take up residency in north San Diego County (Perkins 1966).

In 1913, the 78-year-old Merriam and his second wife retired to Los Angeles. In January 1914, he was struck by a car and died within a short time, never having regained consciousness. It is thought that the elderly Merriam, who was at the time quite deaf, did not hear the car coming (*Escondido Times-Advocate* 26 January 1914, p.1).

Merriam's son Wallace became a mining engineer and moved to Mexico (Quinn 1907). In 1918, Henry Scott (Harry) Merriam, along with his wife and two sons, moved to their ranch in Holtville for a couple of years, leasing the Twin Oaks ranch to Otto Groschopp (*Escondido Times-Advocate* 25 October 1918, p.1). Upon returning to the Twin Oaks ranch, he was active in community affairs. In 1923, the Vista Irrigation District was formed and Harry became the first president of the group.

Merriam's grandson, Sheldon, built a large adobe house on the Twin Oaks property in the 1940s, where Sheldon's two children grew up. Sheldon continued to acquire additional acreage until the ranch totaled over 500 acres. On the land, he cultivated hay, grain, grapes and oranges. In 1975, Sheldon died at his adobe home. Sheldon's son, Richard, had joined his father in the agriculture business and continued to grow proteas, oranges, lemons and avocados after Sheldon's death (Enges-Maas n.d.; Weiss 1978). The historic redwood home that was built by Gustavus Merriam in 1889, was inherited by his great-grandson, Robert Merriam, a free-lance writer and citrus farmer. In 1982, Robert restored the 1,700-square-foot home after many years of being used as a rental (Schlesinger 1982).

- **German Immigrants to Twin Oaks**

In 1880, the Kimball brothers of National City purchased Rancho Encinitas consisting of over 4,000 acres. They advertised the property throughout the East and Midwestern United States, drawing a large German population from Denver and Chicago to north San Diego County. These settlers arrived in 1884 and 1885, and did not find the rich farmland promised, but rather property covered with dry brush and a scarcity of water. For income, the settlers sought work at the outlying ranches. From Olivenhain, the new German community, several settlers were directed to seek work from Gustavus Merriam. Jacob Uhland walked 16 miles to the Merriam ranch and was immediately hired. George Oden did the same, leaving his family in an old adobe barn shared with other families. Oden, who arrived in north San Diego County in 1884, was encouraged by Merriam to homestead 160 acres in Twin Oaks with an old shack on it that had not been 'proved up' (Lindenmeyer 1978a). Uhland came to Olivenhain in 1885, and settled on land to the east of Merriam, which later became known as Uhland Canyon, until a deer was shot there and the local folks started calling it Deer Springs.

Another early settler to the area, Peter Cochems, arrived at Olivenhain in 1885 and then moved to Twin Oaks in 1887. Initially, Cochems built a small house and barn, but in 1902 had a large two-story farmhome erected on his 40-acre homestead (Figure 1-6). Cochems was a skilled baker and cigar manufacturer from Kochem, Germany. He had met and married his German-born wife Anna in Chicago, where their five children were born (Figure 1-7). Because of labor troubles in Chicago, Cochems gave up his cigar business and moved the family to a "Socialist community, called Olivenhaim" (San Marcos Historical Society n.d.). Becoming disgruntled with the community, the Cochems moved to Twin Oaks. Cochems and his two sons, Edgar and Oscar, dry-farmed the land and raised hay and oats. His ranch was the furthest north in the Twin Oaks valley at the time. Cochems died in 1912 at the age of 67 and is buried at the San Marcos cemetery. One of his sons sold the property shortly after his death.

Peter Cochems' First House (undated)

Anna and Peter Cochems (undated)

Gallegos & Associates

Photographs Courtesy of the San Marcos Historical Society

Historical Photographs; Cochems

FIGURE 1-6

Cochems House with "Bee Mtn." in Background, *Circa* 1902

Cochems House; Peter and Anna Cochems (seated) in Foreground, *Circa* 1902

Photos Courtesy of the San Marcos Historical Society

Gallegos & Associates

Historical Photographs; Cochems	**FIGURE 1-7**

In 1893, after heavy rains, George Oden died when the well he was cleaning out collapsed on him. He was 45 years old and the family buried him on the property near the home he had built. Oden's widow was left to care for their six children. She later remarried a Mr. Alwin Frohberg from the German community at Olivenhain, who moved to the Oden homestead. Emma Einer, a long time resident of Twin Oaks, remembered, "We had picnics down in the grove beyond the old Oden place above the Merriam place. That was a lovely picnic area under those nice big oaks" (Einer 1976).

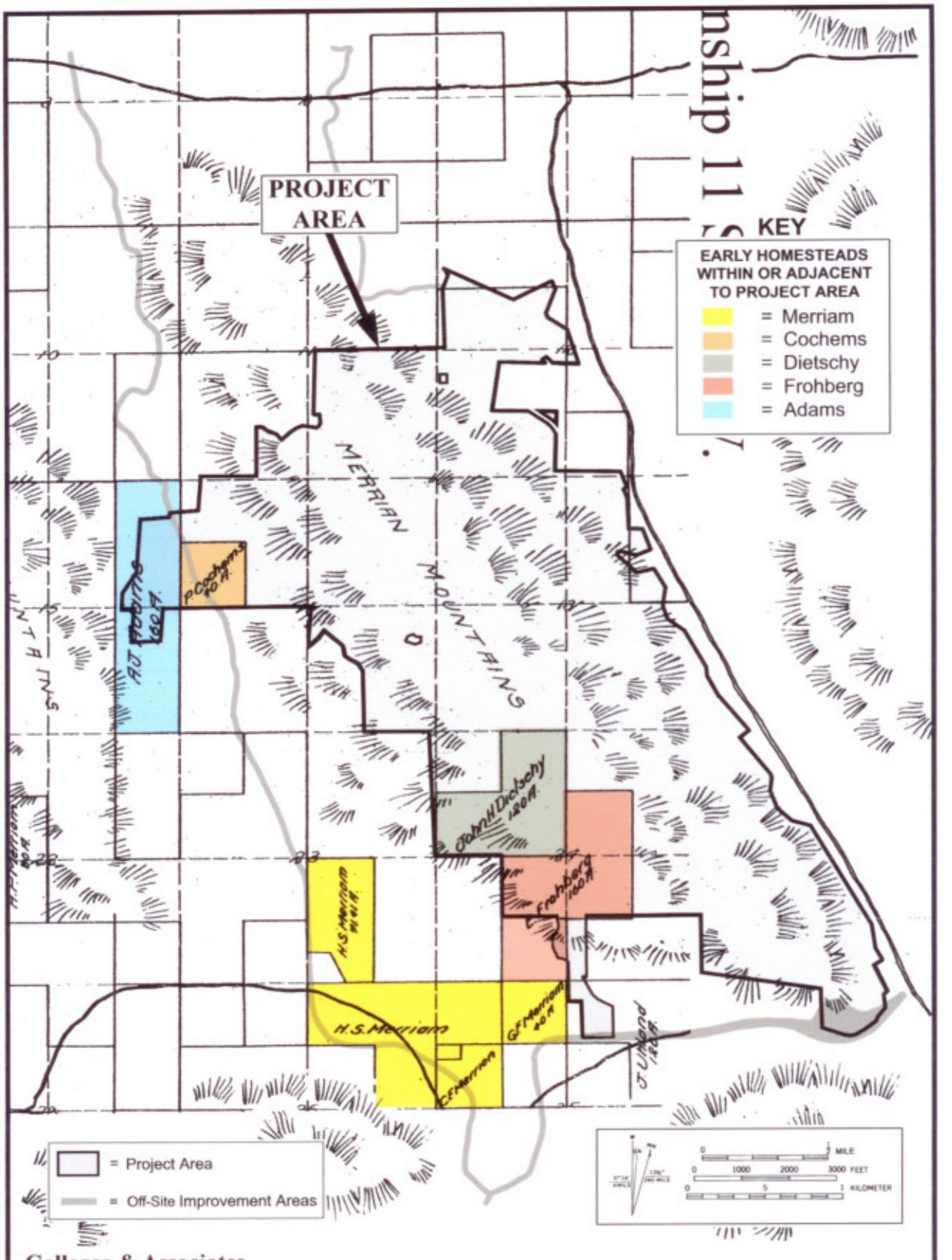
- **Other Land Holders in the Area**

John H. Dietschy filed a homestead claim for 120 acres in Twin Oaks, and he received title in 1891. Mr. Dietschy does not appear in any of the County directories for the Twin Oaks or San Marcos areas between the years 1895 and 1913, however he is shown as an owner on the 1913 Alexander Plat map. There appears to be a structure at the edge of his property as portrayed on the 1901 Escondido and San Luis Rey USGS maps, but the nature of the edifice, whether home, barn, shed or other out-building, is unknown (Figure 1-8). This may actually be the Oden/Frohberg house.

In the 1950s, F. Brock Gist purchased 360 acres of land in Sections 13 and 24 of Township 11 South, Range 3 West. There is a road that follows the approximate boundary lines for his property, which appears as Gist Road on current maps.

1.5 RECORD SEARCH AND LITERATURE REVIEW RESULTS

The literature review and record search was completed at the South Coastal Information Center at San Diego State University and from materials on file at Gallegos & Associates. Seventy studies (AA 1988; APRA 1978; ASI 1991; ASM 1978, 1984; Banks 1980; Berryman 1988; Brown 2001; Browne and Vogt 1985; Carrico 1976, 1977, 1978, 1982; Carrico et al. 1995; Cheever 1988; Clevenger et al. 1992; Clifford 2004; Cook (J) 1988; Cook (R.)1978; Cook et al. 1977; Crull 1989, 1990a; Cupples 1976, 1977; de Barros 1999, 2005; Engineering-Science 1981; ERC 1990; Flower et al. 1979;



Gallegos & Associates

Project Area and Historic Homesteads Shown on 1913 Alexander Plat Map

FIGURE 1-8

Freeman 1988; Gallegos 1983; Gallegos and Carrico 1985; Gallegos and Kyle 1989; Gallegos and Cheever 1986; Gallegos and Strudwick 1992; Glenn 1993a, 1993b; Gross and Jacobsen 1990; Guerrero et al. 2001; Hatley 1979; Hector 2006; Jones 1989; Jones and Stokes 2000; Kirkish 1996; Kyle and Gallegos 1987a, 1987b; MBA, Inc. 1989; McCoy 1979; McHenry 1989; NHPC 1982, 1984; Polan 1978; Robbins-Wade 1999, 2001; Schroth 1991; SDCAS 1975; Smith 1991; SRS 1982; TMI 1989a, 1989b; VanHorn 1989; Wade 2001; White 1990; White and Corum 1980; White and White n.d.; Winterrowd and Cardenas 1987; Wright 2003, 2004a, 2004b; and Xinos 1984) have been conducted within a one-mile radius of the project area.

In all, 49 cultural resource sites (CA-SDI-561, -662 -4367, -4368, -4369, -4370, -4372, -4373, -4374, -4375, -4377, -4378, -4379-4542, -4558, -4559, -4560, -4562, -4573, -5071, -5072, -5187, -5190, -5357, -5638, -5639, -5950, -5951, -5640, -8095, -8250, -8327, -9252, -9253, -9822, -10150, -10747, -11060, -11066, -11067, -11068, -11618, -12520, -12521, -12522, -13009, -15671, -15689, and P-37-0191999) and two isolates (CA-SDI-I-267 and SDM-W-3880C) have been recorded within a one mile-radius of the project area and off-site improvement areas. Within the Merriam Mountains project area and off-site improvement areas, fourteen studies (ASI 1991; Cook et al. 1977; Cupples 1976, 1977; Gross and Jacobsen 1990; Guerrero et al. 2001; Hector 2006; Kyle and Gallegos 1987a, 1987b; NHPC 1982, 1984; Robbins-Wade 2001; SDCAS 1975; and White and White n.d.) have been conducted, and eight cultural resource sites (CA-SDI-4370, -4371, -4558, -5639, -5640, -9253, -9822, and -10747H) and one isolate (SDM-W-3880C) have been recorded (Figure 1-9). The record search results are included in Appendix E.

1.5.1 Previously Recorded Sites

- **CA-SDI-4370**

Site CA-SDI-4370 was originally recorded by May et al. (1975a) as a single milling slick. No surface artifacts or midden were noted during the survey. A survey report for

FIGURE 1-9

PROJECT AREA AND PREVIOUSLY RECORDED CULTURAL RESOURCES SHOWN ON USGS MAP

(See Confidential Appendix)

site CA-SDI-4370 was not on file at the South Coastal Information Center. Also, there is no record of site testing to determine site significance for CA-SDI-4370.

- **CA-SDI-4371**

Site CA-SDI-4371 was originally recorded by May et al. (1975b) as a single milling slick. The milling feature was not relocated within the project area. It should be noted that the majority of CA-SDI-4371 is located outside of the project area. Therefore, the milling feature may be present, but located adjacent to and outside of the project area.

- **CA-SDI-4558**

Site CA-SDI-4558 was originally recorded by Kearns (1971) for the Interstate 15 project (Cupples 1977). Kearns (1971) described the site as an occupation site consisting of metates, manos, flakes, and core and cobble tools. Cook (1977) updated the site during the test program for CA-SDI-4558 (Cook et al. 1977). A total of thirty-five 1x1-m units were excavated, producing large bifaces (San Dieguito and Elko), manos, battered implements, debitage, and marine shell. In addition, two possible hearth features were exposed during the test program. Site CA-SDI-4558 was identified as significant and recommended as potentially eligible to the National Register of Historic Places in 1977 (White 2005). Given this previous determination, site CA-SDI-4558 is identified as significant under CEQA and the County Resource Protection Ordinance (RPO). It should be noted that the structures were <u>not</u> recommended as significant resources, as these structures are less than 50 years old.

- **CA-SDI-5639**

Site CA-SDI-5639 was originally recorded by Gouveia and Ricard (1977a) as a milling site bisected by Twin Oaks Valley Road. Two milling features and associated ceramic sherds were noted. Smith (1982) later updated the site for the South Coast Asphalt Products Twin Oaks Quarry project. Site CA-SDI-5639 was not relocated and Smith

(1982) stated that the site had been destroyed as a result of construction improvements for Twin Oaks Valley Road and the San Diego Aqueduct (New Horizon Planning Consultants 1982).

- **CA-SDI-5640**

Site CA-SDI-5640 was originally recorded by Gouveia and Ricard (1977b) as a single milling site adjacent to two driveways, Twin Oaks Valley Road and a trailer. No artifacts were reported. Continued plowing was noted at the site.

- **CA-SDI-9253**

Site CA-SDI-9253 was originally recorded by Heuett (1982) as multiple bedrock milling features consisting of several slicks. Cardenas (1986a) updated the site for the Sycamore Ridge project and extended the site boundary to approximately 159x55 m in area. The 1986 update described site CA-SDI-9253 as a temporary camp consisting of rock shelters, bedrock milling features, debitage, and a midden deposit. The west portion of the site has been impacted by the construction of a 1930s homestead (see site CA-SDI-10747H).

- **CA-SDI-9822**

Site CA-SDI-9822 (W-223-A) was originally recorded by Rogers (n.d.) as a habitation site, consisting of a dark midden, flakes, mano fragments, a large amount of shell, and bedrock milling features. Site CA-SDI-9822 was updated by Hedges (1977), and a heavily weathered and exfoliated red pictograph feature was identified on a rock face situated in the northwest portion of the site. In 1990, site CA-SDI-9822 was again updated by Crull (1990b). Palomar Community College conducted a field school from 1980 to 1989 that was under the direction of Dennis O'Neil, Ph.D. Approximately 40 1x2-m units, with an average depth of 120 cm, were excavated and as a result, an extensive collection of over 80,000 primarily Late Period artifacts, including arrow

points, pottery, ceramic pipe fragments, bone tools, milling tools, beads (bone, shell, stone, and glass), arrow shaft straighteners, stone tools for cutting, chopping, and scraping, obsidian, shell, bone, and cremations were recovered. It should be noted that the only written report on this site is the M.A. thesis on the faunal assemblage by Quintero (1987). The southern portion of the site has been impacted by the construction of Deer Springs Road and a trailer park south of Deer Springs Road. Crull (1990b) reported that the habitation area and milling features are protected by a chain-link fence, however additional milling features, surface artifacts, and the pictograph feature are located outside of the fence. On the basis of previous work, site CA-SDI-9822 is identified as significant under CEQA and County Resource Protection Ordinance criteria.

- **CA-SDI-10747H**

Site CA-SDI-10747H was originally recorded by Cardenas (1986b) for the Sycamore Ridge Project. Site CA-SDI-10747H is located adjacent to the west edge of site CA-SDI-9253 (see above for site description of CA-SDI-9253). Site CA-SDI-10747H represents the remnants of a 1930s homestead, consisting of a three-room house, a rock and mortar hearth/chimney structure, a stone and concrete one-room foundation, and a partially collapsed wood structure (Cardenas 1986b). White and White (n.d.) conducted a patents record search for Stonegate Development and identified one homestead patent issued in the same section (Section 13, Township 11 South, Range 3 West). White and White (n.d.) stated that site CA-SDI-10747H is most likely associated with homestead patent #0046358 issued to Orland Arthur Rush in 1931.

- **SDM-W-3880C**

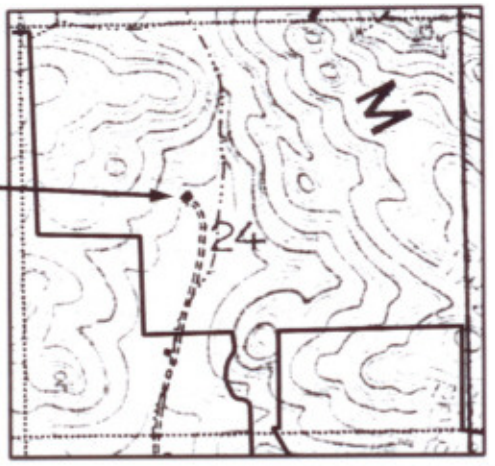
Isolate SDM-W-3880C is a single lithic tool fragment that was recorded by Winterrowd (1986) for the Sycamore Ridge project (Winterrowd and Cardenas 1987). The isolate was identified within a highly disturbed graded dirt road. No additional cultural materials were located.

1.5.2 Historic Structures

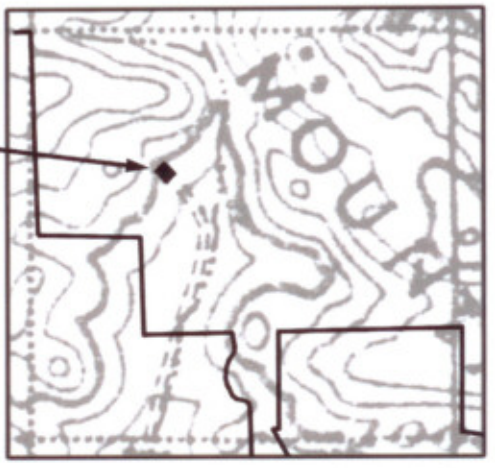
Early USGS maps (1901 Escondido 15'; 1901 San Luis Rey 15'; 1942 Escondido 15'; 1948 San Marcos 7.5') were reviewed for early historic structures. One structure was identified on the 1901 Escondido USGS map and the 1901 San Luis Rey USGS map (Figure 1-10). This structure may be related to the parcels identified as Dietschy or Frohberg (see Figure 1-8). No structures were identified on the 1942 Escondido or 1948 San Marcos USGS maps.

1.6 NATIVE AMERICAN CONSULTATION

The Native American Heritage Commission (NAHC) was contacted to request information and/or input regarding Native American concerns either directly or indirectly associated with the Merriam Mountains project, as well as names of individuals in the area who should be contacted prior to completion of this study. Those individuals identified by the NAHC were contacted by letter, and information as to cultural resources within the project area was requested (Appendix H). Additional project notification will be conducted through general public distribution of the environmental report. Mark Mojado (San Luis Rey Band of Luiseño Indians) and Manuel Masiel (Pechanga Band of Luiseño Indians) provided monitoring services for fieldwork conducted. In addition, a meeting at the County of San Diego to address Native American concerns was conducted on November 9, 2004. Those in attendance included Maggie Loy, Glenn Russell, Donna Beddow, and Kirsten Blackson from the Department of Planning and Land Use; Lee Shick and Greg C. from the Department of Public Works; Paul Macarro, Amy Minnieer, and Mark Mojado representing the Pechanga Band of Luiseño Indians and the San Luis Rey Band of Luiseño Indians; and, client representatives Joe Perring, Eric Armstrong, Andrew Garner, and Dennis Gallegos.

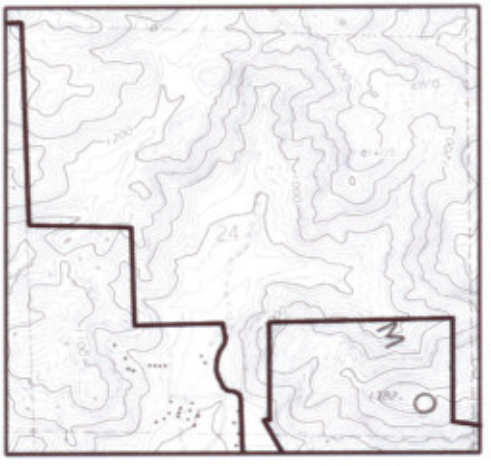


Escondido1901 1:62500 Scale Map (enlarged)

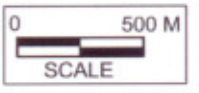


San Luis Rey 1901 1:125000 Scale Map (enlarged)

(Structure Not Shown)



San Marcos 1968/83 1:24000 Scale Map



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Historic and Modern USGS Maps Showing Historic Structure Location

FIGURE 1-10

SECTION 2
RESEARCH ORIENTATION AND METHODS

2.1 INTRODUCTION

This section identifies research orientation, field and lab methods, special studies, and curation of recovered artifacts and ecofacts (i.e., bone, shell). The objective of the cultural resource study was to: 1) provide a record search and background history; 2) survey approximately 2,300 acres within the project area, 10 linear miles of associated off-site improvement areas, and 11 intersection off-site improvement areas; and, 3) to determine site significance for previously recorded sites (CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-9822, and CA-SDI-10747H), newly recorded sites (CA-SDI-17264 and CA-SDI-17265), and the 1901 historic structure/location, with respect to County of San Diego guidelines and the California Environmental Quality Act (CEQA). Mitigation recommendations for sites identified as significant include avoidance and/or data recovery. No mitigation measures are necessary for sites identified as not significant.

2.2 RESEARCH ORIENTATION AND METHODS

The research orientation developed for the test program employed regionally and locally specific questions and identified data needs to approach these questions. A wide range of research questions or topics was possible for the sites; however, five research domains were selected on the basis of overall contribution to the archaeological record. Specific research questions focused on chronology, lithic technology, subsistence and settlement, and trade and travel. These questions were used to guide the study to determine if materials were available to address the research questions given a sufficient excavation sample (i.e., data recovery).

2.2.1 Chronology

Study Topics

(a) What was the period of use and/or occupation for sites CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-9822, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265?

Data Needs

Materials (i.e., shell, charcoal, and bone) recovered from the sites for radiocarbon dating can be used to determine age and period of site occupation. Diagnostic artifacts such as small arrow points and pottery can also be used for relative site dating to the Late Period.

2.2.2 Lithic Technology

Several flake-tool reduction strategies have been identified for the southern California coastal region. These include nodule core reduction, bipolar core reduction, and biface reduction using two types of cores. The decision to use one type of core instead of another depends on at least two factors: 1) the form of the material to be reduced (small nodule, large nodule, layered); and, 2) the intended product (i.e., biface tool, scraper, hammerstone). In this region, expedient use of locally available nodules is expected to dominate the assemblage for flake tools, battered implement tools, and some ground stone tools. This assumption was tested and several study topics were formulated for the retrieval of data needed to address this topic.

Study Topics

(a) Which technological reduction strategies were present based on the debitage at the sites?

(b) Which reduction strategies were used to produce which tools? Were these strategies the same or different?

(c) If ground stone tools were present, were the nodule materials local or non-local?

(d) Was there evidence that ground stone tools were produced at the site, or were they produced elsewhere prior to being carried to the sites?

(e) How do technologies and stages of tool reduction relate to site function and tools found on the sites?

Data Needs

(a) Collection of a statistically valid sample of formed artifacts and debitage.

(b) Detailed analysis of formed artifacts and debitage for technological attributes and reduction sequence classification.

(c) Identification of the technological attributes and reduction sequences used to produce tools.

2.2.3 Subsistence Strategy

Study Topics

(a) Do the sites represent specialized food-processing localities or, conversely, do they represent campsites wherein a wide range of foods were gathered and processed?

Data Needs

Data necessary to address the question of economic strategy include floral and faunal remains, which permit the reconstruction of diet, or dietary practices, and preferences of the site occupants. The presence of particular species of plants, animals, and shellfish allows for a more complete appraisal of the various environmental niches exploited by the site occupants.

Methods for interpreting the data include: 1) protein residue analysis of selected artifacts to identify floral and faunal material processed; 2) speciation of the recovered faunal assemblage, with special attention to evidence of butchering or cooking; and, 3) identification of species within preferred habitats, and the placement of speciated remains within the ecological model for the purpose of reconstructing the habitat(s) exploited by the site occupants.

Artifacts recovered from the site can also provide inferential information regarding subsistence exploitation. For example, if plant material was not found, the presence of mortars, manos, and metates provides evidence that floral and faunal materials were processed at the site. Immunological studies of residues on tools from the site may provide data relating to both tool use and resources exploited.

2.2.4 Settlement Pattern

In California, ethnographic sources have been used to develop models for prehistoric hunter–gatherer settlement and subsistence patterns. Shipek's model for the Luiseño (Shipek 1977) is one of sedentary villages located between the coast and the mountains in various ecological zones north of the San Dieguito River. True and Waugh (1982) propose a settlement configuration of foraging patterns, with several residential shifts occurring throughout the year. This settlement/subsistence model has been correlated to river drainage systems during the San Luis Rey I period, shifting to a bipolar system of permanent winter camps or villages in the western foothills and permanent summer camps in the mountains during the San Luis Rey II period. Graham's settlement/subsistence model (1981) is a fusion-fission pattern in which residential bases were occupied during the summer and fall months in the mountains for exploitation of acorns and grass seeds, with small groups migrating into the desert during the winter months to exploit legume and cacti resources.

Study Topics

(a) *Temporally, how do these sites fit into the overall pattern for San Diego County? Can the group or culture be identified in the presently understood context of the cultural prehistory for San Diego County?*

(b) *What was the function of the sites (i.e., base camp, village, special-use site, or extractive site) and how did these sites relate to other sites?*

(c) *What form of settlement pattern was practiced?*

(d) *In general, how did occupation and use of these sites contribute to seasonal or year-round occupation of the region?*

Data Needs

(a) Recovery of temporally-sensitive and diagnostic materials, such as organic material for radiometric dating, obsidian for hydration analysis, and time-sensitive artifacts such as pottery, projectile points, and beads.

(b) Recovery of an adequate artifact sample and cultural material from the sites to determine site functions.

(c) Recovery of ecofacts representing seasonal exploitation (i.e., bird bone, otoliths).

2.2.5 Trade and Travel

To what extent are trade and travel evidenced at the sites? Early travelers and ethnographers noted the presence of Native American trails and trade activities among different cultural groups in the southern California region. The procurement of lithic resources, such as serpentine, chalcedony, chert, jasper, obsidian, and steatite, may identify contact with other cultural groups, as these materials were not available in the local area. Although many other trade items were often perishable, what sustaining archaeological evidence can be used to demonstrate trade and/or travel?

Study Topics

(a) *Is there evidence of trading contact or travel?*

(b) *What was the nature of cultural contact — continuous, sporadic, or limited?*

(c) *What were the inferred routes of trade?*

(d) *What economic needs, if any, were met through contact and trade?*

Data Needs

(a) Recovery and analysis of an adequate sample of cultural material, including trade goods such as serpentine, steatite, obsidian, desert lithic material, and beads.

(b) Identification of the source of trade items.

2.3 FIELD METHODS

The objective of the cultural resource study was to survey approximately 2,300 acres within the project area, 10 linear miles of associated off-site improvement areas, and 11 intersection off-site improvement areas, and to determine site significance under County of San Diego and CEQA criteria for cultural resources identified within the Merriam Mountains project area. Testing and field methods included collection of surface artifacts, site mapping, and excavation of shovel test pits (STPs) and 1x1-m units to determine site size, depth, content, integrity, and significance. Project field personnel included Larry Tift, Monica Guerrero, Karen Hovland, Nick Doose, Lucas Piek, Ryan Anderson, Carmen Lucas, and Jo Huval. Mark Mojado (San Luis Rey Band of Luiseño Indians) and Manuel Masiel (Pechanga Band of Luiseño Indians) provided Native American monitoring services.

2.3.1 Survey Methods

To the extent possible, the project area was intensively surveyed on foot using a 10-m interval between survey transects. Steep rugged terrain was not surveyed.

2.3.2 Shovel Test Pit Excavation

Shovel test pits (STPs), 30 centimeters (cm) in diameter, were used to determine site size and depth. STPs were excavated in 10-cm levels, with all soil dry-screened using 1/8-inch hardware mesh. The artifacts and/or ecofacts removed were bagged by STP and by level. All results are provided on tables by STP number and are discussed within this report. Intervals for STPs are 10 to 20 meters (m) across each site. Additional STPs were placed near bedrock milling features and surface artifacts.

2.3.3 Unit Excavation

When a subsurface component was identified, one 1x1-m test unit was excavated to determine site content, integrity, and potential to address important research questions. Placement of the unit was determined by either the highest amount of subsurface material or the most likely area to possess subsurface material (based on surface remains, natural features, and STP results). Units were excavated in 10-cm levels to sterile. Sterile defines one of three scenarios: 1) when bedrock is encountered; 2) when excavation of one level produces no cultural material; and, 3) when excavation of two consecutive levels produces a significant drop-off in cultural materials because of natural processes. All soil was dry-screened using 1/8-inch hardware mesh screens.

All cultural material collected from each 10-cm level was sorted and bagged for laboratory analysis and cataloging. Each bag was marked with the site trinomial number, unit number, level, and date of recovery. Field forms were kept on a daily basis and provide information identifying excavator(s), date, location, unit number, level, types and

quantities of materials collected, and changes in soil. At least one photograph and one hand-drawn sketch of each unit were provided to show the north sidewall profile, or a profile of the unit wall that offered the best stratigraphic detail.

If features (i.e., fire hearths, rock platforms, artifact caches, rock cairns) were encountered, additional excavation expansion units may have been necessary to expose the feature. Features would be photographed and illustrated, and associated artifacts labeled.

2.4 LABORATORY METHODS

Gallegos & Associates' standard system of cleaning, cataloging, and analyzing cultural remains was used for artifacts recovered during this study. These procedures include cleaning and separating artifacts and ecofacts by material class for each unit level prior to cataloging. Each item, or group of items, was counted, weighed and/or measured, and given a consecutive catalogue number marked directly on the artifact or on an attached label. Additionally, each item was analyzed for specific characteristics particular to each material class. All cataloged items were divided into typological categories and placed within appropriately labeled boxes for interim storage at Gallegos & Associates' cultural resource laboratory.

All artifacts and ecofacts collected were treated using accepted and appropriate archaeological procedures. Initial laboratory work included washing and/or brushing artifacts and cataloging. Artifacts were sorted into classes, such as bifaces, cores, bone tools, beads, milling tools, and flakes. Cataloging provides basic data such as count, measurement, weight, material, condition, and provenience. The catalogue also offers information as to horizontal and vertical distribution of cultural material.

Specialized studies are conducted after the initial sorting and cataloging. The number and type of specialized studies completed for this report depends on the materials

recovered and the level of research. Studies completed include lithic technological analysis and vertebrate faunal analysis.

2.4.1 Lithic Analysis (by J. Jeffrey Flenniken)

Analytical Methods

Technological lithic analysis based upon replicative data was conducted for all flaked stone artifacts recovered from the current test program. Technological identifications were determined for all lithic artifacts. All lithic artifacts were also examined on the basis of raw material types and reduction stage categories (Appendix C). Reduction stage flake categories were defined by comparing technological attributes of replicated artifacts from known and cataloged flaked stone tool reduction technologies to prehistoric controls. In turn, by comparing the prehistoric artifacts (controls) to the known artifacts in terms of manufacture, reduction stages were assigned to technologically diagnostic debitage. Some debitage, however, was considered technologically undiagnostic because of the lack of attributes on fragmentary pieces.

Debitage

Technological debitage analysis based upon replicative data (Flenniken 1981) was selected over other analytical methods to obtain processual reduction stage identifications. Methods such as size-grading (Ahler 1989) or morphological attribute analyses (length, width, thickness, weight, or completeness of flake) (Sullivan and Rozen 1985) do not allow processual anthropological modeling of specific technological activities. Analyses dependent on metric data provide the analyst with size-descriptive information only; they do not allow reliable identification of prehistoric behaviors. Metric analyses do not take into account crucial variables such as raw material type, quality, shape, and flakeability, nor do they consider the skill level of the prehistoric knapper, the reduction sequence(s), or the intended end product(s).

Size-grading of debitage as a form of "technological" analysis is also ineffectual as a means of providing accurate prehistoric lithic technological information (Scott 1985, 1990, 1991). In one case where samples of debitage from six different sites were subjected to both size-grading analyses and technological analyses in an effort to define the lithic reduction activities that occurred at each site, Scott (1985) found that "...size-grading artificially separates debitage into classes that do not accurately reflect lithic reduction."

Ahler's (1989) work concerning size-grading analysis or "mass analysis of flaking debris" is the most comprehensive study to date. However, even when using experimental controls, size-grading analysis proves inadequate for making inferences about the reduction process because of the qualifications placed on interpretive comparisons. For example, Ahler's (1989) reduction model does not apply to multiple-material sites where the size, shape, and quality of the original raw materials may have influenced reduction strategies. Multiple flaking episodes are said to require interpretation through multi-variate statistical analysis even though statistics are not capable of "interpreting" data. Ahler's approach provides little or no accurate technological information concerning lithic reduction techniques because of inherent methodological errors regarding scientific experimental procedure. Reasoned sampling of large assemblages combined with technological attribute and stage analysis is more informative than low-level descriptions of complete, large assemblages.

Replicative systems analysis (RSA) is a methodological concept designed to understand the behavior prehistorically applied to flaked stone artifacts (Flenniken 1981). The method involves replicating, through flintknapping experimentation, a hypothesized sequence (based upon debitage frequencies documented during analysis) of lithic reduction employed at a particular archaeological site. By comparing the prehistoric debitage with cataloged experimental debitage, it is possible to determine the reduction techniques and sequence(s) that were employed at a given site by prehistoric knappers. Experimentation has also demonstrated that many by-products associated with tool

manufacture can be mistaken for functional tools such as “scrapers” (Flenniken and Haggarty 1979).

The RSA approach offers a reliable means to both identify and demonstrate the method(s) by which prehistoric knappers reduced available stone into flaked stone tools and weapons. Because flintknapping techniques are learned rather than innate behaviors, reduction strategies can be both culturally and temporally diagnostic (Flenniken 1985; Flenniken and Stanfill 1980). Thus, by studying the reduction technologies employed at archaeological sites, it is possible, once the technological foundation based upon numerous technological analyses has been established, to correlate sites in time and space by identifying related or similar lithic technologies (Flenniken and Stanfill 1980). The correlations may aid future research involving descriptions of regional mosaics of human activity patterns as they vary through time. In regions where volcanic or acidic sediments preserve very little of the archaeological record except stone artifacts, or where prehistoric activities leave little or no trace, this method of gathering information can be extremely productive. The RSA approach to lithic analysis is useful and appropriate because it focuses on determining what lithic technologies were used at a particular site, how these technologies may have changed through time, and whether these changes correlate to specific time periods.

Attributes evidenced on the prehistoric debitage, in conjunction with experimental analogs, were used to identify technologically diagnostic debitage, which enabled flakes to be assigned to specific experimentally derived reduction stages (Flenniken 1978, 1981). The remaining debitage was not ascribed to any reduction stage because of the fragmentary nature of the specimens; therefore, it was characterized as technologically undiagnostic, although attributes such as material type, heat treatment, and presence/absence and type of cortex were noted.

Debitage classification attributes were divided into reduction-oriented technological categories, and these categories were then segregated into stages. Stage 1, core reduction

debitage, was defined on the basis of amount and location of cortex on the dorsal surface, platform attributes, dorsal arris count and direction, and flake cross/long-section configuration. Stage 2, bifacial reduction debitage, was classified on the basis of multi-faceted platform configuration and location, location of remnant bulb of force, dorsal arris count and direction, flake termination, flake cross/long-section orientation, and presence or absence of detachment scar. Stage 3, percussion bifacial thinning debitage, was segregated on the basis of multi-faceted platform configuration, size, lipping, and location, dorsal arris count and direction, flake termination, cross/long-section orientation, and presence or absence of detachment scar. Stage 4, pressure bifacial reduction debitage, was separated on the basis of multi-faceted platform configuration and location, dorsal arris count and direction, flake termination, platform-to-long axis geometry, cross/long-section orientation, and presence or absence of detachment scar. Undiagnostic fragments (flake fragments, with or without cortex) were defined as such. These reduction-oriented technological categories were further segregated on the basis of geological material types such as metavolcanic, vein quartz, metasedimentary, quartzite, chert, and obsidian. Interpretation of the reduction sequence from this site was determined using only the technologically diagnostic debitage, whereas discussions concerning lithic raw material types include all debitage and formed artifacts.

A 100% sample of the debitage, recovered from the Gallegos & Associates' test program, was analyzed, identified, and assigned to specific technological categories and stages. Technologically diagnostic debitage was assigned to a specific reduction category and served as the basis for interpretation of lithic technology.

Not all flaked stone reduction technologies are the same throughout prehistory, even within one locality such as southern California, or within one formed artifact class. For example, biface reduction sequences may vary technologically from site to site as a result of cultural/temporal differences even though the same raw lithic material is present at these sites. By identifying technologically diagnostic debitage from sites, specific reduction technologies can be easily segregated.

Ground Stone Tools

These tools were used primarily for vegetal processing; however, ethnographic records indicate that bone, clay for pottery, and pigments for paint were also ground with these implements (Gayton 1929; Kroeber 1925; Spier 1978). Ground stone tools were first separated into four groups: manos, metates, pestles, and mortar/bowls, recognizing, of course, that all four groups in actuality feature complex tools that have two primary parts. Attributes selected for the discussion of ground stone tools are most amenable to comparisons with similar artifacts from other sites in the region.

Manos: Attributes important in the classification of manos include nodule or shaped, number of faces used (bifacial or unifacial) to determine extent of usage, end battering (presence or absence resulting from roughening grinding surfaces), outline, and cross-section. The shape of a mano can aid in identifying the type of metate (i.e., shallow or deep basin) used with the mano. Shaping is important in determining the length of occupation of the site: the time needed to shape a proper mano would not be taken if the user only meant to employ the mano for a day or two and then discard it. Shaping denotes an unnecessary amount of time expended to make an object aesthetically pleasing.

Metates: Ground stone fragments were identified as metate fragments based on the presence of at least one concave ground surface. Both slab (thin and highly portable) and block (thick and heavy) metates may be present. Some may have been used unifacially and others bifacially, denoting the amount of time spent grinding.

2.4.2 Vertebrate Faunal Analysis

If bone is present, it will be identified, whenever possible, by genus and species. When species identification is not possible, the bone will be described as small, medium, or large vertebrate mammal. Elements will be identified as burned and unburned, and, if possible, cooking methods will be discussed. If otoliths (fish ear bones) are present, they

will be analyzed as to species, size of fish, and season of capture. If possible, age of capture of identifiable specimens will be estimated. Bird bone will, whenever possible, be identified to family, genus, and/or species, as the information about migratory birds can add to the data for determining seasonality.

2.5 PROVISIONS FOR ENCOUNTERING HUMAN REMAINS

If burials were encountered, fieldwork would have ceased at once in the immediate area of the burial. The person in direct charge of the project would contact the County of San Diego Coroner. If the Coroner determines that the remains are not subject to his or her authority, and if the Coroner has reason to believe that the human remains are those of a Native American, the Coroner is required to contact the Native American Heritage Commission by telephone within 24 hours. The California Native American Heritage Commission, the local agency representative, and the authorized local tribal representative will review the case and provide input as to further action.

Alternatives for the disposition of human remains and associated artifacts include: 1) leaving the human remains *in situ*; 2) uncovering the human remains for analysis *in situ*; 3) removing the human remains for analysis and curation; 4) removing the human remains for analysis and repatriation to Native Americans affiliated with the local area; and, 5) removing the human remains with no analysis for repatriation to Native Americans affiliated with the local area.

2.6 CURATION

All cultural materials, except burial-related artifacts and unless otherwise required by law, excavated or removed from prehistoric or historic sites during testing and/or data recovery programs, along with associated project data, will be permanently curated at a qualified repository as defined by the "State of California Guidelines for the Curation of Archaeological Collections," such as the San Diego Archaeological Center. Curation

includes, but is not limited to, field notes, photographs, catalogues, and final reports. Collections from previous excavations at sites CA-SDI-4558 and CA-SDI-9822 shall be combined with the collections recovered as a result of the current study and any future extended testing and/or data recovery programs. These artifacts and associated documentation are necessary to produce a comprehensive report of finding for sites CA-SDI-4558 and CA-SDI-9822. Additionally, the owner agrees to execute a release of title form and to pay the required curation fees in effect at the time of curation. All curation shall be accomplished within six (6) months from the completion of the project.

SECTION 3
SURVEY RESULTS

3.1 INTRODUCTION

This study included a field survey of the approximately 2,300 acres for the Merriam Mountains project area, 10 linear miles of associated off-site improvement areas, and 11 intersection off-site improvement areas. A total of eight cultural resources (CA-SDI-4370, -4371, -4558, -5639, -5640, -9253, -9822, and -10747H), one isolate (SDM-W-3880C), and a 1901 historic structure/location have been previously identified within the Merriam Mountains project area and off-site improvement areas. Survey methods, results, and summary are provided below.

3.2 SURVEY METHODS

The project area was intensively surveyed on foot using 10-m intervals between survey transects. Project personnel included Larry Tift, Monica Guerrero, Karen Hovland, Nick Doose, Lucas Piek, Ryan Anderson, Jo Huval, and Carmen Lucas. Native American monitors included Mark Mojado (San Luis Rey Band of Luiseño Indians) and Manuel Masiel (Pechanga Band of Luiseño Indians).

3.3 SURVEY RESULTS

Portions of the project area were intensively surveyed on foot using 10-m intervals between survey transects between August 2004 and February 2007.

Ground visibility within the project area was poor along drainage areas, steep slopes, and most valley areas, and fair on knoll tops, dirt roads, and some valley areas. Portions not surveyed included areas with dense vegetation and steep slopes. Vegetation was dense within the project area and consists of native chaparral and non-native grasses. The field survey was positive, relocating previously recorded sites CA-SDI-4558, -9253, -9822,

and -10747H, and identifying two new sites (CA-SDI-17264 and CA-SDI-17265), and one isolate (P-37-025968) (Figure 3-1). Sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639 and CA-SDI- 5640, and isolate find SDM-W-3880C were not relocated and are believed to have been destroyed, or are located adjacent to but outside of the project area (i.e., CA-SDI-4371). The historic 1901 structure/location was not relocated and appears to have been destroyed; however, there may still be remaining buried foundations and associated features, as historic research identified the historic location within the Dietschy homestead. Two foundations, that appear to date to the 1960s, were identified within and adjacent to site CA-SDI-4558, and one dilapidated structure, believed to be less than 50 years old was identified at site CA-SDI-10747H.

3.3.1 Previously Recorded Sites

- **CA-SDI-4370**

Site CA-SDI-4370 was not relocated and appears to have been destroyed by previous grading for housing and ranch development.

- **CA-SDI-4371**

Site CA-SDI-4371 was not relocated within the project area. The site may have been located off-project and to the west; however, it was likely destroyed by construction of a road that now occupies the center of the recorded site area.

- **CA-SDI-4558**

Site CA-SDI-4558 was relocated during the current study, and two additional bedrock milling features were identified. This site appears to be in the same condition as previously reported by Cook et al. (1977). One foundation was identified in the central portion of site CA-SDI-4558 and another foundation was identified adjacent to and north of the site. Both foundations appear to be the remains of residential structures that were

FIGURE 3-1

PROJECT AREA, PREVIOUSLY RECORDED CULTURAL RESOURCES (INCLUDING REVISED BOUNDARIES), AND NEWLY RECORDED CULTURAL RESOURCES SHOWN ON USGS MAP

(See Confidential Appendix)

previously described by Cook et al. (1977). Disturbance noted includes the construction of Deer Springs Road, construction of houses, paved access roads, grading, agricultural use, and trash dumping.

- **CA-SDI-5639**

Site CA-SDI-5639 was not relocated and appears to have been destroyed as a result of construction of Twin Oaks Valley Road and the San Diego Aqueduct.

- **CA-SDI-5640**

Site CA-SDI-5640 was not relocated, as it has been destroyed by the development of Twin Oaks Valley Road.

- **CA-SDI-9253**

Site CA-SDI-9253 was relocated during the current survey. Four bedrock milling features and debitage were noted. A portion of the site has been impacted by the construction of a post-1930s homestead (see site CA-SDI-10747H); however the majority of the site appears to be in good condition.

- **CA-SDI-9822**

Site CA-SDI-9822 was relocated during the current survey. Bedrock milling features and the rock with the pictograph were relocated. Surface artifacts noted included debitage, pottery, a ceramic pipe fragment, and burned bone. No artifacts were collected. Rodent disturbance, modern trash dumping, and foot traffic were also noted. A protective fence installed by Palomar Community College is still in place around most of the site area; however the fence has been partially torn down along Deer Springs Road. The southern portion of site CA-SDI-9822, north of Deer Springs Road, is currently eroding into the road.

- **CA-SDI-10747H**

Site CA-SDI-10747H is located adjacent to site CA-SDI-9253, and includes the remains of a house, a collapsed wood structure, and a rock and mortar hearth/chimney structure. Disturbance at the site includes foot traffic on the adjacent trail, minor trash dumping, and some off-road vehicle activity.

- **1901 Historic Structure/Location**

The historic structure/location identified on the 1901 Escondido and San Luis Rey USGS maps was not relocated and appears to have been destroyed; however, buried foundations and associated features may still be present. Historic research identified the historic location within the Dietschy homestead. Disturbance at the historic location includes foot traffic on the adjacent trail, minor modern trash dumping, and some off-road vehicle activity.

3.3.2 Newly Recorded Sites

- **CA-SDI-17264**

Site CA-SDI-17264 consists of a light lithic scatter located in the southwest portion of the project area. This site consists of a single bifacial mano and debitage within a dirt road. Because of the dense vegetation the site boundary is unknown.

- **CA-SDI-17265**

Site CA-SDI-17265 consists of a single bedrock milling feature located in the west portion of the project area, within a flat valley. The single milling feature consists of a large slick, approximately 60x30 cm in area. No surface artifacts were noted. Disturbance noted included off-road vehicle activity adjacent to the site.

- **P-37-025968**

Isolate P-37-025968 was located within the northeast off-site improvement area. This isolate is a single piece of debitage, which was collected. No features or additional artifacts were noted.

3.4 SUMMARY

A field survey was conducted for the Merriam Mountains project area, 10 linear miles of associated off-site improvement areas, and 11 intersection off-site improvement areas. Ground visibility was poor because of dense vegetation along drainages, steep slopes, paved surfaces, and fair on knoll tops and valley areas. Areas containing dense vegetation and steep slopes were not surveyed. The field survey was positive, relocating previously recorded sites CA-SDI-4558, CA-SDI-9253, CA-SDI-9822, and CA-SDI-10747H and identifying two new sites (CA-SDI-17264 and CA-SDI-17265) and one isolate (P-37-025968). Sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, CA-SDI-5640, isolate find SDM-W-3880C, and the 1901 historic structure/location were not relocated.

SECTION 4
TEST RESULTS FOR CA-SDI-4558
(CALTRANS SITE)

4.1 INTRODUCTION

Site CA-SDI-4558 was originally recorded by Malcolm Rogers and was updated by Kearns in 1971 for the Interstate 15 project. Kearns described the site as an occupation site consisting of metates, manos, flakes, and core and cobble tools. In 1977, a test program was conducted for site CA-SDI-4558 for the Department of Transportation (Cook et al. 1977). A total of thirty-five 1x1-m units were excavated, producing large points, manos, battered implements, debitage, and marine shell (Figure 4-1 and Tables 4-1 and 4-2). In addition, two possible hearth features were exposed during the test program. Disturbances noted at the time of the original test program included the destruction of the southern portion of the site by the construction of Deer Springs Road; the construction of a paved access road and horse corrals across the eastern portion of the site; removal of top soil at the far east portion of the site; the construction of two houses; and previous agriculture use. Cook et al. (1977) stated that even with this amount of disturbance, a substantial cultural deposit (130-cm depth) was present at the site. In 1977, site CA-SDI-4558 was recommended and accepted as eligible for placement on the National Register of Historic Places (White 2005).

Site CA-SDI-4558 has not been updated since 1971, and a formal report of finding for the test program for CA-SDI-4558 was never submitted to the South Coastal Information Center. As the 1977 (Cool et al. 1977) test program did not fully address site size, supplemental testing of site CA-SDI-4558 was necessary. The purpose of the current test program was to define the primary site area, and to determine site depth, content, integrity, and site boundary.

FIGURE 4-1

CA-SDI-4558 SITE MAP FROM Cook et al. (1977) REPORT

(See Confidential Appendix)

Table 4-1
CA-SDI-4558: Cultural Material Recovered (1977)
(Incomplete Catalog)

Cultural Material	Surface	Units	Features	Total
Abrader	0	1	0	1
Anvil	0	0	1	1
Blade	0	1	0	1
Chopper	0	1	1	2
Core	1	35	2	38
Core/Hammer	0	3	0	3
Crystal	0	1	0	1
Debitage	1	4354	1	4356
Flake Tool	0	33	3	36
Ground Stone	0	11	6	17
Hammer	0	9	3	12
Mano	1	34	23	58
Mano/Pestle	0	0	1	1
Metate	0	6	6	12
Native Ceramic	0	5	0	5
Ochre	0	10	0	10
Pestle	0	1	0	1
Biface	2	3	0	5
Scraper	0	7	1	8
Antler	0	3	0	3
Bone Tool	0	8	0	8
Polished Bone	0	9	0	9
Shaped Bone	0	2	0	2
Bone*	0	549.2	0	549.2
Shell*	0	0.4	0	0.4
Total**	5	4537	48	4590

*Weight in grams
**Total does not include bone or shell

Table 4-2
CA-SDI-4558: Cultural Material Recovered by Unit (1977)

Unit Number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Cultural Material	0N/24W	0N/60W	0S/0W	0S/96W	11N/96W	11S/95W	12S/24W	12S/48W	12S/59W	12S/84W	18N/74W	1S/87W	1S/88W	22S/88W	24N/107W	24N/96W	24S/48W	25N/60W	26S/60W	27S/71W	27S/72W	28S/71W	28S/72W	2S/88W	35S/48W	35S/60W	36N/24W	36N/52W	36S/84W	47N/60W	48S/48W	5N/47W	5S/53W	60S/59W	Total
Abrader	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Blade	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Chopper	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Core	0	3	0	1	3	0	0	1	4	2	0	0	0	0	0	1	4	0	2	0	5	0	1	0	1	1	0	0	0	0	0	1	2	3	35
Core/Hammer	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3
Crystal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Debitage	8	239	10	57	57	35	34	260	59	259	88	37	89	6	2	21	145	15	434	254	308	376	270	107	177	324	3	3	52	6	188	46	171	214	4354
Flake Tool	2	0	0	0	1	0	0	0	2	0	1	3	0	0	0	0	0	0	1	2	2	4	11	1	0	3	0	0	0	0	0	0	0	0	33
Ground Stone	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	4	11
Hammer	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	3	0	9
Mano	0	2	0	0	1	0	0	0	1	2	0	0	0	0	4	3	0	1	2	0	1	3	0	1	1	2	0	0	0	0	3	0	7	0	34
Metate	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	6
Native Ceramic	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5
Ochre	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	3	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10
Pestle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Projectile Point	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3
Scraper	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	7
Antler	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	3
Bone Tool	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0	8
Polished Bone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	9
Shaped Bone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
Bone*	0	24.8	2.8	0.6	3.3	0.2	0	6.6	35.5	26.7	11.3	28.8	33.4	0	2.5	2.2	4.3	5.1	52.9	42.5	52.2	70.6	39.6	28.1	2.5	57.5	0	0	0.9	0	0.2	0.7	9	4.4	549.2
Shell*	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.2	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4
Total**	10	249	11	58	63	35	34	266	67	268	89	43	89	6	7	29	152	16	449	259	318	386	288	111	182	338	3	3	52	6	193	49	187	221	4537

*Weight in grams
**Total does not include bone or shell
Note: Table is incomplete (entries to catalog missing)

4.2 TEST RESULTS

Testing by Gallegos & Associates included excavation of 24 STPs, documentation of bedrock milling features, relocation of the site boundary, examination of the 1977 fieldwork notes, maps, and artifact catalogue, and artifact cataloguing and analysis for the current test program (Figure 4-2). The 24 STPs were placed in both north-south and east-west directions across the site and in areas tested by Cook in 1977. A total of 18 STPs were positive, producing one biface, 75 debitage, two ground stone fragments, and 3.8 grams of bone (Table 4-3 and Appendix B). Rodent disturbance and modern trash dumping were noted throughout the site. Two foundations were identified within and adjacent to site CA-SDI-4558. Both foundations appear to be the remnants of residential structures; however, based on previous work (Cook et al. 1977), the structures are dated post 1947.

4.3 MILLING FEATURES

Two bedrock milling features (BRM) were identified during the current study. BRM-1 is located on a flat sloping boulder in the central portion of the site, southwest of the house foundation (Figure 4-3). BRM-2 is located on a flat sloping boulder in the central portion of the site, south of the house foundation (Figure 4-4). Both bedrock milling features exhibit heavy weathering and portions of the milling elements have exfoliated.

4.4 LITHIC ANALYSIS (by Tracy Stropes)

4.4.1 Technological Assessment

The technological identification of all debitage sampled was based on work by Flenniken (Flenniken 1981 and 1985) for analysis and interpretation. Technological lithic analysis based upon replicative data was conducted for all flaked stone artifacts recovered as a result of the subsurface site boundary assessment for CA-SDI-4558. Technological identifications were ascertained for all lithic artifacts recovered from the 18 positive

FIGURE 4-2

CA-SDI-4558 SITE MAP SHOWING PREVIOUS UNITS, CURRENT STPs, BEDROCK MILLING LOCATIONS, AND REVISED SITE BOUNDARY

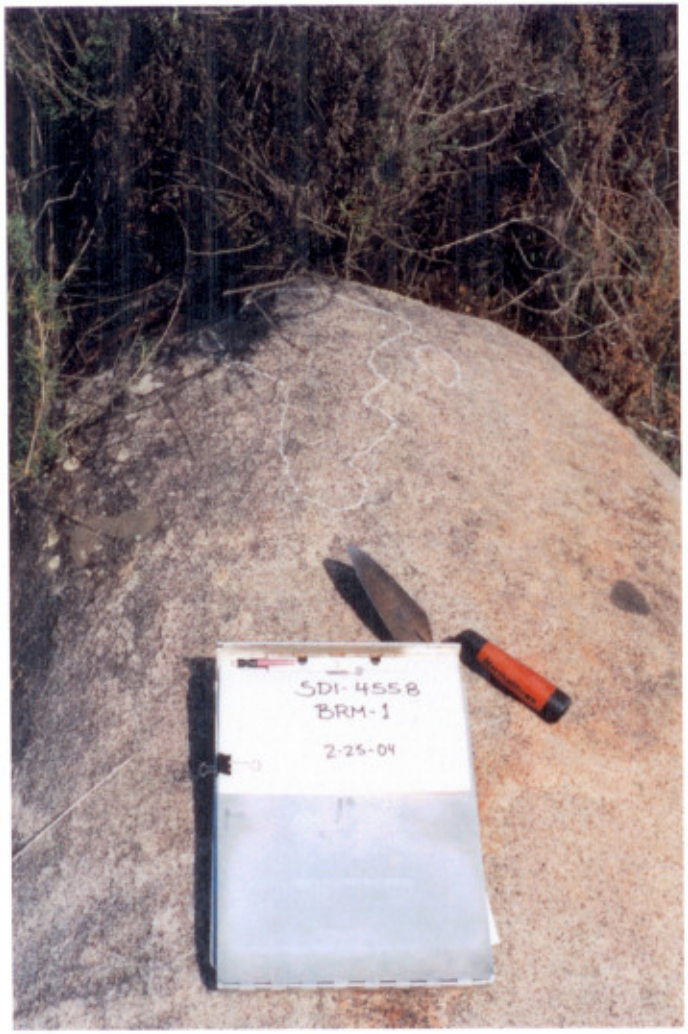
(See Confidential Appendix)

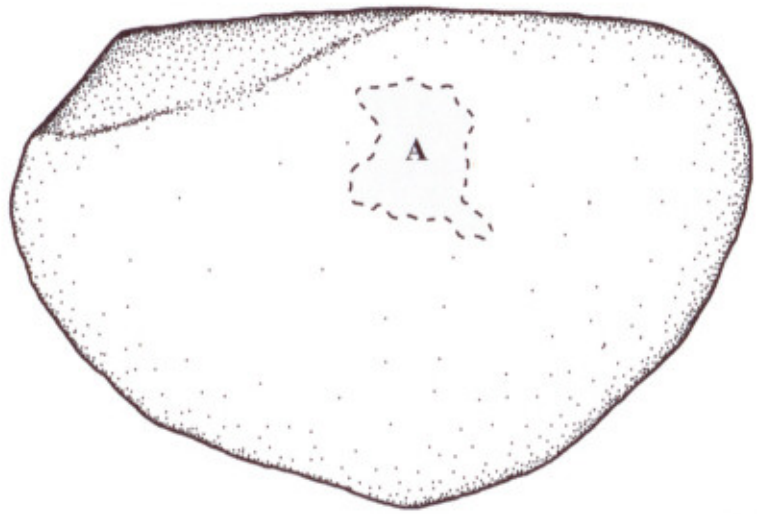
Table 4-3
CA-SDI-4558: Cultural Matrial Recovered from STPs

Cultural Material	STP Number																		Total
	3	4	5	7	8	9	11	12	13	14	15	16	17	18	19	21	23	24	
Biface	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Debitage	2	1	1	5	1	7	5	5	4	13	2	3	4	4	4	2	6	6	75
Ground Stone	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
Bone*	0	0	0	0.1	0	0.1	0.3	0.5	0	0	0	1.9	0.9	0	0	0	0	0	3.8
Total**	2	1	1	5	1	7	6	5	4	13	2	4	4	4	4	2	7	6	78

*Weight in grams

**Total does not include bone

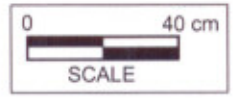




KEY

= Milling Slick

A. = slick (40cm N/Sx40cm E/W)

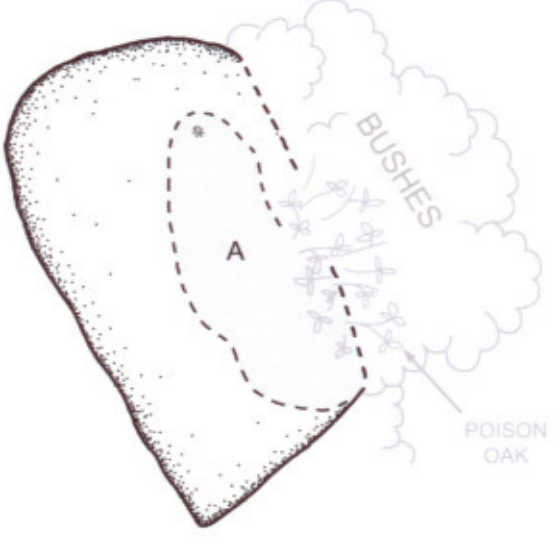


Gallegos & Associates

CA-SDI-4558; Bedrock Milling Feature 1

FIGURE 4-3

Photograph of Bedrock Milling Feature 2; Facing East



KEY

= Milling Slick

A. = slick (80cm N/S x 40cmE/W)

0 40 cm
SCALE

Gallegos & Associates

CA-SDI-4558; Bedrock Milling Feature 2

FIGURE 4-4

Gallegos & Associates' STPs. All lithic artifacts were also examined on the basis of raw material types and reduction stage categories (Appendix C).

All debitage recovered from the 18 positive STPs was analyzed, identified, and assigned to specific technological categories and stages. Technologically diagnostic debitage was assigned to a specific reduction category, and served as the basis for interpretation of lithic technology. Preliminary analyses indicate that artifacts recovered from the site are intra-site similar in technological character. As such, the sample of the entire excavated assemblage is considered homogenous. As no technological change was identified either horizontally through the site or vertically across the site, all artifacts from the site were combined for the purpose of interpretation of the site's lithic technology. Technological analyses of the artifact sample identified two specific reduction technologies that were employed by the sites prehistoric knappers. The assemblage is composed of primarily two reduction technologies including nodule core reduction, and, to a lesser extent, biface reduction. As stated previously, these reduction technologies may be part of the same continuum, as flakes from nodule core reduction may have been used as flake blanks for flake-based biface production.

The lithic assemblage from CA-SDI-4558 was recovered from 18 positive STPs. All formed artifacts and debitage were combined for the purpose of analysis. Out of 75 debitage, 36% (n=27) were technologically diagnostic (Tables 4-4 and 4-5) of two different reduction technologies, while 64% (n=48) were technologically undiagnostic (Table 4-6). Only three lithic toolstone materials were represented in the CA-SDI-4558 assemblage (including both technologically diagnostic and undiagnostic debitage). These materials include 59 metavolcanic, 10 quartz and 6 Piedra del Lumbre (PDL) chert.

- **Nodule Core Reduction**

The most common reduction technology identified in the data recovery assemblage was nodule core reduction. Fifteen (93.2%) of the technologically diagnostic debitage supported nodule core reduction (see Table 4-4). Two nodule core platform types were

Table 4-4
CA-SDI-4558 Diagnostic Nodule Core Debitage by Material

Nodule Core Reduction	Material		Total
	Metavolcanic	**Quartz**	
Single-Facet Platform			
SFP-10	1	0	1
SFP-11	7	2	9
Subtotal, Single-facet Platform	8	2	10
(% Diagnostic Debitage)	53.3%	13.3%	66.7%
Multi-faceted Platform			
MFP-6	1	0	1
MFP-11	3	1	4
Subtotal, Multi-faceted Platform	4	1	5
(% Diagnostic Debitage)	26.7%	6.7%	33.3%
Total	12	3	15
(% Diagnostic Debitage)	80.0%	20.0%	100.0%

Table 4-5
CA-SDI-4558 Diagnostic Biface Debitage by Material

Biface Debitage	Material			Total
	Metavolcanic	**Quartz**	**PDL**	
302.E-	1	0	0	1
303.E+	1	0	0	1
305.L+	3	0	0	3
400.E-	1	1	2	4
402.L-	0	0	3	3
Total	6	1	5	12
(% Diagnostic Debitage)	50.0%	8.3%	41.7%	100.0%

Table 4-6
CA-SDI-4558 Undiagnostic Debitage by Material

	Material			
Undiagnostic Flake Fragments	**Metavolcanic**	**Quartz**	**PDL**	**Total**
Uw/icc	1	1	0	2
Uwo/c	40	5	1	46
Total	41	6	1	48
(% of Column)	85.4%	12.5%	2.1%	100.0%

represented at CA-SDI-4558. Single-facet platform debitage was represented by ten flakes and multi-faceted platform debitage by five flakes. These two platform configurations suggest two different platform preparations on cores.

The most frequently occurring single-facet platform debitage category was SFP-11 (n=7). While flakes in this category are ideal flake blanks, these specific flakes were broken or were too small for use. The most common (n=4) multi-faceted platform debitage category was MFP-11. As with single-facet platform cores, this flake category comprises ideal flake blanks, but the specific flakes from CA-SDI-4558 were broken or were too small for use and likely discarded.

- **Biface Reduction**

For this analysis, biface reduction debitage was divided into five reduction-oriented technological categories (as defined by Flenniken and Stropes 2002) that were, in turn, employed to define the reduction sequences used at CA-SDI-4558. These include core reduction (Category 1), edge preparation (Category 2), percussion bifacial thinning (Category 3), pressure bifacial thinning (Category 4), and undiagnostic fragments (Category 5). However, in the present assemblage no Category 1 bifacial reduction debitage was identified. The following technological definitions have been offered by Flenniken and Stropes (2002) for the previously mentioned bifacial technological categories:

1. *Core reduction*, that is, primary decortication debitage segregated on the basis of approximately 100% cortex on the dorsal surface and platform configuration; secondary decortication debitage separated based upon partial dorsal cortex and platform type; and interior debitage categorized by platform attributes, dorsal arris count and direction, flake cross/long-section configuration, and especially, absence of dorsal cortex;

2. *Edge preparation*, that is, bifacial reduction debitage classified on the basis of multi-faceted platform configuration and location, location of remnant bulb of force, dorsal arris count and direction, flake termination, flake cross/long-section orientation, and presence or absence of detachment scar;

3. *Percussion bifacial thinning*, that is, debitage segregated on the basis of multi-faceted platform configuration, size, lipping, and location, dorsal arris count and direction, flake termination, cross/long-section orientation, and presence or absence of detachment scar;

4. *Pressure bifacial thinning*, that is, debitage separated on the basis of multi-faceted platform configuration and location, dorsal arris count and direction, flake termination, platform-to-long axis geometry, cross/long-section orientation, and presence or absence of detachment scar (Appendix C); and,

5. *Undiagnostic fragments*, that is, potlids (995.PL), bipolar shatter (996.SH), and flake fragments, with cortex (including type [997.UP and 998.UI]) or without cortex (999.UN).

A limited number (n=12) of technologically diagnostic flakes were identified as biface reduction debitage from the present sample (see Table 4-3). Two flakes were early percussion bifacial thinning flakes (302.E-, 303.E+), while three were late stage percussion bifacial thinning flake (305.L+). In addition, four early (400.E-) and three late stage (402.L-) pressure flakes were identified within the technologically diagnostic portion of the assemblage. The presence of these technological categories suggests bifacial tools were thinned and/or resharpened by percussion and pressure at CA-SDI-4558.

- **Undiagnostic Debitage**

A total of 48 technologically undiagnostic flake fragments were also identified from this assemblage (see Table 4-5). Only two fragments possessed cortex (Uw/icc), while 46 were cortex-free (Uwo/c). The cortex noted on these flakes includes only flakes with incipient cone cortex common on local lithic materials. The overall lack of cortex on debitage across the site suggests that the cores used to produce flakes at CA-SDI-4558 had been prepared (decorticated and shaped) at another location.

4.4.2 Anthropological Interpretation

Based on the technological assessment of the debitage assemblage recovered at CA-SDI-4558 the following anthropological interpretation of the assemblage is offered:

- **Nodule Core Reduction**

Nodule core reduction technology is the most common technology identified in the lithic sample from CA-SDI-4558. Products of nodule core reduction are the most abundant in the site as measured by percent of technologically diagnostic flakes. This simple and expedient technology was so commonly used because of the local abundance of nodule metavolcanic materials. Furthermore, this technology provided a simple and relatively effortless method to produce useful flake blanks intended for further reduction. Variability among the analyzed assemblages can be studied at two scales, individual artifacts and artifact assemblages, and this variability is explained by several factors: the shape and size of raw material packages, stages of reduction, and site specific knapping activities.

Pebbles, cobbles, and, to a lesser extent, boulders were selected for size, shape, material quality, and platform location. Nodules with natural platforms were reduced directly by percussion in a circular manner around the natural platform. The location of dorsal cortex indicates the sequence of flake removals (Appendix C). Cores with faceted

platforms are nodules that required platform preparation prior to reduction. This occurred usually when a nodule of high quality material was selected, but the nodule did not possess a suitably shaped platform. It was, therefore, necessary to create a functional platform by percussion flaking. The desired products of nodule core reduction were flake blanks that were thin in cross-section, long and narrow in planview, and effectively range between 4 to 10 cm in length.

Debitage produced from nodule core reduction (i.e., natural platform cores, single-facet cores) was classified according to the pattern of dorsal cortex present (if any), and platform attributes. Dorsal cortex attributes provide clues concerning two processes: 1) stage of reduction; and, 2) patterning of flake removals. Generally, the amount of cortex will decrease through the reduction sequence. Flakes with 100% dorsal cortex (NP/SFP/MFP-1s), therefore, usually result from earlier portions of the sequence, while flakes with no dorsal cortex (NP/SFP/MFP-11s) result from the latter portions of the sequence. The abundance of flakes that lack dorsal cortex is explained by the fact that once cortex is removed from a nodule, perhaps early in the reduction sequence, all subsequent flakes will no longer have dorsal cortex. The positioning of dorsal cortex results from the patterning of flake removals (clockwise, counterclockwise, or unpatterned in relation to the platform). The analysis of the CA-SDI-4558 assemblage revealed no meaningful patterns regarding the sequence of flake removals. In other words, cores were not consistently reduced in a clockwise sequence, but instead were probably reduced in whatever manner made sense considering the shape of a given nodule.

Another aspect of variability seen in the nodule core reduction debitage assemblage relates to platform characteristics. This variability also appears to result purely from technological considerations rather than, for instance, a “mental template” to which might be attached some chronological or ethnic significance. Three types of platforms are found (unprepared/natural/cortical, single-facet, and multi-faceted), and they vary in part according to the amount of shaping required to obtain a suitable platform configuration for successful flake removals (a uniform platform surface and adequate

platform angle). Some nodules required no shaping (natural platforms) to obtain a proper platform configuration; others required more (multi-faceted platforms) or less (single-facet platforms) shaping. It is expected that these different platform types could have been produced within a single reduction sequence as a result of adjustments made in response to the changing shape of the core as it was reduced. This is supported by the highest frequencies of "late stage" debitage (NP/SFP/MFP-11s) that occur in combination with faceted platforms.

Another source of inter-site variation may result from initial nodule core reduction conducted at one site, and then transported and later reduced at a second location or site. It appears that cores were not always entirely reduced at a single location; instead, initial shaping may have been performed at one site and subsequent core reduction performed at another. This is indicated by the minimal number of early reduction stage flakes and the higher frequency of late reduction stage flakes recovered from CA-SDI-4558. Alternatively, this pattern could be explained as a result of sampling bias resulting from incomplete or non-representative artifact collection.

Intended end products of this technology (flake blanks and flake tools) were likely transported for use or further reduction outside of the study area, since the most useful blanks (NP/SFP/MFP-11s) were absent from the analyzed collection, and, when present, were broken or too small to have served as useful tool blanks.

- **Biface Reduction**

Biface reduction is not well represented at this site. The biface reduction debitage sample consisted of 12 flakes previously discussed in Section 4.4.1. One biface fragments was recovered from the present Gallegos & Associates excavations that supports the manufacture of bifacial tools at CA-SDI-4558. This sample is small, however, and does not lend itself to a lengthy discussion concerning the employment of biface technology at the site.

4.4.3 Formed Artifacts

- **Biface**

Excavations at CA-SDI-4558 by Gallegos & Associates resulted in the recovery of one biface. The single quartz biface fragment (Figure 4-5) was recovered from STP 11 at the 10-20-cm level. The biface is an early stage bifacial preform that likely fractured during manufacture. This is evidenced by the presence of bending fracture near the medial section of the biface. Bending fractures most commonly occur when the knapper fails to support the objective piece properly during the percussion stages of bifacial shaping. As is to be expected, the biface was likely abandoned at this juncture, as no evidence of further reduction beyond the bending fracture is apparent (i.e., early/late stage pressure flaking). The specimen measures 29.1x25.5x9.2 mm with a weight of 7.4 grams. Although the final intended use for the specimen is unknown, the biface falls within the weight range of bifaces produced for most dart points (>3.5g).

4.4.4 Analysis Summary

Based upon the technological analysis of debitage from the excavations at CA-SDI-4558, the following anthropological descriptions of nodule core reduction are offered. First, nodules of primarily fined-grained metavolcanic materials were selected for direct free-hand percussion core reduction. All of these nodules were reduced with either single-facet or multi-faceted platforms. This suggests nodules were selected and prepared outside of the present site area. A single pattern of flake removal could not be identified within the present core reduction techniques. Interestingly, sizeable, useable flakes without dorsal surface cortex were not noted in this assemblage, suggesting these flakes were produced at CA-SDI-4558, but transported elsewhere. Nodule core reduction is the most commonly occurring technique noted at CA-SDI-4558. Biface reduction was poorly represented at CA-SDI-4558, as evidenced by the presence of 12 biface reduction thinning flakes. These flakes, as well as the biface fragment, suggest bifaces were at least partially thinned and possibly used at CA-SDI-4558.

Catalogue No. 4558-59

Gallegos & Associates

Diagram of Biface from Site CA-SDI-4558	**FIGURE 4-5**

Based upon the lithic technology identified at CA-SDI-4558, this site may have served as a short-term habitation site. Flake production from metavolcanic nodules from local sources occurred at the site, suggesting flake tool use occurred at the site, even though few of these tools were found as part of the present lithic assemblage. Most likely, these tools were manufactured at the site, used at the site, and then transported elsewhere for use where toolstone materials may not have been as readily accessible.

4.5 GROUND STONE ANALYSIS

All ground stone materials recovered from the Gallegos & Associates assessment were selected for analysis and interpretation. Ground stone tools are associated with the processing/milling of plants, seeds, nuts (i.e., acorns, walnuts, holly leaf cherry), and the processing of small mammals. In addition, ethnographic evidence indicates that bone, clay, and pigments may also have been processed with the same tools (Gayton 1929; Kroeber 1925; Spier 1978). Implements of this type may be identified by the pattern of wear developed through milling stone against stone. This process often results in a smooth and/or polished surface, depending on the substance ground and the lithic material type. Often these surfaces are pecked or resharpened when ground too smooth. These implements are sometimes shaped into a desired form by pecking, grinding, or flaking. Thus, tool identification is based on the presence of ground or smooth surfaces, pecked or resharpened surfaces, and evidence of shaping of the tool form. Ground stone tools are generally separated into five groups: manos, metates, pestles, mortar/bowls and unidentifiable ground stone fragments. Unidentifiable ground stone is defined herein as a fragment of lithic material with a minimum of a single ground surface, but with no technologically identifiable characteristics to indicate tool form.

4.5.1 Ground Stone Fragments

The two ground stone fragments recovered have some grinding, but lack any defining attributes that would facilitate tool identification. Each of the fragmentary pieces of

granitic ground stone are thermally damaged. The lithic material used for ground stone was locally available.

4.6 VERTEBRATE FAUNAL ANALYSIS

The 3.8 grams of bone fragments recovered from CA-SDI-4558 lack the morphological features that allow them to be identified to a taxonomic category greater than their class. The present specimens are representative of primarily small to medium size mammals. The category of small mammals (2.2 grams of the collection) roughly equates to all non-diagnostic vertebrate fragments, whose sizes are between a mouse and a jackrabbit. Those fragments defined as medium size mammal (1.6 grams of the collection) roughly equate to non-diagnostic vertebrate fragments, whose sizes are larger than a jackrabbit, but smaller than a deer. Evidence of burning was present on only a small portion of the collection. This may represent bone that was burned during preparation or may also be the result of having been discarded in a fire hearth (Wing and Brown 1979).

4.7 SUMMARY

Testing at CA-SDI-4558 by Cook et al. (1977) and Gallegos & Associates recovered a wide range of artifacts to include cobble and flake tools, bifaces, milling tools, bone tools, a crystal, ceramics, shell, and bone. Disturbances observed at CA-SDI-4558 include construction of roads and houses, grading, agriculture use, modern trash dumping, and rodent disturbance. Flake production from locally available nodules suggests flake tool use and/or biface production. Most likely, these tools were manufactured and used at the site, then transported elsewhere for use where stone tool materials may not have been as readily accessible. This site is identified as an Early Period habitation site with a light Late Period component. A wide range of activities were probably conducted including hunting, and collection and processing of plants and seeds, as represented by the biface and ground stone tool fragments. The presence of bone and shell identifies the exploitation of small to medium mammals, and demonstrates the variety of foods collected, hunted, and processed.

SECTION 5
TEST RESULTS FOR CA-SDI-9253

5.1 INTRODUCTION

Site CA-SDI-9253 was originally recorded by Heuett (1982) as multiple bedrock milling features consisting of several slicks. Cardenas (1986a) updated the site for the Sycamore Ridge project and extended the site boundary to approximately 159x55 m in area. The 1986 update described site CA-SDI-9253 as a temporary camp consisting of rock shelters, bedrock milling features, debitage, and a midden deposit. The west portion of the site has been impacted by the construction of a post-1930s homestead (see site CA-SDI-10747H).

5.2 TEST RESULTS

Site CA-SDI-9253 was tested by Gallegos & Associates in December 2004 to determine site significance. It should be noted that the reported rock shelter was in the drainage with no evidence of occupation. Testing included collection of surface artifacts, excavation of 13 STPs and one 1x1-m test unit, and artifact cataloguing and analysis (Figure 5-1 and Table 5-1). Cultural material recovered from the test program included 15 debitage and 1.2 grams of bone. Disturbance at the site included some light foot traffic, off-road vehicle activity, and rodents.

5.2.1 Surface Collection

Cultural material recovered from the surface of CA-SDI-9253 included two debitage (see Table 5-1).

FIGURE 5-1

CA-SDI-9253/CA-SDI-10747H SITE MAP SHOWING STRUCTURES, SURFACE ARTIFACTS, BEDROCK MILLING, STPs, AND 1x1 METER UNIT

(See Confidential Appendix)

Table 5-1
Cultural Material Recovered from CA-SDI-9253

Cultural Material	Surface	Unit 1	Total
Debitage	2	13	15
Bone*	0	1.2	1.2
Total**	2	13	15

*Weight in grams
**Total does not include bone

5.2.2 Shovel Test Pits (STPs)

Thirteen shovel test pits (STPs) were excavated to determine the presence or absence of subsurface materials and extent of the subsurface deposit (see Figure 5-1). STP excavation resulted in thirteen negative STPs.

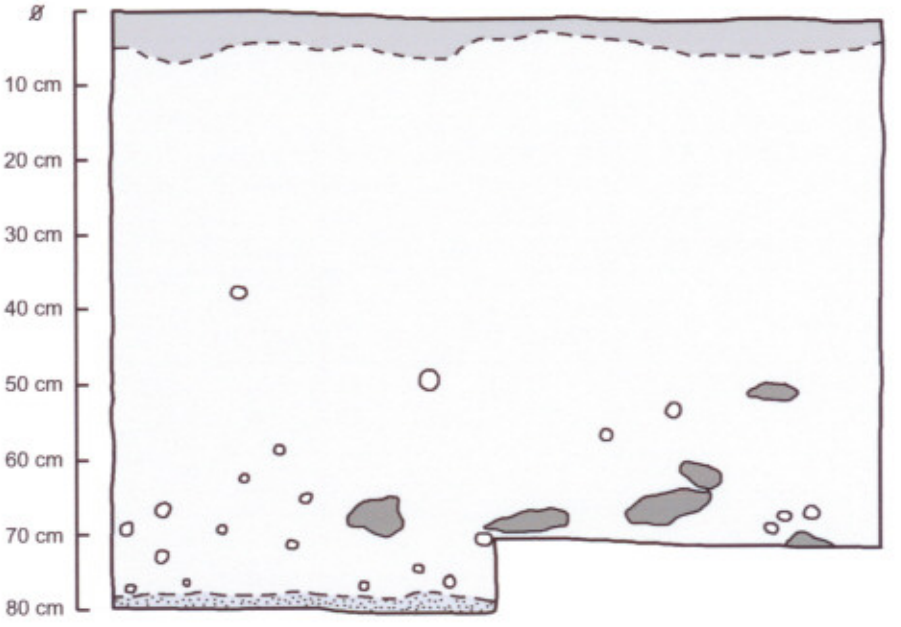
5.2.3 Test Units

One 1x1-m unit was placed in a flat area adjacent to BRM-1 and BRM-2. Soil stratigraphy included loose, brown sandy gravelly loam with a high organic content from the unit surface to approximately 5 to 10 cm subsurface (Figure 5-2). From approximately 10 cm to approximately 78 cm, soil was brown, lightly compacted, sandy gravelly loam, becoming increasingly rocky (sub-angular, granite clasts) from approximately 50 cm to depth. A number of larger roots (to 1 inch diameter) were also noted from 50 cm to depth. At approximately 78 to 80-cm, soil changed to light brown, compacted, gravelly, decomposing granite and the unit was terminated. Cultural material recovered from Unit 1 included 13 debitage and 1.2 grams of bone (see Table 5-1).

5.2.4 Milling Features

Four bedrock milling features were identified during the current study. BRM-1 (three basins, one slick) and BRM-2 (one slick) are located on separate flat sloping boulders in the central portion of the site, southeast of the house foundation (Figures 5-3 and 5-4). BRM-3 (one slick) is located adjacent to a dirt road, between STP 2 and STP 10. BRM-4 (four basins, four slicks) is located northwest of STP 6 (Figure 5-5 and Figure 5-6). All milling features exhibit heavy weathering and portions of the milling elements have exfoliated.

CA-SDI-9253; Unit 1



KEY

= loose, brown, sandy gravelly loam with high organic content
= lightly compacted, brown, sandy gravelly loam
= highly compacted, light brown, gravelly decomposing granite
= larger, subangular granite clasts
= large roots

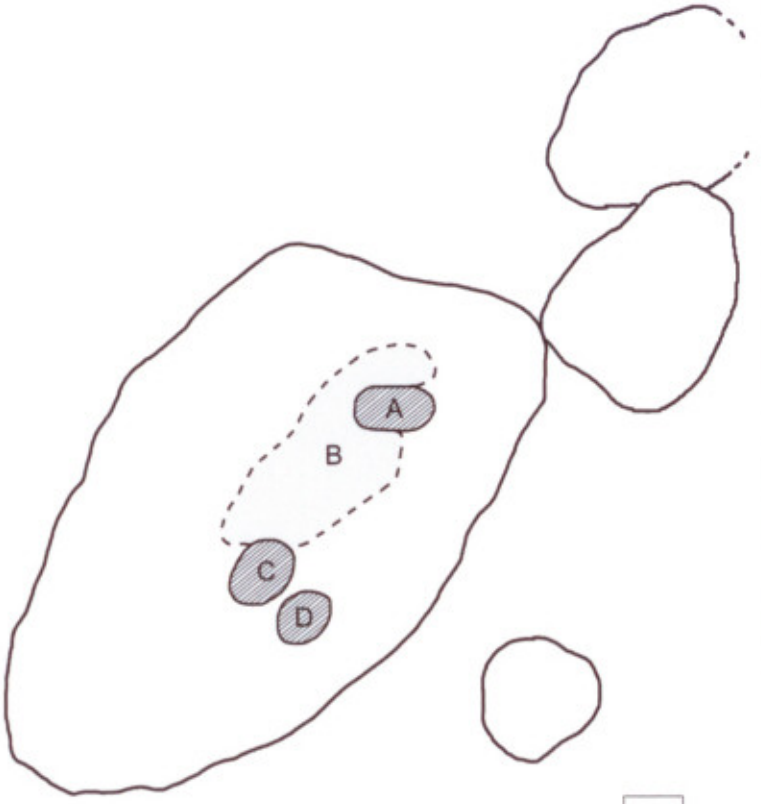
10 cm
SCALE

Gallegos & Associates

CA-SDI-9253; Unit 1, West Sidewall Profile

FIGURE 5-2

Bedrock Milling Feature 1; Facing Northeast

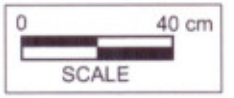


KEY

= Milling Slick

= Basin

A. = basin (12cm N/S x 20cm E/W x 1cm depth)
B. = slick (35cm N/S x 70cm E/W)
C. = basin (13cm N/S x 20cm E/W x 2cm depth)
D. = basin (10cm N/S x 12cm E/W x 1cm depth)

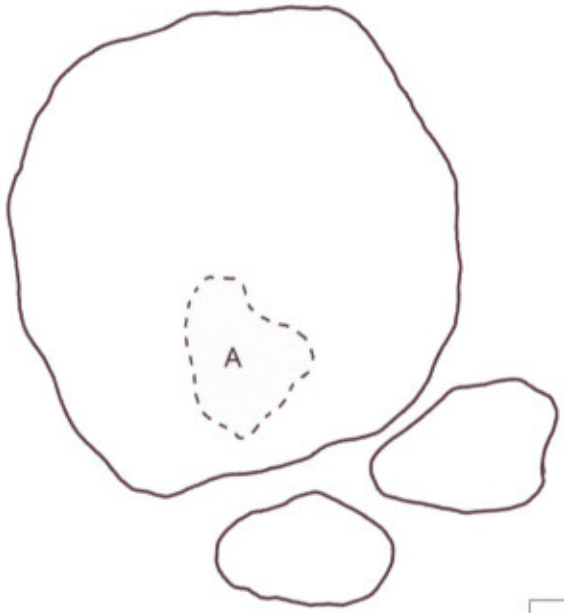


Gallegos & Associates

CA-SDI-9253; Bedrock Milling Feature 1

FIGURE 5-3

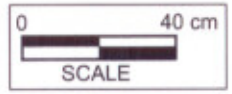
Bedrock Milling Feature 2; Facing Southwest



KEY

= Milling Slick

A. = slick (40cm N/S x 30cm E/W)

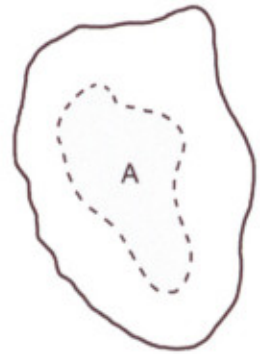


Gallegos & Associates

CA-SDI-9253; Bedrock Milling Feature 2

FIGURE 5-4

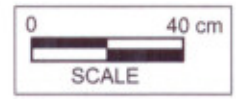
Bedrock Milling Feature 3; Facing East



KEY

= Milling Slick

A. = slick (60cm N/S x 30cm E/W)

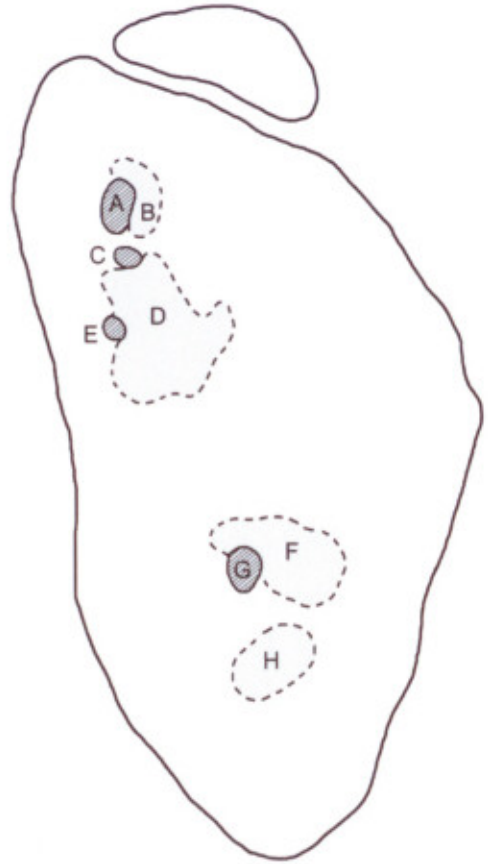


Gallegos & Associates

CA-SDI-9253; Bedrock Milling Feature 3

FIGURE 5-5

Bedrock Milling Feature 4; Facing South

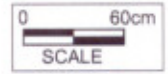


KEY

= Milling Slick

= Basin

A. = basin (26cm N/S x 22cm E/W x 1cm depth)
B. = slick (32cm N/S x 26cm E/W)
C. = basin (11cm N/S x 12cm E/W x 1cm depth)
D. = slick (65cm N/S x 60cm E/W)
E. = basin (12cm N/S x 15cm E/W x 1cm depth)
F. = slick (30cm N/S x 62cm E/W)
G. = basin (22cm N/S x 17cm E/W x 1cm depth)
H. = slick (40cm N/S x 32cm E/W)



Gallegos & Associates

CA-SDI-9253; Bedrock Milling Feature 4

FIGURE 5-6

5.3 ARTIFACT ANALYSIS (by Tracy Stropes)

The artifact assemblage from CA-SDI-9253 consists of a narrow range of artifact types including 15 debitage and 1.2 grams of bone (see Table 5-1). All 15 debitage are of metavolcanic material.

5.3.1 Debitage

Technological lithic analysis based on replicative data was conducted for the debitage recovered from CA-SDI-9253. The technological identification of all debitage was based on work by Flenniken (Flenniken 1981 and 1985) for analysis and interpretation. All materials were recovered from Unit 1 and the surface collection. Because of the minimal amount of debitage recovered, all material from Unit 1 was selected for technological analysis. Eight of the specimens are non-diagnostic flake fragments. The sample of technologically diagnostic debitage comprises the remainder of the overall sample (n=5). Of the diagnostic sample, nodule core reduction comprises 100% of the sample. It is likely that because of the small size of the present sample and the small amount of cortical debitage, the collection represents the maintenance and/or minimal reduction of a prepared nodule core(s).

5.4 VERTEBRATE FAUNAL ANALYSIS

A total of 1.2 grams of vertebrate faunal remains were recovered from excavations at CA-SDI-9253. The bone fragments were small, unburned, and primarily unidentifiable. The bone may represent local fauna (avian), not associated with the site occupation activities. The paucity of bone may be attributed to site type activity (i.e., non-hunting), or poor preservation conditions at CA-SDI-9253.

5.5 SUMMARY

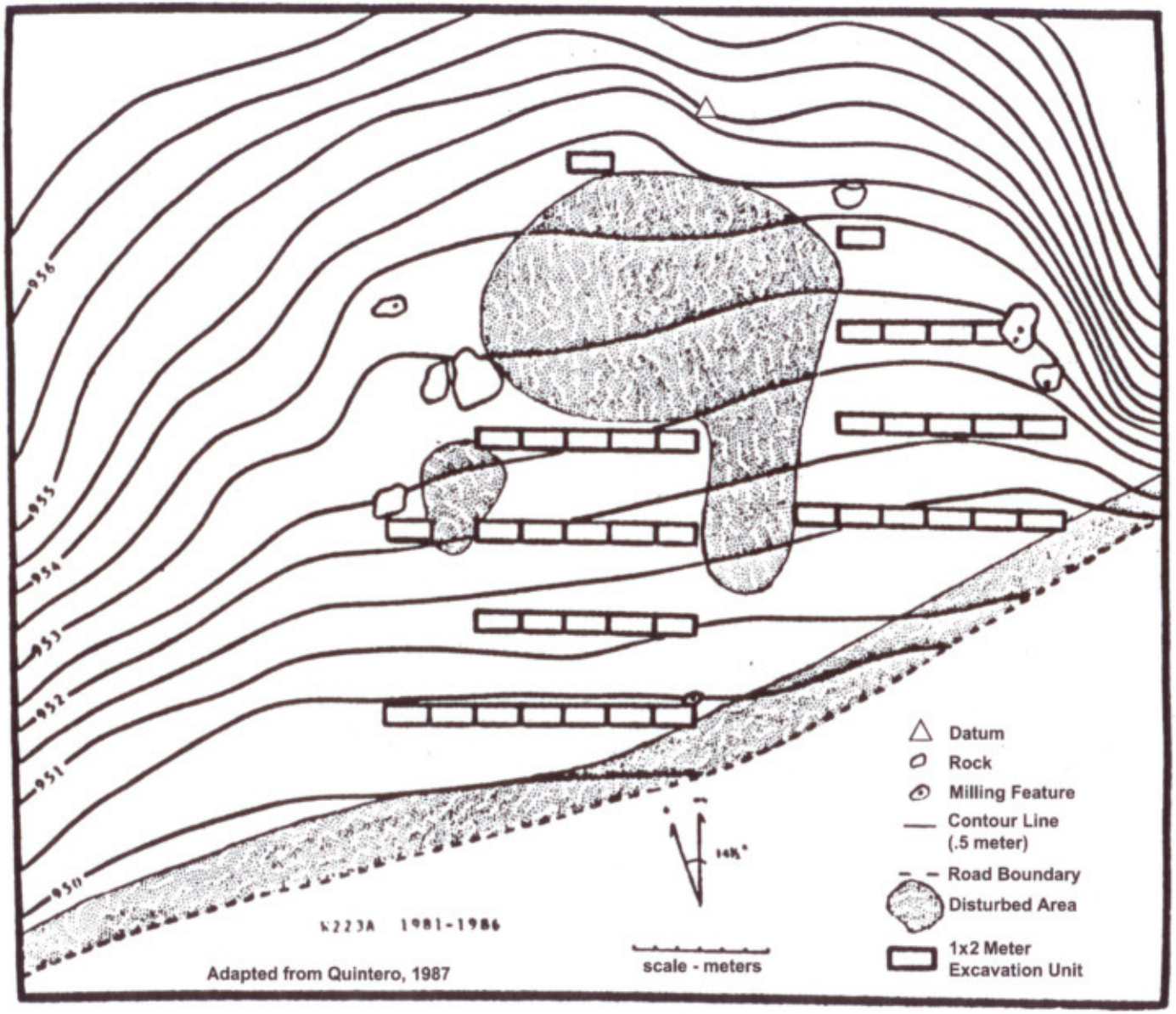
Testing at CA-SDI-9253 included the excavation of 13 STPs and one 1x1-m unit. In all, testing at CA-SDI-9253 produced 15 debitage and 1.2 grams of bone. Disturbance from both bioturbation and organic materials was noted in Unit 1. A small amount of nodule core reduction activities may be apparent within the lithic assemblage. However, the remains of flintknapping activities are minimal at the site. The present sample is too small to make any definitive statements concerning the past activities of the inhabitants of CA-SDI-9253. It is probable that the site represents an artifact scatter where milling of plants and seeds and a brief period of occupation may have taken place.

SECTION 6
TEST RESULTS FOR CA-SDI-9822
(DEER SPRINGS SITE)

6.1 PREVIOUS WORK

Site CA-SDI-9822 (SDM-W-223-A) was originally recorded by Rogers (n.d.) as a habitation site, consisting of a dark midden, flakes, mano fragments, a large amount of shell, and bedrock milling features. The southern portion of site CA-SDI-9822 has been highly disturbed by the construction of Deer Springs Road; however, an intact cultural deposit is present south of the road. Site CA-SDI-9822 was updated by Hedges (1977), and a heavily weathered and exfoliated red pictograph feature was identified on a rock face, situated in the northwest portion of the site. In 1990, site CA-SDI-9822 was again updated by Crull (1990b). Palomar Community College conducted a field school from 1980 to 1989 under the direction of Dennis O'Neil, Ph.D. Approximately 40 1x2-m test units, with an average depth of 120 cm, were excavated and as a result, an extensive collection of over 80,000 primarily Late Period artifacts, including arrow points, pottery, ceramic pipe fragments, bone tools, milling tools, beads (bone, shell, stone, and glass), arrow shaft straighteners, stone tools for cutting, chopping, and scraping, obsidian, shell, bone, and cremations were recovered (Figure 6-1 and Table 6-1). It should be noted that the only written report on this site is the M.A. thesis on the faunal assemblage by Quintero (1987). Also, the site is reported (White and White n.d.) to have been radiocarbon dated to 540±60 years B.P.; however, no documentation was found to confirm the radiocarbon date.

During a field class survey, Palomar Community College students Diehl and Brown (1986) updated site CA-SDI-9822; however, the site form update was never submitted to the South Coastal Information Center. Ten bedrock milling features were recorded by Diehl and Brown (1986). One bedrock milling feature, ceramics, and shell were reported south of Deer Springs Road. The southern portion of the site has been impacted by the construction of Deer Springs Road and a trailer park south of Deer Springs Road. Crull



Gallegos & Associates

CA-SDI-9822 (W-223A) Palomar College Excavation Map

FIGURE 6-1

Table 6-1
Artifact Types at Site CA-SDI-9822*

Cultural Material	Surface	1X2-m Units	Total
Bone Awl	0	100	100
Bone Bead	0	14	14
Bone Hairpin	0	1	1
Bone Ornament	0	238	238
Bone Pipe	0	1	1
Bone Tool	1	18	19
Biface	0	16	16
Projectile Point	13	444	457
Knife	8	69	77
Crescentic	0	1	1
Uniface	1	0	1
Chopper	1	22	23
Scraper	13	374	387
Core/Hammer	0	1	1
Core	1	342	343
Multipurpose Stone Tool	0	3	3
Stone Awl	0	2	2
Retouch Flake	0	2	2
Utilized Flake	13	523	536
Flake Tool	0	15	15
Debitage	984	62713	63697
Stone Ornament	0	3	3
Stone Bead	0	29	29
Pounder	0	1	1
Hammerstone	1	10	11
Hammer/Grinder	0	21	21
Abrader	0	6	6
Arrow Shaft Straightener	0	4	4
Mano	10	104	114
Pestle	2	10	12
Metate	5	39	44
Unidentified Ground Stone	3	34	37
Native Ceramic	10609	8192	18801
Ceramic Pipe	1	33	34
Shell Bead	5	3327	3332
Shell Ornament	0	23	23
Glass Bead	0	116	116
Glass Bottle	0	5	5
Misc. Glass	0	10026	10026
Faunal Bone**	1120	270963	272083
Faunal Shell**	12007	72346	84353
Total***	11671	76851	88522

*Table 6-1 is only an approximation of recovered cultural material at CA-SDI-9822, as the original catalog was incomplete.
**Weight in grams
***Total does not include shell, bone, or glass bottles/misc. glass

(1990b) reported that the habitation area and milling features north of Deer Springs Road are protected by a chain-link fence; however, additional milling features, the pictograph feature, and surface artifacts are located outside of the fence.

6.2 TEST RESULTS (this study)

Testing at site CA-SDI-9822 included: a survey of the site; recording of bedrock milling features; GPS mapping of bedrock milling features and the pictograph feature; examination of the 1980-1989 Palomar Community College field notes, maps, and artifact catalogue; and, excavation of five shovel test pits (STPs) to determine the presence or absence of subsurface materials south of Deer Springs Road. A Trimble GPS unit was used to determine the location of the bedrock milling features and pictograph feature, thereby redefining the original site boundary. The site boundary was extended west, north, and east of the fenced site area to include additional bedrock milling features and the pictograph feature, and south to include the portion of the site south of Deer Springs Road (Figure 6-2). Surface artifacts noted include debitage, ceramic sherds, burned bone, and a clay pipe fragment. No surface artifacts were collected. Given the extensive excavation conducted by Palomar Community College in the portion of the site north of Deer Springs Road, no additional excavation was conducted. Rodent disturbance, foot traffic, and modern trash dumping were noted within the fenced area. The portion of site CA-SDI-9822 adjacent to and north of Deer Springs Road is currently eroding into the roadway and the original protective fence has been partially torn down along Deer Springs Road.

6.2.1 Milling Features and Pictograph Feature

A total of 12 bedrock milling features were documented at site CA-SDI-9822. Documentation of the milling features consisted of a drawing, a photograph, and GPS mapping. BRM-1, BRM-2, BRM-3, BRM-4, BRM-5, and BRM-12 are located outside of the fenced site area, along the west and south-facing slopes of the adjacent hills. BRM-6, BRM-7, BRM-8, BRM-9, BRM-10, and BRM-11 are located within the fenced

FIGURE 6-2

CA-SDI-9822 SITE MAP

(See Confidential Appendix)

site area (Figure 6-3 through Figure 6-14). All milling features exhibit heavy weathering and many portions of the milling elements have exfoliated. Additional milling features may be present along the slopes of the adjacent hills, as dense vegetation covers the slopes. One pictograph feature, previously recorded by Hedges (1977), was documented as well (Figure 6-15).

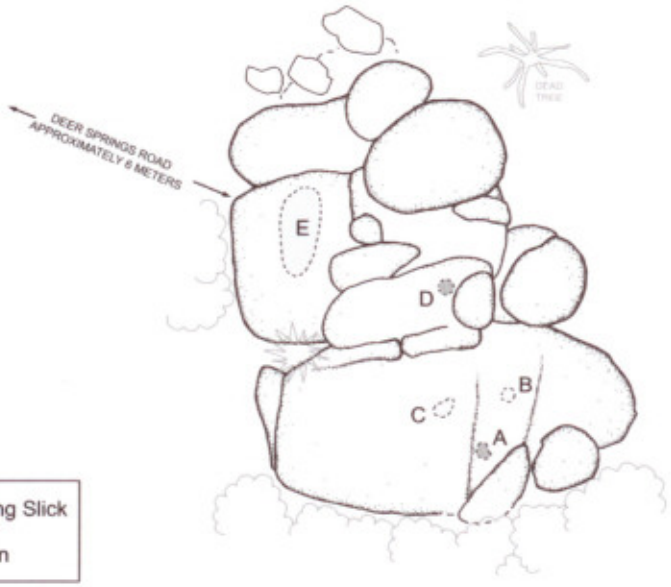
6.2.2 Collection Status and Catalog of Palomar Community College Collection

At present, the current condition of all of the cultural material collected previously from site CA-SDI-9822 is unknown. However, it is believed that at least the majority of artifacts and ecofacts are curated at Palomar Community College. Other portions of the collection may reside with Leslie Quintero (past archaeologist for this site) and other site material may have been repatriated/reburied.

The catalog created by Gallegos & Associates represents the consolidation of a series of four portions of older catalogs that have been created by the Palomar Community College Archaeology Lab. These cataloging efforts were based on catalog cards that were recorded during the multitude of previous excavations conducted at CA-SDI-9822. A one-to-one comparison between catalog cards and the artifacts they represent has not been conducted by Palomar Community College or by Gallegos & Associates. The present catalog has identified a minimum of 9,470 entries (Appendix B). The development of the Gallegos & Associates version of the catalog has identified a multitude of inherent errors. A tremendous effort has been made to “clean” these catalogs by identifying duplicate entries, erroneous entries, and general errors encountered during the data entry process.

Although the catalog does not provide information that may allow the analyst to address research questions, it does serve to verify the significance of the site under CEQA and the County Resource Protection Ordinance. Table 6-1 is based on the catalog developed by Gallegos & Associates and serves to present some conception of the type and quantity of artifacts that have been identified at CA-SDI-9822 and the nature of the assemblage itself. Although a one-to-one comparison of artifacts to catalog has not been conducted,

Note: Drawing Oriented to Match Photo

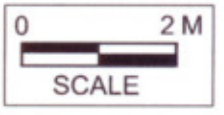


KEY

= Milling Slick

= Basin

A. = basin (18cm N/S x 25cm E/W x .5cm depth)
B. = slick (13cm N/S x 13cm E/W)
C. = slick (15cm N/S x 19cm E/W)
D. = basin (23cm N/S x 21cm E/W x 3.5cm depth)
E. = slick (51cm N/S x 90cm E/W)



Overview Photograph of BRM-1; Facing WSW

Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 1

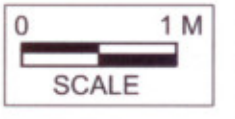
FIGURE 6-3

Note: Drawing Oriented to Match Photo

KEY

- = Milling Slick
- = Basin
- = Mortar

A. = mortar (17cmN/S x 17cm E/W x 6.5cm depth)
B. = basin (15cm N/S x 15cm E/W x .5cm depth)
C. = basin (15cm N/S x 13cm E/W x .2cm depth)
D. = slick (96cm N/S x 128cm E/W)
E. = basin (35cm N/S x 27cm E/W x .8cm depth)
F. = slick (80cm N/S x 105cm E/W)
G. = basin (13cm N/S x 15cm E/W x 4cm depth)



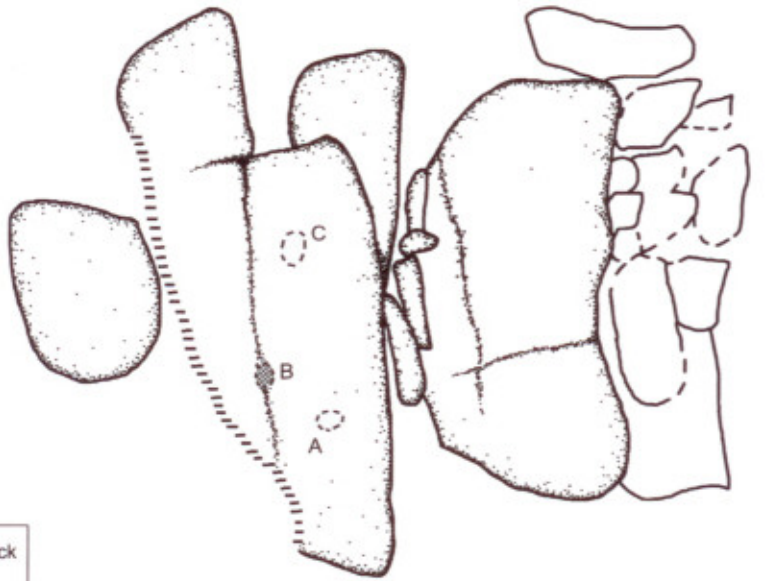
Overview Photograph of BRM-2; Facing South

Gallegos & Associates

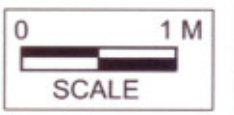
CA-SDI-9822; Bedrock Milling Feature 2

FIGURE 6-4

Note: Drawing Oriented to Match Photo



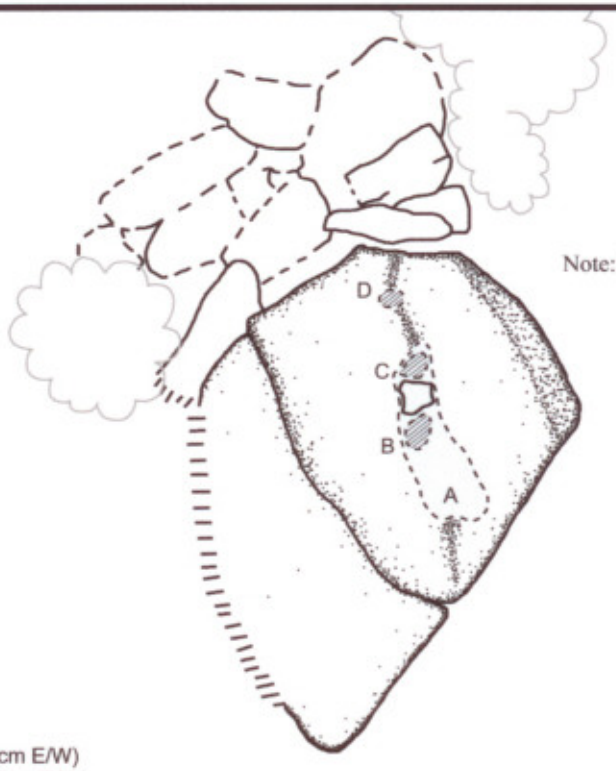
A. = slick (16cm N/S x 17cm E/W)
B. = mortar (14cm N/S x 12cm E/W x 2.5cm depth)
C. = slick (20cm N/S x 16cm E/W x .4cm depth)



Overview Photograph of BRM-3; Facing South

Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 3	**FIGURE 6-5**



Note: Drawing Oriented to Match Photo

KEY

= Milling Slick

= Basin

A. = slick (94cm N/S x 52cm E/W)
B. = basin (25cm N/S x 20cm E/W)
C. = basin (19cm N/S x 21cm E/W x 3cm depth)
D. = basin (20cm N/S x 17cm E/W x 1.8cm depth)

0 1 M
SCALE

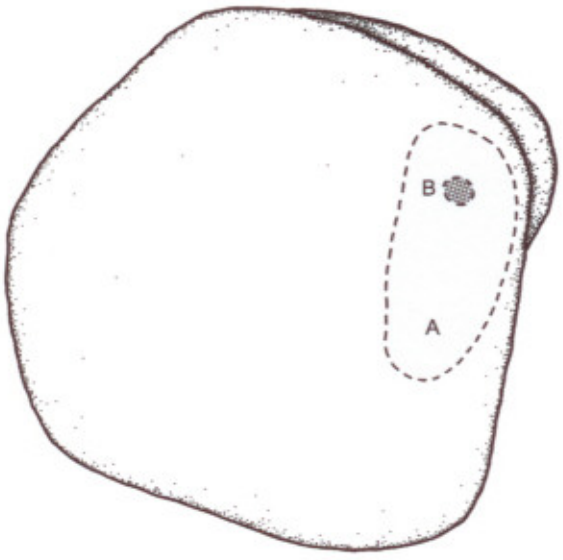
Overview Photograph of BRM-4; Facing South

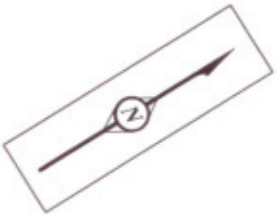
Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 4

FIGURE 6-6

Note: Drawing Oriented to Match Photo



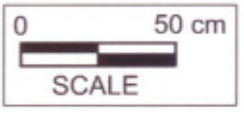


KEY

= Milling Slick

= Mortar

A. = slick (67cm N/S x 95cm E/W)
B. = mortar (14cm N/S x 14cm E/W x3.3cm depth)

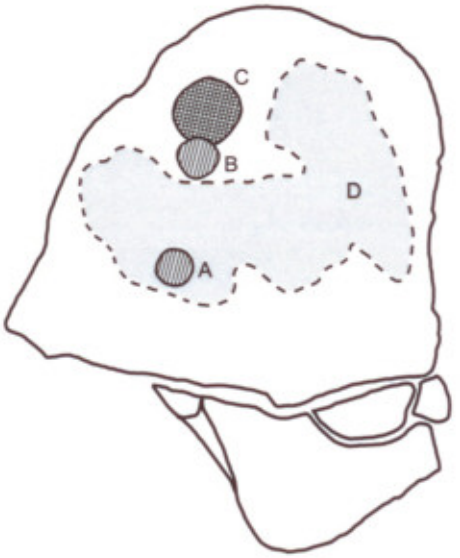


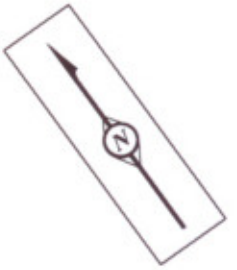
Overview Photograph of BRM-5; Facing WNW

Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 5	**FIGURE 6-7**

Note: Drawing Oriented to Match Photo

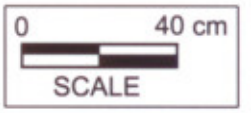


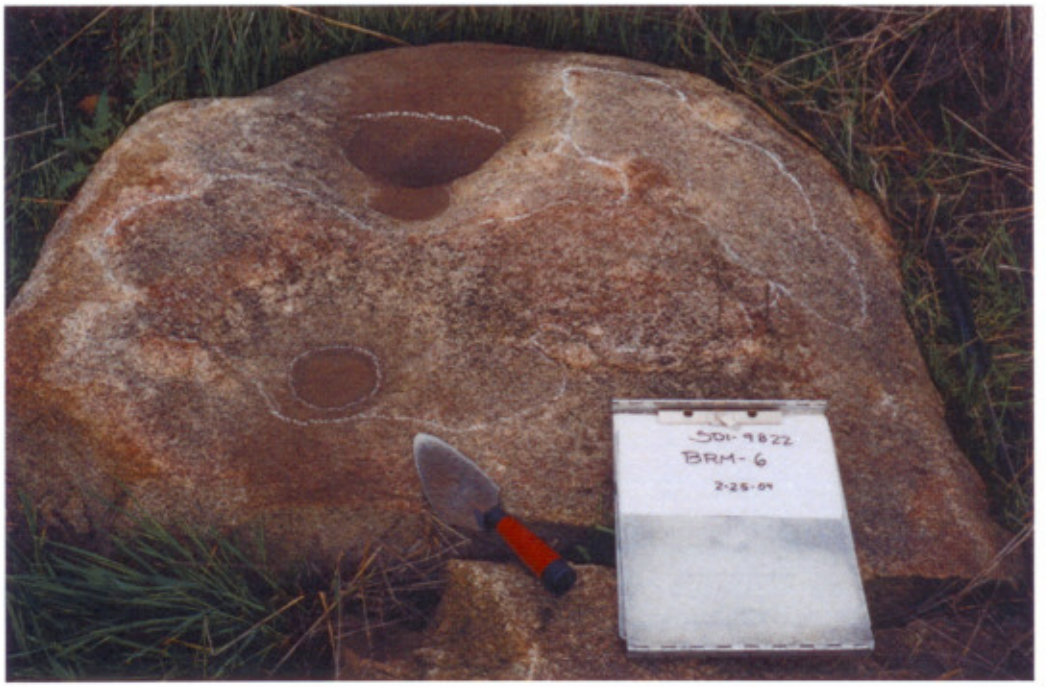


KEY

- = Milling Slick
- = Basin
- = Mortar

A. = basin (10cmN/S x 10cm E/W x 2cm depth)
B. = basin (10cm N/S x 10cm E/W x 1cm depth)
C. = mortar (16 N/S x 17 E/W x 8cmdepth)
D. = slick (75cm N/S x 70cm E/W)



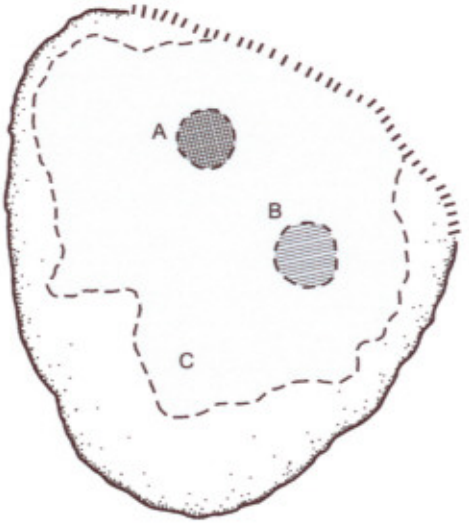


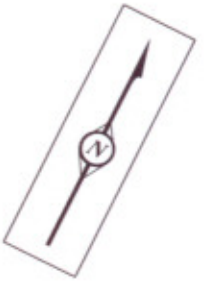
Overview Photograph of BRM-6; Facing Northeast

Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 6	**FIGURE 6-8**

Note: Drawing Oriented to Match Photo





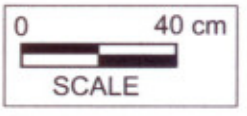
KEY

= Milling Slick

= Basin

= Mortar

A. = mortar (16cm N/S x 16cm E/W x 4cm depth)
B. = basin (19cm N/S x 18cm E/W x 1.5cm depth)
C. = slick (94cm N/S x 96cm E/W)

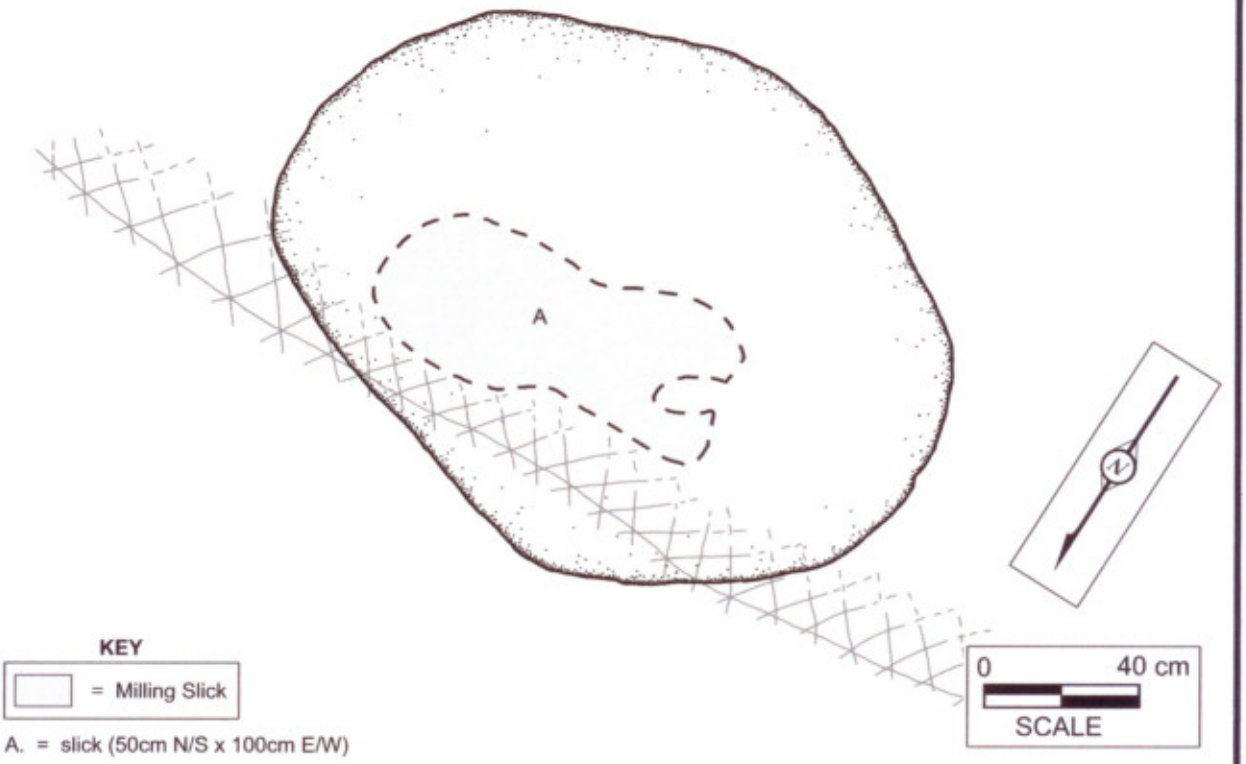


Overview Photograph of BRM-7; Facing NNW

Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 7	**FIGURE 6-9**

Note: Drawing Oriented to Match Photo

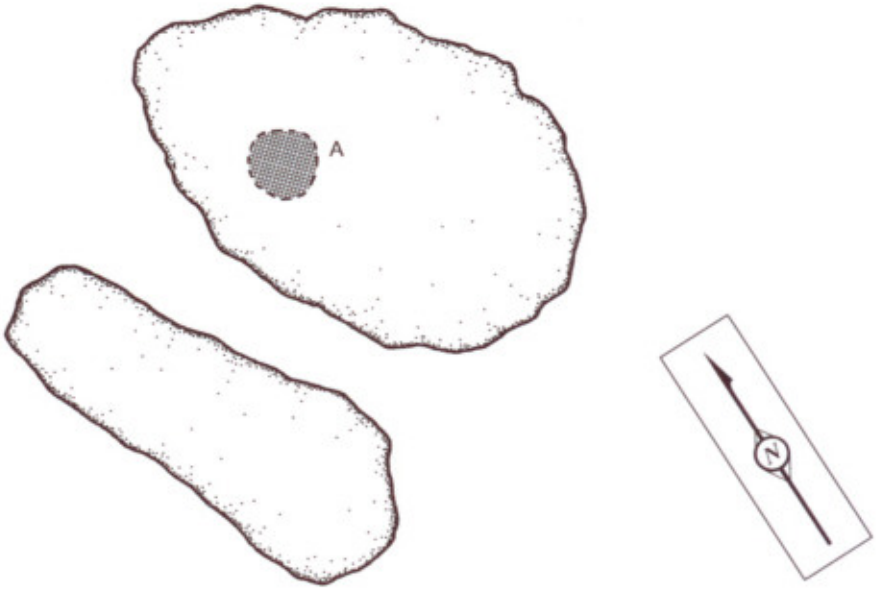


Overview Photograph of BRM-8; Facing SSE

Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 8	**FIGURE 6-10**

Note: Drawing Oriented to Match Photo



KEY

= Mortar

A. = mortar (20cm N/S x 18cm E/W x 11cm depth)

0 40 cm

SCALE

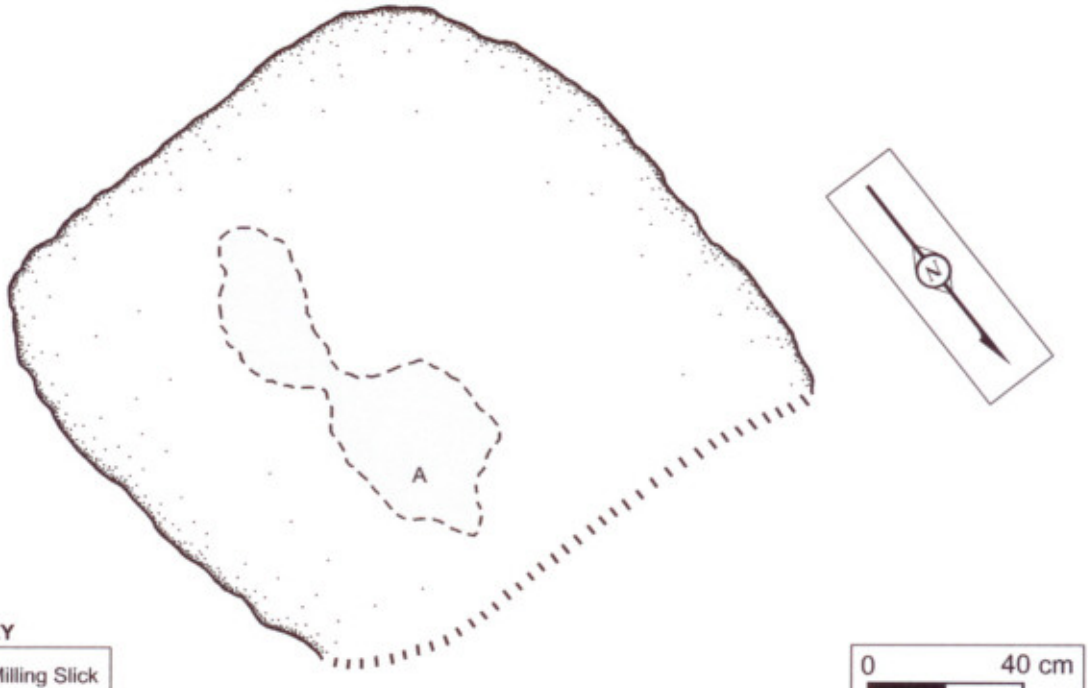
Overview Photograph of BRM-9; Facing Northeast

Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 9

FIGURE 6-11

Note: Drawing Oriented to Match Photo



KEY

= Milling Slick

A. = slick (101cm N/S x 46cm E/W)

0 40 cm

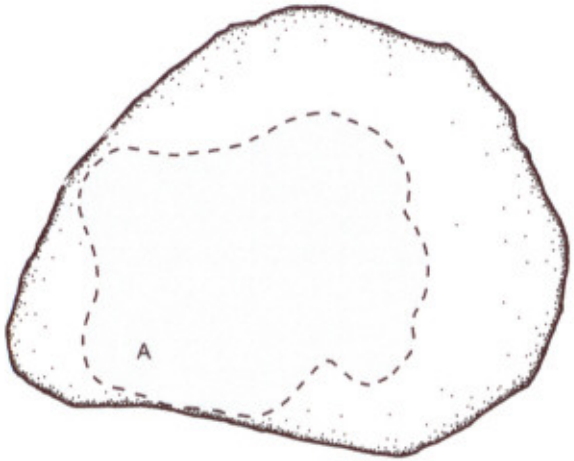
SCALE

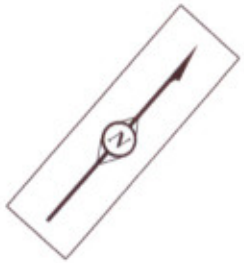
Gallegos & Associates

CA-SDI-9822; Bedrock Milling Feature 10

FIGURE 6-12

Note: Drawing Oriented to Match Photo

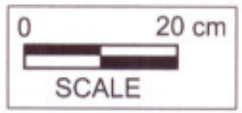




KEY

= Milling Slick

A. = slick (44cm N/S x 46cm E/W)



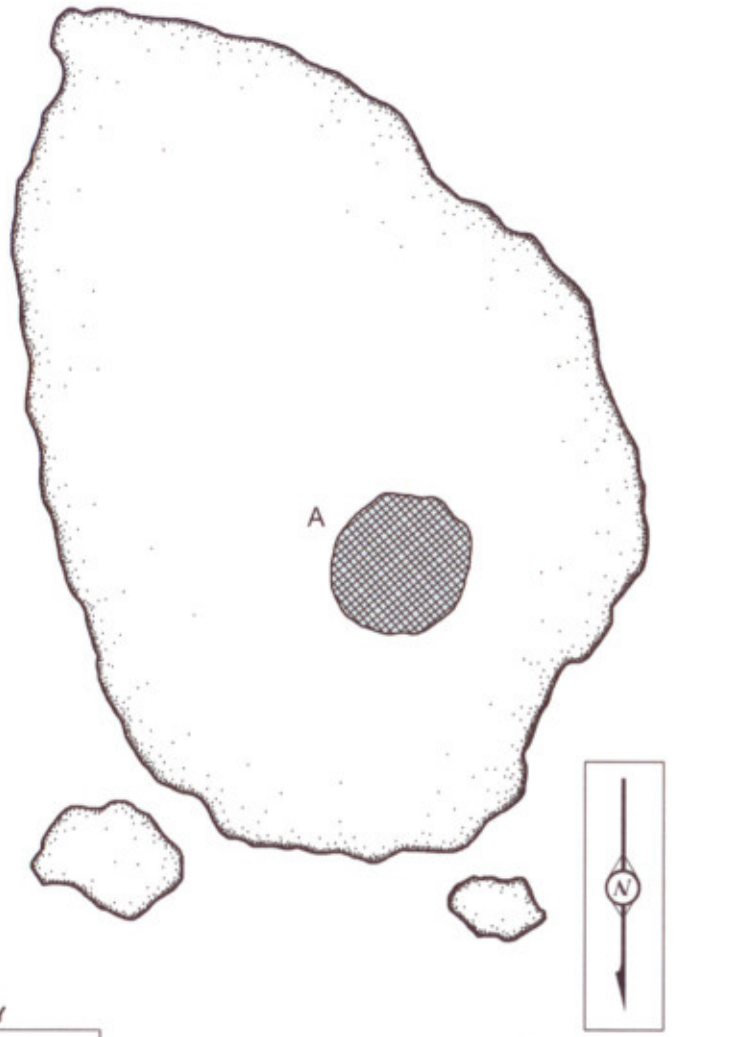
Gallegos & Associates

Overview Photograph of BRM-11; Facing Northwest

CA-SDI-9822; Bedrock Milling Feature 11

FEATURE 6-13

Note: Drawing Oriented to Match Photo



KEY

= Mortar

A. = mortar (20cm N/S x 20cm E/W x 10cm depth)

0 20 cm

SCALE

Gallegos & Associates

Overview Photograph of BRM-12; Facing South

CA-SDI-9822; Bedrock Milling Feature 12

FIGURE 6-14

Photograph of Rock with Pictograph; Facing Northwest

Close-Up Photograph of Pictograph; Facing Northwest

Gallegos & Associates

CA-SDI-9822; Photographs of Pictograph

FIGURE 6-15

verification of an approximate quantity of artifacts recovered from the site has been achieved by comparing the catalog to the unit level records on file at Palomar Community College (Palomar). It is currently understood that a minimum of 40 1x2-m units were excavated at CA-SDI-9822. To date, a clear understanding of the prehistoric activities at CA-SDI-9822 has not been achieved. However, if the Palomar catalog could be checked to Palomar artifacts and recatalogued, and Palomar artifacts cross-referenced with artifacts recovered as a result of index sampling along with special studies (i.e., radiocarbon dating, obsidian sourcing, residue analysis, lithic analysis), then the combined information could be used to provide a database to address important research questions and to identify Native American activities that occurred at CA-SDI-9822.

6.3 TESTING (this study)

Subsurface testing by Gallegos & Associates was conducted to determine the presence or absence of a subsurface cultural deposit south of Deer Springs Road. This work included the excavation of five shovel test pits (STPs), and was conducted within the County's easement. Three of the five STPs (STPs 1, 2, and 5) were positive (see Figure 6-2).

Analysis was conducted for materials recovered as a result of STP excavation at CA-SDI-9822. Cultural material recovered from the three positive STPs includes a range of artifacts including 68 debitage, 1 biface, 13 ceramic fragments, 1 *Olivella* sp. shell bead, 64.11 g of shell, and 13.11 g of bone (Tables 6-2 and 6-3). Special studies include analysis and interpretation of flaked lithic artifacts and analysis of faunal remains.

6.3.1 Lithic Analysis (by Tracy Stropes)

6.3.1.1 Methodology

The technological identification of all debitage sampled was based on work by Flenniken (Flenniken 1981; 1984) for analysis and interpretation. Technological lithic analysis

Table 6-2
Artifacts Recovered from STP Excavations at CA-SDI-9822

Cultural Material	STP 1	STP 2	STP 5	Total
Biface	1	0	0	1
Debitage	37	30	1	68
Ceramic	4	8	1	13
Olivella sp. Shell Bead	0	1	0	1
Bone*	7.98	5.13	0	13.11
Shell*	22.11	41.84	0.16	64.11
Total**	42	39	2	83

*Weight in grams
**Total does not include bone or shell

Table 6-3
CA-SDI-9822: STPs by Depth

	Cultural Material	Depth						Total
		0-10 cm	10-20 cm	20-30 cm	30-40 cm	40-50 cm	50-60 cm	
STP 1	Biface	0	0	1	0	0	0	1
	Ceramic	1	1	1	1	0	0	4
	Debitage	7	12	9	9	0	0	37
	Bone*	2.9	1.65	1.92	1.51	0	0	7.98
	Shell*	6.71	3.52	5.92	5.96	0	0	22.11
STP 2	Bead	0	0	0	0	0	1	1
	Ceramic	6	1	0	0	1	0	8
	Debitage	14	7	4	1	4	0	30
	Bone*	1.66	0.22	1.64	0.44	0.67	0.5	5.13
	Shell*	7.32	8.04	9.58	7.3	8.9	0.7	41.84
STP 5	Ceramic	1	0	0	0	0	0	1
	Debitage	1	0	0	0	0	0	1
	Faunal*	0.16	0	0	0	0	0	0.16
	Total**	30	21	15	11	5	1	83

*Weight in grams
**Total does not include bone or shell

based upon replicative data was conducted for all flaked stone artifacts recovered as a result of the subsurface site boundary assessment within the proposed right-of-way for CA-SDI-9822. Technological identifications were ascertained for all lithic artifacts recovered from the three positive Gallegos & Associates STPs. All lithic artifacts were also examined on the basis of raw material types and reduction stage categories (Appendix C). Technological reduction stage flake categories were defined by comparing technological attributes of replicated artifacts from known stone tool reduction technologies to the recovered lithic assemblage. By comparing the recovered assemblage to the replicated assemblage in terms of manufacture, reduction stages were assigned to technologically diagnostic debitage. Some debitage, however, was considered technologically undiagnostic because of its fragmented condition.

Debitage classification attributes were divided into reduction-oriented technological categories, and then these categories were segregated into stages. By segregating the technologically diagnostic debitage into technological categories that represent and identify reduction techniques, two different reduction sequences were defined as a result of this analysis (Appendix C). Both nodule core reduction and biface reduction were identified within the present assemblage. Nodule core debitage was recognized and grouped into technological categories based on the amount and location of dorsal cortex, platform attributes, dorsal arris count and direction, and flake cross/long-section shape (Appendix C). Debitage was classified according to three platform types identified among the flakes from nodule core reduction: natural/cortical platforms (NP), single-facet platforms (SFP), and multifaceted platforms (MFP). In addition, flakes were further subdivided according to the location of dorsal cortex (i.e., flake categories NP-1 through NP-11, SFP-1 through SFP-11). The reduction-oriented technological categories of diagnostic flakes were also separated out on the basis of geological material types (i.e., metavolcanic, quartzite, monocrystalline quartz, chert, obsidian, etc). Flake fragments that lacked the necessary attributes to be placed in one of these categories were classified as undiagnostic fragments. Only raw material type, and presence or absence of cortex were recorded for these artifacts. Interpretation of the reduction sequence from this site

was determined using only the technologically diagnostic debitage, whereas discussions concerning lithic raw material types include all debitage and formed artifacts.

Often times it is possible that two different reduction sequences may or may not be part of a single interrelated reduction continuum. For instance, bifacial artifacts may have been manufactured from flake blanks produced from nodule cores and thus the collection may be viewed as a single continuum. For the present analysis these reduction-oriented technological categories were further segregated on the basis of geological material types such as metavolcanic, quartzite, monocrystalline quartz, chert, and obsidian. Interpretation of the reduction sequence from this site was determined using only the technologically diagnostic debitage.

All debitage recovered from the three positive STPs was analyzed, identified, and assigned to specific technological categories and stages. Technologically diagnostic debitage was assigned to a specific reduction category, and served as the basis for interpretation of lithic technology. Preliminary analyses indicate that artifacts recovered from the site are intra-site similar in technological character. As such, the sample of the entire excavated assemblage is considered homogeneous. No technological change was identified either horizontally through the site or vertically across the site. In light of this, all artifacts from the site were combined for the purpose of interpretation of the site's lithic technology.

6.3.1.2 Technological Assessment

Technological analyses of the artifact sample recovered during data recovery at CA-SDI-9822 identified two specific reduction technologies that were employed by the site's prehistoric knappers. The assemblage is composed of primarily two reduction technologies including nodule core reduction; and to a lesser extent, biface reduction. As stated previously, these reduction technologies may be part of the same continuum, for example, flakes from nodule core reduction may have been used as flake blanks for flake-

based biface production. Nearly all of the lithic artifacts are made of local materials with just a few exceptions (i.e., Piedra de Lumbre chert and obsidian).

All formed artifacts and debitage from CA-SDI-9822 were combined for the purpose of analysis. Of the 68 pieces of debitage, 10 (15%) were technologically diagnostic of two different reduction technologies (Table 6-4), while 58 (85%) were technologically undiagnostic (Table 6-5). Seven different lithic toolstone materials were represented in the CA-SDI-9822 assemblage (including both technologically diagnostic and undiagnostic debitage). These materials include 25 metavolcanic, 16 quartz, 5 quartzite, 12 volcanic, 1 chert, 5 Piedra de Lumbre chert, and 4 obsidian.

- **Nodule Core Reduction**

The most common reduction technology identified in the data recovery assemblage was nodule core reduction. Six (60%) of the technologically diagnostic debitage supported nodule core reduction (see Table 6-4). Only one nodule core platform type was represented at CA-SDI-9822. Single-facet platform debitage was represented by all six debitage. This suggests that for this portion of CA-SDI-9822 a single-facet platform configuration was the primary means of platform preparation on cores. The collection is small however, and does not likely represent the full range of lithic technologies that occurred at CA-SDI-9822. The most frequently occurring single-facet platform debitage category was SFP-11 (n=5). While flakes in this category are ideal flake blanks, these specific flakes were broken or were too small for use and likely discarded.

- **Biface Reduction**

For this analysis, biface reduction debitage was divided into five reduction-oriented technological categories (as defined by Flenniken 2002) that were, in turn, employed to define the reduction sequences used at CA-SDI-9822. These include core reduction (Category 1), edge preparation (Category 2), percussion bifacial thinning (Category 3), pressure bifacial thinning (Category 4), and undiagnostic fragments (Category 5).

Table 6-4
CA-SDI-9822 Diagnostic Nodule Core Debitage by Material

Technology	Material				Total
	Metavolcanic	**Volcanic**	**Obsidian**	**PDL**	
Single-Facet Platform					
SFP-6	0	1	0	0	1
SFP-11	2	3	0	0	5
Subtotal, Single-facet Platform	2	4	0	0	6
(% Diagnostic Debitage)	20.0%	40.0%	0.0%	0.0%	60.0%
Biface					
203.E-	0	0	1	1	2
400E.-	1	0	1	0	2
Subtotal, Multi-faceted Platform	1	0	2	1	4
(% Diagnostic Debitage)	10.0%	0.0%	20.0%	10.0%	40.0%
Total	3	4	2	1	10
(% Diagnostic Debitage)	30.0%	40.0%	20.0%	10.0%	100.0%

Table 6-5
CA-SDI-9822 Undiagnostic Debitage by Material

	Material							
Undiagnostic Flake Fragments	**Metavolcanic**	**Quartz**	**Quartzite**	**Volcanic**	**PDL**	**Chert**	**Obsidian**	**Total**
Uw/icc	1	0	1	1	0	1	1	5
Uwo/c	21	16	4	7	4		1	53
Total	22	16	5	8	4	1	2	58
(% of Column)	37.9%	27.6%	8.6%	13.8%	6.9%	1.7%	3.4%	100.0%

However, in the present assemblage only Categories 2, 4, and 5 bifacial reduction debitage were identified. The following technological definitions have been offered by Flenniken (2002) for the previously mentioned bifacial technological categories:

1. *Core reduction*, that is, primary decortication debitage segregated on the basis of approximately 100% cortex on the dorsal surface and platform configuration; secondary decortication debitage separated based upon partial dorsal cortex and platform type; and interior debitage categorized by platform attributes, dorsal arris count and direction, flake cross/long-section configuration, and especially, absence of dorsal cortex;

2. *Edge preparation*, that is, bifacial reduction debitage classified on the basis of multifaceted platform configuration and location, location of remnant bulb of force, dorsal arris count and direction, flake termination, flake cross/long-section orientation, and presence or absence of detachment scar;

3. *Percussion bifacial thinning*, that is, debitage segregated on the basis of multifaceted platform configuration, size, lipping, and location, dorsal arris count and direction, flake termination, cross/long-section orientation, and presence or absence of detachment scar;

4. *Pressure bifacial thinning*, that is, debitage separated on the basis of multifaceted platform configuration and location, dorsal arris count and direction, flake termination, platform-to-long axis geometry, cross/long-section orientation, and presence or absence of detachment scar (Appendices B); and

5. *Undiagnostic fragments*, that is, potlids (995.PL), bipolar shatter (996.SH), and flake fragments, with cortex (including type [997.UP and 998.UI]) or without cortex (999.UN).

A limited number of technologically diagnostic flakes (n=4) were identified within the technologically diagnostic portion of the assemblage as biface reduction debitage (see Table 6-4). Two flakes were edge preparation flakes (203.E-), while the remaining two were early (400.E-) stage pressure flakes. The presence of these technological categories suggests bifacial tools were thinned and/or resharpened by pressure flaking at CA-SDI-9822.

- **Undiagnostic Debitage**

A total of 58 technologically undiagnostic flake fragments were also identified from this assemblage (see Table 6-5). Only five fragments possessed cortex (Uw/icc), while fifty-three were cortex-free (Uwo/c). The cortex noted on these flakes includes only flakes with incipient cone cortex common on local lithic materials. The overall lack of cortex on debitage suggests that the cores used to produce flakes at CA-SDI-9822 had been prepared (decorticated and shaped) at another location away from this portion of CA-SDI-9822.

6.3.1.3 Anthropological Interpretation

Although the technologically diagnostic assemblage recovered from CA-SDI-9822 is small, based on the technological assessment of the debitage assemblage the following brief anthropological interpretation of the assemblage is offered:

- **Nodule Core Reduction**

Nodule core reduction technology is the most common technology identified in this lithic sample from CA-SDI-9822. Products of nodule core reduction are the most abundant in the site as measured by percent of technologically diagnostic flakes. This simple and expedient technology was so commonly used because of the local abundance of nodule metavolcanic materials. Furthermore, this technology provided a simple and relatively effortless method to produce useful flake blanks intended for further reduction.

Variability among the analyzed assemblages can be studied at two scales: individual artifacts, and artifact assemblages. This variability is explained by several factors: the shape and size of raw material packages, stages of reduction, and site-specific knapping activities.

Pebbles, cobbles, and to a lesser extent, boulders were selected for size, shape, material quality, and platform location. Nodules with natural platforms were reduced directly by percussion in a circular manner around the natural platform. The location of dorsal cortex indicates the sequence of flake removals (Appendix C). Cores with faceted platforms are nodules that required platform preparation prior to reduction. This occurred usually when a nodule of high quality material was selected, but the nodule did not possess a suitably shaped platform. It was therefore necessary to create a functional platform by percussion flaking. The desired products of nodule core reduction were flake blanks that were thin in cross-section, long and narrow in plan-view, and effectively range from between 4 to 10 cm in length.

A source of intersite variation may result from initial nodule core reduction conducted at one site, and then transported and later reduced at a second location or site. It appears that cores were not always entirely reduced at a single location; instead, initial shaping may have been performed at one site and subsequent core reduction performed at another. This idea is portrayed by the minimal number of early reduction stage flakes, and the higher frequency of late reduction stage flakes recovered from CA-SDI-9822. Alternatively, this pattern could be explained as a result of sampling bias resulting from incomplete or non-representative artifact collection.

Intended end products of this technology (i.e., flake blanks and flake tools) were likely transported for use or further reduction outside of the study area, since the most useful blanks (NP/SFP/MFP-11s) were absent from the analyzed collection, and, when present (i.e., SFP-11), were broken or too small to have served as useful tool blanks.

- **Biface Reduction**

Biface reduction is not well represented at this site. The biface reduction debitage sample consists of four flakes previously discussed. The recovery of one biface fragment and four biface reduction debitage from the present excavation supports the manufacture of bifacial tools at CA-SDI-9822. This sample is small however, and does not lend itself to a lengthy discussion concerning the employment of bifacial technology at CA-SDI-9822.

6.3.1.4 Formed Artifacts

- **Biface**

The single quartz biface fragment was recovered from STP 1 at the 20-30-cm level. The biface is the mid-section of an early stage bifacial preform that likely fractured during manufacture. This is evidenced by the presence of bending fractures near the distal and proximal sections of the biface. Bending fractures most commonly occur when the knapper fails to support the objective piece properly during the percussion stages of bifacial shaping. As is to be expected, the biface was likely abandoned at this juncture as no evidence of further reduction beyond the bending fracture is apparent (i.e., early/late stage pressure flaking). The biface fragment measures 26.5x28.3x12.7 mm with a weight of 11.58 g. Although the final intended use for the specimen is unknown, the biface falls within the weight range of bifaces produced for most dart points (>3.5 g). However, this does not exclude the biface from the core or knife categories.

6.3.2 Analysis Summary

Based on the technological analysis of debitage from the excavations at CA-SDI-9822, the following anthropological descriptions of nodule core reduction are offered. First, nodules of primarily fined-grained metavolcanic materials were selected for direct free-hand percussion core reduction. All of these nodules were reduced using single-facet

platforms. This suggests nodules were selected and prepared outside of the present site area. A single pattern of flake removal could not be identified within the present core reduction techniques. Interestingly, sizeable, useable flakes without dorsal surface cortex were not noted in this assemblage suggesting these flakes were produced at CA-SDI-9822, but transported elsewhere (such as the core area of the site). Nodule core reduction is the most commonly occurring technique noted at CA-SDI-9822. Biface reduction was poorly represented at CA-SDI-9822, as evidenced by the presence of four biface reduction flakes. These flakes and the biface fragment suggest bifaces were at least prepared and possibly used at CA-SDI-9822.

6.3.3 Ceramic Analysis

A total of 13 ceramic sherds were recovered during the boundary testing of site CA-SDI-9822. Of these thirteen ceramic sherds, the majority were too highly fragmented to facilitate analysis. As such, because of the small size and fragmentary condition of the assemblage, no samples were submitted for thin-sectioning or source analysis. A visual analysis of the specimens indicates that the fragments are likely Tizon Brown Ware, and portions of vessel bodies.

6.3.4 *Olivella* sp. Shell Bead

For San Diego County, a processual understanding of manufacture, distribution, and use of shell artifacts has not been achieved. In addition, the range of morphological types of beads utilized in the San Diego region is not well understood. In contrast to other regions of California, there is little information concerning the process by which shell artifacts were manufactured and used, or the modifications these artifacts may have gone through over time. The analysis of shell artifacts from other regions of California (more notably the Chumash culture area) has demonstrated considerable anthropological value in the understanding of prehistoric economies, trade systems and networks, and the organization of wealth and status in prehistoric societies (Fenenga 1988). For these regions, particular styles of shell artifacts have been established as chronologically

diagnostic in a number of archaeological sites. The shell artifact assemblage from this portion of CA-SDI-9822 is small in comparison to other sites in the north San Diego region. Although the present data will not answer some questions that may be resolved by a greater regional study of multiple archaeological sites, it will certainly contribute to the presently limited body of data, and will be of value to future research issues regarding shell artifacts.

For the present analysis, the typology developed by Gifford (1947) will be employed. A single shell artifact was recovered from the present excavations at CA-SDI-9822. The Gifford Type F5 *Olivella* sp. shell bead is identified as spire-ground. Although the two primary manufacturing techniques (spire-ground and spire-lopped) have often been split into separate types by various archaeologists (Bass and Andrews 1977; Bennyhoff 1986; Bennyhoff and Fredrickson 1967; Bennyhoff and Heizer 1958; Bennyhoff and Hughes 1987; Gibson 1973; King 1982), it is more likely that the difference in these beads is a matter of manufacturing preference rather than stylistic change. This is supported by the fact that the two manufacturing techniques often occur at the same time within the same assemblage. These specimens are primarily whole shells that have the spire end modified by grinding to produce a hole for stringing or attachment. These are a simple and time-efficient form of shell bead to manufacture. In general, whole *Olivella* sp. shell beads are not considered to be reliable time markers throughout California. However, spire-lopped/ground *Olivella* sp. shell beads are likely the oldest form of shell bead known from California (Fenenga 1988). Evidence from CA-SDI-11079 in Otay Mesa, California suggests the employment of *Olivella* sp. shell for beads as early as 9,000 years ago (Kyle and Gallegos 1984), and ethnographic evidence demonstrates that their use continued throughout historic times (Dietz and Jackson 1981; Howard 1974; Roop and Flynn 1978).

6.3.5 Invertebrate Faunal Analysis

6.3.5.1 Introduction

Invertebrate remains recovered from the three positive STPs at CA-SDI-9822 totaled 64.11 g. All shell recovered was identified to species, order, and class. A total of 3 species, 2 orders, and 1 class of invertebrate remains were identified within the three analyzed STPs. These shellfish species were representative of primarily a bay/lagoon/estuary environment.

6.3.5.2 Methods

Each shell was weighed and examined to identify genus and species. All shell was speciated in order to determine habitat exploitation patterns, and to identify environmental setting.

6.3.5.3 Results

The majority of the 64.11 g of invertebrate remains was recovered from the 0-40-cm levels, decreasing in quantity from 40-50 cm, and becoming negligible from 50-60 cm (Table 6-6). Of the 64.11 g of shell recovered, 47.23 g were identifiable to species. The remaining 16.88 g were determined to be too fragmentary or weathered for proper identification. Table 6-7 illustrates that the majority of the identifiable shellfish species recovered from the three STPs were *Chione* sp. (79.7%), *Argopecten* sp. (15.7%), and *Ostrea lurida* (4.6%). This data indicates a primary exploitation focus on bay/lagoon/estuary habitats by the inhabitants of CA-SDI-9822.

In summary, the invertebrate shell data suggests that the inhabitants of CA-SDI-9822 primarily exploited bay/lagoon/estuary habitats for shellfish. It is likely that this exploitation pattern represents a focus on primarily one environment. Given the results of shellfish analysis for CA-SDI-9822, the inhabitants likely exploited the nearest lagoon

Table 6-6
CA-SDI-9822 Shell by Depth

STP	Depth 0-10 cm	10-20 cm	20-30 cm	30-40 cm	40-50 cm	50-60 cm	Total	Percent
1	6.71	3.52	5.92	5.96	0	0	22.11	34.49%
2	7.32	8.04	9.58	7.3	8.9	0.7	41.84	65.26%
5	0.16	0	0	0	0	0	0.16	0.25%
Total	14.19	11.56	15.5	13.26	8.9	0.7	64.11	100.00%
Percent	22.13%	18.03%	24.18%	20.68%	13.88%	1.09%	100.00%	

*Weight in grams
Note: STPs 3 and 4 were negative

Table 6-7
CA-SDI-9822: Species by Habitat Summary

Bay/Lagoon/Estuary		
Argopecten sp. (Pecten)	7.42	15.7%
Chione sp.	37.65	79.7%
Ostrea lurida (Oyster)	2.16	4.6%
Total for Habitat	47.23	100.0%
Total*	47.23	100.0%

*Weight in grams

habitat (Buena Vista Lagoon). However, as with the lithic analysis, the present sample is small and may not be representative of shellfish exploitation for CA-SDI-9822.

6.3.6 Vertebrate Faunal Analysis

The 13.1 g of bone fragments recovered from CA-SDI-9822 lack the morphological features that would allow them to be identified to a taxonomic category greater than their class. The present specimens are representative of primarily small to medium size mammals. The category of small mammals (10.3 g of the collection) roughly equates to all undiagnostic vertebrate fragments whose sizes are between a mouse and a jackrabbit. Those fragments defined as medium size mammal (2.8 g of the collection) roughly equate to undiagnostic vertebrate fragments wherein sizes are larger than a jackrabbit, but smaller than a deer. Evidence of burning was present on only two of the specimens. These specimens were calcined suggesting direct exposure to a fire hotter than 800º Celsius (Ubelaker 1978). This may represent bone that was severely burned during preparation, or may also be the result of having been discarded in a fire hearth (Wing and Brown 1979).

6.3.7 Testing Summary

The boundary assessment program for this portion of CA-SDI-9822 included excavation of five STPs In all, the present phase of work produced 68 debitage, 1 biface, 13 ceramic fragments, 1 *Olivella* sp. shell bead, 64.11 g. of shell, and 13.11 g of bone. Disturbance from construction and bioturbation was noted in all STPs. Flake production from locally available nodules suggests flake tool use and/or biface production. Most likely, these tools were manufactured and used at the site. The remains and the range of small to medium size mammal bone demonstrate the range of foods collected, hunted, and processed. In addition, the presence of shellfish and obsidian indicates trade/travel from the inland location of CA-SDI-9822 to the coast, as well as travel to such areas as the Salton Sea to acquire obsidian.

6.4 SITE SUMMARY

Testing at site CA-SDI-9822 included: a survey of the site; recording of bedrock milling features; GPS mapping of bedrock milling features and the pictograph feature; examination of the 1980-1989 Palomar Community College field notes, maps, and artifact catalogue; and, excavation of five shovel test pits (STPs) to determine the presence or absence of subsurface materials south of Deer Springs Road. A Trimble GPS unit was used to determine the location of the bedrock milling features and pictograph feature, thereby redefining the original site boundary. The site boundary was extended west, north, and east of the fenced site area to include additional bedrock milling features and the pictograph feature; and to the south to include the newly identified portion of CA-SDI-9822 south of Deer Springs Road (see Figure 6-2).

SECTION 7
TEST RESULTS FOR CA-SDI-10747H

7.1 INTRODUCTION

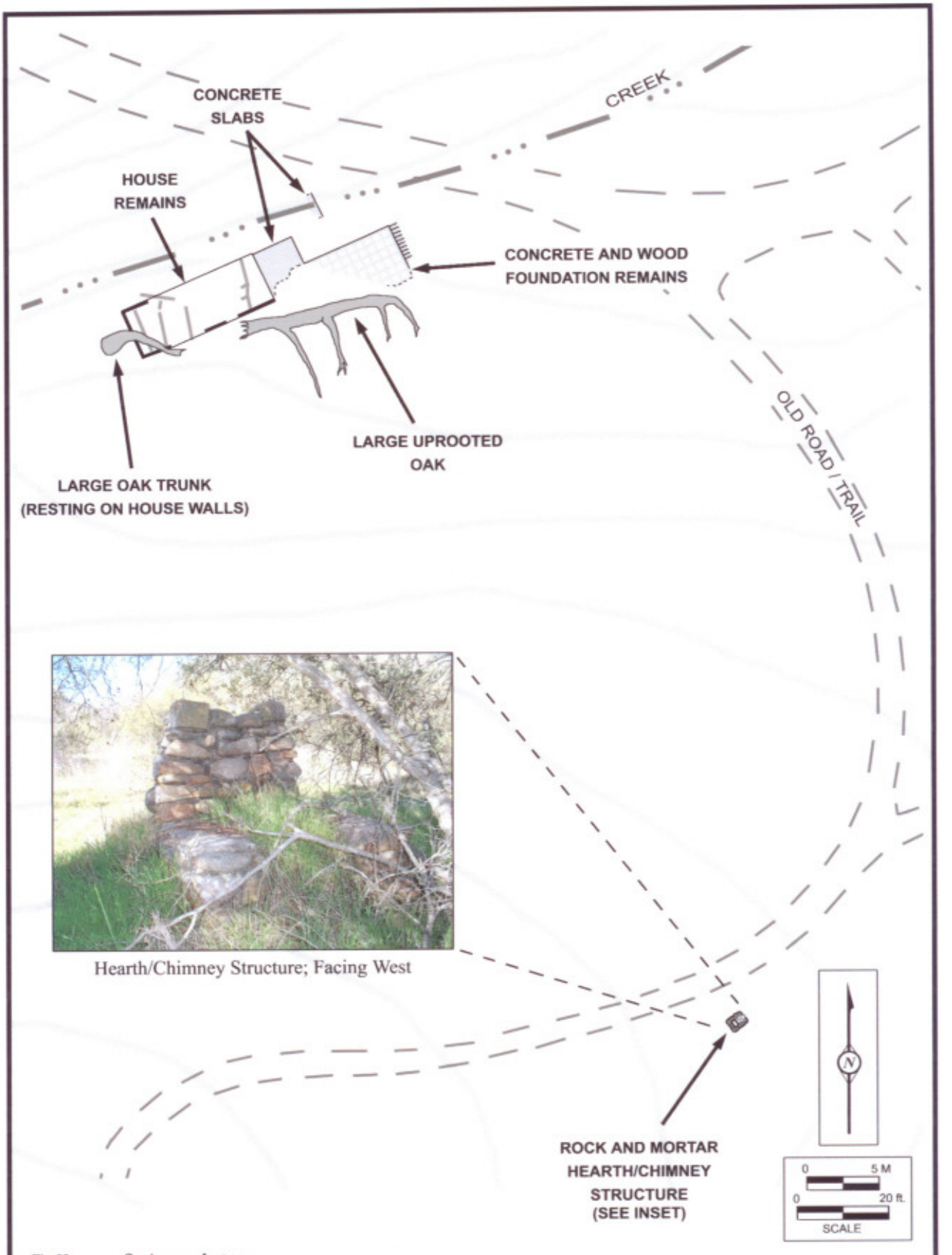
Site CA-SDI-10747H was originally recorded by Cardenas (1986b) for the Sycamore Ridge project. Site CA-SDI-10747H is located adjacent to the west edge of site CA-SDI-9253 (see Section 5 for description of CA-SDI-9253). Site CA-SDI-10747H represents the remnants of a post-1930s homestead, consisting of a three-room house, a rock and mortar hearth/chimney structure, a stone and concrete one-room foundation, and a partially collapsed wood structure (Cardenas 1986b). White and White (n.d.) conducted a patents record search for Stonegate Development and identified one homestead patent issued in Section 13 of Township 11 South, Range 3 West. White and White (n.d.) stated that CA-SDI-10747H is most likely associated with homestead patent #0046358 issued to Orland Arthur Rush in 1931.

7.2 TEST RESULTS

Testing included historical research and GPS mapping of the structure foundations (Figure 7-1). The location for the structure foundations does not appear on early USGS maps, and the structure foundations appear to be more recent than 1930s. Background historical research confirmed that Orland Arthur Rush homesteaded the property located at CA-SDI-10747H. Rush acquired 400 acres from the government on October 5, 1931 under the 1916 Homestead Entry-Stock Raising statute. Disturbance at the site includes foot traffic on the adjacent trail, modern trash dumping, and some off-road vehicle activity.

7.3 SUMMARY

Testing included historical research and GPS mapping of the structure foundations present at the site. Site CA-SDI-10747H consists of the remnants of a post-1930s three-room house, a rock and mortar hearth/chimney structure, a stone and concrete one-room



Gallegos & Associates

CA-SDI-10747H Site Map

FIGURE 7-1

foundation, and a partially collapsed wood structure. None of the early maps reviewed (1901 Escondido 15', 1901 San Luis Rey 15', 1942 Escondido15', 1948 San Marcos 7.5', and 1968 San Marcos 7.5') identified a historic structure in this area. Therefore, on the basis of foundation remnants and absence of a structure on early maps, it is assumed that CA-SDI-10747H represents a structure that is less than 50 years old. Disturbance at the site includes foot traffic on the adjacent trail, modern trash dumping, and some off road vehicle activity.

SECTION 8
TEST RESULTS FOR CA-SDI-17264

8.1 INTRODUCTION

Site CA-SDI-17264 consists of a lithic scatter located in the southwest portion of the project area (Figure 8-1). This site consists of one debitage, two manos, and one metate fragment located within a dirt road. Because of the dense vegetation the site boundary is unknown. Site CA-SDI-17264 was tested by Gallegos & Associates in December 2004 to determine site significance.

8.2 TEST RESULTS

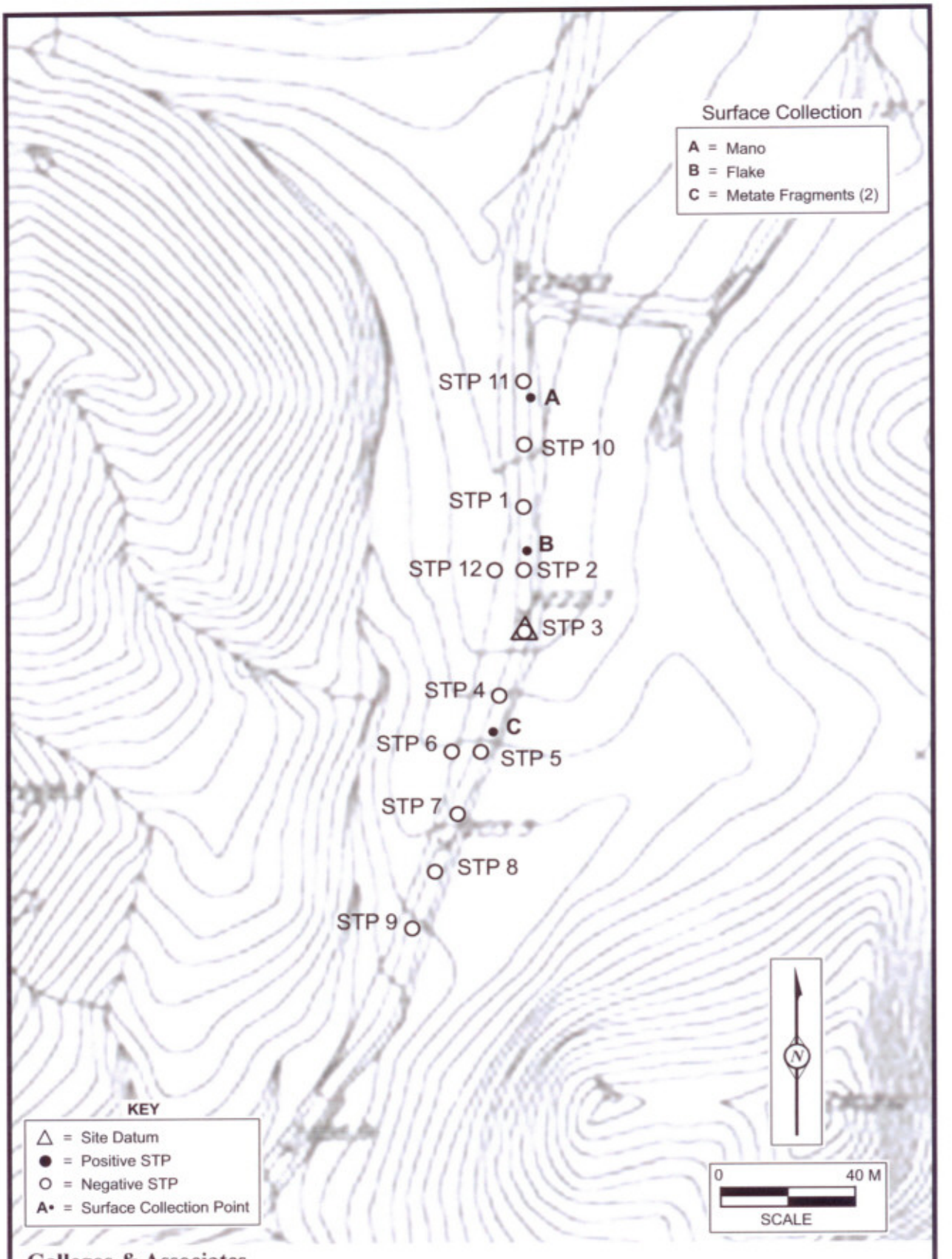
Testing included collection of surface artifacts, excavation of 12 STPs, and artifact cataloguing and analysis (see Figure 8-1 and Table 8-1). Cultural material recovered from the test program included one debitage, two manos, and one metate fragment. Disturbance at the site included off-road vehicle traffic and previous grading of the road.

8.2.1 Surface Collection

Four surface artifacts were collected from site CA-SDI-9253 (see Table 8-1). Cultural material recovered from the surface collection included one debitage, two manos, and one metate fragment.

8.2.2 Shovel Test Pits (STPs)

Twelve shovel test pits (STPs) were excavated to determine the presence or absence of subsurface materials and extent of the subsurface deposit (see Figure 5-1). STP excavation resulted in twelve negative STPs.



Gallegos & Associates

CA-SDI-17264 Site Map Showing Surface Artifacts and STPs

FIGURE 8-1

Table 8-1
Cultural Material Recovered from CA-SDI-17264

Cultural Material	Surface	Total
Debitage	1	1
Mano	2	2
Metate	1	1
Total	4	4

8.3 ARTIFACT ANALYSIS (by Tracy Stropes)

The artifact assemblage from CA-SDI-17264 consists of a narrow range of artifact types including one debitage, two manos (one complete and one fragment) and one metate fragment (see Table 8-1). All artifacts were recovered from the surface of CA-SDI-17264.

8.3.1 Debitage

A single piece of volcanic debitage was identified in the present collection. The single undiagnostic specimen gives little indication of the flintknapping activities that may have occurred at the site. It is likely that because of the small size of present sample, the specimen represents the maintenance and/or minimal reduction of a prepared nodule core(s).

8.4 GROUND LITHIC ARTIFACTS

8.4.1 Introduction

All ground stone materials recovered from CA-SDI-17264 were selected for analysis and interpretation. Ground stone implements may include a wide range of objects used to or created by the processes of abrasion, impact, or polishing (Adams 2002). Often, ground stone tools are associated with the processing/milling of plants, seeds, nuts (i.e., acorns, walnuts, holly leaf cherry), and small mammals. In addition, ethnographic evidence indicates that bone, clay, and pigments may also have been processed with the same tools (Gayton 1929; Kroeber 1925; Spier 1978). Implements of this type may be identified by the pattern of wear developed through milling stone against stone. This process often results in a smooth and/or polished surface, depending on the substance ground and the lithic material type. Often these surfaces are pecked or resharpened when ground too smooth. These implements are sometimes shaped into a desired form by pecking, grinding, or flaking. Thus, tool identification is based on the presence of ground or

smooth surfaces, pecked or resharpened surfaces, and evidence of shaping of the tool form. Tools are then separated into three groups: manos/metates, unidentifiable ground stone fragments, and battered implements. Unidentifiable ground stone is defined herein as a fragment of lithic material with a minimum of a single ground surface, but with no technologically identifiable characteristics to indicate tool form.

8.4.2 Manos

Two manos were recovered from the surface of CA-SDI-17264. Of the two mano specimens recovered, one is complete or nearly complete and one is fragmentary. Both manos recovered are granitic nodules. Bifacial use-wear and extended use is apparent on specimen CA-SDI-17264-1. Both manos show evidence of shaping, suggesting extended use or curation of the manos. There is end battering present on one of the specimens, which also exhibits a pecked grinding surface. The end battering visible on the specimen may indicate that the manos were also used as hammers to sharpen metate grinding surfaces when they became too slick to grind. The overall curvature of each mano face is slight indicating that the opposing milling surface the manos were ground against (i.e., metate, milling slick) was not very deep in form. In addition, the grinding patterns evident on the faces of each mano indicate that the manos are basin manos used primarily in a reciprocal stroke manner in concert with shallow basin metates (Adams 2002). The relatively small milling assemblage recovered from CA-SDI-17264 suggests that the inhabitants of the site had only a minimal dependence on food packages that required milling for processing (i.e., grass seeds) or that the present integrity of the site is poor.

8.4.3 Metate

Metates and metate fragments are identified based on the presence of at least one concave ground surface. Only one block style granitic basin metate fragment was identified within the present collection. Block metates are too heavy to transport and are defined by Binford (1980) as “site furniture”. The presence of a large block metate may be evident of a longer period of site occupation. The block metate is unifacial and retains a shallow

grinding surface. Flat basins retain a more planer grinding surface and may have been used to process less oily products such as fibers (Kowta 1969), while the shallow basins may have been used for the processing of products such as hard seeds. The present basin morphology identified for the metate fragment suggests primarily a reciprocal stroke. The specimen also demonstrates evidence of pecking to rejuvenate the grinding surface in addition to evidence of shaping in the form of pecking, flaking and or grinding generally around the outer circumference. Flaking and pecking would have acted to remove unnecessary mass and aid in producing the desired shape. Final grinding may have helped to even the overall surface but was not always necessary.

8.5 SUMMARY

Testing at CA-SDI-17264 produced one debitage, two manos (one complete mano and one mano fragment) and one metate fragment. Disturbance from both bioturbation and organic materials (i.e., roots) was noted in the excavated STPs. The present sample is too small to make any definitive statements concerning the past activities of the inhabitants of CA-SDI-17264. It is probable that the site represents an artifact scatter where milling of plants and seeds and a brief period of occupation may have taken place.

SECTION 9
TEST RESULTS FOR CA-SDI-17265

9.1 INTRODUCTION

Site CA-SDI-17265 consists of a single bedrock milling feature located in the west portion of the project area, within a flat valley (Figure 9-1). The single bedrock milling feature consists of a large slick, approximately 60 cm by 30 cm in area. Disturbance noted included off-road vehicle activity and previous grading adjacent to the site.

9.2 TEST RESULTS

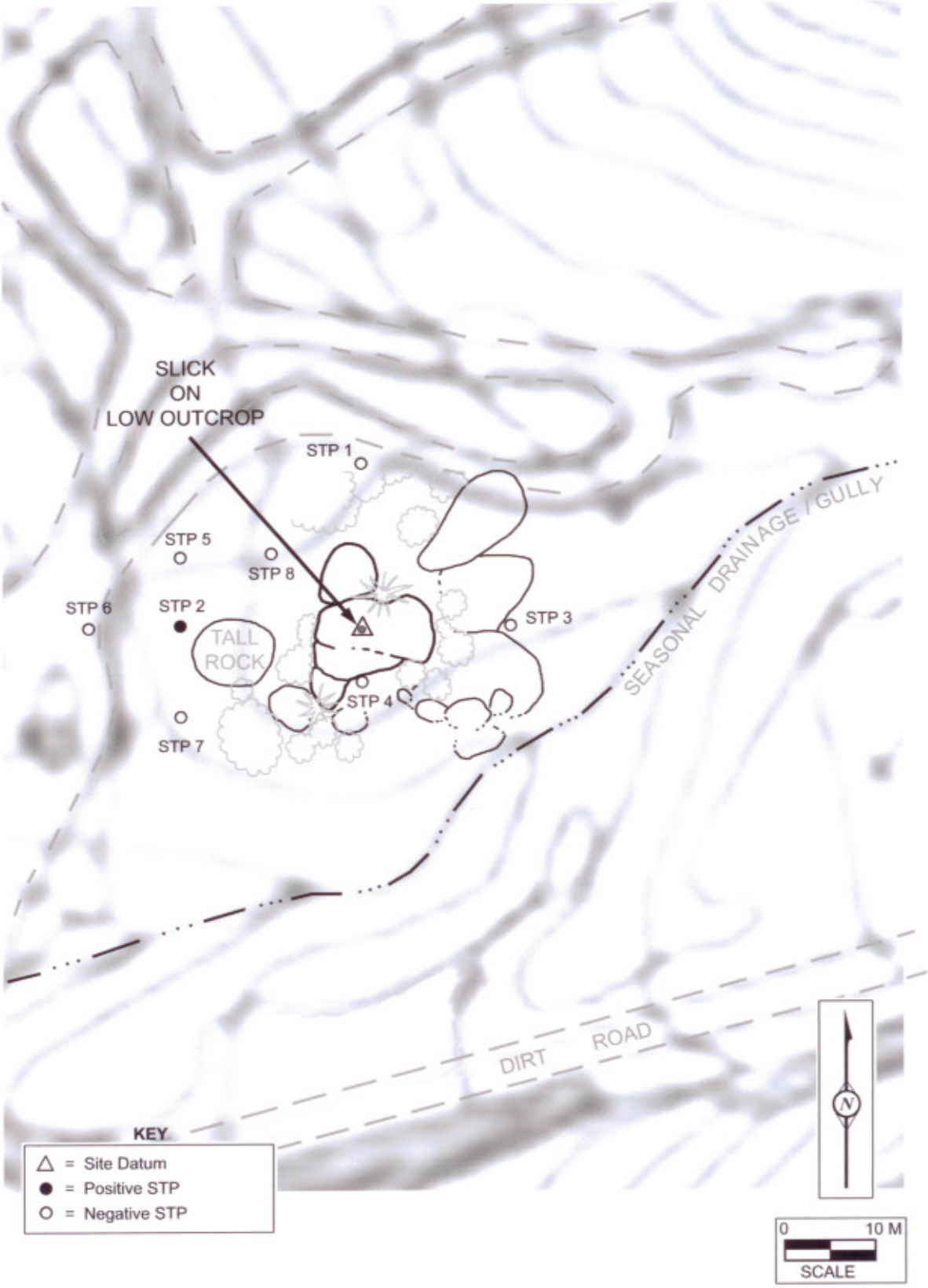
Testing included excavation of 8 STPs, and documentation of one bedrock milling feature (see Figure 9-1). Cultural material recovered from the test program included one debitage.

9.2.1 Shovel Test Pits (STPs)

Eight shovel test pits (STPs) were excavated to determine the presence or absence of subsurface materials and extent of the subsurface deposit (see Figure 9-1). STP excavation resulted in one positive and seven negative STPs. One debitage was recovered from STP 2 within the 10-20-cm level.

9.2.2 Milling Features

BRM-1 is a single milling slick situated on a flat, low-lying boulder located in a high valley, within the northwest portion of the project area (Figure 9-2). Heavy weathering and exfoliation of the bedrock were noted.



Gallegos & Associates

CA-SDI-17265 Site Map Showing Bedrock Milling Feature and STPs

FIGURE 9-1

Overview of Site CA-SDI-17265, Showing Outcrop with Milling; Facing WSW

Site CA-SDI-17265; Close-Up Showing Outcrop with Milling; Facing WSW

Gallegos & Associates

CA-SDI-17265; Site Photographs	**FIGURE 9-2**

9.3 SUMMARY

Testing at site CA-SDI-17265 included excavation of eight STPs and documentation of one bedrock milling feature. In all, testing at site CA-SDI-17265 produced one debitage. Seven STPs were negative and one STP was positive. The present sample is too small to make any definitive statements concerning the past activities of the inhabitants of site CA-SDI-17265. Disturbance noted included off-road vehicle activity and previous grading adjacent to the site.

SECTION 10
SIGNIFICANCE DISCUSSION

10.1 INTRODUCTION

Eleven cultural resource sites (CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-9822, CA-SDI-10747H, CA-SDI-17264, CA-SDI-17265, and, the 1901 historic structure/location) and two isolates (SDM-W-3880C and P-37-025968) were identified within the Merriam Mountains project area. Six sites (CA-SDI-4558, CA-SDI-9253, CA-SDI-9822, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265) were tested to determine site significance in compliance with County of San Diego and California Environmental Quality Act (CEQA) guidelines. Sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, and CA-SDI-5640 were not tested, as these sites have been destroyed by development, were incorrectly mapped, and/or are located outside of the project area. Isolate finds are identified as not significant. The testing program, for all sites except for the 1901 historic structure/location, included a review of previous work, surface collection, documentation of milling features, excavation of STPs and test units, artifact analysis, and a determination of site significance.

The mapped location for a historic structure shown on early maps (1901 Escondido and San Luis Rey USGS maps) is identified as significant, as subsurface features may be present that can provide important information on early homesteading in north San Diego County. The data recovery plan (see Section 12) for the 1901 historic structure/location will address historical archaeological techniques such as functional artifact pattern recognition and consumerism studies to determine the types of activities represented, and therefore provide a contribution to the early history of the San Marcos/San Diego region.

This section provides a discussion of CEQA criteria, eligibility to the California Register of Historic Places, site testing results, research value, and significance determination for sites CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640,

CA-SDI-9253, CA-SDI-9822, CA-SDI-10747H, CA-SDI-17264, CA-SDI-17265, and the 1901 historic structure/location.

10.2 SITE SIGNIFICANCE/IMPORTANCE CRITERIA

Determination of what is and what is not an important cultural resource is not a straightforward task. As suggested by Moratto and Kelly (1976), the significance of archaeological resources should be assessed in several terms including research value to the scientist, aesthetic/cultural value to the community at large, and value to the Native American community. The importance of an archaeological resource must be demonstrated. According to Section 15064.5 of CEQA, the term "historical resources" shall include the following:

(1) A resource listed in, or determined to be eligible by the State Historical Resources Commission, for listing in the California Register of Historical Resources (Pub. Res. Code §5024.1, Title 14 CCR, Section 4850 et seq.).

(2) A resource included in a local register of historical resources, as defined in Section 5020.1(k) of the Public Resources Code or identified as significant in an historical resource survey meeting the requirements Section 5024.1(g) of the Public Resources Code shall be presumed to be historically or culturally significant. Public agencies must treat any such resource as significant unless the preponderance of evidence demonstrates that it is not historically or culturally significant.

(3) Any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be an historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for listing on the California Register of Historical Resources (Pub. Res. Code §5024.1, Title 14 CCR, Section 4852) including the following:

(A) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;

(B) Is associated with the lives of persons important in our past;

(C) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values; or

(D) Has yielded, or may be likely to yield, information important in prehistory or history.

(4) The fact that a resource is not listed in, or determined to be eligible for listing in the California Register of Historical Resources, not included in a local register of historical resources (pursuant to Section 5020.1(k) of the Public Resources Code), or identified in an historical resources survey (meeting the criteria in Section 5024.1(g) of the Public Resources Code) does not preclude a lead agency from determining that the resource may be an historical resource as defined in Public Resources Code sections 5020.1(j) or 5024.1.

(b) A project with an effect that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment.

(1) Substantial adverse change in the significance of an historical resource means physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired.

(2) The significance of an historical resource is materially impaired when a project:

(A) Demolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for, inclusion in the California Register of Historical Resources; or

(B) Demolishes or materially alters in an adverse manner those physical characteristics that account for its inclusion in a local register of historical resources pursuant to Section 5020.1(k) of the Public Resources Code or its identification in an historical resources survey meeting the requirements of Section 5024.1(g) of the Public Resources Code, unless the public agency reviewing the effects of the project establishes by a preponderance of evidence that the resource is not historically or culturally significant; or

(C) Demolishes or materially alters in an adverse manner those physical characteristics of a historical resource that convey its historical significance and that justify its eligibility for inclusion in the California Register of Historical Resources as determined by a lead agency for purposes of CEQA.

(3) Generally, a project that follows the Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings or the Secretary of the Interior's Standards for Rehabilitation and Guidelines for Rehabilitating Historic Buildings (1995), Weeks and Grimmer, shall be

considered as mitigated to a level of less than a significant impact on the historical resource.

(4) A lead agency shall identify potentially feasible measures to mitigate significant adverse changes in the significance of an historical resource. The lead agency shall ensure that any adopted measures to mitigate or avoid significant adverse changes are fully enforceable through permit conditions, agreements, or other measures.

(5) When a project will affect state-owned historical resources, as described in Public Resources Code Section 5024, and the lead agency is a state agency, the lead agency shall consult with the State Historic Preservation Officer as provided in Public Resources Code Section 5024.5. Consultation should be coordinated in a timely fashion with the preparation of environmental documents.

Recognizing that cultural resources often contain information that archival research cannot answer, there exists the potential for each resource to provide important information relevant to several theoretical and regional research questions. As part of the test plan, research questions concerning chronology, lithic technology, food procurement strategies, and trade and travel were addressed. Testing provided the necessary information to determine site size, depth, content, integrity, and potential to address important research questions.

10.3 SITE SUMMARY

- **CA-SDI-4558**

Previous work by Caltrans included the excavation of 35 1x1-m units, resulting in the recovery of large points, manos, battered implements, debitage, and marine shell (Cook et al. 1977). Cook recommended CA-SDI-4558 as eligible for placement on the National Register of Historic Places. Testing at CA-SDI-4558 by Gallegos & Associates included a review of previous work, recording of bedrock milling features, excavation of 24 STPs to better define site size and significant site area, and artifact cataloguing and analysis. Total artifacts recovered from the supplemental test program included 1 biface, 75 debitage, 2 ground stone fragments, and 3.8 grams of bone. Flake production from locally available nodules suggests flake tool use and/or biface production. Most likely,

these tools were manufactured and used at the site. The presence of milling tools and faunal remains of small to medium mammal bone demonstrates the variety of foods hunted, collected, and processed. The review of previous work along with the recent Gallegos & Associates testing provided information to better define the site boundary. Disturbance observed at CA-SDI-4558 includes modern trash dumping, bioturbation, grading, roads, cement pads for structures, and previous agricultural use.

- **CA-SDI-9253**

Testing at CA-SDI-9253 included the excavation of 13 STPs and one 1x1-m test unit. In all, this work produced 15 debitage and 1.2 grams of bone. A small amount of nodule core reduction activities may be apparent within the lithic assemblage. However, the present sample is too small to make any definitive statements concerning the past activities of the inhabitants of CA-SDI-9253. It is probable that the site represents a precontact artifact scatter where milling of plants and seeds and a brief occupation may have taken place. Disturbance at the site includes light foot traffic, off-road vehicle activity, and bioturbation.

- **CA-SDI-9822**

Testing by Gallegos & Associates at CA-SDI-9822 included: a survey of the site to relocate; GPS map and record bedrock milling features and the pictograph feature; examine 1980-1989 Palomar Community College field notes, maps and artifact catalog; and excavation of five shovel test pits (STPs) to determine the presence or absence of subsurface materials south of Deer Springs Road. Previous work by Palomar Community College included the excavation of approximately 40 1x2-m excavation units that produced over 80,000 artifacts, shell, and bone. Cultural material included arrow points, pottery, bone tools, clay pipe fragments, beads (shell, bone, and glass), milling tools, obsidian, and cremations. Surface artifacts noted on the portion of the site north of Deer Springs Road included debitage, ceramics, burned bone, and a clay pipe fragment however; these were not collected. Consequently, testing to determine the

presence/absence of the site south of Deer Springs Road by Gallegos & Associate produced a range of artifacts including 68 debitage, 1 biface, 13 ceramic fragments, 1 *Olivella* sp. shell bead, 64.11 g of shell, and 13.11 g of bone. As a result of past and current work, the site boundary was extended west, north, and east of the fenced site area to include additional bedrock milling features and the pictograph feature, and to the south to include the newly identified portion of CA-SDI-9822 south of Deer Springs Road. Disturbance observed at CA-SDI-9822 includes grading for Deer Springs Road, development of the trailer park to the south of Deer Springs Road, modern trash dumping, foot traffic, and bioturbation.

- **CA-SDI-10747H**

Testing included historical research and GPS mapping of the remaining structures. White and White (n.d.) stated that a homestead patent for this property was issued to Orland Arthur Rush in 1931. No structures are shown on early USGS maps (1901, 1942, 1948, and 1968), however, the structures could have been built after 1948 and removed prior to 1968, as the existing remnant structures appear to be less than 50 years old. A rock and mortar hearth/chimney structure is present, however no diagnostic artifacts were noted. The background research produced no information regarding the history of the site. Disturbance at the site includes foot traffic on the adjacent trail, minor trash dumping, and some off-road vehicle activity.

- **CA-SDI-17264**

Testing at CA-SDI-17264 produced 1 debitage, 2 manos/mano fragments, and 1 metate. Disturbance from both bioturbation and organic materials (i.e., roots) was noted in the STPs. The artifact sample is too small to make any definitive statements concerning the past activities of the inhabitants of CA-SDI-17264. It is probable that the site represents a prehistoric artifact scatter where milling of plants and seeds and a brief occupation may

have taken place. Disturbances observed at CA-SDI-17264 include previous grading and off-road vehicle activity.

- **CA-SDI-17265**

Testing at site CA-SDI-17265 included excavation of 8 STPs and documentation of 1 milling feature. Seven STPs were negative and 1 STP was positive, producing 1 debitage. Apparently, minor milling of plants and seeds was conducted at this locality. Disturbance noted included off-road vehicle activity and previous grading adjacent to the site.

- **1901 Historic Structure/Location**

Testing at the 1901 structure/location was not conducted as it appears that the structure was destroyed and no associated surface artifacts were noted during the current survey. It is unknown whether there is a historic subsurface deposit present; however, such features (i.e., dumps and privies) can provide data to research the early settlement of the San Marcos/Twin Oaks community and north San Diego County.

10.4 RESEARCH VALUE

10.4.1 Site Integrity

Current archaeological methods allow a great deal of information to be extracted from cultural resources, providing certain criteria are met. Generally speaking, archaeological sites useful for addressing important research questions must retain a minimum amount of stratigraphic integrity and/or an assemblage that can be confidently assigned to a cultural group. If these criteria are not in place, cultural materials recovered within the course of an excavation cannot be differentiated by time period or by culture. This greatly diminishes the value of the resource as a record of the human story. However, for a single deposit locality, integrity is not as critical as a multi-deposit site. Site integrity

for CA-SDI-9253, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265 is poor, as these sites are shallow and disturbed from off-road vehicle activity, previous grading, foot traffic, bioturbation, and modern trash dumping.

Site integrity for site CA-SDI-4588 is fair to good, although disturbance at the site includes road and residential construction, and previous discing. Cook et al. (1977) stated that a substantial cultural deposit, with a depth of 130 cm, was present.

Site integrity for CA-SDI-9822 is also fair to good. Previous excavations by Palomar Community College identified a significant cultural deposit with a depth of 120 cm. Major disturbance at the site includes previous work by Palomar Community College, and the construction of Deer Springs Road and the trailer park to the south of Deer Springs Road.

Site integrity for the 1901 historic structure/location is fair to good. Disturbance at the historic location includes foot traffic on the adjacent trail, minor modern trash dumping, and some off-road vehicle activity. Nevertheless, the historic location is situated in an undeveloped valley area and buried foundations and associated features may still be present.

10.4.2 Research Potential

The current field survey and test program identified eight previously recorded cultural resources (CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-9822, and CA-SDI-10747H), two new cultural resource sites (CA-SDI-17264 and CA-SDI-17265), and a 1901 historic structure/location within the project area and off-site improvement areas. Sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, CA-SDI-5640, and the 1901 historic structure/location were not relocated and may have been destroyed by road and residential development. Because of the paucity of cultural material present at sites CA-SDI-9253, CA-SDI-10747H, CA-SDI-17264, and

CA-SDI-17265, research questions regarding chronology, trade and travel, and settlement and subsistence could not be addressed.

However, research questions regarding the above topics were addressed for sites CA-SDI-4558 and CA-SDI-9822. For site CA-SDI-4558, previous work by Cook et al. (1977) and the current study were used to address the research questions. For site CA-SDI-9822, previous work by Palomar Community College was used to address the research questions.

Although it appears that the 1901 historic structure/location may have been previously destroyed, subsurface features (i.e., privy pits, wells, refuse dumps, and architectural foundations associated with the 1901 occupation) may still be present. As such, research topics regarding historic activities including community development and economic and social concerns of the Merriam Mountains region from the late 1800s to the early 1900s may be addressed through completion of a data recovery program.

10.5 RESEARCH POTENTIAL AT SITE CA-SDI-4558

Analysis of previously recovered artifacts and faunal materials, and/or additional fieldwork is necessary to complete a report of finding for site CA-SDI-4558. Previous collections by Caltrans were given to the Luiseño Native Americans for reburial. Therefore, an index sample excavation will be necessary to address the research questions posed. As part of this study, a variety of research questions can be addressed. Previous work by Caltrans included the excavation of 35 1x1-m units, which resulted in the recovery of large points, manos, battered implements, debitage, and marine shell (Cook et al. 1977). In addition to the diverse collection, the quantity of artifact and ecofacts recovered from site CA-SDI-4588 are considerable (see Table 4-1). The following research areas were chosen based on a review of Table 4-1 created by Gallegos & Associates, which represents a large portion of the original Caltrans catalog (Cook et al. 1977).

- **Chronology**

Artifactual materials needed to determine the age and period of site occupation for CA-SDI-4558 were not recovered from the current test program. However, previous work by Cook et al. (1977) resulted in the recovery of diagnostic artifacts that were used to place this site within the Middle Holocene. During the 1977 test program, Cook et al. (1977) determined that several of the bifaces represent "typical San Dieguito blades" and one biface was identified as an "Elko-eared" biface type. Cook et al. (1977) states that these large bifaces, in concurrence with the large quantity of recovered manos and the patination of all metavolcanic debitage, were indicative of the Pauma Complex (Early Period) component. Given the presence of ceramics recovered within the upper levels of the site, Cook et al. (1977) identified a Late Period (post-1,300 years ago) component at site CA-SDI-4558 as well. As both shell and bone are present at this site, radiocarbon dating can be performed to determine an absolute date for period of occupation. As stated in Moratto (1984):

> Apart from a few San Luis Rey pot sherds near the surface, excavations at CA-SDi-4558 revealed 130 cm of Millingstone cultural deposits with several San Dieguito-like points in the upper levels (r. Cook 1977, 1978). Pending further work, the stratigraphy and identification of a Pauma component at Sdi-4558 remain equivocal.

Both Malcolm Rogers and Claude Warren use the term San Dieguito to represent a collection of artifacts and a specific time period. Warren, on the basis of radiocarbon dates and stratigraphic interpolation has stated, "The San Dieguito deposits at the Harris site may be dated as beginning prior to 9030 +/- 350 years and continuing until ca. 8490 +/- 400" (Warren et al. 1998). Site CA-SDI-4558 was identified as a likely Pauma Complex candidate (Cook et al. 1977), which can be considered similar to the San Dieguito Complex (in type of artifacts) and La Jolla Complex (in period of occupation). The dating of sites deemed "San Dieguito," has had a problematic past. As stated by Gallegos (1987):

> To date 12 of Rogers' 17 San Dieguito sites have been radiocarbon dated and only 1 site is older than 8000 years, 7 are over 7000 years, 2 are dated

> over 6000 years, and 2 are over 5000 years before present (B.P.). With these radiocarbon dates we can either assume that the San Dieguito component was not correctly dated or that the San Dieguito tradition of finely worked stone tools includes a broader time period to include sites younger than 7500 years B.P.

These earlier dates push many of these San Dieguito Complex sites into the temporal range of the La Jolla Complex, thereby removing them from their typologically San Dieguito roots. Herein lies the danger of attaching specific site types to specific cultures and to ridged temporal constraints. It has been suggested that artifact diversity for the Pauma Complex, La Jolla Complex, and San Dieguito Complex can be explained through site location, resources exploited, and availability of lithic resources for stone tool production (Gallegos 1987). The formation of the assemblages is likely bound more by ecological and geographical constraints rather than temporal ones.

It is clear that the assemblage at CA-SDI-4558 is not well understood. As such, additional analysis must be conducted in order to gain a greater understanding of the site assemblage, and to place the site within the chronological framework of Native American occupation of San Diego County. Therefore, the following lines of investigation are suggested:

Lithics

At present, only a minimal attempt to analyze the lithic technologies present at CA-SDI-4558 has been made. A preliminary analysis by Welch (Cook et al. 1977) indicates that primary reduction was conducted away from the site, while secondary core reduction was likely conducted on site. However, the manufacturing techniques involved, the origin of the materials the artifacts were manufactured from, the total range of artifacts present, or what time period of occupation these artifacts may represent is unclear. What is known is that the site maintains a minimum of eight large bifaces that suggest atlatl dart point or thrusting spear point manufacture. The presence of these artifacts generally suggests a date of less than 8,000 years ago to greater than roughly 1,600 years ago (Yohe 1992) for CA-SDI-4588. The dart points (projectile points) recovered from site CA-SDI-4558 provide a relative chronological placement of the site to the Early Period. Further

excavations or additional analysis of existing collections must be considered in order to understand the technological and chronological placement of the site.

Ceramics

The small amount of ceramics recovered from site CA-SDI-4588 suggests that site CA-SDI-4588 contains a small Late Period component. Ceramics were not in use in the region until approximately post-900 A.D. (Waters 1982). At or around 900 A.D., during the Patayan II Period, the use of ceramics spread to a wider area and into new regions. These new regions included northern territories, such as along the Colorado River to southern Nevada, east to Agua Caliente along the Gila River, and west towards the Peninsular Range. Before this diffusion, ceramics were not present in the San Diego region (Waters 1982). As such, a review of previous collections and/or an index sample of the site must be conducted in order to understand the temporal nature of the assemblage.

Obsidian

Obsidian recovered from site CA-SDI-4588 is another temporal indicator. It is likely that most of the obsidian recovered from CA-SDI-4588 was from the Coso Volcanic Field. The Coso Volcanic Fields are the most common sources of obsidian for specimens from Early Period sites in San Diego. This is because the nearest obsidian source in San Diego County is Obsidian Butte in ancient Lake Cahuilla (presently called Salton Sea), which did not become geologically exposed (and therefore available) until within the last 1,000 years. In addition, a few pieces of obsidian from the Coso sources are often found in larger Late Period sites. Therefore, the obsidian present at CA-SDI-4558 needs to be sourced using XRF source analysis in order to help determine the source and period of use.

Radiocarbon Dating

Cook et al. (1977) identified the presence of shell at CA-SDI-4558, which can be used for radiocarbon dating to determine age and period of site occupation. Although the recovered shell sample from CA-SDI-4558 was small, further site indexing may reveal a greater number of specimens with greater stratigraphic control so that a series of dates may be acquired for CA-SDI-4558. If shell is not available, then a sample of vertebrate faunal material can be used for radiocarbon dating. An index excavation sample would likely produce faunal specimens that may be used for AMS (Accelerated Mass Spectrometry) analysis to provide accurate dates to determine site occupation.

- **Lithic Technology**

At present, only the analysis of a small portion of the assemblage from CA-SDI-4558 has been made. Based upon the technological analysis of debitage from the present excavations at CA-SDI-4558, the following anthropological descriptions of nodule core reduction are offered. First, nodules of primarily fined-grained metavolcanic materials were selected for direct free-hand percussion core reduction. All of these nodules were reduced with either single-facet or multi-faceted platforms. This suggests nodules were selected and prepared outside of the present site area. Nodule core reduction is the most commonly occurring technique noted at CA-SDI-4558. Biface reduction was poorly represented in the present assemblage, as evidenced by the presence of twelve biface thinning flakes. These flakes, as well as the biface fragment, suggest bifaces were at least partially thinned and possibly used at CA-SDI-4558.

Previous analysis by Pettus (Cook et al. 1977) failed to clearly identify the lithic activities that may have occurred at CA-SDI-4558. Despite the present analysis, it is still unclear if the artifacts were manufactured on or near the site, the range of manufacturing techniques involved, the origin of the materials the artifacts were manufactured from, or the total range of artifacts present. Several flake-tool reduction strategies have been identified for the southern California coastal region. These include nodule core reduction, bipolar core reduction, and biface reduction using two types of cores. The

decision to use one type of core instead of another depends on at least two factors: 1) the form of the material to be reduced (small nodule, large nodule, layered); and, 2) the intended product (i.e., biface tool, scraper, hammer stone). In this region, expedient use of locally available nodules is expected to dominate the assemblage for flake tools, battered implement tools, and some ground stone tools. This assumption can be tested to address several study topics, including types of technological reduction strategies, materials used, ground stone manufacture, and site function in relation to the lithic tools.

Based upon the lithic technology identified at CA-SDI-4558, this site may have served as a habitation site. Flake production from metavolcanic nodules from local sources occurred at the site, suggesting flake tool use occurred at the site, even though few of these tools were found as part of the present lithic assemblage. Most likely, these tools were manufactured at the site, used at the site, then transported elsewhere for use where toolstone materials may not have been as readily accessible.

- **Subsistence Strategy**

Given the presence of atlatl dart points, some shellfish remains, vertebrate faunal remains, and milling equipment, it is clear that the inhabitants of CA-SDI-4558 were dependant upon a range of resources for subsistence. Hunting activities are supported by both projectile points and the faunal remains recovered from previous excavations. Based on similar assemblages near the site and what little data has been provided from the Cook et al. (1977) report, it is likely that the majority of the faunal assemblage is composed of *Leporidae* (jackrabbits, cottontails, and brush rabbits) of various species, as well as deer. The small mammals identified at CA-SDI-4558 may have been hunted with a variety of techniques including the use of nets, traps, and projectiles. The deer were likely hunted near the adjacent canyon using an atlatl, while rabbits may have been obtained in a multitude of locations. Based on the current assemblage, the majority of terrestrial-based hunting may have been conducted with nets or rabbit sticks. However, without further investigation and analysis of the faunal assemblage, any conclusions made about the assemblage can only be speculative.

The small amount of shellfish identified in the site assemblage, and the dominance of lagoon species (i.e., *Argopecten),* suggest occasional visits to the nearest lagoon habitat. It is likely that the shellfish represented at CA-SDI-4558 comprised only a minor portion of the subsistence activities that occurred at the site.

Lastly, the large milling assemblage present at the site suggests milling of plants and seeds, and game for protein. This is evidenced by the presence of a large number of milling tools collected from previous excavations. The large milling assemblage recovered from CA-SDI-4558 suggests that the inhabitants of the site had some dependence on food packages that required milling for processing (i.e., grass seeds). It is evident that a large portion of the diet of the inhabitants of CA-SDI-4558 was derived from plant foods that required milling technology for consumption. The assemblage at CA-SDI-4558 suggests that the inhabitants of the site relied on multiple subsistence practices for their daily sustenance. However, based on the present assemblage, it is likely that hunting and the milling of plants and small animals made up the largest portion of subsistence activities at CA-SDI-4558.

In addition, a small amount of ceramics, representing Late Period occupation, was recovered during the 1977 test program indicating cooking and storage of food and water (Rice 1987; True 1970). Since special studies (i.e., protein residue analysis) were not conducted during the 1977 test program, reconstruction of diet, and dietary practices and preferences is unknown. An analysis of faunal material would provide data on diet reconstruction and subsistence exploitation.

- **Settlement Pattern**

On the basis of previous work by Cook et al. (1977) and the current test program, site CA-SDI-4558 represents primarily an Early Period habitation site with a light Late Period occupation. Activities at site CA-SDI-4558 included hunting, and collecting and processing of plants. Additionally, toolstone was brought to the site, and tools were manufactured and used at the site.

Site CA-SDI-4558 is a multi-component site with artifact assemblages that date to both the Early Period (Middle to Late Holocene) and the Late Period (Late Holocene). Cook et al. (1977) provide a discussion on Pauma and La Jolla Complexes. The discriminating traits between these two complexes are that Pauma Complex sites are located in inland north San Diego County, and that most Pauma Complex sites lack shellfish remains (True 1958). Conversely, the La Jolla Complex is associated with coastal occupation and the extensive use of shellfish. The La Jolla and Pauma Complexes may simply be variations of the same cultural tradition, wherein the presence or absence of certain artifact types are because of the differences in environments (True 1980). Cultural characteristics that define the Pauma Complex include the following (True 1958; True and Fink 1977):

1) Equivalent to inland La Jolla sites
2) Gathering economy; numerous manos and metates
3) Most sites appear to be temporary campsites
4) Lack of shellfish
5) Knives and points are rare
6) Doughnut stones
7) Planes and core scrapers
8) Lack of observable midden, although some sites do have depth
9) Burials with inverted metates
10) Few hammerstones or choppers

Cook et al. (1977) suggest that site CA-SDI-4558 may represent a Pauma Complex site based on the recovery of large bifaces, an Elko biface, and a large quantity of milling artifacts. A large biface fragment was recovered during the current site boundary program providing additional support for Early Period occupation, however, without analysis of artifacts and ecofacts, as well as special studies (i.e., radiocarbon dating), no definitive conclusions can be made regarding the cultural placement of CA-SDI-4558.

For Early Period Native American occupation in western San Diego County, little is known concerning settlement pattern or subsistence behavior. Many of the conclusions about such patterns have been primarily based on secondary data corroborated with gross speculation. Rather than accumulate enough data to integrate past archaeological data and attempt cross-site regional comparison using modern analytical techniques, the path

of armchair speculation has been favored. As such, the patterns of behavior suggested by the materials of early sites in San Diego County, and the models that have been proposed to illuminate those behaviors, have fallen short of the mark. Early sites in San Diego County fall prey to the same shortcomings of Late Period sites in the region. Too often, tool forms or groups of tools are assigned to a specific culture or culture group (i.e., the San Dieguito, San Luis Rey, etc). This static view of prehistory fails to recognize the variation, both within sites and between sites that demonstrates comparable patterns of human behavior. As archaeologists working on cultural resource management (CRM) projects are forced to deal with sites on a site-to-site basis the aforementioned problem has been compounded. As stated earlier, it is clear that site CA-SDI-4558 represents an Early Period habitation site, wherein a wide range of activities were conducted. In order to better understand the site, one must understand how it fits into the region as a whole. These questions can only be answered through the comparison of archaeological sites on a regional scale. This may be done for Early Period/Archaic sites, if one sets aside chronology for a moment, and simply focuses on similarities in patterns of human behavior. Although such a feat is beyond the scope of a single site analysis, CA-SDI-4558 is an important piece of San Diego County's prehistoric puzzle. As such, it is significant in regards to understanding Early Period archaeological sites in San Diego County.

- **Trade and Travel**

Early travelers and ethnographers noted the presence of Native American trails and trade activities among different cultural groups in the southern California region. The procurement of lithic resources, such as serpentine, chalcedony, chert, jasper, obsidian, and steatite, may identify contact with other cultural groups, as these materials were not available in the local area. A review of the 1977 artifact catalog documented material types that included chert and obsidian, both of which denote trade and/or travel to the desert and/or regions north and east of San Diego County, and possibly as far as Northern California (Cook et al. 1977). A small amount (0.4 grams) of shell was recovered from CA-SDI-4558 as a result of the 1977 test program, however no shell was recovered from

the current study. The presence of shell suggests that some trade and/or travel occurred at CA-SDI-4558, however, without an in depth analysis of the lithic materials and ceramics (i.e., source), no further information is available regarding trade and travel at the site.

10.6 RESEARCH POTENTIAL AT SITE CA-SDI-9822

Analysis of previously recovered artifacts and/or additional fieldwork is necessary to complete a report of finding for site CA-SDI-9822. As part of this study, a variety of research questions can be addressed. Previous work by Palomar Community College recovered rare artifacts that include ceramic pipes, shell and bone ornaments, arrow shaft straighteners, and beads (bone, shell, stone, and glass) from site CA-SDI-9822. In addition to the diverse collection, the quantity of artifacts and ecofacts recovered from site CA-SDI-9822 are considerable (see Table 6-1). The following research areas were chosen based on a review of the catalog created by Gallegos & Associates, which represents the consolidation of older catalogs created by Palomar Community College.

- **Chronology**

At site CA-SDI-9822, a number of artifact types were recovered that can provide information on the range of occupation at the site. Palomar Community College students recovered over 400 projectile points, 1 crescentic, approximately 18,000 ceramic fragments, approximately 3,000 shell beads, obsidian, and a large amount of shell and bone remains.

White and White (n.d.) stated that site CA-SDI-9822 was radiocarbon dated to 540±60 years B.P., however no documentation confirming the radiocarbon dating analysis was provided by Palomar Community College. Nevertheless, an approximate period of occupation for site CA-SDI-9822 was determined through a review of the original artifact catalog at Palomar Community College. As a result of Palomar Community College fieldwork by students over a number of years, cultural material recovered included arrow points, ceramics, bone tools, milling tools, beads (bone, shell, stone, and glass), obsidian,

glass trade beads, shell, bone, and cremations. Arrow points, cremations, ceramics, and obsidian from Obsidian Butte relative date this site to the Late Period (1,300 years ago to contact). Ceramic sherds are a temporal indicator, as these artifacts were not in use in the San Diego County region until approximately post-900 A.D. (Waters 1982). Glass trade beads are temporal markers of the Historic period (post-1500 A.D.), as these items were used for trade and as currency between the early Europeans and the Native Americans of San Diego County.

Lithics

Currently, no attempt to analyze the lithic technologies present at CA-SDI-9822 has been made. It is not known if the artifacts were manufactured on or near the site, the manufacturing techniques involved, the origin of the materials the artifacts were manufactured from, the total range of artifacts present, or what time period of occupation these artifacts may represent. What is known is that the site maintains one of the largest projectile point assemblages known for north San Diego County. The large quantity of arrow points (projectile points) recovered from site CA-SDI-9822 provide a good sample for chronological placement of the site. Diagnostic artifacts such as small arrow points can be used for relative site dating to the Late Period, since small arrow points are typically found within Late Period artifact assemblages.

The crescentic artifact, if available, can be employed in the identification of the temporal component at the site because crescentic artifacts are recognized as an Early Period artifact. As such, it is unusual to find a crescentic of any kind in a deposit that is considered primarily late. Further excavations or additional analysis of existing collections must be considered in order to understand the technological and chronological composition of the site.

Ceramics

The large amount of ceramics recovered from site CA-SDI-9822 supports that site CA-SDI-9822 was a Late Period site. Ceramics were not in use in the region until roughly after 900 A.D. (Waters 1982). At or around 900 A.D., during the Patayan II Period, the

use of ceramics spread to a wider area and into new regions. These new regions included northern territories, such as along the Colorado River to southern Nevada, east to Agua Caliente along the Gila River, and west towards the Peninsular Range. Before this diffusion, ceramics were not present in the San Diego region (Waters 1982).

Shell Beads

Shell beads are chronological indicators, as the width, length, perforation diameter, and the curvature are markers for different temporal phases of shell bead manufacture in California. For example, *Olivella biplicata* lipped beads are used in many different parts of California between 1500-1650 A.D. according to King (1990), and are considered to be a Late Period bead type by Bennyhoff and Hughes (1987). As there was a large quantity of shell beads recovered from site CA-SDI-9822, a shell bead analysis may provide information on the range of occupation for the site.

Obsidian

Obsidian material recovered from site CA-SDI-9822 is another temporal indicator of occupation at the site. It is likely that most of the obsidian recovered from CA-SDI-9822 is from Obsidian Butte in ancient Lake Cahuilla (presently called Salton Sea), since it is the nearest source of obsidian. The flow of the Colorado River into the Salton Trough formed Lake Cahuilla (Wilke 1978). When Lake Cahuilla was full, Obsidian Butte was inaccessible because it was below the water. When the Colorado River changed its course and flowed directly into the Gulf of California, the water level of Lake Cahuilla receded and Obsidian Butte was exposed. The evidence for the dates of full lake stands in the past vary, however, the evidence from radiocarbon dates substantiates the existence of at least two full lake stands within the past 1,000 years (Hildebrand and Hagstrum 1995; Laylander 1997; Wilke 1978). Within the Late Period, obsidian from Obsidian Butte was accessible. In addition, a review of the obsidian assemblage as a whole must be undertaken employing XRF source analysis to identify the presence of obsidian originating from the Coso Volcanic Field. A few pieces of obsidian from the Coso sources are often found in larger Late Period sites. These specimens however, are often written off as gleaned material(s) from an Early Period site where Coso obsidian is more

common. However, Hughes and True (1985) suggest that obsidian from the Coso region was more widely exploited in San Diego during the Late Period than previously thought. The presence of a larger quantity of Coso obsidian at a Late Period site may support their conclusions. To date, it is unclear if the presence of obsidian from Coso sources in Late Period sites is a result of collecting from an Early Period site in the region, or from long distance Late Period trade and/or travel.

Radiocarbon Dating

If the present catalog could be cross-referenced with existing cultural materials, and the shell collection from units with good integrity could be identified, then a shell sample could be submitted for radiocarbon dating to determine age and period of site occupation.

- **Lithic Technology**

Currently, no attempt has been made to analyze the lithic technologies present at CA-SDI-9822. It is not known if the artifacts were manufactured on or near the site, the manufacturing techniques involved, the origin of the materials the artifacts were manufactured from, or the total range of artifacts present. What is known is that the site maintains one of the largest projectile point assemblages known for north San Diego County. Several flake-tool reduction strategies have been identified for the southern California coastal region. These include nodule core reduction, bipolar core reduction, and biface reduction using two types of cores. The decision to use one type of core instead of another depends on at least two factors: 1) the form of the material to be reduced (small nodule, large nodule, layered); and, 2) the intended product (i.e., biface tool, scraper, hammer stone). In this region, expedient use of locally available nodule is expected to dominate the assemblage for flake tools, battered implement tools, and some ground stone tools. This assumption can be tested to address several study topics, including types of technological reduction strategies, materials used, ground stone manufacture, and site function in relation to the lithic tools.

At present, archaeologists lack clear insight into the patterns of the morphology of artifacts that may have occurred within and/or across social and temporal boundaries. The archaeological literature on projectile point types leaves one with the sense that point morphologies (in the present case, Cottonwood Triangular and Desert Side-notched) are clear indicators of specific culture groups and time periods. This assumption can be found throughout the archaeological literature of southern California and is simply a hypothesis that needs testing to substantiate. Point types (or ratios thereof) have often been used (and still are used) to assign specific cultural affiliation and temporal placement to a specific site. If point morphology could identify cultural affiliation, then one would have to place the Kumeyaay (Diegueño) in Alabama, New Mexico, Arizona, Texas, and Illinois (to name a few) at various times in the Late Period; and, the Luiseño across the United States.

The taxonomies that sprang from the proliferation of archaeology in the Great Basin in the 1950s manifested as two umbrella morphological types, known as Desert Side-notched and Cottonwood Triangular points (Baumhoff 1957; Bettinger and Taylor 1974; Heizer and Hester 1978; Lanning 1963). The literature and taxonomies of the Great Basin quickly surfaced in San Diego County archaeology with the two major types prevailing (Cottonwood Triangular and Desert Side-notched series). Any variants of these forms have been defined primarily by basal morphology (i.e., Baumhoff and Byrne 1959; True 1970; Waugh 1988). In San Diego County, the study of point types as cultural and temporal markers has been based primarily on work by True (1970). True (1970) proposed that archaeological sites with a greater frequency of Cottonwood Triangular points would represent Luiseño occupation (San Luis Rey sites), whereas a greater frequency of Desert Side-notched arrow points would represent Kumeyaay occupation (Diegueño sites).

Based on the overwhelming quantity of Cottonwood Triangular projectile points in comparison to Desert Side-notched points using True's and other traditional point typologies, a site would be culturally assigned as either Luiseño or Kumeyaay (Diegueño). True suggests that Kumeyaay (Cuyamaca Complex sites) display "a cultural

preference for side-notched projectile points" (1970). However, more recent analyses concerning site composition suggest otherwise. It appears that the presence of a greater frequency of side-notched points may be related to function rather than to cultural preference. It can easily be shown that with any morphologically variable entity, as the quantity increases so does the degree of variation among "types." In addition, recent point breakage studies have proven that point typing on the basis of point bases is even more problematic.

Simply stated, the presence and identification of point types does not provide sufficient data to identify cultural affiliation. Although Cottonwood Triangular points and Desert Side-notched points appear to display some differential patterning across southern California, these distributions are not well understood. What causes the actual variation in these artifacts is uncertain. At present, a date of 1300 A.D. has been suggested for the development of small projectile points in southern California (Yohe 1992). Table 5-1 compares the frequency of Cottonwood Triangular and Desert Side-notched arrow points from nine Luiseño and Kumeyaay sites. This comparison demonstrates that both the Luiseño and the Kumeyaay sites have a dominant preference for Cottonwood Triangular arrow points. Two of the nine sites, one Luiseño (CA-SDI-5641) and one Kumeyaay (CA-SDI-12809) have a somewhat even number of Cottonwood Triangular and Desert Side-notched arrow points. The results of this sample of sites suggest that point variance is more likely a function of technological needs and constraints rather than aesthetic design. A more viable path to interpreting the archaeological record is the understanding that projectile points are part of a complex system that involves procurement (selection of rock for a specific purpose), production, reduction, recycling and disposal, as reflected in the archaeological record. The quantity of projectile points, in addition to the range of artifacts present at site CA-SDI-9822, provide a significant opportunity to address the hypotheses put forth by True, and to settle the many problematic contradictions concerning site morphology and cultural affiliation created by them.

- **Subsistence Strategy**

Given the presence of arrow points, shellfish remains, vertebrate faunal remains, and milling equipment, it is clear that the inhabitants of CA-SDI-9822 were dependant upon a range of resources for subsistence. Hunting activities are supported by both projectile points and the faunal remains recovered from previous excavations (Quintero 1987), including *Lepus californicus* (black-tailed jackrabbit), *Odocoileus hemionus* (mule deer), *Sylvilagus audubonii* (desert cottontail), *Sylvilagus bachmani* (brush rabbit), and *Thomomys bottae* (Botta's gopher). Although a large number of fish species were identified throughout the site, the most commonly exploited resources were small-sized mammals including *Lepus californicus*, *Spermophilus beecheyii*, *Sylvilagus audubonii*, *Sylvilagus bachmani*, *Thomomys bottae*, and small mammal. All of these species were likely hunted for subsistence purposes. They may have been hunted through the use of a variety of techniques including the use of nets, traps, and projectiles. The mule deer were likely hunted near the adjacent canyon areas of CA-SDI-9822 with projectiles, while rabbits may have been obtained in a multitude of locations. Based on the current assemblage, the majority of terrestrial-based hunting was likely performed with nets or rabbit sticks.

In addition to terrestrial species, fish were also used for subsistence at CA-SDI-9822. A wide range of fish species are represented at the site including *Genyonemus lineatus* (white croaker), *Rhinobatos productus* (shovelnose guitarfish), *Roncador stearnsii* (spotfin croaker), *Semicossyphus pulcher* (California sheephead) and *Clupeidae sp.* (Sardines). The various fish species may have been obtained in a variety of ways that rarely provide lasting evidence in the archaeological record. These may include fishing nets, hooks or perhaps fishing weirs. In addition, ethnographic data states that, "On San Diego Bay tule balsas were used," and "...perhaps canoes also" (Kroeber 1925). Luomala (1978) also states that the Kumeyaay (Diegueño) had tule balsas and fished with "bows, nets, hooks, and other devises." It is unclear if the present species were traded for or actually collected by the inhabitants of CA-SDI-9822.

The shellfish identified in the site assemblage suggest frequent visits to the nearest coastal or lagoon habitat with occasional visits to other shoreline areas such as a sandy beach habitat. It is likely that the shellfish represented at the site comprised a small part of the subsistence activities that occurred at the site.

Lastly, the large milling assemblage present at the site suggests the milling of plants and seeds, and game for protein. This is evidenced by the presence of a large number of milling tools. The large milling assemblage recovered from CA-SDI-9822 suggests that the inhabitants of the site had some dependence on food packages that required milling for processing (i.e., grass seeds). Given the variety and quantity of species, and the environments they represent, the inhabitants of CA-SDI-9822 most likely relied on multiple subsistence practices for their daily sustenance. Although the faunal assemblage from CA-SDI-9822 has been well defined, it is unclear how this part of the assemblage corresponds to the rest of the assemblage from the site. For instance, it is not certain how game was hunted, the origin of the majority of shellfish species and their habitats (ie., lagoon/estuary, rocky shore, or sandy beach species), or the types of vegetable material milled at the site (ie., acorns, succulents, seeds).

- **Settlement Pattern**

Quintero's (1987) work on the settlement pattern of CA-SDI-9822 suggests that CA-SDI-9822 was a Late Period site, seasonally occupied during late fall, winter and early spring months.

A re-analysis of cultural material from CA-SDI-9822 and/or additional fieldwork at the site, provide sufficient information to determine if CA-SDI-9822 was occupied seasonally or year-round, activities conducted, and how it relates to Late Period traditions in the San Diego region. Before True (1966, 1970) identified the Cuyamaca Complex, only the San Luis Rey Complex was believed to represent all Late Period cultures in San Diego (Meighan 1954, True 1966, 1970). Based on surveys and minimum excavations performed between 1961 and 1963, True (1970) defined the Cuyamaca Complex as a

Late Period tradition, separate from the type of Late Period sites identified in north San Diego County. True (1970) identified the following attributes that distinguished the Cuyamaca Complex from the San Luis Rey Complex:

1) Defined cemetery areas apart from living areas
2) Use of grave markers
3) Cremations placed in urns
4) Use of specially made mortuary offerings, such as miniature vessels, miniature shaft straighteners, and elaborate projectile points
5) Cultural preference for side-notched projectile points
6) Substantial numbers of scrapers and scraper planes in contrast to the low numbers found in the San Luis Rey area
7) Emphasis on the use of ceramics, as well as a wide range of forms and several specialized ceramic items such as rattles, bow pipes and effigy forms
8) A steatite industry
9) Substantially higher frequency of milling stone elements when compared to San Luis Rey
10) Possible clay-lined hearths

True (1970) based this complex on data from the Cuyamaca Mountain region, and artifact analysis. However, his sample size was not representative of Late Period sites outside the Cuyamaca Mountain region. Moreover, True's (1970) sample did not include the results of three major investigations (Tom-Kav, Frey Creek, and Molpa) at northern Late Period sites (True and Waugh 1981; True et al. 1974, 1991). By 1977, True and Fink (1977) had produced a "Generalized Cultural Characteristic" list for San Diego County that included the above attributes, but applied it to Kumeyaay (Diegueño), Luiseño, Cupeño, Cahuilla, Kamia, San Luis Rey, and the Cuyamaca Complex. A re-evaluation of the Cuyamaca Complex to determine its validity has not been conducted. Analysis of the artifact assemblage from site CA-SDI-9822, as well as a comparative analysis to other Late Period sites in north San Diego County, would provide valuable new data on settlement patterning, site use, and the relevance of the Cuyamaca Complex with respect to the prehistory of the north San Diego County region. Based on the data that is presently available, can CA-SDI-9822 be placed within a temporal settlement system for contrast with other earlier or later settlement systems? The answer to this question is a problematic, yet emphatic no. The current formula does not take into

account the dynamic nature of the artifactual assemblage or the inhabitants who produced it. A better understanding of material sources and exploitation practices will reveal new models for the settlement and subsistence patterns of the Late Period inhabitants of San Diego County.

Settlement and subsistence patterns proposed for the Luiseño include Oxendine (1983), Waugh (1986), Quintero (1987), and Christenson (1989). In 1986, Waugh analyzed three inland sites in an attempt to define subsistence and settlement activities for the Luiseño culture area. Using both faunal and floral data, Waugh concluded that "...at a seemingly late date, and as a result of proposed increased pressure on access to critical resources, a shift in subsistence strategies was marked by an emphasis on the acorn and a pattern of more intensified land use" (Waugh 1986). The three sites were dated using varied determinants, from Milling Phase to San Luis Rey I. Waugh states that a continuation, modification, and elaboration of the conclusions are expected for the Late Period Luiseño. Resource-based seasonal camps were the focus of the subsistence strategies. Upland sites were seasonally occupied, with acorns the subsistence focus. Storage of acorns allowed for intensified use of lowland sites, with available water the focus for site placement. Only one site contained shell, and none of the sites contained fish bone, leaving open the question of how coastal Luiseño sites fit into this settlement model.

Quintero (1987) previously analyzed CA-SDI-9822, which contained evidence of numerous coastal resources. The focus of Qunitero's analysis was faunal material. Through seasonality measurements of varied faunal resources, Quintero concluded that the prehistoric residents of the site had "...seasonally scheduled coastal exploitation and seasonal inland village site occupancy" (Quintero 1987). The data was based on one site that was very rich in cultural remains, and the results were not compared with the coastal phase of the seasonal pattern to verify results and conclusions. In addition, an analysis of the primary portion of the assemblage was not undertaken ignoring a large part of site activities. A settlement pattern cannot be derived from one portion of an assemblage, the entire assemblage must be considered. What little is known about the entire assemblage

at CA-SDI-9822 suggests a yearly occupied, large village standing in contrast to the model suggested by Quintero.

Waugh tested multiple models with CA-ORA-910A. While Waugh (1986) acknowledged seasonal exploitation and proposed that resource use intensified as population pressures increased, no seasonality determinations were made. Additionally, no discussion was presented regarding the presence of shell at one of the sites included in the study. However, the shell was present in quantities sufficient enough to indicate purposeful transportation from the coast to the inland site, rather than the exchange of a few pieces of shell (some possibly from ornaments) with coastal groups or carried by the inhabitants from a coastal location to the site.

Quintero's (1987) model proposes movement from the inland Deer Springs site (CA-SDI-9822) to the coast for fishing and shellfish gathering. While Quintero's seasonality analysis confirms seasonal use of CA-SDI-9822, a contemporaneously dated, seasonally occupied coastal site would strengthen Quintero’s model. ORA-910A, a short-term habitation coastal site contemporaneous with the Deer Springs site, contains a small amount of large and small mammal bone, but demonstrates a seasonal maritime subsistence segment based on specific marine mammals and fish. The settlement pattern, as modeled by Waugh (1986), is supported by evidence from three sites. Seasonally-focused sites are found on the coast (CA-ORA-910A), inland at sites like CA-SDI-9822, and in the uplands at acorn gathering sites (Waugh 1986).

Binford (1980) produced a mobility strategy continuum for hunter-gatherers that identified foragers that employed residential moves among a sequence of resource patches at one extreme, and collectors that restricted residential mobility in favor of movement by task-specific groups at the other end of the continuum. The importance of Binford's continuum is that it stressed variability. As proposed by Binford (1980), the forager/collector continuum does not represent two exclusive categories, but rather hunter/gatherer subsistence activities ranging between the two extremes. Thomas (1983) built upon this continuum by emphasizing variability in the settlement and subsistence

system in Monitor Valley, rather than uniformity. Thomas showed how the archaeological evidence could have three separate interpretations, each of which is part of the forager/collector continuum.

Binford's mobility strategy continuum is similar to the Luiseño pattern. Therefore, CA-SDI-9822 could have been a seasonally-occupied site, wherein acorns or other vegetal resources were exploited, and game obtained. Alternatively, it could have been a large village site from which special-purpose task groups were organized. Additional work at CA-SDI-9822 will be needed before the site may be understood and firmly placed within a settlement model.

- **Trade and Travel**

Early travelers and ethnographers noted the presence of Native American trails and trade activities among different cultural groups in the southern California region. The procurement of lithic resources, such as serpentine, chalcedony, chert, jasper, obsidian, and steatite, may identify contact with other cultural groups, as these materials were not available in the local area. A review of the Palomar Community College artifact catalog documented material types that included chert, steatite, and obsidian, both of which denote trade and/or travel to the desert and/or regions north of San Diego County, and possibly as far as Northern California.

Ceramics were also recovered from CA-SDI-9822. Ceramics are also an indicator of trade and travel, as the procurement of clay was not always from local resources (i.e., mountains, desert). Ceramic analysis allows the researcher to identify mineral inclusions of the ceramics that are specific to geologic zones, providing data on the possible trade and movement of the people who once occupied the site. In the San Diego region, ceramic artifacts were created from local clays in the mountains or from clays farther east from different areas of the desert. To differentiate which clays are local and non-local, clays need to be identified in relationship to their geological source. The different geologic zones that make up the San Diego region include the coastal plains, the

Peninsular Range mountains, and the Salton Trough desert. The coast and desert regions contain alluvial clays derived from marine and lacustrine sedimentary rock, while the Peninsular Range mountains contain residual clays derived from gabbroic-granitic materials.

A substantial amount of shell remains (approximately 80 kilograms), shell beads (approximately 3,000 beads), and historic glass beads (approximately 100 beads) were recovered from site CA-SDI-9822. The shell artifacts and ecofacts indicate that trade and/or travel to the coast did occur at the site. Furthermore, a large quantity of historic glass beads were recovered from site CA-SDI-9822, suggesting that trade did occur with the Spanish and/or through other Native American groups. Without analysis of the lithic materials and ceramics, it is unknown whether trade and/or travel occurred to other regions (i.e., Salton Sea).

10.7 RESEARCH POTENTIAL FOR THE 1901 HISTORIC STRUCTURE/LOCATION

Given the research conducted on the local history of the Merriam Mountains and the 1901 historic structure/location present within the project area, a pre-grade and data recovery phase has the potential to reveal significant subsurface features and artifacts. Controlled excavation should generate a rich and varied database to explore different avenues of inquiry regarding historic lifeways in northeast San Diego County with the anticipation of gaining a more complete understanding of community development over time. Van Wormer (Van Wormer 1991; Van Wormer and Schaefer 1991; Phillips and Van Wormer 1991) has conducted a number of regional programs under the theoretical context of functional pattern definition and consumerism studies. The following historic research topics were chosen based on previous work in the region prepared for Gallegos & Associates by Van Wormer (1994).

The primary cultural unit of historic archaeology has traditionally been the household, which is defined as a domestic residential group consisting of the inhabitants of a dwelling, or set of dwellings, and appears as a discrete group in historic documents

(Henry 1987a; 1987b). It includes all the residents in the group that could have contributed to primary artifact deposits within the premises' yard or other defined boundary during a single time period (Spencer-Wood 1987a). The household can generally be seen as a member of the social group to which its members belong. Households are members of two powerful reference groups: social class and ethnic affiliation. This commonalty of group membership allows comparison of large numbers of households on a consistent measure (Henry 1987a,b). If a sufficient database has been developed, research can focus on analytical units larger than the single site, making comparisons within and between social groups possible (Henry 1987a; 1987b).

- **Functional Pattern Recognition and Consumerism**

Functional pattern recognition and consumerism studies provide the theoretical background appropriate for the analysis of various aspects of human behavior during the 19th and early 20th centuries. Both studies provide a systematic approach to material culture that can be applied to cultural material recovered from the data recovery of the 1901 historic structure/location. The purpose of historic archaeological artifact analysis is not to reconstruct the past through detailed artifact descriptions, or to pay tribute to some notable person, but to reveal broad trends and patterns that can expand the understanding of the processes that affected people. The focus, therefore, is on differences in relationships between groups and cultures.

Based on methods developed by Stanley South and others, the purpose of pattern analysis is to develop functional artifact patterns or profiles (South 1977). In order to determine the types of activities represented, artifacts are divided into functional categories or groups. The purpose is to allow detection of relationships between functionally defined artifact groups at a generalized level of analysis and thereby define broad patterned regularities (South 1977). The need for analysis at this level is to define functional patterned regularities and to detect variation in the norm through cross-site comparison. South's models use a classification system with eight artifact groups. These are appropriate for sites that date prior to the Civil War; however, the quantity, variety, and

availability of material items greatly increased after the Civil War, leading to the development of a consumer-oriented culture by the end of the 19th century (Thomas 1982; Gordon and McArthur 1985; and Spencer-Wood 1987a).

The increase in availability of manufactured goods and in consumer buying after 1860 necessitated a more complex classification system. A system of 20 artifact groups has proven successful for various site types in southern California (Van Wormer 1991a; 1991b; Van Wormer and Schaefer 1991; Phillips and Van Wormer 1991). Artifacts in each group are quantified by estimated minimum number and weight, with the amount converted into a percentage of the total number and weight of artifacts from the deposit. It can thus be determined to what degree different activities are represented, resulting in a functional pattern or profile of the artifact assemblage. Bulk items such as concrete, building items, brick fragments, window glass, and tile are usually so fragmented that estimated minimum numbers cannot be calculated, and therefore are quantified by weight only.

With this approach, archaeological refuse deposits take on meaning in relation to their ability to contribute to the definition of specific behavioral patterns. Trash-filled privies, wells, and pits often contain artifact assemblages representing small, temporally and spatially distinct patterns of different households.

Archaeological studies in consumerism attempt to define archaeological situations in which pattern differences may be the result of socioeconomic status, ethnicity, household structure and lifestyle, market access, and biases in the archaeological and documentary records. Research in archaeology and on 20th century consumer behavior have both found strong relationships between economic roles, social stratification, and the types of material culture of households excavated from sites (Spencer-Wood 1987a).

Studies in consumer behavior indicate that people buy things for what they mean culturally, as well as for their functional purpose. Consumption is one of the important ways of signifying membership in a group, particularly in class, status, and ethnic groups,

and therefore is an important reflection of lifestyle. Some groups, known as reference groups, exert a greater influence on individuals. People tend to follow the lifestyle of the group to which they belong. There will be variability within the group's lifestyle as practiced by individual members; however, there will be more similarity among individuals within the group than between groups (Henry 1991).

The study of consumer behavior requires a comparative database so that patterns that characterize various social classes, ethnic groups, historical periods, and geographical regions can be compared (Lee Decker 1991). Intersite comparisons are used to assess the range of variation between groups and between households to define shared group behaviors (Spencer-Wood 1987a).

- **Economic Indexing, Consumption Pattern Analysis, and Dietary Studies**

Several procedures have been developed to study consumerism and the relative value different groups placed on certain artifact classes. These include economic indexing, consumption pattern analysis, and dietary studies.

Economic indexing was first developed by George I. Miller for ceramic tableware. It is based on indices developed from cost relationships of tableware form and decoration during specific time periods (Miller 1980). Analytical methods based on Miller's work have been refined to develop consumer choice profiles (Spencer-Wood et al. 1987; Spencer-Wood 1987b). Indices have been developed by Henry for 20th century ceramic assemblages (Henry 1982, 1987b). Similar types of indices have also been used for butchered bone and fish remains (Henry 1982, 1987; Schulz and Gust 1983; Huelsbeck 1991; Singer 1987). Bottled product consumption patterns have proven useful to determine site function and social group affiliation. Relative frequencies of bottled products differ between domestic households and commercial establishments, as well as between social groups (Van Wormer 1983b, 1991a; Blanford 1988).

Data from ceramic, faunal, and culinary bottle assemblages recovered from the 1901 historic structure/location can be indicative of status variance and the ethnic affiliations of populations represented by artifact assemblages. These studies focus on diet. The kinds of foods individuals chose and the ways it was prepared are overlaid with cultural significance that reaches well beyond the satisfaction of hunger or nutritional needs (Holt 1991). Analysis of relative frequencies of ceramic tableware forms have proven to be indicative of the types of foods served and consumed, thereby reflecting ethnic and status differences (Otto 1977, 1980; Felton and Schulz 1983). Relative quantities of faunal species, culinary bottled products, tin can types, and butchering techniques have been shown to reflect ethnic food preferences and preparation practices (Langenwalter 1980; Van Wormer 1983b, 1990a, 1991a,b; Blanford 1988). Although these methods have proven to be useful conclusions based on a single analytical technique, they should not be relied upon without confirmation by other data sets and historical documentation (Reitz 1987; Baugher and Venables 1987).

10.8 SIGNIFICANCE AND ELIGIBILITY DISCUSSION

Sites CA-SDI-9253, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265 have poor site integrity, and produced a low amount of artifactual and ecofactual materials to adequately address the research questions posed. Given the results of the testing program, additional work at sites CA-SDI-9253, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265 would not significantly contribute to our understanding of these sites or past use of the site locations or the site occupants. Given the poor site integrity, and low amount of artifactual and ecofactual materials recovered, sites CA-SDI-9253, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265 are identified as not significant under County of San Diego and CEQA criteria. Sites CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, and CA-SDI-5640 are all milling stations (single features comprised of only one or two elements) that have been destroyed by development, and as such are also identified as not significant under County of San Diego and CEQA criteria.

Sites CA-SDI-4558, CA-SDI-9822, and the 1901 historic structure/location are identified as significant under CEQA. Site CA-SDI-4558 was also identified as significant and eligible for placement on the National Register of Historic Places (Cook et al. 1977; White 2005). Given the presence of human cremated bone and a pictograph feature at CA-SDI-9822, and that CA-SDI-4558 was identified as eligible for placement on the National Register of Historic Places, both sites are identified as RPO significant. Based on current work and previous work by Cook et al. (1977) and Palomar Community College, sites CA-SDI-4558 and CA-SDI-9822 have fair to good site integrity, and produced a large amount of ecofactual and artifactual materials, and a diverse range of artifacts and ecofacts, to address important research questions.

In addition, it is clear that the analysis and comparison of sites CA-SDI-4558 and CA-SDI-9822 give archaeology a rare opportunity to compare and contrast a primarily Early Period site (CA-SDI-4558) with a primarily Late Period site (CA-SDI-9822), situated in the same environmental setting. This opportunity is especially important for the northeastern portion of the San Diego region, as few habitation sites have been carefully analyzed and compared to one another. This situation provides a rare opportunity to compare Early and Late Period trade patterns, subsistence patterns, settlement patterns, lithic technologies, and to answer a range of other research questions for San Diego County.

The 1901 historic structure/location is identified as significant as there is strong potential for encountering historic subsurface features (i.e., privy pits, refuse dumps, and architectural foundations) associated with the first historic settlers of the Merriam Mountains area, as well as material remains of later era residents. Such data can provide valuable information on early settlement in north San Diego County.

SECTION 11
MANAGEMENT RECOMMENDATIONS

11.1 INTRODUCTION

The literature review, record search, and field survey for the Merriam Mountains project area and associated off-site improvement areas identified a total of 11 cultural resource sites and 2 isolates. These resources include sites: (CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9253, CA-SDI-9822, CA-SDI-10747H, CA-SDI-17264, and CA-SDI-17265), one mapped location for a historic structure on a 1901 USGS map, and two isolates (SDM-W-3880C and P-37-025968). The sites are: five bedrock milling stations (CA-SDI-4370, CA-SDI-4371, CA-SDI-5639, CA-SDI-5640, and CA-SDI-17265); two habitation sites (CA-SDI-4558 and CA-SDI-9822); one temporary camp (CA-SDI-9253); two historic sites (CA-SDI-10747H and a pre-1901 location for a historic structure); and, one lithic scatter (CA-SDI-17264). The five bedrock milling stations are primarily individual granitic boulders with only one or two milling elements that in most cases were not relocated, and appear to have been destroyed by previous development. Impacts, mitigation measures, and management recommendations are provided below for each archaeological site.

11.2 IMPACTS AND MITIGATION MEASURES

As presently planned, sites CA-SDI-4370, CA-SDI-4371, CA-SDI-4558, CA-SDI-5639, CA-SDI-5640, CA-SDI-9822, CA-SDI-17264, and CA-SDI-17265, isolates SDM-W-3880C and P-37-025968, and one historic structure/location on a 1901 USGS map will be directly and/or indirectly impacted by the proposed development (Figure 11-1 and Table 11-1). The remaining two sites (CA-SDI-9253 and CA-SDI-10747H) will be placed within an Open Space Easement. The following describes potential impacts at, or adjacent to significant cultural resources within the Merriam Mountains project area:

FIGURE 11-1

PROJECT AREA, PREVIOUSLY RECORDED CULTURAL RESOURCES, AND NEWLY RECORDED CULTURAL RESOURCES SHOWN ON DEVELOPMENT MAP

(See Confidential Appendix)

Table 11-1
Site Status and Recommendations

Location	Site #	Site Description	Site Status	Recommendation
Twin Oaks North-South Off-site Improvement Area	CA-SDI-4370	One Bedrock Milling Feature	Destroyed	Monitoring during construction.
Twin Oaks North-South Off-site Improvement Area	CA-SDI-4371	One Bedrock Milling Feature	Not relocated; likely destroyed or located outside of project area	Monitoring during construction.
Merriam Mountains Project Area	CA-SDI-4558	Habitation Site	CEQA and RPO Significant	(1) Mitigation of potential impacts through data recovery for the Proposed At-grade; or capping and index sampling for the Alternative; (2) For the Alternative, capping using surcharged fill for portions adjacent to and within Deer Springs Road; (3) Temporary fencing during construction followed by permanent fencing for portions within open space easement; (4) Monitoring by a qualified archaeologist and a Native American during construction.
Merriam Mountains Project Area	CA-SDI-5639	Two Bedock Milling Features	Destroyed	Monitoring during construction.
Merriam Mountains Project Area	CA-SDI-5640	One Bedrock Milling Feature	Destroyed	Monitoring during construction.
Merriam Mountains Project Area	CA-SDI-9253	Temporary Camp	Not Significant	Monitoring during construction.
Merriam Mountains Project Area	CA-SDI-9822	Habitation Site	CEQA and RPO Significant	(1) Mitigation of potential impacts through data recovery for the Proposed At-grade; or capping and index sampling for the Alternative; (2) For the Alternative, capping using surcharged fill, with road placement on top of fill; (3) Temporary fencing during construction followed by permanent fencing after construction for portions within open space easement; (4) Reanalysis of previously collected materials, and a report of findings; (5) Monitoring by a qualified archaeologist and a Native American during construction; (6) re-photo-documentation of the pictograph.
Merriam Mountains Project Area	CA-SDI-10747H	Historic	Not Significant	Monitoring during construction.
Merriam Mountains Project Area	CA-SDI-17264	Lithic Scatter	Not Significant	Monitoring during construction.
Merriam Mountains Project Area	CA-SDI-17265	One Bedrock Milling Feature	Not Significant	Monitoring during construction.
Merriam Mountains Project Area	SDM-W-3880C	Isolate	Not Significant	Monitoring during construction.
Northeast Off-site Improvement Area	P-37-025968	Isolate	Not Significant	Monitoring during construction.
Merriam Mountains Project Area	1901 Map Location for Historic Structure	Historic	Significant	Pre-grade and data recovery program.

CA-SDI-4370

Site CA-SDI-4370 is located within the proposed development impact area (see Figure 11-1). No further work is recommended for this site, as this isolate bedrock milling feature has been destroyed by previous grading for ranching and housing development.

CA-SDI-4371

Site CA-SDI-4371 is an isolate milling station comprised of one milling slick, and is recorded at the south end of the proposed Merriam Mountains project area. This site is recorded as primarily outside of the project area, however, the milling feature was not relocated within the project area. It is likely that the feature has been destroyed by road construction, or is located adjacent to, but outside of the project area. As this site is identified as not significant, no further work is recommended.

CA-SDI-4558

Site CA-SDI-4558 is located within the proposed development impact area (see Figures 11-1, 11-2, and 11-3). CA-SDI-4558 is identified as significant under CEQA and RPO criteria (see Table 11-1). As Deer Springs Road improvements are identified as "an essential public facility or project, or recreational facility which includes public use," RPO protection does not apply (see Section 11.2.1 for RPO explanation). For the portion of site CA-SDI-4558 that will be potentially directly impacted by Deer Springs Road improvements, mitigation of impacts will be achieved through either the Proposed At-grade option of data recovery, or the Alternative option of avoidance. It is anticipated that the data recovery program will involve the excavation of 35 1x1-m units at CA-SDI-4558, artifact analysis, special studies, and a report of finding.

If the Alternative option is chosen, the site will be mitigated of potential direct impacts through index sampling and capping with surcharged fill. All road-widening construction shall occur on the fill, rather than on site CA-SDI-4558 to lessen impacts (see Figure 11-4). Utility lines will be placed either outside of the archaeological site or within the fill soil. Three feet or more of clean fill will be placed between the

FIGURE 11-2

PROPOSED DEER SPRINGS ROAD DEVELOPMENT AND SITES CA-SDI-4558 AND CA-SDI-9822

(See Confidential Appendix)

FIGURE 11-3

PROPOSED AT-GRADE POTENTIAL DIRECT AND INDIRECT IMPACTS AT SITE CA-SDI-4558

(See Confidential Appendix)

FIGURE 11-4

ALTERNATIVE POTENTIAL DIRECT AND INDIRECT IMPACTS FOR SITE CA-SDI-4558

(See Confidential Appendix)

archaeological midden and the utility line(s) for water or sewer. A minimum of 1 foot of fill will be placed between the archaeological midden and electrical or telephone lines. The major portion of site CA-SDI-4558 will be avoided. An index sample excavation will be completed to characterize the deposit. This sample, along with an analysis of previous work, will provide a database to address research questions in a technical report of finding.

For the portion of site CA-SDI-4558 that will be avoided (placed within open space), indirect impacts will occur from construction, increased accessibility, and the potential for pot-hunters/looters. Mitigation of indirect impacts will be achieved through temporary fencing during construction followed by permanent ranch-style fencing after construction (see Figure 11-4). The portion of the site within the open space easement will be cleared of non-native vegetation; however, native vegetation will remain. Non-native trees will be cut down to level with the roots left in place. Non-native grasses and brush will be cleared by hand or weed-wacker. The cement foundation will be carefully removed and capping using clean fill soil will be used to fill in the foundation area. A one-time hydro seeding with native plant seeds will be conducted. No sprinkler system or watering system will be used to promote native vegetation.

CA-SDI-5639

Site CA-SDI-5639 is located within the proposed development impact area (see Figure 11-1). No further work is recommended for this site, as the two bedrock milling features have been destroyed by previous development.

CA-SDI-5640

Site CA-SDI-5640 is located within the proposed development impact area (see Figure 11-1). No further work is recommended for this isolate bedrock milling feature within the Twin Oaks North-South off-site improvement area, as it has been destroyed by previous development.

CA-SDI-9253

Site CA-SDI-9253 is located within the Open Space Easement, and will not be impacted (see Figure 11-1). Site CA-SDI-9253 is identified as not significant and no further work is recommended.

CA-SDI-9822

Site CA-SDI-9822 is located within the proposed development impact area (see Figures 11-1, 11-2, and 11-5). As part of the current study, presence/absence testing was conducted for the portion of site CA-SDI-9822 south of Deer Springs Road.

Presence/absence testing of the southern portion of site CA-SDI-9822 included excavation of five STPs. In all, testing produced 1 biface, 68 debitage, 13 ceramic sherds, 1 *Olivella* sp. shell bead, 13.11 g of bone, and 64.11 g of shell. Three STPs were positive and two STPs were negative. The positive STP results represent a significant intact subsurface deposit, adjacent to and south of Deer Springs Road. On the basis of previous and current work, and the presence of a pictograph feature and cremations, site CA-SDI-9822 is identified as significant under CEQA and RPO criteria (see Table 11-1). As Deer Springs Road off-site improvements are identified as "an essential public facility or project, or recreational facility which includes public use," RPO does not apply for this type of impact (see Section 11.2.1 for RPO explanation). Mitigation of potential direct impacts for portions of site CA-SDI-9822 south of, within, and north of Deer Springs Road will be achieved through either the Proposed At-grade option of data recovery, or the Alternative option of avoidance. It is anticipated that the data recovery program will involve the excavation of 100 1x1-m units at CA-SDI-9822, artifact analysis, reanalysis of previously collected materials (Palomar Community College), special studies, and a report of finding.

If the Alternative option is chosen, the site will be mitigated of potential direct impacts through index sampling, artifact analysis, reanalysis of previously collected materials (Palomar Community College), a report of finding, and capping with surcharged fill (Figure 11-6). All road-widening construction shall occur on the fill, rather

FIGURE 11-5

PROPOSED AT-GRADE POTENTIAL DIRECT AND INDIRECT IMPACTS AT SITE CA-SDI-9822

(See Confidential Appendix)

FIGURE 11-6

ALTERNATIVE POTENTIAL DIRECT AND INDIRECT IMPACTS FOR SITE CA-SDI-9822

(See Confidential Appendix)

than on site CA-SDI-9822 to lessen impacts (County of San Diego 1991). Utility lines will be placed either outside of the archaeological site or within the fill soil. Three feet or more of clean fill soil will be placed between the archaeological midden and the utility line(s) for water or sewer. A minimum of 1 foot of fill will be placed between the archaeological site midden and electrical and/or telephone lines. For CA-SDI-9822, an index sample excavation will be completed to characterize the deposit. This sample, along with an analysis of previous work, will provide a database to address research questions in a technical report of finding.

Indirect impacts include increased accessibility and the potential for pot-hunters/looters. For the portion of site CA-SDI-9822 (portions within open space) that will be indirectly impacted by Deer Springs Road improvements, mitigation of impacts will be achieved through temporary fencing and minor capping with clean soil as needed (see Figures 11-5 and 11-6). Minor capping will only cover the surface of the site; however, bedrock milling features and the pictograph will not be capped. Photodocumentation of the pictograph feature will also be conducted.

CA-SDI-10747H

Site CA-SDI-10747H is located within the Open Space Easement, and will not be impacted (see Figure 11-1). Site CA-SDI-10747H is identified as not significant and no further work is recommended.

CA-SDI-17264

Site CA-SDI-17264 is located within the proposed development impact area (see Figure 11-1). Site CA-SDI-17264 is identified as not significant and no further work is recommended.

CA-SDI-17265

Site CA-SDI-17265 is located within the proposed development impact area (see Figure 11-1). Site CA-SDI-17265 was tested and four surface artifacts were collected and analyzed. This site is identified as not significant and no further work is recommended.

P-37-025968

Isolate P-37-025968 is located within the proposed development impact area (see Figure 11-1). Isolate P-37-025968 does not constitute a site by State of California definition, and is identified as not significant. No further work is recommended.

SDM-W-3880C

Isolate SDM-W-3880C is located within the proposed development impact area (see Figure 11-1). Isolate SDM-W-3880C does not constitute a site by State of California definition, and is identified as not significant. No further work is recommended.

1901 Historic Structure/Location

The 1901 historic structure/location is within the proposed development impact area. The 1901 historic structure/location was not relocated and the structure appears to have been destroyed. This site is identified as significant as subsurface features may be present that can provide information on early homesteading in north San Diego County. Mitigation of impacts will be achieved through the completion of a pre-grade and data recovery program to locate buried features, analysis of materials recovered, and completion of a report of finding.

11.2.1 Recommended Mitigation Measures

As sites CA-SDI-4558 and CA-SDI-9822 are identified as RPO significant sites, the only mitigation measure is avoidance. However, avoidance of impacts to these two sites may not be possible as both sites are located within an off-site improvement area (Deer Springs Road improvements) that is proposed to include public projects (i.e., underground utility, roadway improvement, and water extension). These types of public projects are considered essential and include public use, and are therefore considered exempt from the Resource Protection Ordinance, according to Article V of the Resource Protection Ordinance.

3. Any essential public facility or project, or recreation facility which includes public use when the authority considering an application listed at Article III, Section 1 above makes the following findings:

a. The facility or project is consistent with adopted community or subregional plans;

b. All possible mitigation measures have been incorporated into the facility or project, and there are no feasible less environmentally damaging location, alignment, or non-structural alternatives that would meet project objectives

The Merriam Mountains project is consistent with the San Diego County General Plan to accommodate the rapid population growth in the north county region. Specifically, services such as water, sewer, fire protection and schools must be available to sustain the annual growth rate of north San Diego County. The Merriam Mountains off-site improvements (underground utility, roadway improvement, sewer, and water extension) at Deer Springs Road are required given that the development of the Merriam Mountains master-planned community will increase the residential and commercial use of the area. To accommodate this type of growth, public projects (identified in this report as off-site improvement areas) must be achieved.

All feasible less environmentally damaging alternatives were examined to avoid direct impacts to sites CA-SDI-4558 and CA-SDI-9822. One alternative included modifying Deer Springs Road further south than its current route; however, this would only avoid direct impacts to CA-SDI-4558. Site CA-SDI-9822, which extends south of the road, would still be impacted, and there would be direct impacts to significant biological resources adjacent to the road. Another alternative consisted of modifying the road further to the north; however, from an engineering perspective, it was unfeasible to build a road against the steep mountain slope. Moreover, site CA-SDI-4558 would not be avoided of direct impacts. Further alternatives were considered; however, significant biological resources adjacent to the road, the design and curvature of the current road, traffic lane issues, and private property disqualified these alternatives.

Consequently, all possible mitigation measures were incorporated into the chosen Deer Springs off-site improvement alternative. Measures to lessen direct impacts to sites CA-

SDI-4558 and CA-SDI-9822 include the Proposed At-grade option using data recovery and the Alternative option of constructing road improvements upon 30 feet of surcharged fill. The Proposed At-grade mitigation option of a data recovery program will involve the excavation of 35 1x1-m units at CA-SDI-4588 and 100 1x1-m units at CA-SDI-9822 (see Section 12). Artifact analysis, special studies, a reanalysis of previously collected materials for CA-SDI-9822, and a report of finding for both sites will also be conducted for either mitigation option.

The Alternative mitigation option of index sampling and capping will protect the primary site area of CA-SDI-9822, and leave the northern edge of the site (the pictograph and bedrock milling features) within open space. The fill will protect the portion of site CA-SDI-4558 within Deer Springs Road while the remaining site area (the majority) will be avoided. Examples of capping archaeological sites include Moosa Canyon archaeological materials from sites CA-SDI-4807, CA-SDI-4808, and CA-SDI-4556 under Interstate 15 (I-15), and U.S. Army Corps of Engineers projects as cited in "The Archaeological Sites Protection and Preservation Notebook" (U.S. Army Corps of Engineers 1990). A brief summary of the I-15 site burial and results is provided below:

> Construction of I-15 north of San Diego led to the discovery of prehistoric archeological sites within the highway right-of-way. A local Indian group requested that in lieu of excavation (data recovery), these sites be buried underneath the embankment. Archeologists were concerned that such burial underneath deep fill would pose an adverse effect to the cultural resources. As a result the California Department of Transportation (Caltrans) conducted both laboratory and field experiments to test the effects of such burial on the buried artifacts. An artificial archeological site was constructed by Caltrans and then buried under a 75-ft embankment. Reinvestigation of the site by means of a culvert-lined access tunnel permitted evaluation of the nature and degree of damage to the archeological materials resulting from soil compaction...The results of the field study supported the laboratory study, which suggested that a loading equivalent to 75-ft of embankment over archeological sites would produce limited damage to the artifacts... (U.S. Army Corps of Engineers 1990).

For the Alternative, mitigation will include the excavation of an index sample, wherein six to twelve 1x1-m units will be excavated to characterize the portion of site CA-SDI-9822 that is to be preserved/protected through capping. In addition to the index sample, a reanalysis of materials previously collected by Palomar Community College and photodocumentation of the pictograph feature will be conducted. For the portion of site CA-SDI-4558 that is to be preserved/protected through capping, an index sample program will also be conducted. The index sample program will involve the excavation of 6 to 12 1x1-m units prior to capping. This sample, along with previous work, will serve as a database to address research questions in technical reports of finding for these sites.

For both the Proposed At-grade and the Alternative, mitigation should include permanent ranch-style fencing (minimum 4-feet height) to ensure that off-road vehicles are kept out of these areas (CA-SDI-4558 and CA-SDI-9822). The ranch-style fencing should also be used to protect areas of the sites where capping is not practical (i.e., bedrock milling features). Capping of archaeological sites CA-SDI-4558 and CA-SDI-9822 should include a permeable geotextile fabric (i.e., Amoco cloth) placed over the site, followed by at least six inches of sterile sand, followed by one to three feet of un-compacted fine-grained soil (i.e., decomposed granite), followed by clean fill soil. It is also necessary that the clean fill soil "feather" out ten feet beyond the defined boundary of the capping area to create a buffer. For the purpose of site protection and interpretative use, only shallow-rooted native plant seeds will be used within the site boundaries. Vegetation growth across the protected area will maintain the cap's integrity. Utility and irrigation lines will be placed either outside of the archaeological sites or within the fill. A minimum of 3 feet of fill will be placed between the archaeological midden and the utility line(s).

For either the Proposed At-grade or Alternative, there is still the potential for indirect impacts for the portions of sites CA-SDI-4558 and CA-SDI-9822 that will be avoided (placed in open space), and thus minor capping will occur. Minor capping shall consist of 3 to 6 inches of clean soil over the site area. For both sites, seeding for shallow-rooted

native plants will be used within the boundaries to provide a protective layer to the site. If construction is to be conducted near sites CA-SDI-4558 and CA-SDI-9822, then temporary fencing will be constructed and the areas designated as environmentally sensitive. Construction equipment will be directed away from these sites, and construction personnel will be directed to avoid entering the areas.

If mitigation through the Proposed At-grade data recovery or the Alternative using capping of surcharged fill and index sampling is requested and approved for the widening of Deer Springs Road and/or placement of utility lines, then a data recovery or index sampling plan for sites CA-SDI-4558 and CA-SDI-9822 will be submitted to the County of San Diego for review and approval prior to starting this work.

As no comprehensive reports for previous excavations at CA-SDI-4558 and CA-SDI-9822 have been completed, it is recommended that a report of finding be prepared for both CA-SDI-4558 and CA-SDI-9822. This work should include re-analysis of previously recorded cultural material, and/or additional field (i.e., index sample) and laboratory work necessary to complete a report documenting previous work for these sites, as well as special studies, and a report of finding. Monitoring of the project area during ground disturbing activities by a qualified archaeologist and a Native American is necessary to ensure that if features (i.e., human remains, hearths, historic deposits) are present, they will be handled in a timely and sensitive manner.

As presently planned, the 1901 historic structure/location within the Merriam Mountains project development area will be impacted by the proposed mass grading. Mitigation of impacts will be achieved through the completion of a pre-grade and data recovery program to locate buried features, analysis of materials recovered, and completion of a report of finding. This plan will include a controlled backhoe excavation to determine the presence and/or absence of buried historic resources. If subsurface features and artifacts are identified, then a data recovery program will be conducted and will include excavation of 3x3-ft. units, block excavations, feature excavation, and analysis of

artifacts. Special studies may include, but will not be limited to glass, ceramic, metal, and faunal analyses.

11.2.1.1 Protection of Sites within the Open Space Easements

If construction is to occur near sites within the open space easements, then temporary fencing should be constructed and the areas should be designated as environmentally sensitive. Construction equipment will be directed away from these sites, and construction personnel will be directed to avoid entering the areas. If necessary, during construction phase, after-hours monitoring of the open space easements by a private security company will be employed to maintain a high visibility presence and observe through patrols for signs of trespassing, vandalism, pot-hunting, or other site damage; then, taking action and/or reporting any incidents to their client, employer, and the County of San Diego. Significant sites located within open space easements (i.e., pictographs) will also require long-term management and site stewardship to prevent trespassing, vandalism, pot-hunting, or other site damage. Specific activities prohibited within the open space easements should include (but not be limited to) construction of homes and buildings, surface mining activities, industrial uses, and commercial uses. In addition, periodic inspection of the property to verify compliance with the open space easement guidelines should be conducted by the County of San Diego or a qualified archaeologist.

11.2.2 Grading Monitoring and Data Recovery Program (Taken from County of San Diego Guidelines)

Prior to approval of grading or improvement plans, the subdivider shall contract with a County certified archaeologist to implement a grading monitoring and data recovery program to the satisfaction of the Director of Planning and Land Use (DPLU). Verification of the contract shall be presented in a letter from the Project Archaeologist to the Director of Planning and Land Use. This program shall include, but not be limited to, the following actions:

1. The consulting archaeologist shall contract with a Native American Observer to be involved with the grading monitoring program. The County certified archaeologist/historian and Native American Observer shall attend the pre-grading meeting with the contractors to explain and coordinate the requirements of the monitoring program. The Department of Planning and Land Use shall approve all persons involved in the monitoring program prior to any pre-construction meetings.

2. During the original cutting of previously undisturbed deposits, the archaeological monitor(s) (and Native American Observer) shall be onsite full-time to perform periodic inspections of the excavations. The frequency of inspections will depend on the rate of excavation, the materials excavated, and the presence and abundance of artifacts and features.

3. Isolates and clearly non-significant deposits will be minimally documented in the field and the monitored grading can proceed.

4. In the event that previously unidentified potentially significant cultural resources are discovered, the archaeologist shall have the authority to divert or temporarily halt ground disturbance operation in the area of discovery to allow evaluation of potentially significant cultural resources. The archaeologist shall contact the County Archaeologist at the time of discovery. The archaeologist, in consulting with County staff archaeologist, shall determine the significance of the discovered resources. The County Archaeologist must concur with the evaluation before construction activities will be allowed to resume in the affected area. For significant cultural resources, a Research Design and Data Recovery Program to mitigate impacts shall be prepared by the consulting archaeologist and approved by the County Archaeologist, then carried out using professional archaeological methods. If any human bones are discovered, the County Coroner shall be contacted. In the event that the remains are determined to be of Native American origin, the Most Likely Descendant, as identified by the Native American Heritage Commission, shall be contacted in order to determine proper treatment and disposition of the remains.

5. Before construction activities are allowed to resume in the affected area, the artifacts shall be recovered and features recorded using professional archaeological methods. The archaeological monitor(s) and Native American Observer shall determine the amount of material to be recovered for an adequate artifact sample for analysis.

6. In the event that previously unidentified cultural resources are discovered, all cultural material collected during the grading monitoring program shall be processed and curated according to current professional repository standards. The collections and associated records shall be transferred, including title, to an appropriate curation facility within San Diego County, to be accompanied by payment of the fees necessary for permanent curation.

7. In the event that previously unidentified cultural resources are discovered, a report documenting the field and analysis results and interpreting the artifact and research data within the research context shall be completed and submitted to the satisfaction of the Director of Planning and Land use prior to the issuance of any building permits. The report will include Department of Parks and Recreation Primary and Archaeological Site forms.

8. In the event that no cultural resources are discovered, a brief letter to that effect shall be sent to the Director of Planning and Land Use by the consulting archaeologist that the grading monitoring activities have been completed.

11.2.3 Curation

All cultural materials, except burial-related artifacts and unless otherwise required by law, excavated or removed from prehistoric or historic sites during testing and/or data recovery programs, along with associated project data, will be permanently curated at a qualified repository as defined by the "State of California Guidelines for the Curation of Archaeological Collections," such as the San Diego Archaeological Center. Curation includes, but is not limited to, field notes, photographs, catalogues, and final reports. Collections from previous excavations at sites CA-SDI-4558 and CA-SDI-9822 shall be combined with the collection recovered as a result of the current study and any future extended testing and/or data recovery programs. These artifacts and associated documentation are necessary to produce a comprehensive report for sites CA-SDI-4558 and CA-SDI-9822. Additionally, the owner agrees to execute a release of title form and to pay the required curation fees in effect at the time of curation. All curation shall be accomplished within six (6) months from the completion of the project.

11.2.4 Native American Consultation

The Native American Heritage Commission (NAHC) was contacted to request information and/or input regarding Native American concerns either directly or indirectly associated with the Merriam Mountains project, as well as names of individuals in the area who should be contacted prior to completion of this study. Those individuals identified by the NAHC were contacted by letter, and information as to cultural resources

within the project area was requested (Appendix H). Additional project notification will be conducted through general public distribution of the environmental report. Mark Mojado (San Luis Rey Band of Luiseño Indians) and Manuel Masiel (Pechanga Band of Luiseño Indians) provided monitoring services for survey and test excavation fieldwork conducted. In addition, a meeting at the County of San Diego to address Native American concerns was conducted on November 9, 2004. Those in attendance included Maggie Loy, Glenn Russell, Donna Beddow, and Kirsten Blackson from the Department of Planning and Land Use; Lee Shick and Greg C. from the Department of Public Works; Joe Perring (client representative); Andrew Garner (Dudek & Associates); Eric Armstrong (Fuscoe Engineering); Paul Macarro and Amy Minnieer representing the Pechanga Band of Luiseño Indians; Mark Mojado representing the San Luis Rey Band of Luiseño Indians; and Dennis Gallegos (Gallegos & Associates). The Merriam Mountains project design, and development impacts including the widening of Deer Springs Road were discussed. All Open Space planning, including use of cultural resources for public interpretation, and/or capping and protection of the resources will be discussed with local Native Americans.

11.2.5 Cultural Resources Elements: Goals and Tasks

The goals and tasks as per County request are provided below:

<u>CA-SDI-4558 – Early Period Habitation Site</u>

A.1. Goal: Preservation and Interpretation

- A.1.1. Task: Long-term preservation through capping and seeding of shallow-rooted native plants.
- A.1.2. Task: Interpretative Value – Index sample to provide artifacts and ecofacts to identify the cultural resources being capped.

<u>CA-SDI-9822 – Late Period Habitation Site</u>

A.2. Goal: Preservation and Interpretation

- A.2.1. Task: Long-term preservation through capping of the potential direct impact area and seeding of shallow-rooted native plants.

A.2.2. Task: Interpretative Value – Index sample to provide artifacts and ecofacts to provide a controlled sample (baseline data) to assist in interpreting the cultural resource site being capped. Reanalysis of artifacts previously excavated by Palomar College for the preparation of a comprehensive report for this important archaeological site.

CA-SDI-9253/10747H – Temporary Camp

A.3. Goal: Public Interpretation

A.3.1. Task: Milling features could be incorporated into a trail system for the purpose of informing the public of past Native American plant uses. All work for public interpretative use of this site and development of verbiage for plaques will include Native American consultation.

1901 Historic Structure/Location

A.4. Goal: Interpretation

A.4.1. Task: Interpretative Value – Pre-Grade and Data Recovery Program to mitigate the potential direct impacts to the historic location. Information acquired as a result of the data recovery program will be used to address research questions, thereby contributing to the history of the San Marcos region.

SECTION 12
DATA RECOVERY AND INDEX SAMPLING PLAN

12.1 INTRODUCTION AND PROJECT DESCRIPTION

The Data Recovery and Index Sampling Plan (Plan) for precontact sites CA-SDI-4558 and CA-SDI-9822, and the 1901 historic structure/location was prepared by Gallegos & Associates to adequately address mitigation of impacts through the completion of data recovery and index sampling for both precontact and historic sites. For portions of sites CA-SDI-4558 and CA-SDI-9822 that will be directly impacted, mitigation of impacts will be achieved either through the Proposed At-grade option using data recovery or the Alternative option using index sampling and capping with surcharged fill (Figure 12-1). For the 1901 historic structure/location, mitigation of impacts will be achieved through completion of a data recovery program and a pre-grade. The Plan was prepared to provide an overview of San Diego County cultural resources, specific information for the precontact and historic sites, research orientation, field and laboratory methods, report preparation, Native American consultation, personnel, curation of artifacts and ecofacts, and monitoring during construction grading activities.

The Proposed At-grade data recovery program includes excavation of 35 1x1-m data recovery units at CA-SDI-4558 and 100 1x1-m data recovery units at CA-SDI-9822; while the Alternative includes excavation of six to twelve 1x1-m index sample units at each site. Both options include analysis of artifacts and ecofacts, and special studies (i.e., radiocarbon dating, obsidian sourcing, and protein residue analysis). The research orientation for the precontact study will focus on chronology, lithic technology, settlement and subsistence strategy, environmental setting, and trade and travel. The research orientation for the history study will focus on functional pattern recognition, consumerism economic indexing, consumption pattern analysis, and dietary studies. All artifacts and ecofacts recovered will be washed, analyzed, and special studies will be completed as needed. Special studies may include lithic, shell, bone, radiocarbon dating, obsidian sourcing, precontact ceramics, protein residue analyses, and historic artifact analyses. Upon review and

FIGURE 12-1

PROJECT AREA AND SITES SUBJECT TO DATA RECOVERY SHOWN ON DEVELOPMENT MAP

(See Confidential Appendix)

acceptance of the Plan, fieldwork will commence and will necessitate approximately three to four months, followed by artifact cataloguing, analysis, special studies, and the report of finding.

- **Deer Springs Road Off-Site Improvement Areas**

As presently planned, portions of sites CA-SDI-4558 and CA-SDI-9822 within and/or adjacent to Deer Springs Road are within the proposed direct impact area for the Merriam Mountains project, specifically, the Deer Springs Road improvements (Figures 12-2 and 12-3). The Merriam Mountains project is proposed to include public projects that consist of underground utilities, roadway improvements, and water line extensions (see Figure 12-1). As Deer Springs Road improvements are identified as "an essential public facility or project, or recreational facility, which includes public use," RPO does not apply for this type of impact and mitigation will be achieved through the Proposed At-grade option of data recovery or the Alternative option of index sampling and capping with surcharged fill of CA-SDI-4558 and CA-SDI-9822 (County of San Diego 1991).

For the Proposed At-grade data recovery program, approximately 681 sq. m of site CA-SDI-4558 are within the Proposed At-grade direct impact area, and 2,389 sq. m of the site are within the Proposed At-grade avoidance area. For site CA-SDI-9822, approximately 4,467 sq. m are within the Proposed At-grade direct impact area, and 1,063 sq. m are within the Proposed At-grade avoidance area. The portion of site CA-SDI-4558 that is within the Proposed At-grade avoidance area consists of 78% of the total site area. The portion of site CA-SDI-9822 that will be avoided of direct impacts includes the northernmost portion of the site (20% of the total site area). The Data Recovery Plan will be focused on the primary site area for site CA-SDI-9822. Mitigation work for CA-SDI-9822 will also include a reanalysis of previously collected materials by Palomar Community College, photodocumentation of the pictograph feature, and artifact curation.

For the Alternative, approximately 600 sq. m of site CA-SDI-4558 are within the proposed direct impact area and 2,470 sq. m of the site are within the proposed avoidance area (Figure 12-4). For site CA-SDI-9822, approximately 3,230 sq. m are within the proposed direct impact area and 2,300 sq. m are within the proposed avoidance area (Figure 12-5). All road-widening construction shall

FIGURE 12-2

PROPOSED AT-GRADE DATA RECOVERY AREA AT SITE CA-SDI-4558

(See Confidential Appendix)

FIGURE 12-3

PROPOSED AT-GRADE DATA RECOVERY AREA AT SITE CA-SDI-9822

(See Confidential Appendix)

FIGURE 12-4

ALTERNATIVE INDEX SAMPLING AREA AT SITE CA-SDI-4558

(See Confidential Appendix)

FIGURE 12-5

ALTERNATIVE INDEX SAMPLING AREA AT SITE CA-SDI-9822

(See Confidential Appendix)

occur on the fill placed on top of sites CA-SDI-4558 and CA-SDI-9822 to mitigate impacts. Therefore, there will be no direct impacts to the two sites. Additional mitigation measures of index sampling, as well as analysis and report of finding for materials previously collected will mitigate and address the inaccessibility of the archaeological sites once capping has been completed. The portion of site CA-SDI-4558 that is within the proposed avoidance area consists of 80% of the total site area. Although this portion of site CA-SDI-4558 will be avoided, it has been previously identified (Guerrero et al. 2006) as the primary site area and thus will be included in the index sampling of CA-SDI-4558 to provide an understanding of the entire site. The portion of site CA-SDI-9822 that will not be capped includes the northernmost portion of the site (40% of the total site area). The Index Sampling Plan will be focused on the primary site area for site CA-SDI-9822.

For both mitigation options, the portion of site CA-SDI-4558 that is to be placed within open space will not be capped, but will be seeded for native shallow-rooted plants to provide a natural protective layer. In addition, non-native plants will be removed and the cement foundation will also be removed. Water lines and other utilities will need to be placed outside of the open space easement of CA-SDI-4558. The portion of site CA-SDI-9822 (the northern portion of the site) that is to be placed within open space will be lightly capped (approximately 3 inches of clean fill soil) as needed to cover the surface of the site; however, the bedrock milling features and the pictograph feature will not be covered. Water lines and other utilities will need to be placed outside of the open space easement of CA-SDI-9822.

Mitigation for the Proposed At-grade for both CA-SDI-4558 and CA-SDI-9822 will include excavation of 1x1-m sample units, block excavations, feature excavation, analysis of artifacts and ecofacts, and radiocarbon dating. The research orientation for this study will focus on chronology, lithic technology, settlement and subsistence strategy, environmental setting, and trade and travel. All artifacts and ecofacts recovered will be washed, analyzed, and special studies will be completed as needed. Special studies may include lithic, shell, bone, radiocarbon dating, obsidian sourcing, ceramic, and protein residue analyses. Upon review and acceptance of the Plan, fieldwork will commence and will necessitate approximately three to four months, followed by artifact cataloguing, analysis, special studies, and the report of finding. The program shall incorporate all

previous excavations and a reanalysis of artifacts, as no report of finding has been completed for prior work.

- **Merriam Mountains Mass Grading**

As presently planned, the 1901 historic structure/location within the Merriam Mountains project development area will be impacted by the proposed mass grading (Figure 12-6). A pre-grade and a data recovery plan will be conducted for the historic structure/location (approximately 200x200 m in area) prior to mass grading for the Merriam Mountains project. This plan will include a controlled backhoe excavation to determine the presence and/or absence of buried historic resources (i.e., privies, dumps, cisterns). If subsurface features and artifacts are identified, then a data recovery plan will follow and will include feature excavation and analysis of artifacts. All artifacts recovered will be washed, analyzed, and special studies will be completed as needed. Special studies may include, but will not be limited to glass, ceramic, metal, and faunal analyses.

12.2 BACKGROUND AND SIGNIFICANCE

- **CA-SDI-4558**

Site CA-SDI-4558 was originally recorded by Malcolm Rogers and was updated by Kearns in 1971 for the Interstate 15 project. Kearns described the site as an occupation site consisting of metates, manos, flakes, cores, and nodule tools. In 1977, a test program was conducted for site CA-SDI-4558 by the Department of Transportation (Cook et al. 1977). A total of thirty-five 1x1-m units were excavated, producing large bifaces, manos, battered implements, debitage, and marine shell (see Table 4-1). In addition, two possible hearth features were exposed during the test program. Disturbances noted at the time of the original test program included the destruction of the southern portion of the site by the construction of Deer Springs Road; the construction of a paved access road and horse corrals across the eastern portion of the site; removal of top soil at the far east portion of the site; the construction of two houses; and agriculture use. Cook et al. (1977) stated that even with this amount of disturbance, a substantial cultural deposit (130 cm in depth) was present at the site. In 1977, site CA-SDI-4558 was recommended and accepted as eligible for

FIGURE 12-6

MAP SHOWING DATA RECOVERY AT HISTORIC STRUCTURE LOCATION AREA

(See Confidential Appendix)

placement on the National Register of Historic Places (White 2005). Testing at CA-SDI-4558 by Cook et al. (1977) and Gallegos & Associates (Guerrero et al. 2006) recovered a wide range of artifacts to include nodule tools, flake tools, bifaces, milling tools, bone tools, a crystal, ceramics, shell, and bone. CA-SDI-4558 was identified as significant under CEQA and RPO criteria.

- **CA-SDI-9822**

Site CA-SDI-9822 (SDM-W-223-A) was originally recorded by Rogers (n.d.) as a habitation site, consisting of a dark midden, flakes, mano fragments, a large amount of shell, and bedrock milling features. The southern portion of site CA-SDI-9822 has been destroyed by the construction of Deer Springs Road; however, a cultural deposit may still be present south of the road, outside of the current project area. Site CA-SDI-9822 was updated by Hedges (1977), and a heavily weathered and exfoliated red pictograph feature was identified on a rock face situated in the east portion of the site. In 1990, site CA-SDI-9822 was again updated by Crull (1990).

Palomar Community College conducted a field school from 1980 to 1989 under the direction of Dennis O'Neil, Ph.D. Approximately (40) 1x2-m test units, with an average depth of 120 cm, were excavated, and as a result, an extensive collection of over 80,000 primarily Late Period artifacts, including arrow points, pottery, ceramic pipe fragments, bone tools, milling tools, beads (bone, shell, stone, and glass), arrow shaft straighteners, stone tools for cutting, chopping, and scraping, obsidian, shell, bone, and cremations were recovered (see Table 6-1). It should be noted that the only written report on this site is the M.A. thesis on the deer bone assemblage by Quintero (1987). In addition, the site is reported (White and White n.d.) to have been radiocarbon dated to 540±60 years B.P.; however, no documentation was found to confirm the radiocarbon date. During a field class survey, Palomar Community College students Diehl and Brown (1986) recorded ten bedrock milling features north of Deer Springs Road and one bedrock milling feature, ceramics, and shell south of Deer Springs Road. The southern portion of the site has been impacted by the construction of Deer Springs Road and a trailer park south of Deer Springs Road. Crull (1990) reported that the habitation area and milling features north of Deer Springs Road are protected by a chain-link fence; however, additional milling features, the pictograph feature, and surface artifacts are located outside of the fence.

Testing by Gallegos & Associates (Guerrero et al. 2006) included relocating bedrock milling features and the site boundary, documentation of bedrock milling features and the pictograph feature, examination of the 1980-1989 Palomar Community College field notes, maps, and artifact catalogue, and excavation of five shovel test pits (STPs) to determine the presence or absence of subsurface materials south of Deer Springs Road. The site boundary was extended west, north, and east of the fenced site boundary to include additional bedrock milling features and the pictograph feature, and to the south to include the newly identified portion of the site south of Deer Springs Road. Disturbances observed at CA-SDI-9822 include modern trash dumping, foot traffic, bioturbation, and pot-hunting. Site CA-SDI-9822 is identified as significant under CEQA and RPO criteria.

- **1901 Historic Structure/Location**

The mapped location for a historic structure shown on early maps (1901 Escondido and San Luis Rey USGS maps) is identified as significant, as subsurface features (i.e., privies, dumps, cisterns) may be present, which can provide important information on early homesteading in north San Diego County. During the current survey, the 1901 historic structure/location was not relocated and the structure appears to have been destroyed; however, subsurface features such as privy pits, wells, refuse dumps, and architectural foundations associated with the 1901 occupation may still be present. Historical research identified the historic location within the Dietschy homestead. Disturbance observed at the historic structure/location include road and residential development.

12.3 RESEARCH QUESTIONS FOR PRECONTACT SITES CA-SDI-4558 AND CA-SDI-9822

12.3.1 RESEARCH QUESTIONS

The research orientation, developed for the data recovery/index sampling plan, employs regionally and locally specific questions, and identifies data needs to approach these questions. A wide range of research questions or topics are possible for sites CA-SDI-4558 and CA-SDI-9822; however, five research domains were selected on the basis of previous work, data available to address these questions, and overall contribution to the archaeological record. The specific research questions

focus on chronology, lithic technology, subsistence strategy, settlement, and trade and travel. These research topics were used to guide the study, and to determine the sample size necessary to provide sufficient materials to address the research questions posed.

- **Chronology**

What was the period(s) of use and/or occupation for sites CA-SDI-4558 and CA-SDI-9822?

Determining the period of occupation of a site or a region can be accomplished by the use of radiocarbon dating and by relative dating. Radiocarbon dating depends on the retrieval of materials (i.e., bone, shell, charcoal) amenable to scientific analysis. Radiocarbon dates for north San Diego County range from roughly 9,000 years ago to historic contact. The alternate dating method, relative dating, is based on the recovery of specific artifacts that are temporally diagnostic. Temporally-diagnostic artifacts recovered in context with associated radiocarbon dates include atlatl-dart points, arrow points, and ceramics. Obsidian sourcing and hydration rind measurements are also relative dating measures. In order to address the research questions posed, temporal placement of the site is necessary.

Data Needs

CA-SDI-4558:

Artifactual materials needed to determine the age and period of site occupation for CA-SDI-4558 were not recovered from the current test program. However, previous work by Cook et al. (1977) resulted in the recovery of diagnostic biface artifacts that were used to place this site within the Early/Archaic Period (see Table 4-1). During the 1977 test program, Cook et al. (1977) determined that several of the bifaces represent "typical San Dieguito blades" and one biface was identified as an "Elko-eared" biface type. Cook et al. (1977) stated that these large bifaces, in concurrence with the large quantity of recovered manos and the patination of all metavolcanic debitage, were indicative of the Pauma Complex (Early Period) component. Given the presence of ceramics recovered within the upper levels of the site, Cook et al. (1977) identified a Late Period

(post-1,300 years ago) component at site CA-SDI-4558 as well. As both shell and bone are present at this site, radiocarbon dating can be performed to determine an absolute date for period of occupation.

CA-SDI-9822:

At site CA-SDI-9822, a number of artifact types were recovered that can provide information on the range of occupation at the site (see Table 6-1). Palomar Community College students recovered over 400 projectile points, 1 crescentic, approximately 18,000 ceramic fragments, approximately 3,000 shell beads, obsidian, and a large amount of shell and bone remains. White and White (n.d.) stated that site CA-SDI-9822 was radiocarbon dated to 540±60 years B.P.; however, no documentation confirming the radiocarbon dating analysis was provided by Palomar Community College. Nevertheless, an approximate period of occupation for site CA-SDI-9822 was determined through a review of the original artifact catalogue at Palomar Community College. As a result of Palomar Community College fieldwork by students over a number of years, cultural material recovered included arrow points, ceramics, bone tools, milling tools, beads (bone, shell, stone, and glass), obsidian, glass trade beads, shell, bone, and cremations. The presence of arrow points, cremations, ceramics, and obsidian from Obsidian Butte relative date this site to the Late Period (1,300 years ago to contact). Ceramic sherds are a temporal indicator, as these artifacts were not in use in the San Diego County region until approximately post-900 A.D. (Waters 1982). Glass trade beads are temporal markers of the Historic Period (post-1500 A.D.), as these items were used for trade and as currency between the early Europeans and the Native Americans of San Diego County.

Methods of Collection

Charcoal samples will be collected from inside or below fire hearth features, whenever possible. Charcoal will be removed with a clean trowel and placed in clean resealable plastic bags. Small fragments of charcoal recovered from inside the hearth will be wrapped in clean aluminum foil and then placed in a clean resealable plastic bag. Bone and shell will be retrieved during the subsurface excavation program. Analysis methods for bone and shell are discussed in Section 12.8.2.

All samples will be clearly labeled with provenience (i.e., site, unit, level, date, person collecting the sample, associated feature), date of recovery, and material (i.e., shell, bone, charcoal). Obsidian will be separated from other debitage, wrapped in paper or cotton to prevent edge damage, and labeled appropriately. If diagnostic artifacts are recovered during collection of surface artifacts or during excavation, these artifacts will be placed in resealable plastic bags and labeled as described in Section 12.7.

If features are identified during 1x1-m unit excavation, units will be expanded so that a sample of the feature is exposed. The feature(s) will then be mapped, photographed, and cultural material recovered. Methods are discussed in Sections 12.6 and 12.7.

Expectations

On the basis of previous work by Palomar Community College, large quantities of shell with some bone were identified at site CA-SDI-9822. At site CA-SDI-4558, large quantities of bone were identified during the original test program by Cook et al. (1977). Subsurface excavation should provide shell, bone, charcoal, or cultural material for radiocarbon dating and/or relative dating, thereby placing these sites within the broader context of the north San Diego County archaeological record.

- **Lithic Technology**

What technological trajectories were used by the precontact inhabitants? Which lithic reduction strategies were in use and when?

Several flake-tool reduction strategies have been identified for the southern California coastal region. These include biface reduction, nodule core reduction, bipolar core reduction, and nodule reduction. The decision to use one or the other of these techniques was dependent on several factors, but the most important factors were the type of material that was worked, the morphology of the parent material, and the intended tool. Some lithic materials, such as Monterey chert and Piedra de Lumbre chert, are more easily worked, and with heat treatment become some of the best

knappable material in the western United States. Problems exist, however, in the form of the material in its raw state. Piedra de Lumbre chert generally occurs in small pieces, thus it was used more extensively in the late Holocene for small arrow points (Pigniolo 1992). This material has been recovered from a site dating to 8,000 years ago (Gallegos 1991). Monterey chert occurs in small nodules and in layers. For small nodules, bipolar reduction would be the most efficient method of producing usable flakes. For the layered Monterey chert, biface reduction was the most expedient method of producing tools, as the layers were already thin and only the outer perimeter needed to be worked (Cooley 1982). Other chert sources in San Diego County need to be identified and the material chemically characterized.

Large biface production and reduction requires pieces of material large enough to be reduced and homogeneous enough to produce a workable item. The Santiago Peak volcanics and the Bedford Canyon metasediments found in San Diego County have been used extensively for the production of large tools (adzes, scrapers, scraper planes, cores, hammerstones) and bifaces (Schroth and Flenniken 1997). The use of quarry material from these formations may be an early to middle Holocene marker, as the larger spear and dart points would have necessitated the use of larger blocks of parent material.

Nodule core reduction includes numerous techniques such as the pyramidal-shaped nodule core (used to produce thick contracting flakes for flake tools), Teshoa flakes for large flake tools, and nodule core tools where the parent material rather than the removed flakes became the tool. The nodule layers along the coast would have provided material for these reduction sequences.

Ground stone artifacts (i.e., manos, metates, and pestles) occur on sites throughout San Diego County and especially at habitation sites, milling stations, and temporary camps. To date, little analysis has been conducted regarding ground stone manufacture and use or change of use through time in San Diego County. An analysis of debitage and lithic tools from CA-SDI-10148, located south of the San Diego River near Santee, was completed by Flenniken (Kyle and Gallegos 1993). Flenniken determined that all of the flaked battered implement tools recovered from this site were used for ground stone manufacture and rejuvenation, and that the debitage was the result of both tool manufacture and use of the tools for rejuvenating ground stone grinding surfaces. Analysis of

debitage and tools from habitation sites can provide information regarding manufacture, use, and rejuvenation of ground stone. Changes in resources and task-specific uses should be analyzed to determine if ground stone tools were designed for specific tasks and if technological changes occurred through time as climate and resources changed.

Assuming that sufficient quantities of lithic materials will be recovered, then the following research hypotheses will be addressed.

H0: Specific lithic reduction techniques have changed through time, with large biface reduction and steep-edged unifacial tools (SEUTs) predominating during the early and middle Holocene, and small biface reduction during the late Holocene.

H1: All reduction strategies were equally important throughout the Holocene.

Study Topics

(a) Which technological reduction strategies are present based on the debitage at the site?
(b) Which reduction strategies were used to produce which tools? Were these strategies the same or different?
(c) If ground stone tools are present, are the nodule materials local or non-local?
(d) Is there evidence that ground stone tools were produced at the site, or were they produced elsewhere and then carried to the site?
(e) How do technologies and stages of tool reduction relate to site function and tools recovered at the sites?

Data Needs

(a) Collection of a sample of formed artifacts and debitage.
(b) Detailed analysis of formed artifacts and debitage for technological attributes and reduction sequence classification.

(c) Identification of the technological attributes and reduction sequences used to produce the tools.

Methods of Collection

Debitage, tools, and ground stone will be recovered during hand excavation of the 1x1-m units. The units will be excavated in 10-cm levels and the soil screened using 1/8-inch hardware mesh. Excavators will be aware that granitic, sandstone, and other coarse-grained lithic material debitage are possible and should be collected where ground stone implements are manufactured, finished, or used. A sample unit will be water-screened for small debitage, and floated for seeds. In addition, a pollen sample from the unit will also be taken for analysis. Field methods are discussed in Section 12.7. Laboratory methods are discussed in Section 12.8 and lithic analysis in Section 12.8.1.

Expectations

CA-SDI-4558:

Given the site type (habitation), sufficient quantities of debitage, flaked lithic tools, and ground stone will be recovered as a result of the data recovery/index sample to determine the range and potential quantities of materials, as well as providing materials for special studies. Given that sufficient materials are available, then the sample will be correlated with technological replicative studies as part of the data recovery/index sampling program. In this region, use of locally available quarry materials (fine-grained metavolcanic), and local nodules and granitic materials are expected to dominate the assemblage for flaked tools, battered implements, and ground stone tools.

At present, analysis of a small portion of the assemblage from CA-SDI-4558 has been conducted. Based upon the technological analysis of debitage from the present excavation at CA-SDI-4558, the following anthropological descriptions of nodule core reduction are offered. First, nodules of primarily fined-grained metavolcanic materials were selected for direct free-hand percussion core reduction. All of these nodules were reduced with either single-facet or multi-faceted platforms. This suggests nodules were selected and prepared outside of the present site area. Nodule core reduction is the most commonly occurring technique noted at CA-SDI-4558. Biface reduction was

poorly represented in the present assemblage, as evidenced by the presence of twelve biface thinning flakes. These flakes, as well as the biface fragment, suggest bifaces were at least partially thinned and possibly used at CA-SDI-4558.

Previous analysis by Pettus (Cook et al. 1977) failed to clearly identify the lithic activities that may have occurred at CA-SDI-4558. Despite the present analysis, it is still unclear if the artifacts were manufactured on or near the site, the range of manufacturing techniques involved, the origin of the materials the artifacts were manufactured from, or the total range of artifacts present. Several flake-tool reduction strategies have been identified for the southern California coastal region. These include nodule core reduction, bipolar core reduction, and biface reduction using two types of cores. The decision to use one type of core instead of another depends on at least two factors: 1) the form of the material to be reduced (small nodule, large nodule, layered); and, 2) the intended product (biface tool, scraper, hammerstone). For CA-SDI-4558, expedient use of locally available nodules is expected to dominate the assemblage for flake tools, battered implements, and some ground stone tools. This assumption can be tested to address several study topics including types of technological reduction strategies, materials used, ground stone manufacture, and site function in relation to the lithic tools.

Based upon the lithic technology identified at CA-SDI-4558, this site may have served as a habitation site. Flake production from metavolcanic nodules from local sources occurred at the site suggesting flake tool use occurred at the site, even though few of these tools were found as part of the present lithic assemblage. Most likely, these tools were manufactured at the site, used at the site, then transported elsewhere for use where toolstone materials may not have been as readily accessible.

CA-SDI-9822:

Currently, no attempt to analyze the lithic technologies present at CA-SDI-9822 has been made. It is not known if the artifacts were manufactured on or near the site, the manufacturing techniques involved, the origin of the materials the artifacts were manufactured from, or the total range of artifacts present. What is known is that the site maintains one of the largest projectile point assemblages known for north San Diego County. Several flake-tool reduction strategies have been

identified for the southern California coastal region. These include nodule core reduction, bipolar core reduction, and biface reduction using two types of cores. The decision to use one type of core instead of another depends on at least two factors: 1) the form of the material to be reduced (small nodule, large nodule, layered); and, 2) the intended product (biface tool, scraper, hammerstone). For CA-SDI-9822, expedient use of locally available nodules is expected to dominate the assemblage for flake tools, battered implements, and some ground stone tools. This assumption can be tested to address several study topics, including types of technological reduction strategies, materials used, ground stone manufacture, and site function in relation to the lithic tools.

At present, archaeologists lack clear insight into the patterns of the morphology of artifacts that may have occurred within and/or across social and temporal boundaries. The archaeological literature on projectile point types portrays point morphologies (in the present case, Cottonwood Triangular and Desert Side-notched) as clear indicators of specific culture groups and time periods. This assumption can be found throughout the archaeological literature of southern California and is simply a hypothesis that needs testing to substantiate. Point types (or ratios thereof) have often been used (and still are used) to assign specific cultural affiliation and temporal placement to a specific site. If point morphology could identify cultural affiliation, then one would have to place the Kumeyaay (Diegueño) in Alabama, New Mexico, Arizona, Texas, and Illinois (to name a few) at various times in the Late Period, and the Luiseño across the United States.

The taxonomies that sprang from the proliferation of archaeology in the Great Basin in the 1950s manifested as two umbrella morphological types, known as Desert Side-notched and Cottonwood Triangular points (Baumhoff 1957; Bettinger and Taylor 1974; Heizer and Hester 1978; Lanning 1963). The literature and taxonomies of the Great Basin quickly surfaced in San Diego County archaeology with the two major types prevailing (Cottonwood Triangular and Desert Side-notched series). Any variants of these forms have been defined primarily by basal morphology (Baumhoff and Byrne 1959; True 1970; Waugh 1988). In San Diego County, the study of point types as cultural and temporal markers has been based primarily on work by True (1970). True (1970) proposed that archaeological sites with a greater frequency of Cottonwood Triangular points represents Luiseño occupation (San Luis Rey sites), whereas a greater frequency of Desert Side-notched arrow points represents Kumeyaay occupation (Diegueño sites).

Based on the overwhelming quantity of Cottonwood Triangular projectile points in comparison to Desert Side-notched points using True's and other traditional point typologies, a site would be culturally assigned as either Luiseño or Kumeyaay (Diegueño). True suggests that Kumeyaay (Cuyamaca Complex sites) display "a cultural preference for side-notched projectile points" (1970). However, more recent analyses concerning site composition suggest otherwise. It appears that the presence of a greater frequency of side-notched points may be related to function rather than to cultural preference. It can easily be shown that with any morphologically variable entity, as the quantity increases so does the degree of variation among "types." In addition, recent point breakage studies have proven that point typing on the basis of point bases is even more problematic.

Simply stated, the presence and identification of point types does not provide sufficient data to identify cultural affiliation. Although Cottonwood Triangular points and Desert Side-notched points appear to display some differential patterning across southern California, these distributions are not well understood. What causes the actual variation in these artifacts is uncertain. At present, a date of 1300 A.D. has been suggested for the development of small projectile points in southern California (Yohe 1992). Table 12-1 compares the frequency of Cottonwood Triangular and Desert Side-notched arrow points from nine Luiseño and Kumeyaay sites. This comparison demonstrates that both the Luiseño and the Kumeyaay sites have a dominant preference for Cottonwood Triangular arrow points. Two of the nine sites, one Luiseño (CA-SDI-5641) and one Kumeyaay (CA-SDI-12809) have a somewhat even number of Cottonwood Triangular and Desert Side-notched arrow points. The results of this sample of sites suggest that point variance is more likely a function of technological needs and constraints rather than aesthetic design. A more viable path to interpreting the archaeological record is the understanding that projectile points are part of a complex system that involves procurement (selection of rock for a specific purpose), production, reduction, recycling, and disposal as reflected in the archaeological record. The quantity of projectile points, in addition to the range of artifacts present at site CA-SDI-9822, provide a significant opportunity to address the hypotheses put forth by True, and to settle the many problematic contradictions concerning site morphology and cultural affiliation created by them.

Table 12-1
Projectile Point Frequencies from Various Late Period Occupation Sites in San Diego County

Site Information												
County Location	North	North	North	North	North	Central	Central	South	South	South	Surface	Surface
Site Name	PacBell	O'Neil	Twin Oaks Valley	Agua Hedionda	Village of Tenaja	Ystagua	La Rinconadade Jamo	Village of Otai	Arrowmakers Ridge	Dripping Springs		
Site Number	CA-SDI-5633	CA-SDI-5641	CA-SDI 11068A	CA-SDI-5353	CA-RIV-271	CA-SDI-4609	CA-SDI-5017	CA-SDI-12809	CA-SDI-913	CA-SDI-860	Multiple Sites	Multiple Sites
Suggested Cultural Affiliation	Luiseno	Luiseno	Luiseno	Luiseno	Luiseno	Kumeyaay	Kumeyaay	Kumeyaay	Kumeyaay	Kumeyaay	Luiseno	Kumeyaay
Reference*	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[9]	[10]	[10]
Point Type												
Cottonwood Triangular	33	14	37	27	26	125	29	196	772	126	181	90
Desert Side-Notched	1	16	2	0	0	7	1	127	533	106	3	56
Other	1	2	3	2	3	6	0	4	24	4	4	7

*Reference Key
1. Gallegos et al. 2002
2. O'Neil 1982
3. Schroth and Gallegos 1991
4. Koerper 1986
5. Hall and Slater 1992
6. Carrico and Taylor 1983; Gallegos et al. 1989; Harris et al. 1999
7. Winterrowd and Cardenas 1987
8. Serr 1996
9. True 1970
10. True 1966

- **Subsistence**

What subsistence patterns can be identified, and have these patterns changed over time? Did the collection of shellfish change with time? What influenced the changes: environment, populations, technologies, or combinations of these factors?

The most pronounced environmental change for coastal southern California is the rise in sea level that occurred during the early to middle Holocene, and the flooding of coastal valleys and the creation of lagoons that are associated with this event. Evidence of environmental change in lagoons is based on analysis of core samples combined with radiocarbon dates and radiocarbon dated shellfish samples taken from precontact sites near lagoons. Environmental studies using shellfish to explain site patterning and environmental change include: Bull and Kaldenberg (1976); Gallegos (1985); Masters (1988); Miller (1966); Warren and Pavesic (1963); and Warren et al. (1961).

Circa 3,500 years ago, sea level stabilized, causing an increase in siltation processes that eventually caused degradation of the lagoons during the late Holocene. In contrast to San Diego Bay, the environmental change in north San Diego County was more complex. San Diego Bay formed in the early Holocene and stayed open to the ocean throughout the Holocene (Gallegos and Kyle 1988). Thus, some precontact sites may reflect a changing environment and the loss of lagoonal shellfish and fish, whereas other sites dependent on San Diego Bay may not reflect a change in shellfish species and type of shellfish and/or absence of shellfish.

Large quantities of shellfish are generally not recovered from inland precontact sites. This relative lack of shellfish remains may be the result of poor preservation. Changes in use of shellfish and fish through time may, therefore, be difficult to determine. Environmental changes have also been documented for the coastal region, suggesting climatic drying and accompanying vegetation changes taking place over the past 7,000 years (Davis 1992). Pollen studies suggest that pine trees, oak trees, and grassland were present during the early and middle Holocene.

The Native American occupation of south San Diego County in the 10,000 years of the Holocene is poorly documented. Gallegos (1987) suggests that early and middle Holocene (Early Period/Archaic) sites identified as inland San Dieguito and Pauma complexes and coastal La Jolla Complex occupations were occupied by the same group on a seasonal round. Another hypothesis suggests that Native Americans had large village sites occupied year-round with little change in diet (White 1963). True (1970) hypothesized that Late Period settlement patterns included a winter village site at lower elevations and a summer village site in the mountains with occupation based on seasonal subsistence.

Given that sufficient faunal remains are recovered as a result of the data recovery/index sampling program, then research hypothesis listed below and study topics will be addressed:

H0: During the Holocene, the environmental setting of the coastal plain changed through time. The apparent difference in faunal consumption at CA-SDI-4558 and CA-SDI-9822 is a reflection of the changing coastal and inland environments.

H1: During the Holocene, the environmental setting was stable, thus changes in faunal consumption cannot be equated with environmental setting.

Study Topics

Do sites CA-SDI-4558 and CA-SDI-9822 represent both Early Period and/or Late Period components, and can environmental change in the faunal assemblage be identified?

Do sites CA-SDI-4558 and CA-SDI-9822 represent a specialized food-processing locality, or conversely, does it represent a campsite where a wide range of foods were gathered and processed?

Data Needs

Data necessary to address the question of economic strategy includes floral and faunal remains to permit the reconstruction of diet or dietary practices and preferences of the site occupants. The

presence of particular species of plants and animals allows for a more complete appraisal of the various environmental niches exploited by the site occupants. Methods for interpreting the data include protein residue analysis of selected artifacts to identify what floral and faunal materials were processed at the site; speciation of the recovered faunal assemblage, with special attention to evidence of butchering or cooking; and the identification of species within preferred habitats, and the placement of these speciated remains within the ecological model to reconstruct the habitat(s) exploited by the site occupants.

Protein residue analysis from recovered ground stone implements and flaked tools will also be necessary. It may be necessary to process relatively large numbers of ground stone and lithic tools to obtain protein residue information for habitation sites. Artifacts recovered from the site can also provide inferential information regarding subsistence exploitation. For example, if plant material is not found, the presence of mortars, manos, and metates provides evidence that floral and faunal material was processed at the site. Immunological studies of residues on tools from the site may provide data relating to both the use of tools and to resources exploited.

CA-SDI-4558:

Given the presence of atlatl dart points, some shellfish remains, vertebrate faunal remains, and milling equipment, it is clear that the inhabitants of CA-SDI-4558 were dependant upon a range of resources for subsistence. Hunting activities are supported by both projectile points and the faunal remains recovered from previous excavations. Based on similar assemblages near the site and what limited data has been provided from the Cook et al. (1977) report, it is likely that the majority of the faunal assemblage is composed of Leporidae (jackrabbits, cottontails, and brush rabbits) of various species, as well as deer. The small mammals identified at CA-SDI-4558 may have been hunted with a variety of techniques including the use of nets, traps, and projectiles. The deer were likely hunted near the adjacent canyon using projectiles, while rabbits may have been obtained in a multitude of locations. Based on the current assemblage, the majority of terrestrial-based hunting may have been conducted with nets or rabbit sticks.

The small amount of shellfish identified in the site assemblage, and the dominance of lagoon species (i.e., *Argopecten),* suggest occasional visits to the nearest lagoon habitat. It is likely that

shellfish represented at CA-SDI-4558 comprise only a minor portion of the subsistence activities that occurred at the site.

Lastly, the milling assemblage collected from previous excavations suggests milling of plants and seeds, and game for protein. The milling assemblage recovered from CA-SDI-4558 suggests that the inhabitants of the site had some dependence on food packages that required milling for processing (i.e., grass seeds). It is evident that a substantial portion of the inhabitants' diet was derived from plant foods that required milling for consumption. The assemblage at CA-SDI-4558 suggests that the site inhabitants relied on multiple subsistence practices for their daily sustenance. However, based on the present assemblage, it is likely that hunting and milling of plants comprised the largest portion of subsistence activities at CA-SDI-4558.

In addition, a small amount of ceramics, representing Late Period occupation, was recovered during the 1977 test program indicating cooking and storage of food and water (Rice 1987; True 1970). Special studies (i.e., protein residue analysis) and additional analyses of faunal material will provide additional data to better understand diet and subsistence exploitation.

CA-SDI-9822:

Given the presence of arrow points, shellfish remains, vertebrate faunal remains, and milling equipment, it is clear that the inhabitants of CA-SDI-9822 were dependant upon a range of resources for subsistence. Hunting activities are supported by both projectile points and the faunal remains recovered from previous excavations (Quintero 1987) including *Lepus californicus* (black-tailed jackrabbit), *Odocoileus hemionus* (mule deer), *Sylvilagus audubonii* (desert cottontail), *Sylvilagus bachmani* (brush rabbit), and *Thomomys bottae* (Botta's gopher). Although a large number of fish species were identified throughout the site, the most commonly exploited resources were small-sized mammals including *Lepus californicus*, *Spermophilus beecheyii*, *Sylvilagus audubonii*, *Sylvilagus bachmani*, *Thomomys bottae*, and small mammal. All of these species were likely hunted for subsistence purposes. They may have been hunted through the use of a variety of techniques including the use of nets, traps, and projectiles. The mule deer were likely hunted near the adjacent canyon areas of CA-SDI-9822 with projectiles, while rabbits may have been obtained

in a multitude of locations. Based on the current assemblage, the majority of terrestrial-based hunting was likely performed with nets or rabbit sticks.

In addition to terrestrial species, fish were also used for subsistence at CA-SDI-9822. A wide range of fish species are represented at the site including *Genyonemus lineatus* (white croaker), *Rhinobatos productus* (shovelnose guitarfish), *Roncador stearnsii* (spotfin croaker), *Semicossyphus pulcher* (California sheephead) and *Clupeidae sp.* (Sardines). The various fish species may have been obtained in a variety of ways that rarely provide lasting evidence in the archaeological record. These may include fishing nets, hooks or perhaps fishing weirs. In addition, ethnographic data states that, "On San Diego Bay tule balsas were used," and "...perhaps canoes also" (Kroeber 1925). Luomala (1978) also states that the Kumeyaay (Diegueño) had tule balsas and fished with "bows, nets, hooks, and other devises." It is unclear if the present species were traded for or actually collected by the inhabitants of CA-SDI-9822.

The shellfish identified in the site assemblage suggest frequent visits to the nearest coastal or lagoon habitat. The invertebrate faunal assemblage also suggests occasional visits to other shoreline areas such as sandy beach habitat. It is likely that the shellfish represented at the site comprised a small part of the subsistence activities that occurred at the site.

Lastly, the CA-SDI-9822 milling assemblage suggests the milling of plants and seeds, and game for protein. Given the variety and quantity of species, and the environments they represent, the inhabitants of the site most likely relied on multiple subsistence practices for their daily sustenance. Quintero's (1987) work on the settlement pattern of CA-SDI-9822 suggests that CA-SDI-9822 was a Late Period site, seasonally occupied during late fall, winter, and early spring months; however, it is unclear how this part of the assemblage corresponds to the rest of the site assemblage. For instance, it is not certain how game was hunted, the origin of the majority of shellfish species and their habitats (i.e., lagoon/estuary, rocky shore, or sandy beach species), or the types of vegetable material milled at the site (i.e., acorns, succulents, seeds).

Methods of Collection

The reanalysis of materials previously collected by Palomar Community College will provide substantial information towards answering the research questions. The data recovery/index sample will provide shellfish and faunal remains from excavated data control units. Dry-screened soils will be processed using a screen no larger than 1/8-inch mesh. At least one excavation unit will be wet-screened using 1/16-inch mesh. Field methods are discussed in Section 12.7. Care will be taken that shell and bone are thoroughly dry prior to storage. Standard methods for collecting soil samples for pollen and phytolith analysis will be followed. This will include column soil samples (minimally 10x10 cm in size) from unit excavations with the samples removed in 10-cm levels (100 cubic cm per sample) using a trowel cleaned with distilled water. The samples will be placed in clean resealable plastic bags with an appropriate attached label. A surface soil sample will also be collected for comparative purposes. Soil samples below and adjacent to features will be collected in the same manner: using a clean trowel, and stored in clean resealable plastic bags. In every case, labels will be attached to the outside of the bag and not placed inside the bag. Artifacts submitted for protein residue analysis may be washed with cool water; however, soap, detergent, or other chemicals will not be used.

Expectations

Inland temporary camps and milling stations produce low amounts of faunal material, and therefore do not produce sufficient information to address research questions regarding settlement and subsistence patterns. Contrastly, large Late Period village sites contain abundant faunal remains and can provide adequate samples to address such questions. Given that the previous test excavations at site CA-SDI-4458 produced 553 g of bone identified as primarily small mammal, it is estimated that bone will be available to characterize the subsistence pattern (Cook et al 1977, Guerrero et al. 2006). At site CA-SDI-9822, approximately 272 kg of bone were recovered during the Palomar Community College fieldwork. It is estimated that previously collected bone will be available to address subsistence patterns at site CA-SDI-9822.

- **Settlement Pattern**

What form of settlement pattern was practiced in the region? Did it change over time and in what manner?

Early Period occupation in San Diego County is poorly understood. One hypothesis inferred by Warren, is that La Jollan/Encinitas Tradition sites are restricted to the coastal zone. A corollary hypothesis is one that is similar to the settlement pattern noted by early explorers and ethnographers. This hypothesis identifies the Late Period settlement pattern as bipolar, where sites would be occupied on a seasonal basis within a watershed system.

What form of settlement pattern was practiced in the region as reflected by the sites within the Deer Springs Valley and CA-SDI-4558 and CA-SDI-9822 presently under study? How does this form relate to patterns known for southern California as a whole and for the surrounding area specifically?

Study Topics

Temporally, how do these sites fit into the overall pattern for San Diego County? That is, what group or culture are we examining in the context of the known culture history, and can we differentiate between periods of occupation?

If sites CA-SDI-4558 and CA-SDI-9822 are representative of specialized activity sites (i.e., quarries or task reduction loci), what was this site's function and how does this site relate to other sites?

How did occupation and use of these sites contribute to seasonal or year-round occupation of the region in general?

Data Needs

Data necessary to address the question of settlement pattern includes the recovery of temporally-sensitive and diagnostic materials (i.e., organic material for radiometric dating and/or, time sensitive artifacts such as bifaces, or SEUTs). In addition, the recovery of an adequate sample of artifacts and cultural debris (ecofacts) from the site is necessary to determine site function.

CA-SDI-4558:

On the basis of previous work by Cook et al. (1977) and the current test program, site CA-SDI-4558 represents primarily an Early Period habitation site with a minimal Late Period occupation. Activities at site CA-SDI-4558 included hunting, and collecting and processing of plants. Additionally, toolstone was brought to the site, and tools appear to have been manufactured and used at the site.

Site CA-SDI-4558 is a multi-component site with artifact assemblages that date to both the Early Period (middle to late Holocene) and the Late Period (late Holocene). Cook et al. (1977) provide a discussion on Pauma and La Jolla complexes. The discriminating traits between these two complexes are that Pauma Complex sites are located in inland north San Diego County, and that most Pauma Complex sites lack shellfish remains (True 1958). Conversely, the La Jolla Complex is associated with coastal occupation and the extensive use of shellfish. The La Jolla and Pauma complexes may simply be variations of the same cultural tradition, wherein the presence or absence of certain artifact types are manifestations of differences in environments (True 1980). Cultural characteristics that define the Pauma Complex include the following (True 1958; True and Fink 1977):

1) Equivalent to inland La Jolla sites
2) Gathering economy; numerous manos and metates
3) Most sites appear to be temporary campsites
4) Lack of shellfish
5) Knives and points are rare
6) Doughnut stones
7) Planes and core scrapers

8) Lack of observable midden, although some sites do have depth
9) Burials with inverted metates
10) Few hammerstones or choppers

Cook et al. (1977) suggest that site CA-SDI-4558 may represent a Pauma Complex site based on the recovery of large bifaces, an Elko biface, and a large quantity of milling artifacts. A large biface fragment was recovered during the current site boundary program providing additional support for Early Period occupation; however, without analysis of artifacts and ecofacts, as well as special studies (i.e., radiocarbon dating), no definitive conclusions can be made regarding the cultural placement of CA-SDI-4558.

For Early Period Native American occupation in west San Diego County, little is known concerning settlement pattern or subsistence behavior. Many of the conclusions about such patterns have been primarily based on secondary data corroborated with gross speculation. Rather than accumulate enough data to integrate past archaeological data and attempt cross-site regional comparison using modern analytical techniques, the path of armchair speculation has been favored. As such, the patterns of behavior suggested by the materials of early sites in San Diego County, and the models that have been proposed to illuminate those behaviors, have fallen short of the mark. Early sites in San Diego County fall prey to the same shortcomings of Late Period sites in the region. Too often, tool forms or groups of tools are assigned to a specific culture or culture group (i.e., the San Dieguito, San Luis Rey, etc). This static view of prehistory fails to recognize the variation, both within sites and between sites, which demonstrates comparable patterns of human behavior. As archaeologists working on cultural resource management (CRM) projects are forced to deal with sites on a site-to-site basis, the aforementioned problem has been compounded. As stated earlier, it is clear that site CA-SDI-4558 represents an Early Period habitation site, wherein a wide range of activities were conducted. In order to better understand the site, one must understand how it fits into the region as a whole. These questions can only be answered through the comparison of cultural resource sites on a regional scale. This may be done for Early Period sites referred to as San Dieguito, if one sets aside chronology for a moment, and simply focuses on similarities in patterns of human behavior. Although such a feat is beyond the scope of a single site analysis, CA-SDI-4558 is an important piece of San Diego County's prehistoric puzzle. As such, it

is highly significant in regards to the future understanding of Early Period cultural resource sites in San Diego County.

CA-SDI-9822:

The type of materials recovered (i.e., arrow points, ceramics), as well as Quintero's (1987) work on the settlement pattern of CA-SDI-9822, identifies CA-SDI-9822 as a Late Period site. Quintero (1987) suggests that this site was seasonally occupied during late fall, winter, and early spring months. Reanalysis of cultural material from CA-SDI-9822 and additional fieldwork will provide sufficient information to determine if the site was occupied seasonally or year-round, activities conducted, and how it relates to Late Period traditions in the San Diego region. Before True (1966, 1970) identified the Cuyamaca Complex, only the San Luis Rey Complex was believed to represent all Late Period cultures in San Diego (Meighan 1954; True 1966, 1970). Based on surveys and minimum excavations performed between 1961 and 1963, True (1970) defined the Cuyamaca Complex as a Late Period tradition, separate from the type of Late Period sites identified in north San Diego County. True (1970) identified the following attributes that distinguished the Cuyamaca Complex from the San Luis Rey Complex:

1) Defined cemetery areas apart from living areas

2) Use of grave markers

3) Cremations placed in urns

4) Use of specially made mortuary offerings, such as miniature vessels, miniature shaft straighteners, and elaborate projectile points

5) Cultural preference for side-notched projectile points

6) Substantial numbers of scrapers and scraper planes in contrast to the low numbers found in the San Luis Rey area

7) Emphasis on the use of ceramics, as well as a wide range of forms and several specialized ceramic items such as rattles, bow pipes and effigy forms

8) A steatite industry

9) Substantially higher frequency of milling stone elements when compared to San Luis Rey

10) Possible clay-lined hearths

True (1970) based this complex on data from the Cuyamaca Mountain region, and artifact analysis. However, his sample size was not representative of Late Period sites outside of the Cuyamaca Mountain region. Moreover, True's (1970) sample did not include the results of three major investigations (Tom-Kav, Frey Creek, and Molpa) at north San Diego County Late Period sites (True and Waugh 1981; True et al. 1974, 1991). By 1977, True and Fink (1977) had produced a "Generalized Cultural Characteristic" list for San Diego County that included the above attributes, but applied it to Kumeyaay (Diegueño), Luiseño, Cupeño, Cahuilla, Kamia, San Luis Rey, and the Cuyamaca Complex. A re-evaluation of the Cuyamaca Complex to determine its validity has not been conducted. Analysis of the artifact assemblage from site CA-SDI-9822, as well as a comparative analysis to other Late Period sites in north San Diego County, would provide valuable new data on settlement patterning, site use, and the relevance of the Cuyamaca Complex with respect to the prehistory of the north San Diego County region. Based on the data that is presently available, CA-SDI-9822 can be placed within a temporal settlement system for contrast with other earlier or later settlement systems. However, the current formula does not take into account the dynamic nature of the artifactual assemblage or the inhabitants who produced it. A better understanding of material sources and exploitation practices will reveal new models for settlement and subsistence patterns of the Late Period inhabitants of San Diego County.

Settlement and subsistence patterns proposed for the Luiseño include: Christenson (1989); Oxendine (1983); Quintero (1987); and Waugh (1986). In 1986, Waugh analyzed three inland sites in an attempt to define subsistence and settlement activities for the Luiseño culture area. Using both faunal and floral data, Waugh concluded that "...at a seemingly late date, and as a result of proposed increased pressure on access to critical resources, a shift in subsistence strategies was marked by an emphasis on the acorn and a pattern of more intensified land use" (Waugh 1986). The three sites were dated using varied determinants, from Milling Phase to San Luis Rey I. Waugh states that a continuation, modification, and elaboration of the conclusions are expected for

the Late Period Luiseño. Resource-based seasonal camps were the focus of the subsistence strategies. Upland sites were seasonally occupied, with acorns the subsistence focus. Storage of acorns allowed for intensified use of lowland sites, with available water the focus for site placement. Only one site contained shell, and none of the sites contained fish bone, leaving open the question of how coastal Luiseño sites fit into this settlement model.

Quintero (1987) previously analyzed CA-SDI-9822, which contained evidence of numerous coastal resources. The focus of Quintero's analysis was faunal material. Through seasonality measurements of varied faunal resources, Quintero concluded that the precontact residents of the site had "...seasonally scheduled coastal exploitation and seasonal inland village site occupancy" (Quintero 1987). The data was based on one site that was very rich in cultural remains, and the results were not compared with the coastal phase of the seasonal pattern to verify results and conclusions. In addition, an analysis of the primary portion of the assemblage was not undertaken ignoring a large part of site activities. A settlement pattern cannot be derived from one portion of an assemblage, the entire assemblage must be considered. What little is known about the entire assemblage at CA-SDI-9822 suggests a yearly occupied, large village standing in contrast to the model suggested by Quintero.

Waugh tested multiple models with CA-ORA-910-A. While Waugh (1986) acknowledged seasonal exploitation and proposed that resource use intensified as population pressures increased, no seasonality determinations were made. Additionally, no discussion was presented regarding the presence of shell at one of the sites included in the study. However, the shell was present in quantities sufficient enough to indicate purposeful transportation from the coast to the inland site, rather than the exchange of a few pieces of shell (some possibly from ornaments) with coastal groups or carried by the inhabitants from a coastal location to the site.

Quintero's (1987) model proposes movement from the inland Deer Springs site (CA-SDI-9822) to the coast for fishing and shellfish gathering. While Quintero's seasonality analysis confirms seasonal use of CA-SDI-9822, a contemporaneously dated, seasonally occupied coastal site would strengthen Quintero's model. CA-ORA-910-A, a short-term habitation coastal site contemporaneous with the Deer Springs site, contains a small amount of large and small mammal

bone, but demonstrates a seasonal maritime subsistence segment based on specific marine mammals and fish. The settlement pattern, as modeled by Waugh (1986), is supported by evidence from three sites. Seasonally-focused sites are found on the coast (CA-ORA-910A), inland at sites like CA-SDI-9822, and in the uplands at acorn gathering sites (Waugh 1986).

Binford (1980) produced a mobility strategy continuum for hunter-gatherers that identified foragers that employed residential moves among a sequence of resource patches at one extreme, and collectors that restricted residential mobility in favor of movement by task-specific groups at the other end of the continuum. The importance of Binford's continuum is that it stressed variability. As proposed by Binford (1980), the forager/collector continuum does not represent two exclusive categories, but rather hunter/gatherer subsistence activities ranging between the two extremes. Thomas (1983) built upon this continuum by emphasizing variability in the settlement and subsistence system in Monitor Valley, rather than uniformity. Thomas showed how the archaeological evidence could have three separate interpretations, each of which is part of the forager/collector continuum.

Binford's mobility strategy continuum is similar to the Luiseño pattern. Therefore, CA-SDI-9822 could have been a seasonally-occupied site, wherein acorns or other vegetal resources were exploited, and game obtained. Alternatively, it could have been a large village site from which special-purpose task groups were organized. Additional work at CA-SDI-9822 will be needed before the site may be understood and firmly placed within a settlement model.

- **Trade and Travel**

To what extent is trade and travel evidenced at sites CA-SDI-4558 and CA-SDI-9822? Early travelers and ethnographers noted the presence of Native American trails and trade activities among different cultural groups in the southern California region. The procurement of lithic resources, such as serpentine, chalcedony, chert, jasper, obsidian, and steatite, may identify contact with other cultural groups, as these materials were not available in the local area. Although many other trade items were perishable, what recovered archaeological evidence demonstrates trade and/or travel?

Several exotic lithic materials (i.e., obsidian, and Piedra de Lumbre chert) have been identified as trade items. Their occurrence at San Diego County sites aids in delineating travel/trade routes. More research with exotic material found in context will be necessary to determine the extent of trade, what materials were traded, and if trade materials and routes changed through time. Generally, if obsidian was present in early and middle Holocene sites in San Diego County, then it was obtained from the Coso Range, located over 300 miles north, in north central California. Obsidian from late Holocene sites is usually Obsidian Butte obsidian from the Imperial Valley. Obsidian was also available from Mexico and other sources not presently identified.

Other lithic materials not local to the area, but which may have come from nearby sources, include jasper, chert, and chalcedony. These generally occur at sites as very small retouch flakes or as finished items, suggesting that the items were procured in a finished stage. Thus, they would have been trade items. If they had been obtained by direct procurement, then the raw material and early stages of tool production would have been present. Sources for these materials need to be identified, as well as sites near the sources where the material was worked in order to more fully understand the trade network involved. Neutron activation analysis has been used successfully to source these exotic materials.

Steatite sources are present in south San Diego County and include a fairly large quarry, the Stonewall Quarry in Rancho Cuyamaca State Park (True 1970). Another known quarry, the Jacumba Valley Quarry, is near the U.S./Mexico border, about 95 km (59 miles) from the Pacific Ocean (Polk 1972). Neutron activation has been used successfully to match specific steatite artifacts to specific sources or quarries and would provide valuable information for identifying trade and/or travel directions.

The shell that occurs in most of the sites is evidence of travel to lagoons or open coast, or trade with groups occupying those regions. The closest source of shellfish is approximately 1.2 km (0.7. mile) to the north. Did the occupants travel to the lagoon and/or open coast? Did they obtain *Olivella* sp. shell and make the spire-lopped beads or did they trade for these decorative artifacts? Were the *Olivella* sp. shells Pacific coast or Gulf of California species?

If trade materials are recovered as a result of the data recovery/index sampling program, research hypotheses such as those listed below can be addressed:

H0: During the early Holocene, trade was long-distance, possible through trading partners in a down-the-line pattern. Obsidian was traded in and came from primarily the Coso Range in east-central California (Hughes and True 1985). During the middle Holocene, trade consisted of mutual bartering with neighbors, with Piedra de Lumbre chert from north coastal San Diego a preferred lithic import. During the late Holocene, trade was practically non-existent and a few trade materials, such as obsidian from Obsidian Butte, are present in the artifactual assemblages.

H1: Trading for preferred lithic material was a common practice throughout the Holocene with no change in direction or distance.

Study Topics

Is there evidence of trade and/or travel?
What was the nature of cultural contact—continuous, sporadic, or limited?
What are the inferred routes of trade?
What economic needs, if any, were met through contact and trade?

Data Needs

(a) Recovery and analysis of an adequate sample of cultural material that includes trade goods. These items include obsidian, chert, steatite, chalcedony, desert lithic material, and beads.
(b) Identification of the source of trade items.

Methods of Collection

In addition to reanalysis of the previously collected Palomar Community College assemblage, the data recovery or index sample excavation will provide additional materials to address this research question. The data recovery program for the Proposed At-grade will use 35 1x1-m units at CA-

SDI-4558, and 100 1x1-m units at CA-SDI-9822; while the index sampling program for the Alternative will use six to twelve 1x1-m units at each site. All soil will be dry-screened through hardware mesh that is not larger than 1/8 inch in size. Special studies will include obsidian sourcing, identification of lithic materials, and shellfish speciation (see Sections 12.8.1, 12.8.2 and 12.8.5).

Expectations

Obsidian and other exotic lithic material may be recovered from CA-SDI-4558 and CA-SDI-9822. Shell was also previously reported and can be sourced to general location (i.e., lagoon or open coast) and to trade (i.e., *Olivella* sp. shell from the Gulf of California as opposed to the local California coast). The range of materials recovered during the test program from CA-SDI-4558 are: metavolcanic, quartz, and Piedra de Lumbre chert. The range of materials previously recovered as a result of Palomar Community College work also includes metavolcanic, quartz, chert, steatite, Piedra de Lumbre chert, and obsidian, but a complete analysis has not been conducted.

CA-SDI-4558:

Early travelers and ethnographers noted the presence of Native American trails and trade activities among different cultural groups in the southern California region. The procurement of lithic resources, such as serpentine, chalcedony, chert, jasper, obsidian, and steatite, may identify contact with other cultural groups, as these materials were not available in the local area. A review of the 1977 artifact catalogue documented material types that included chert and obsidian, both of which denote trade and/or travel to the desert and/or regions north and east of San Diego County, and possibly as far as northern California (Cook et al. 1977). A small amount (0.4 g) of shell was recovered from CA-SDI-4558 as a result of the 1977 test program; however, no shell was recovered from the current test study. The presence of shell also identifies travel to the coast. Additional excavation at CA-SDI-4558 may provide sufficient shell for radiocarbon dating, as well as the source of the shell (i.e., lagoon or open coast)

CA-SDI-9822:

A review of the Palomar Community College artifact catalogue documented material types that included chert, steatite, and obsidian, both of which denote trade and/or travel to the desert and/or regions north of San Diego County, and possibly as far as northern California.

Ceramics were also recovered from CA-SDI-9822. Ceramics are also an indicator of trade and/or travel, as the procurement of clay was not always from local resources (i.e., mountains, desert). Ceramic analysis allows the researcher to identify mineral inclusions of the ceramics that are specific to geologic zones, providing data on the possible trade and movement of the people who once occupied the site. In the San Diego region, ceramic artifacts were created from local clays in the mountains or from clays farther east from different areas of the desert. To differentiate which clays are local and non-local, clays need to be identified in relationship to their geological source. The different geologic zones that make up the San Diego region include the coastal plains, the Peninsular Range mountains, and the Salton Trough desert. The coast and desert regions contain alluvial clays derived from marine and lacustrine sedimentary rock, while the Peninsular Range mountains contain residual clays derived from gabbroic-granitic materials.

A substantial amount of shell remains (approximately 80 kg), shell beads (approximately 3,000 beads), and historic glass beads (approximately 100 beads) were recovered from site CA-SDI-9822. The shell artifacts and ecofacts indicate that trade and/or travel to the coast did occur at the site. Furthermore, a large quantity of historic glass beads were recovered from site CA-SDI-9822, suggesting trade with the Spanish and/or other Native American groups. Without analysis of the lithic materials and ceramics, it is unknown whether trade and/or travel occurred to other regions such as Mexico, the Sierras, or the Salton Sink for obsidian, and the desert or Orange County for cherts or locally specific steatite sources.

12.4 RESEARCH PRIORITIES

Many of the research questions overlap, as they address environmental setting and precontact occupation. Our priorities for this study are: chronology, lithic technology, subsistence strategy, settlement, environmental setting, and trade and travel. Limitations include using collections

excavated from 1980 to 1989, as problems such as actual provenience and uneven cataloguing are anticipated.

12.5 DATA NEEDS

Sites CA-SDI-4558 and CA-SDI-9822 contain a range of artifacts and ecofacts that include: flaked lithic tools, debitage, cores, ground stone, shell, and bone to address the research questions posed. If non-local artifacts such as obsidian and chert are recovered, then these items will be used to address the question of trade and travel. The presence of shell and charcoal will be valuable in providing material for site dating, as well as dating units and levels in association with diagnostic artifacts or features. The dating of these artifacts and features will greatly assist in addressing questions concerning chronology and settlement pattern. Faunal remains (i.e., shell, fish bone, and mammal bone) will be collected, speciated, and weighed to provide data to address both diet and seasonality. Artifacts and features will be analyzed with respect to activities conducted. Fauna (i.e., bone, shell, seeds, and pollen) will be analyzed to identify range and quantity of species, as well as paleoenvironmental setting. This analysis will assist in understanding environmental setting and site function.

12.6 METHODS

The data required to address the research questions posed necessitates the recovery and analysis of a broad spectrum of cultural material. The test program demonstrated that at least two periods of occupation, as well as a range of artifacts and ecofacts are present. To address the research questions posed, a number of diagnostic tools, shell samples, and hearth features need to be recovered and analyzed, and where shell and other materials are present, radiocarbon dating will be conducted. Previous work at sites CA-SDI-4558 and CA-SDI-9822 demonstrates the presence of a variety of faunal remains including shellfish, fish, and small to large mammals, and milling tools. Cores, tools, and debitage are also present to provide the information necessary to address questions of material preference and tool technology.

12.7 FIELD STRATEGY

The field strategy along with analysis of previously collected artifacts and ecofacts will provide sufficient information to characterize sites CA-SDI-4558 and CA-SDI-9822. The Data Recovery program for cultural resource sites CA-SDI-4558 and CA-SDI-9822 will be completed in two phases. Phase I excavation will equal 35 1x1-m data recovery units at site CA-SDI-4558, and 100 1x1-m data recovery units at site CA-SDI-9822. Phase II will consist of backhoe trenching to locate, excavate, and document additional precontact features and activity areas. The Index Sampling program for the Alternative will be conducted in Phase I only, and will include the excavation of six to twelve 1x1-m units at each site.

All features will be 50 to 100 percent exposed through hand excavation, and documented through photographs and illustrations, and GPS mapping.

All of the 1x1-m units will be excavated by hand in 10-cm levels. The soil will be dry-screened through 1/8-inch mesh hardware cloth, and all of the material collected from each level will be sorted and placed in plastic bags. Each bag will be marked with the trinomial site number, the unit coordinate designation from the site datum in meters (i.e., 15S/27E), date, and names of unit crew members. At least one 1x1-m unit will be collected for wet-screening using 1/16-inch mesh hardware cloth. A field form recording changes in soil, and the types and quantities of materials collected will be completed for each level of each unit. Each 10-cm level will be thoroughly examined for artifacts and plant and animal remains.

After features are located, they will be manually excavated, photographed and illustrated, and mapped using Trimble GPS equipment. If charcoal or shell is available, then radiocarbon dating will be conducted. Soil from select hearths may be floated for macro flora and fauna remains. Features will be compared to and contrasted with other features from inland north San Diego County and San Diego County sites in general, and artifacts and ecofacts in association with features will be used to address the research questions.

The size of area excavated for each feature will vary depending on the type of feature. For example, a 30x30-cm fire hearth may be completely exposed using a 1x1-m unit, or a hearth may require the excavation of a 2x2-m block exposure. The kinds of features anticipated within this type of site usually consist of hearths, concentrations of rock, butchering areas, and house floors/activity areas. Soil samples will be taken from features, but only one from each type of feature may be floated for retrieval of ecofacts. This measure will provide comparative data for defining the range of activities taking place at each type of feature and will serve to identify feature use.

It is expected that fire hearths will yield charcoal, burned bone, and possibly burned or charred seeds. Soil samples from activity areas will be taken on an as-need basis immediately adjacent to, or underneath ground stone artifacts (i.e., whole or large fragments of metates). A column sample will be taken and standard methods for collecting soil samples for pollen and phytolith analysis will be followed. Flotation will also be conducted for the collection of plant seeds. The flotation of soil samples from features will aid in identifying past activities and the function of these features.

12.8 LABORATORY METHODS

Gallegos & Associates' standard system of cleaning, cataloguing, and analyzing cultural remains will be used for artifacts recovered during this study. These procedures include cleaning and separating artifacts and ecofacts by material class for each unit level prior to cataloguing. Each item, or group of items, will be counted, weighed and/or measured, and given a consecutive catalogue number marked directly on the artifact or on an attached label. Additionally, each item will be analyzed for specific characteristics particular to each material class. All catalogued items will be divided into typological categories and placed within appropriately labeled boxes for interim storage at Gallegos & Associates' cultural resource laboratory.

All artifacts and ecofacts collected will be treated using accepted and appropriate archaeological procedures. Initial laboratory work will include washing and/or brushing artifacts and cataloguing. Artifacts will be sorted into classes, such as bifaces, cores, bone tools, beads, milling tools, and

flakes. Cataloguing will provide basic data such as count, measurement, weight, material, condition, and provenience. The catalogue will also provide information as to horizontal and vertical distribution of cultural material.

Specialized studies will be conducted after the initial sorting and cataloguing. The number and type of specialized studies completed for this report depends on the materials recovered and the level of research. Specialized studies to be completed include lithic technological analysis, shell analysis, obsidian hydration and sourcing, protein residue analysis, faunal analysis, and radiocarbon dating. Specialized studies on specific material classes are discussed below.

12.8.1 Lithic Analysis (by J. Jeffrey Flenniken)

Analytical Methods

Technological lithic analysis based upon replicative data will be conducted for all flaked stone artifacts recovered. All lithic artifacts will also be examined on the basis of raw material types and reduction stage categories. Reduction stage flake categories will be defined by comparing technological attributes of replicated artifacts from known and catalogued flaked stone tool reduction technologies to precontact controls. In turn, by comparing the precontact artifacts (controls) to the known artifacts in terms of manufacture, reduction stages will be assigned to technologically diagnostic debitage. Some debitage, however, will be considered technologically undiagnostic because of the lack of attributes on fragmentary pieces.

Technological debitage analysis based upon replicative data (Flenniken 1981) was selected over other analytical methods to obtain processual reduction stage identifications. Methods such as size-grading (Ahler 1989) or morphological attribute analyses (length, width, thickness, weight, or completeness of flake) (Sullivan and Rozen 1985) do not allow processual anthropological modeling of specific technological activities. Analyses dependent on metric data provide the analyst with size-descriptive information only; they do not allow reliable identification of precontact behaviors. Metric analyses do not take into account crucial variables such as raw

material type, quality, shape, and flakeability, nor do they consider the skill level of the precontact knapper, the reduction sequence(s), or the intended end product(s).

Size grading of debitage as a form of "technological" analysis is also ineffectual as a means of providing accurate precontact lithic technological information (Scott 1985, 1990, 1991). In one case where samples of debitage from six different sites were subject to both size-grading analyses and technological analyses in an effort to define the lithic reduction activities that occurred at each site, Scott (1985) found that "...size-grading artificially separates debitage into classes that do not accurately reflect lithic reduction."

Ahler's (1989) work concerning size-grading analysis or "mass analysis of flaking debris" is the most comprehensive study to date. However, even using experimental controls, size-grading analysis proves inadequate for making inferences as to the reduction process because of the qualifications placed on interpretive comparisons. For example, Ahler's (1989) reduction model does not apply to multiple-material sites where the size, shape, and quality of the original raw materials may have influenced reduction strategies. Multiple flaking episodes are said to require interpretation through multi-variate statistical analysis even though statistics are not capable of "interpreting" data. Ahler's approach provides little or no accurate technological information concerning lithic reduction techniques because of inherent methodological errors regarding scientific experimental procedure. Reasoned sampling of large assemblages combined with technological attribute and stage analysis is more informative than are low-level descriptions of complete, large assemblages.

Replicative systems analysis (RSA) is a methodological concept designed to understand the behavior prehistorically applied to flaked stone artifacts (Flenniken 1981). The method involves replicating, through flintknapping experimentation, a hypothesized sequence (based upon debitage frequencies documented during analysis) of lithic reduction employed at a particular archaeological site. By comparing the precontact debitage with catalogued experimental debitage, it is possible to determine the reduction techniques and sequence(s) that were employed at a given site by precontact knappers. Experimentation has also demonstrated that many by-products associated

with tool manufacture can be mistaken for functional tools such as "scrapers" (Flenniken and Haggarty 1979).

The RSA approach offers a reliable means to both identify and demonstrate the method(s) by which precontact knappers reduced available stone into flaked stone tools and weapons. Because flintknapping techniques are learned rather than innate behavior, reduction strategies can be both culturally and temporally diagnostic (Flenniken 1985; Flenniken and Stanfill 1980). Thus, by studying the reduction technologies employed at cultural resource sites, it is possible, once the technological foundation based upon numerous technological analyses has been established, to correlate sites in time and space by identifying related or similar lithic technologies (Flenniken and Stanfill 1980). The correlations may aid future research involving descriptions of regional mosaics of human activity patterns as they vary through time. In regions where volcanic or acidic sediments preserve very little of the archaeological record except stone artifacts, or where precontact activities left little or no traces, this method of gathering information can be extremely productive. The RSA approach to lithic analysis is useful and appropriate because it focuses on determining what lithic technologies were used at a particular site, how these technologies may have changed through time, and whether these changes correlate to specific time periods.

Attributes evidenced on the precontact debitage, in conjunction with experimental analogs, will be used to identify technologically diagnostic debitage, which enables flakes to be assigned to specific experimentally derived reduction stages (Flenniken 1978, 1981). The remaining debitage will not be ascribed to any reduction stage because of the fragmentary nature of the specimens; therefore, it will be characterized as technologically undiagnostic, although attributes such as material type, heat treatment, and presence/absence and type of cortex will be noted.

Debitage classification attributes will be divided into reduction-oriented technological categories, and these categories will then be segregated into stages. Stage 1, core reduction debitage is defined on the basis of amount and location of cortex on the dorsal surface, platform attributes, dorsal arris count and direction, and flake cross/long-section configuration. Stage 2, bifacial reduction debitage is classified on the basis of multi-faceted platform configuration and location, location of remnant bulb of force, dorsal arris count and direction, flake termination, flake cross/long-section

orientation, and presence/absence of detachment scar. Stage 3, percussion bifacial thinning debitage will be segregated on the basis of multi-faceted platform configuration, size, lipping, and location, dorsal arris count and direction, flake termination, cross/long-section orientation, and presence/absence of detachment scar. Stage 4, pressure bifacial reduction debitage will be separated on the basis of multi-faceted platform configuration and location, dorsal arris count and direction, flake termination, platform-to-long axis geometry, cross/long-section orientation, and presence/absence of detachment scar. Undiagnostic fragments (flake fragments, with or without cortex) will be defined as such. These reduction-oriented technological categories will be further segregated on the basis of geological material types such as metavolcanic, vein quartz, metasedimentary, quartzite, chert, and obsidian. Interpretation of the reduction sequence from this site will be determined using only the technologically diagnostic debitage, whereas discussions concerning lithic raw material types include all debitage and formed artifacts.

Depending on the amount and type of debitage recovered, the sample will be analyzed at 100% or sub-sampled to address the research questions posed. The sample of the debitage, recovered from excavation units, will be analyzed, identified, and assigned to specific technological categories and stages. Technologically diagnostic debitage will be assigned to a specific reduction category, and served as the basis for interpretation of lithic technology. Since the artifacts recovered from the site are intra-site similar in technological character, the sample of the entire excavated assemblage may be small, and technological change from level one through the deepest level may not be identified. Consequently all artifacts from the site may be combined for the purpose of interpretation of the site's lithic technology.

Not all flaked stone reduction technologies are the same throughout prehistory even within one locality such as southern California, or within one formed artifact class. For example, biface reduction sequences may vary technologically from site to site as a result of cultural/temporal differences even though the same raw lithic material is present at these sites. By identifying technologically diagnostic debitage from sites, specific reduction technologies can be easily segregated.

Ground Stone Tools

These tools were used primarily for vegetal processing; however, ethnographic records indicate that bone, clay for pottery, and pigments for paint were also ground with these implements (Gayton 1929; Kroeber 1925; Spier 1978). Ground stone tools were first separated into four groups: manos, metates, pestles, and mortar/bowls, recognizing, of course, that all four groups in actuality feature complex tools that have two primary parts. Attributes selected for the discussion of ground stone tools are most amenable to comparisons with similar artifacts from other sites in the region.

Manos: Attributes important in the classification of manos include nodule or shaped, number of faces used (bifacial or unifacial) to determine extent of usage, end battering (presence/absence resulting from roughening grinding surfaces), outline, and cross-section. The shape of a mano can aid in identifying the type of metate (i.e., shallow or deep basin) used with the mano. Shaping is important in determining the length of occupation of the site (the time needed to shape a proper mano would not be taken if the user only meant to employ the mano for a day or two and then discard it). Shaping denotes an unnecessary amount of time expended to make an object aesthetically pleasing.

Metates: Ground stone fragments will be identified as metate fragments based on the presence of at least one concave ground surface. Both slab (thin and highly portable) and block (thick and heavy) metates may be present. Some may have been used unifacially and others bifacially, denoting the amount of time spent grinding.

Miscellaneous Artifacts

Miscellaneous artifacts include specimens more esoteric in nature and items that cannot be placed in the above categories. These generally denote status and may include beads and pendants, or, in the case of ritual/ceremonial activities may include shaman crystals and hematite (red or yellow paint stone). Other items classified under the miscellaneous category include tarring pebbles, boiling stones, and manuports.

12.8.2 Faunal Analysis

Shell is present and will be identified, sorted, counted, and weighed by species. Use of this data will contribute to answering questions regarding diet, environmental setting and change through time, and settlement patterns.

Bone is present and will be identified by genus and species when possible. When species identification is not possible, the bone will be identified to successively higher levels of classification, settling on terms such as small, medium, or large vertebrate mammal. Elements will then be identified as burned and unburned. When possible, cooking methods will be discussed. Faunal information, including number of individual species and weight by species, will be tabulated by unit and by level. If otoliths (fish ear bones) are present, they will be analyzed as to species, size of fish, and season of capture. When possible, age of capture of identifiable specimens will be estimated. Bird bone, wherever possible, will be identified to family, genus, and/or species, as the information about migratory birds can add to the data for determining seasonality.

Methods

Each bone will be examined to determine: (1) element; (2) right or left side; (3) highest taxonomic category; (4) evidence of burning, and if so, degree of oxidation; and, (5) evidence of butchering, and if so, method of butchering. Comparative skeletal collections used in the identification process include those from Scripps Institute of Oceanography, as well as from private collections. Bone atlases (Lawrence 1951; Nickel et al. 1986; Olsen 1985; Sandefur 1977; Schmid 1972) will supplement the analysis.

Categories

Categories used in this analysis include:

(1) Burned: Bone elements or fragments in this category show color change from exposure to heat or fire (oxidation). Colors may include:

- Brown: indicates exposure to heat, but little or no exposure to open flames.
- Black: shows direct exposure to open flames (i.e., roasting or discard in a fire).
- Blue/White (calcined): denotes direct exposure to a fire hotter than 800º Celsius (Ubelaker 1978), and may represent bone that was severely burned during preparation. If flesh was present on the bone during exposure to the fire, the bone would exhibit signs of warping and shrinking (Ubelaker 1978). Calcined bone may also be the result of having been discarded in a fire hearth (Wing and Brown 1979).

(2) Unburned: No evidence of burning or oxidation.

(3) Butchered: Bone with evidence of processing by slicing or chopping actions.

(4) Lizard: Small animal bone fragments, which are usually mandible fragments with homodont teeth that are straight instead of curved like snake teeth, or long-bone fragments that are split and funnel-shaped, or vertebrae with ball and socket features with a flattened vertebral foramen.

(5) Snake: Vertebrae with ball and socket features with a domed-shaped vertebral foramen.

(6) Teleostei: Funnel-shaped vertebrae with/without the spinous process attached, and other skeletal elements considered as bony fish.

(7) Ray/Skate: Drum-shaped vertebrae that are from cartilaginous fish (rays/skates, shark), as well as spines/hooks.

(8) Elasmobranch: Drum-shaped vertebrae that are from cartilaginous fish (rays/skates, shark).

When species identification as noted above, is not possible, the bone will be identified to successively higher levels of classification. These include:

(1) Small Mammal: All non-diagnostic vertebrate fragments, with size between a mouse and a jackrabbit.

(2) Medium Mammal: All non-diagnostic vertebrate fragments, for which sizes are larger than a jackrabbit, but smaller than a deer.

(3) Large Mammal: All non-diagnostic vertebrate fragments, for which sizes are deer-size and larger.

The quantification of faunal material can be studied with several methods. The methods used in individual studies are usually determined by the sample size and type of site under investigation. Two methods will be used in this study: the number of identified specimens per taxon (NISP), which represents the total number of specimens within a category; and the minimum number of individuals (MNI), which represents the minimum number of individuals within a genus and species category.

12.8.3 Ceramic Analysis (by Monica Guerrero)

Ceramic analysis is valuable in the interpretation of cultural resource sites, as it provides data on the activities of the people who once occupied the sites, the clay sources, and trade and travel. Typically, when ceramics are recovered from a cultural resource site in the San Diego County region, they are found in small quantities. Moreover, the collection usually consists of small, fragmented body sherds and a few rim sherds. Without diagnostic pieces (incised, decorated, etc.) or whole vessels, analysis of vessel attributes, vessel morphology, and specific activities cannot be addressed. In a situation where few ceramic sherds are present to examine, a different type of analysis may be more useful. Petrographic analysis of ceramics allows the researcher to identify mineral inclusions of the ceramics that are specific to geologic zones, providing data on the possible trade and movement of the people who once occupied a given site. For large ceramic collections, petrographic analysis is also helpful, as it provides information on local clay source preferences.

In the San Diego County region, ceramic artifacts are created from local clays in the mountains or from clays farther east from different areas of the desert. To differentiate which clays are local and non-local, clays need to be identified in relationship to their geological source. The different geologic zones that make up the San Diego County region include the coastal plains, the Peninsular Range mountains, and the Salton Trough desert. The coast and desert regions contain alluvial clays derived from marine and lacustrine sedimentary rock, while the Peninsular Range mountains contain residual clays derived from gabbroic-granitic materials. An analysis of the mineral composition of the ceramic sherd must be conducted in order to identify the geological source from

which the clay was obtained. The type of ceramic ware can be identified, once the geological source of the clay has been determined.

12.8.3.1 Ceramic Wares in the San Diego County Region

Ceramic wares within the San Diego County region include Tizon Brown Ware, Salton Brown Ware, and Colorado Buff Ware, as well as other desert wares that are not commonly seen west of the Peninsular Range mountains.

Tizon Brown Ware

Previous attempts to produce ceramic ware typologies for San Diego County has resulted in the identification of two different ware types: brown ware and buff ware (Rogers 1936). Brown wares, referred to as Tizon Brown Wares, are frequently associated with the mountain region. Tizon Brown Ware is the most common ware in San Diego County. The term Tizon Brown Ware was originally associated with the northwestern Arizona region, and many southern California ceramics were later included under this name (Euler 1959). As a result, there has been a tendency to classify southern California ceramics under the all-inclusive Tizon Brown Ware type, without any subtypes. Although this classification suggests some regional continuity between Arizona and southern California ceramics, this is not the case. Problems arise with this classification because many variations of Tizon Brown Ware have been recovered in southern California. Moreover, many brown ware sherds are not restricted to mountain sites and can be found along the coast and inland near the Salton Sea (Van Camp 1979). Tizon Brown Ware vessels were shaped using the paddle-and-anvil technique and were made from residual granitic-derived clays.

Residual clays are found primarily in the mountain and coastal areas of San Diego County. These clays are the end products of weathering and breakup of gabbroic and granitic outcroppings of the Peninsular Range Batholith. Along the west side of the Peninsular Range, gabbroic rocks predominate and are characterized by a high concentration of plagioclase and amphibole. Along the east side, which slopes and extends into the desert region, granitic rocks predominate. There is an apparent decline in the amount of amphibole in the granitic rocks (east side), but a greater

concentration of mica (biotite and muscovite) and quartz (Hildebrand et al. 2002). As such, clays from the east, granitic side have few or no amphibole minerals (Hildebrand et al. 2002). The clays contained in Tizon Brown Ware originate along the western, gabbroic side of the Peninsular Range and thus contain inclusions of plagioclase, quartz, mica, and amphibole.

Lower Colorado Buff Ware

The other common ceramic ware found in southern California is buff ware. Buff ware ceramics are often referred to as desert wares, and are also known as Lower Colorado Buff Wares. Buff wares are made from sedimentary clays that result from the mixture of soil and water. Coarse particles are left behind, while fine particles are deposited some distance from the parent source. Sedimentary clays are finer in texture and have a more homogeneous composition when compared to mountain clays (Rice 1987). These clay types can be found in former lake bottoms and alluvial deposits in the Colorado Desert and in Imperial County, near ancient Lake Cahuilla. The minerals contained in Lower Colorado Buff Ware include quartz, feldspar, rare instances of amphibole, and sometimes mica. Lower Colorado Buff Ware vessels found in the San Diego County region were also shaped using the paddle-and-anvil technique.

Salton Brown Ware

The general classification for ceramic wares in San Diego County does not allow for a third type of ware that is found in the region, Salton Brown Ware. Salton Brown Ware is another desert ware, similar in appearance to Tizon Brown Ware. Lower Colorado Buff Ware is easily discernible from the two types of brown ware. However, distinguishing Salton Brown Ware and Tizon Brown Ware is not as straightforward. These two brown wares cannot be differentiated based on visual inspection alone because their exteriors are so alike. One of the main factors that distinguish Salton Brown Ware from Tizon Brown Ware is the absence of amphibole, a rock-forming mineral that weathers into clay (Rice 1987). Salton Brown Ware originates along the east side of the Peninsular Range (western Salton Trough sediments) and has a higher content of mica, quartz, and a rare amphibole when compared to Tizon Brown Ware (Table 12-2). Salton Brown Ware vessels were also shaped using the paddle-and-anvil technique.

Table 12-2
Average Mineral Compositions for Brown Wares*

Ceramic Type	Quartz	Plagioclase	Biotite	Muscovite	Amphibole	Rock
Salton	61%	11%	15%	6%	4%	4%
Tizon	51%	20%	4%	1%	20%	1%

* Adapted from Hildebrand et al. 2002

In order to differentiate between the different wares, a fresh edge must be broken off the sherd to examine the cross section. Examining the exterior of the sherd does not provide enough information about the mineral composition and can lead to mistakes in ceramic ware identification. For example, mica observed on the surface of a sherd has been, in the past, mistakenly identified as part of the mineral composition of the sherd, rather than as the end result of pot manufacture. In Hildebrand et al.'s (2002) study both trace- element (NAA) and petrographic thin-section analyses were used to examine a representative sample of ceramic sherds for south San Diego County. Salton Brown Ware sherds had an average mineral composition of 61% quartz, 15% biotite,11% plagioclase, 6% muscovite, and 4% amphibole (see Table 12-2) (Hildebrand et al. 2002). Analysis of the Tizon Brown Ware sherds indicated an average mineral composition of 51% quartz, 20% plagioclase, 20% amphibole, 4% biotite, and 1% muscovite (see Table 12-2) (Hildebrand et al. 2002). These results suggest that Salton Brown Ware has a higher percentage of quartz and mica and almost no amphibole, while Tizon Brown Ware has a higher percentage of amphibole and plagioclase.

12.8.3.2 Petrographic Thin-Section Analysis

Not all sherds will be included in the ceramic analysis as they may be too small to obtain a thin-section sample. Ceramic sherds will first be placed into different sample groups based upon mica (biotite and muscovite) concentration, sherd thickness, rim shape variability, surface color, and core color. Sherds with recent broken edges will be checked to see if they mend with other sherds within the sample group. Both procedures will reduce the possibility of analyzing sherds from the same parent vessel. After all the sherds have been placed into different sample groups, each group will be placed into plastic bags and a random sherd will be selected as the representative sample for each group.

The ceramic sherds will be submitted to the San Diego Petrographics Laboratory in Escondido, California, for the creation of thin-section samples. Each sherd will be enveloped in epoxy resin, then polished and cemented to a glass slide. The sample will then be cut and polished to a thickness of 30 microns (μm), and finally sealed with a glass-cover slip.

Once the thin-section samples, along with what remained of the ceramic sherds, are returned to Gallegos & Associates laboratory, they will be analyzed for mineral composition. Each thin-section sample will be examined under a polarizing (petrographic) microscope by transmitted light (plane-polar and cross-polar) from 28X to 1500X magnifications. Important mineral characteristics considered when examining the thin sections include distinctive cleavage, twinning, alteration, zoning, exsolution, or the presence of inclusions. The following provides a description of these characteristics:

Cleavage: Cleavage is the appearance of fine parallel cracks in mineral grains; minerals exhibit different types and intersecting angles of cleavage that aid in mineral identification.

Twinning: Twinning denotes different regions of grain that have different crystallographic orientations that result in the appearance of horizontal or vertical bands.

Alteration: Some minerals may be altered for some reason, such as weathering; this results in the secondary minerals, where there is a complete replacement of one mineral by another.

Zoning: The composition of mineral grains is heterogeneous, where different parts of mineral exhibit different optical properties.

Exsolution: At high temperatures, some minerals exsolve, or unmix to form two distinct compositions during or after the cooling.

Inclusions: Some minerals tend to contain inclusions of specific types minerals and rarely contain mineral inclusions that are not of that type.

The mineral inclusions will be identified using the point-count method, with a minimum count of 100. Each slide will be examined once under the polarizing microscope using the point count method and then a second time examining the entire slide for a general observation of the mineral composition.

One last mineral characteristic that will be considered in the current analysis is the shape of the quartz inclusions. Quartz inclusions that are rounded are likely from the desert, whereas quartz inclusions from the mountains tend to be angular. Rounded and angular quartz inclusions are a result of sedimentary versus residual movement of the clay deposits. Clays from the desert are sedimentary and have been moved by waves, tides, streams, wind, erosion, or other forces to produce quartz minerals that have become rounded from abrasive movement. In the mountain, clays are found near or at the location of the parent rock from which they developed. The

movement is not as abrasive as in the desert producing less attrition and resulting in angular quartz inclusions.

12.8.3.3 Rim Sherd Profile Methods

A rim sherd profile is a vertical measurement of the rim sherd. Rim sherds that are large enough to identify the arc of the rim and that are easy to orient will be selected for profile samples. The rim sherd will be placed upright and oriented along a right angle ruler. The angles where the rim sherd intersects with the vertical and horizontal lines will be plotted on graph paper. A carpenter's contour gage will be placed alongside the interior of the rim sherd to produce the contour of the rim sherd. The contour gage will then be placed alongside the marked angles on the graph paper and the interior contour of the rim sherd will be outlined. The same procedure will be conducted with the exterior of the rim sherd. Calipers will be used to measure thickness and a concentric radii measurement tool will be used to measure the radius of the rim sherd.

12.8.4 Microbotanical, Macrobotanical, and Protein Residue Studies

The importance of protein residue, phytolith, and pollen studies, which assist in determining tool use, diet, and environmental reconstruction, cannot be overstressed. Although relatively new and somewhat rare in the literature, these kinds of studies are necessary to answer research questions concerning settlement and subsistence. If sufficient sub-surface deposits are present, flotation can provide a sample of micro-debitage, archaeobotanical and zooarchaeological remains. These remains can be analyzed to reconstruct the subsistence and paleoenvironmental conditions of the site. A flotation sample may also indicate the density of remains represented at the site. If tools are recovered that are good candidates for residue analysis, then they will be submitted for protein residue studies. It is anticipated that a minimum of 10 and a maximum of 30 tools will be submitted for residue analysis.

The residue study will be conducted by the Laboratory of Archaeological Sciences at California State University, Bakersfield. The technique used for blood residue identification involves lifting blood residues from the artifact surfaces and edge margins and then examining them with a coated

paper strip that is sensitive to blood hemoglobin. Confirmed blood deposits are then subjected to a chemical process that crystallizes the hemoglobin. Since the size and shape of hemoglobin crystals differs among animals and man, it is possible to identify the blood samples according to species. This procedure could be helpful in confirming the functional aspect of the stone tools and in identifying the specific game animals that were part of the precontact diet.

12.8.5 Obsidian Source Identification and Hydration Rim Measurements

When available, obsidian samples will be submitted for source identification and/or hydration rim measurements. Usually, the number of obsidian items recovered is small, and all samples large enough (1.0 cm in maximum measurement) are submitted for analysis. It is anticipated that approximately 30 obsidian samples will be submitted for sourcing and hydration analysis.

12.8.6 Radiocarbon Dating Analysis

When shell, bone, or charcoal from hearths or other reliable materials are available for radiocarbon dating, a minimum of 4 and a maximum of 10 samples will be submitted. Radiocarbon dating provides valuable information for site placement within the precontact chronology for San Diego County. Radiocarbon Dating Analysis will be conducted by Beta Analytic, Inc.

12.9 RESEARCH QUESTIONS FOR THE 1901 HISTORIC STRUCTURE/LOCATION (by Stephen Van Wormer and Dennis R. Gallegos)

This section provides a discussion of the data recovery plan (including a pre-grade phase) that will be employed to mitigate impacts as a result of the construction of the Merriam Mountains project. The data recovery plan, as discussed below, includes research orientation, research objectives, research questions, data requirements, field and lab methods, and special studies (i.e., glass analysis). The objective of the data recovery plan is to record features encountered, and to collect a sample of historic materials to address the research questions posed.

12.9.1 Research Orientation

Given the research on the local history of the Merriam Mountains and the 1901 historic structure/location present in the project area, a pre-grade and data recovery phase has the potential to reveal significant subsurface features and artifacts. Controlled excavations should generate a rich and varied database for exploring different avenues of inquiry about the lifeways in northeast San Diego County and for regional research concerns with the hope of gaining a more complete understanding of Historic Period settlement. Van Wormer (Van Wormer 1991; Van Wormer and Schaefer 1991; Phillips and Van Wormer 1991) has conducted a number of regional programs under the theoretical context of functional pattern definition and consumerism studies. The following historic research topics were chosen based on previous work in the region prepared for Gallegos & Associates by Stephen Van Wormer.

The primary cultural unit of historic archaeology has traditionally been the household, which is defined as a domestic residential group consisting of the inhabitants of a dwelling, or set of dwellings, and appears as a discrete group in historic documents (Henry 1987a; 1987b). It includes all the residents in the group that could have contributed to primary artifact deposits within the premises' yard or other defined boundary during a single time period (Spencer-Wood 1987a). The household can generally be seen as a member of the social group to which its members belong. Households are members of two powerful reference groups: social class and ethnic affiliation. This commonalty of group membership allows comparison of large numbers of households on a consistent measure (Henry 1987a,b). If a sufficient database has been developed, research can focus on analytical units larger than the single site, making comparisons within and between social groups possible (Henry 1987a; 1987b).

Functional pattern recognition and consumerism studies provide the theoretical background appropriate for the analysis of various aspects of human behavior during the 19th and early 20th centuries. Both studies provide a systematic approach to material culture. The purpose of historic archaeological artifact analysis is not to reconstruct the past through detailed artifact descriptions, or to pay tribute to some notable person, but to reveal broad trends and patterns that can expand our

understanding of the processes that affected people over time. The focus, therefore, is on differences in relationships between groups and cultures.

Based on methods developed by Stanley South and others, the purpose of pattern analysis is to develop functional artifact patterns or profiles (South 1977). In order to determine the types of activities represented, artifacts are divided into functional categories or groups. The purpose is to allow detection of relationships between functionally defined artifact groups at a generalized level of analysis and thereby define broad patterned regularities (South 1977). The need for analysis at this level is to define functional patterned regularities and to detect variation in the norm through cross-site comparison. South's models use a classification system with eight artifact groups. These are appropriate for sites that date prior to the Civil War; however, the quantity, variety, and availability of material items greatly increased after the Civil War, leading to the development of a consumer-oriented culture by the end of the 19th century (Thomas 1982; Gordon and McArthur 1985; and Spencer-Wood 1987a).

The increase in availability of manufactured goods and in consumer buying after 1860 necessitated a more complex classification system. A system of 20 artifact groups has proven successful for various site types in southern California (Van Wormer 1991a; 1991b; Van Wormer and Schaefer 1991; Phillips and Van Wormer 1991). Artifacts in each group are quantified by estimated minimum number and weight, with the amount converted into a percentage of the total number and weight of artifacts from the deposit. It can thus be determined to what degree different activities are represented, resulting in a functional pattern or profile of the artifact assemblage. Bulk items such as concrete, building items, brick fragments, window glass, and tile are usually so fragmented that estimated minimum numbers cannot be calculated, and therefore, are quantified by weight only.

With this approach, archaeological refuse deposits take on meaning in relation to their ability to contribute to the definition of specific behavioral patterns. Trash-filled privies, wells, and pits often contain artifact assemblages representing small, temporally and spatially distinct patterns of different households.

Archaeological studies in consumerism attempt to define archaeological situations wherein pattern differences may be the result of socioeconomic status, ethnicity, household structure and lifestyle, market access, and biases within the archaeological and documentary records. Research in archaeology and on 20th century consumer behavior have both found strong relationships between economic roles, social stratification, and the types of material culture of households excavated from sites (Spencer-Wood 1987a).

Studies in consumer behavior indicate that people buy things for what they mean culturally, as well as for their functional purpose. Consumption is one of the important ways of signifying membership in a group, particularly in class, status, and ethnic groups, and therefore is an important reflection of lifestyle. Some groups, known as reference groups, exert a greater influence on individuals. As individuals are influenced by the groups to which they belong, they tend to follow the group's lifestyle. There will be variability within the group's lifestyle as practiced by its individual members; however, there will be more similarity among individuals within the group than between groups (Henry 1991).

The study of consumer behavior requires a comparative database so that patterns that characterize various social classes, ethnic groups, historical periods, and geographical regions can be compared (Lee Decker 1991). Intersite comparisons are used to assess the range of variation between groups and between households to define shared group behaviors (Spencer-Wood 1987a).

Several procedures have been developed to study consumerism and the relative value different groups placed on certain artifact classes. These include economic indexing, consumption pattern analysis, and dietary studies.

Economic indexing was first developed by George I. Miller for ceramic tableware. It is based on indices developed from cost relationships of tableware form and decoration during specific time periods (Miller 1980). Analytical methods based on Miller's work have been refined to develop consumer choice profiles (Spencer-Wood et al. 1987; Spencer-Wood 1987b). Indices have been developed by Henry for 20th century ceramic assemblages (Henry 1982, 1987b). Similar types of indices have also been used for butchered bone and fish remains (Henry 1982, 1987; Schulz and

Gust 1983; Huelsbeck 1991; Singer 1987). Bottled product consumption patterns have proven useful to determine site function and social group affiliation. Relative frequencies of bottled products differ between domestic households and commercial establishments, as well as between social groups (Van Wormer 1983b, 1991a; Blanford 1988).

Data from ceramic, faunal, and culinary bottle assemblages can be indicative of status variance and ethnic affiliations of populations represented by artifact assemblages. These studies focus on diet. The kinds of foods individuals chose and the ways it was prepared are overlaid with cultural significance that reaches well beyond the satisfaction of hunger or nutritional needs (Holt 1991). Analysis of relative frequencies of ceramic tableware forms have proven to be indicative of the types of foods served and consumed, thereby reflecting ethnic and status differences (Otto 1977, 1980; Felton and Schulz 1983). Relative quantities of faunal species, culinary bottled products, tin can types, and butchering techniques have been shown to reflect ethnic food preferences and preparation practices (Langenwalter 1980; Van Wormer 1983b, 1990a, 1991a,b; Blanford 1988). Although these methods have proven to be useful, conclusions based on a single analytical technique, they should not be relied upon without confirmation by other data sets and historical documentation (Reitz 1987; Baugher and Venables 1987).

12.9.2 Research Objectives

- Investigate buried historic resources in association with site occupation and in relationship to other sites in the Merriam Mountains area and San Diego County.
- Fill data gaps in the current understanding of activities in the Merriam Mountains area during the late 19th century and early 20th century.
- Generate data for comparison of discarded refuse from the 1901 historic structure/location with resources from other historical sites in north San Diego County of a similar time period.
- Identify the historic record of use and occupation of the 1901 historic structure/location.

12.9.3 Research Questions

Research questions were predicated on the results of the historical research and cultural features and historic materials in San Diego County dating between the late 1800s and the early 1900s.

There is a high likelihood that subsurface deposits, including trash deposits and privies, are present at the 1901 historic structure/location.

Can the historic features be identified with the various occupation periods, so that it is possible to associate the artifacts and faunal remains with the respective occupants of the site?

What can the resources tell us about domestic lifestyles in terms of economic and social activities?

What comparative relationship between other archaeological collections in the Merriam Mountains region and San Diego County can be demonstrated for the period of occupation?

Research focusing on questions relating to the development of the Merriam Mountains region from the late 1800s to the early 1900s in San Diego County has the potential to generate a new or altered interpretation of local history. Using a general approach, questions regarding activities such as community development and economic and social attributes are appropriate to orient the recovery of artifacts and features in such a manner as to secure a meaningful and comparative database. Artifacts from individual trash deposits and/or privies can be analyzed and compared to patterns derived from other collections in the Merriam Mountains region and San Diego County.

Can the location of the 1901 historic structure/location and any associated subsurface features be established through excavation?

The 1901 historic structure/location was built prior to the turn of the century and is shown on the 1901 Escondido and San Luis Rey USGS maps. This structure may be related to the parcels identified as Dietschy or Frohberg. The method of construction of the residence is unknown, but structures of this time period and area were generally constructed of wood, using single wall construction.

12.9.4 Data Requirements

As data needs for all of the questions concerning the 1901 historic structure/location are similar, they are included in this subsection as follows:

- Artifactual data including temporally discrete deposits of artifacts containing refuse of a domestic nature, such as tableware, beverage bottles, faunal remains, and temporal indicators.
- Comparable data from previous investigations that are relevant to questions specific to the Merriam Mountains region and general to San Diego County.

12.9.5 Field Methods

The 1901 historic structure/location is approximately 200x200 m (430,556.42 sq ft) in area. The pre-grade phase will consist of both light to moderate mechanical scraping and controlled excavation using backhoe trenches in east-west or north-south oriented alignments depending on the landform. Controlled backhoe excavation will be conducted using an 18-inch non-bladed bucket. If subsurface features or artifacts are exposed, manual excavation using 3x3-ft data recovery units will be employed followed by block excavation if necessary. The 3x3-ft units will be excavated in areas estimated to contain the richest remaining deposit as determined by the pre-grade phase of work. The units will be excavated in 6-inch levels, with all soil placed in 5-gallon buckets for transfer to a screening area, where the soil will be screened through 1/4-inch mesh. Artifacts found during the pre-grade and data recovery program will be grouped as to their general location, numbered, mapped, collected, labeled, and bagged, and moved to Gallegos & Associates' laboratory for analysis and interim curation.

12.9.6 Laboratory Analysis

All cultural materials will be cleaned, weighed, and identified to the extent possible. As part of cataloguing, artifact and ecofact information will be entered into an electronic database, along with provenience, material class, functional category, and documentation of makers' marks and other diagnostic characteristics. Following the cataloguing procedure, items will be separated as to material type to facilitate potential reconstruction and to provide for a minimum count of items

such as bottles, jars, dishes, nails, and ammunition. Nondiagnostic fragments, such as unidentifiable metal, wood, ceramic, and glass fragments, will be recorded by provenience and weight, and set aside for discard following completion of artifact analysis. Specialized studies, such as glass bottle, ceramic, and faunal analyses, will be conducted after the initial sorting and cataloguing.

Analysis of features and recovered artifacts will be conducted within the parameters of the research design. The analysis of artifacts will be based primarily on functional artifact classifications derived from South (1977) to provide a meaningful comparison of data to deposits of a similar time frame. Artifact identification will be conducted for the purpose of developing functional artifact patterns or profiles as described by South (1977). To determine the types of activities represented, artifacts will be divided into functional categories or groups, and efforts will be expended to date objects as closely as possible. The purpose of this classification is to allow detection of relationships between functionally defined artifact groups at a generalized level of analysis in order to render broad patterned regularities (South 1977). Analysis will be based on a classification system that includes at least 20 artifact groups, rather than the eight developed for South's models. Data analysis will consist of comparing artifact profiles, consumption patterns, and price indices from the 1901 historic structure/location to other historic archaeological deposits that represent similar occupation dates.

- **Shell Analysis**: Shell analysis will include identification and estimates of diagnostic species by number of identifiable specimens (NISP), and weight by species. Data will be tabulated by unit or feature.

- **Bone:** Bone will be identified, when possible, by genus and species. When specie identification is not possible, the bone will be identified as small, medium, and large vertebrate mammal. Elements will then be identified as burned and/or unburned and analyzed for method of butchering.

12.9.7 Special Studies

Specialized studies will be conducted after the initial sorting and cataloguing. Specialized studies to be completed depend on the materials recovered and the level of research. Possible studies to be

completed for the data recovery program may include, but will not be limited to, glass and ceramic analysis, and faunal (vertebrate) analysis.

12.10 REPORT PREPARATION

The format for the final report follows Office of Historic Preservation Guidelines (1991) and will be filed at the appropriate state clearinghouse(s).

The contents of the report include the following:

1. Text includes but is not limited to: an abstract; a discussion of field methods (i.e., survey methods, surface collection methods, number, size, depth, and placement of surface scrapes, STPs, and units); results of analyses, including tables that provide cultural material by provenience (unit, depth); the synthesis of data; and the results of special studies conducted; the description of cultural stratigraphy; an evaluation of site significance; and discussion of the results in terms of relevant research questions.

2. Graphics will be used to delineate the horizontal and vertical extent of the site(s). All maps will include a site datum, a north arrow (marked true north or magnetic north), and a scale in meters. Each site will have a site map showing the location of 1x1-m units, significant landforms and/or landmarks, surface cultural features, and surface artifact collection areas. Maps will be used to show the location of collected surface artifacts by point provenience, surface scrapes, or collection cell. Sidewall profiles of selected units will be included, and all features will be drawn with appropriate scales in metrics. Drawings of temporally–diagnostic artifacts will be included, as well as photographs or illustrations of sample artifact types recovered from the site.

Attachments will include a bibliography of references cited in text, tables, and graphics; site forms for new sites and updates of previously recorded sites; original reports of special studies (i.e., radiocarbon submittal sheets and reports, obsidian analysis reports); catalogues of collected material; résumés of key personnel; and, any pertinent correspondence.

12.11 REPORT SUBMITTAL

The draft report for review by the County of San Diego will be submitted within four to six months

of completing all fieldwork. Copies of the final report will be submitted to the County of San Diego and to the South Coastal Information Center at San Diego State University.

12.12 NATIVE AMERICAN PARTICIPATION

A Native American monitor will be invited to participate in the data recovery/index sampling program. The selection of the Native American Monitor will be on the basis of proximity to the project area and identified as a Luiseño Native American.

12.12.1 Provisions for Encountering Human Remains

Prior to starting fieldwork, a meeting with the appropriate Native American representative will be conducted to discuss burial procedures. If human remains are encountered, then the specific procedures outlined by the California Native American Heritage Commission (NAHC) (1991), and in accordance with Section 7050.5 of the Health and Safety Code, Section 5097.98 of the Public Resources Code (Chapter 1492, Statutes of 1982, Senate Bill 297), and SB 447 (Chapter 44, Statutes of 1987) will be followed. Section 7050.5 (c) will guide the potential Native American involvement, in the event of discovery of human remains.

Specific measures to be followed should human remains be encountered include: 1) work will cease in the immediate area of the burial; 2) The person in direct charge of the project will contact the County of San Diego Coroner; and, 3) as per Section 7050.5(c) "If the coroner determines that the remains are not subject to his or her authority, and if the Coroner has reason to believe that the human remains are those of a Native American, or has reason to believe they are those of a Native American, he or she will contact the Native American Heritage Commission." The Native American Heritage Commission, the local agency representative, and the authorized local tribal representative will review and provide input as to further action. Under typical circumstances, the Most Likely Descendent(s) (MLD) of the discovered remains will then be contacted by the NAHC. The MLD has 24 hours to make recommendations to the Project Owner/Environmental Compliance Manager regarding treatment and disposition of the identified remains.

Alternatives for the disposition of human remains and associated artifacts include: 1) leaving human remains *in situ*; 2) uncovering the human remains for analysis *in situ*; 3) removing human remains for analysis and curation; 4) removing human remains for analysis and repatriation to local Native Americans affiliated with the local area; and, 5) removing human remains with no analysis for repatriation to Native Americans affiliated with the local area.

12.13 PERSONNEL

Dennis R. Gallegos (Project Manager) and Monica Guerrero, M.A., RPA (Project Archaeologist) will provide project direction and will be responsible for the overall quality of the study. Nick Doose (Field Director) will be on site daily to direct the field effort. Karen Hovland (Lab Director) will ensure that artifacts are handled in a professional and proper manner, and that materials for special studies are submitted to subconsultants. J. Jeffrey Flenniken, Ph.D. will provide lithic analysis. Résumés for key personnel are provided in Appendix A.

12.14 CURATION

All cultural materials, except burial-related artifacts and unless otherwise required by law, excavated or removed from precontact or historic sites during testing and/or data recovery programs, along with associated project data, will be borrowed from curation facilities for analysis and special studies and where possible will be permanently curated at a qualified repository as defined by the "State of California Guidelines for the Curation of Archaeological Collections," such as the San Diego Archaeological Center. Curation includes, but is not limited to, field notes, photographs, catalogues, and final reports. Collections from previous excavations at sites CA-SDI-4558 and CA-SDI-9822 shall be combined with the collection recovered as a result of the current study. These artifacts and associated documentation are necessary to produce a comprehensive report of finding for sites CA-SDI-4558 and CA-SDI-9822. Additionally, the owner agrees to execute a release of title form and to pay the required curation fees in effect at the time of curation. All curation shall be accomplished within six (6) months from the completion of the project.

12.15 MONITORING

A qualified archaeologist and a Native American will monitor all grading and earth moving activities during construction. Should burials/cremations or features be located, grading and/or earth moving activities will be halted for a period of 72 hours to allow for excavation and removal. Analysis of artifacts and ecofacts recovered during monitoring will also be included in the final report.

Prior to approval of grading or improvement plans, the subdivider shall contract with a County certified archaeologist to implement a grading monitoring and data recovery plan to the satisfaction of the Director of Planning and Land Use (DPLU). Verification of the contract shall be presented in a letter from the Project Archaeologist to the Director of Planning and Land Use. This plan shall include, but not be limited to, the following actions:

1. The consulting archaeologist shall contract with a Native American Observer to be involved with the grading monitoring program. The County certified archaeologist/historian and Native American Observer shall attend the pre-grading meeting with the contractors to explain and coordinate the requirements of the monitoring program. The Department of Planning and Land Use shall approve all persons involved in the monitoring program prior to any pre-construction meetings.

2. During the original cutting of previously undisturbed deposits, the archaeological monitor(s) (and Native American Observer) shall be onsite full-time to perform periodic inspections of the excavations. The frequency of inspections will depend on the rate of excavation, the materials excavated, and the presence and abundance of artifacts and features.

3. Isolates and clearly non-significant deposits will be minimally documented in the field and the monitored grading can proceed.

4. In the event that previously unidentified potentially significant cultural resources are discovered, the archaeologist shall have the authority to divert or temporarily halt ground disturbance operation in the area of discovery to allow evaluation of potentially significant cultural resources. The archaeologist shall contact the County Archaeologist at the time of discovery. The archaeologist, in consulting with County staff archaeologist, shall determine the significance of the discovered resources. The County Archaeologist must concur with the evaluation before construction activities will be allowed to resume in the affected area. For significant cultural resources, a Research Design and Data Recovery Program to mitigate impacts shall be prepared by the consulting archaeologist and approved by the County Archaeologist, then carried out using professional archaeological methods.

If any human bones are discovered, the County Coroner shall be contacted. In the event that the remains are determined to be of Native American origin, the Most Likely Descendant, as identified by the Native American Heritage Commission, shall be contacted in order to determine proper treatment and disposition of the remains.

5. Before construction activities are allowed to resume in the affected area, the artifacts shall be recovered and features recorded using professional archaeological methods. The archaeological monitor(s) and Native American Observer shall determine the amount of material to be recovered for an adequate artifact sample for analysis.

6. In the event that previously unidentified cultural resources are discovered, all cultural material collected during the grading monitoring program shall be processed and curated according to current professional repository standards. The collections and associated records shall be transferred, including title, to an appropriate curation facility within San Diego County, to be accompanied by payment of the fees necessary for permanent curation.

7. In the event that previously unidentified cultural resources are discovered, a report documenting the field and analysis results and interpreting the artifact and research data within the research context shall be completed and submitted to the satisfaction of the Director of Planning and Land use prior to the issuance of any building permits. The report will include Department of Parks and Recreation Primary and Archaeological Site forms.

8. In the event that no cultural resources are discovered, a brief letter to that effect shall be sent to the Director of Planning and Land Use by the consulting archaeologist that the grading monitoring activities have been completed.

SECTION 13

REFERENCES

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2004a Cultural Resources Survey Report for TM 5337; Log No. 3-08-054; Rogers Estate; APN 182-310-44; Negative Findings. On file, South Coastal Information Center, San Diego State University, San Diego, California.

2004b Cultural Resources Survey Report for TPM 20814; Log No. 04-08-012; West Minor Subdivision; APN 181-012-22, 25; Negative Findings. On file, South Coastal Information Center, San Diego State University, San Diego, California.

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CULTURAL RESOURCE REPORT FOR THE MERRIAM MOUNTAINS PROJECT COUNTY OF SAN DIEGO, CALIFORNIA

APPENDICES

Volume 2 of 3

Prepared for:
Dudek & Associates

Prepared by:
Gallegos & Associates

July 2007

APPENDIX A

KEY PERSONNEL RESUMES

RESUME

DENNIS R. GALLEGOS
PRINCIPAL

Gallegos & Associates
5671 Palmer Way, Suite A
Carlsbad, CA 92008
(760) 929-0055

EDUCATION

B.A. Anthropology, California State University, Northridge, 1974
B.S. Business, California State University, Northridge, 1973

PROFESSIONAL AFFILIATION

Society for American Archaeology
Archaeological Conservancy
Society for California Archaeology
San Diego County Archaeological Society
Carlsbad Historic Preservation Commission 1989-1993

PROFESSIONAL EXPERIENCE

Gallegos & Associates
1990 to Present

Principal Investigator for cultural resource studies within southern California for federal, State and local compliance. These projects include constraint level evaluations, surveys, CEQA testing programs, evaluations for National Register status, and data recovery programs. Mr. Gallegos is knowledgeable of Federal legal requirements as well as, City, County and CEQA requirements, having worked on over 500 projects within the past 30 years. He has served as principal investigator for a number of recent federal cultural resource projects which involved agency and 106 compliance. These projects include: surveys and test programs for SR 905 and the widening of Otay Mesa Road, the Otay Mesa Management Plan, Camp Pendleton Santa Margarita River Valley Inventory (5,000 acres), NAS Miramar inventory (sample inventory of 20,000 acres), Naval Radio Receiving Facility inventory, Cleveland National Forest report preparation; and testing of a 5,000 year-old site along the San Luis Rey River Valley to determine site significance.

Major cultural resource overviews include San Dieguito River Valley Park (80,000 acres); and overviews for the City of Escondido, San Marcos planning areas, City of Encinitas, Otay River Valley, and San Luis Rey River Valley. Recent projects managed by Mr. Gallegos include: an inventory for Anza-Borrego Desert State Park; Oceanside-Escondido Bike Trail; Viejas Village inventory and test; survey and testing for Carlsbad Ranch, constraint level study for Carrillo Ranch Specific Plan; Batiquitos Lagoon Enhancement Project; and inventories for Subareas III (3,000 acres), Subarea IV (1,500 acres), and Subarea V (2,000 acres) for the City of San Diego.

DENNIS R. GALLEGOS

Ogden/ERC Environmental and Energy Services Company
1978 to 1990

Project manager responsible for management and direction of cultural resource surveys, test excavations, and data recovery programs. Major projects include the data recovery programs for Ballast Point, Batiquitos Ridge, Twin Oaks Valley Ranch, Kuebler Ranch - Otay Mesa, Fieldstone Northview, and Daon's Santa Fe Ridge. Utility line projects involving FERC, NEPA, and 106 compliance include the SCE Palo Verde/Devers 200-mile transmission line corridor survey, testing, and data recovery program; SDG&E La Rosita transmission line; and the SDG&E La Jet solar study. Large-scale Class II cultural resource inventories include the Bureau of Land Management's 2.5-million acre Central Mojave and Colorado Desert regions and the BLM's 250,000-acre East/West Mesa Imperial Valley studies.

Archaeological Consultant
1977 to 1978

Archaeological consultant with Wirth Associates, Inc. for SDG&E including: Talega Substation survey (field director); Phase II archaeological inventory report, plant site to Devers and Miguel Substations, Sundesert Nuclear Project transmission system environmental study; archaeological study of the Jamul Mountain Alternative, Sundesert Nuclear Project transmission system environmental study (field director); and Phase I archaeology report, plant site to Victorville/Lugo and Devers to Victorville/Lugo, Sundesert Nuclear Project transmission system environmental study.

Bureau of Land Management
1975 to 1977

Archaeologist for the USDI, Bureau of Land Management, California Desert Planning Staff, Sacramento/Riverside, California. Lead archaeologist for the Saline Valley Unit Resource Analysis (cultural resource inventory of 500,000 acres).

Assisted in the cultural resource inventory, unit resource analysis, and management framework plan for the East Mojave Planning Units (2,000,000 acres in the California Desert). Developed survey inventory and data collection methods for computer input and analysis. Developed a predictive model for locating prehistoric sites on the basis of environmental variables. This model also identified site type and relative site density for each site type on the basis of environmental setting.

State of California
1975

Archaeologist for the State of California, Department of Parks and Recreation. Responsible for site testing and excavation of the 1812 Russian Fort Ross, Fort Ross, California.

Archaeological Consultant
1972 to 1974

Archaeological consultant for historic and prehistoric sites to include mapping, survey, excavation, and data recovery programs for private contractors, utilities, universities, Caltrans, HUD, and museums. Project areas include: Ventura Mission site, Ventura, California; Kirk Creek, Big Sur, California; Salton Sea area, Imperial County, California; Crowder Canyon, San Bernardino County, California; and Cuyama, California. Responsibilities included data recovery, analysis, photography, and report writing.

State of California
1970 to 1973

Park aide for the Department of Parks and Recreation. Responsible for survey, excavation, payroll, and disbursement of funds for the Castaic, Hardluck, and Pyramid projects, Los Angeles National Forest, California.

AWARDS

Special Achievement Award, presented by the Bureau of Land Management, California Desert Planning Staff, April 1977.

Outstanding Achievement in the Field of Historic Preservation, Leo Carrillo Ranch Master Plan, California Preservation Foundation, February 1998

MAJOR REPORTS

2002 Otay/Kuchamaa: Cultural Resource Background Study, prepared for the Bureau of Land Management. For this 30,000 acre overview, the final report included a record search and literature review, mapping of previously recorded cultural resources using GIS, identification of significant cultural resources, preparing sections on Kumeyaay Native Americans in both the US and Mexico and the historic period, and providing management recommendations.

2002 Data Recovery Program for the McCool/Lohman Homestead: 1880s to 1940s, Otay Mesa, San Diego, California. Project completed for the Larkspur Generating Facility under CEC review. This project included a literature review, record search, field survey, test to determine site significance and eligibility to the California Register of Historical Resources, mitigation program through data recovery, and monitoring during construction. The literature review identified occupation by the McCool and Lohman families from circa 1880 to 1940. Features documented include four cisterns and three privy/dumps with materials documenting the early historic occupation of Otay Mesa.

2001 Cultural Resource Test, Data Recovery and Monitoring Program for the Otay Mesa Generating Project. This study included determining site significance and eligibility to the National Register for 13 cultural resources, data recovery for site CA-SDI-9975, and monitoring during construction of the power plant and related facilities. Tasks included survey, artifact collection using GPS and GIS, excavation of STPs and units, artifact analysis, special studies, and a report of finding. This study was prepared for the California Energy Commission.

2000 Cultural Resources Evaluation Report for the Palomar College Science Building Project, San Marcos, California. Literature review, review of collections made by Palomar students, field survey and testing of one prehistoric site for Palomar College. Testing of this 3600 year old site included surface collection, excavation of STPs and units, artifact analysis, special studies, and a report of finding. The site was identified as significant under CEQA criteria and mitigation of impacts through data recovery excavation was scheduled for student programs over the next five year.

DENNIS R. GALLEGOS

2000 Cultural Resource Survey and Evaluation for the North Sand Sheet Full Buildout program, Owens Lake California. Literature review, inventory of 5,000 acres and testing to determine National Register eligibility for 14 cultural resources sites. Testing included surface collection of artifacts, mapping using GPS and GIS, subsurface excavation, artifact analysis and a report of finding. Report prepared for Los Angeles Department of Water & Power.

1999 Historical/Archaeological Inventory Report for the Otay Mesa Generating Company, LCC. Project. Literature review, field inventory of 250 acres, and site recording for the Otay Mesa Generating Company.

1999 5000 Years of Occupation: Cultural Resource Inventory and Assessment Program for the Carlsbad Municipal Golf Course Project. Report prepared for the City of Carlsbad.

1999 (with others)
Oceanside-Escondido Bikeway Project: Cultural Resource Inventory and Significance Test for Prehistoric Site CA-SDI-14340. Report (HPSR and technical attachments) prepared for the City of San Marcos and Caltrans.

1998 (with others)
Cultural Resources Survey for the Alternate Route of Travel for the Coyote Canyon Anza-Borrego Desert State Park Feasibility Study. Report prepared for State of California Department of Parks and Recreation.

1998 Management Plan for Otay Mesa Prehistoric Resources, San Diego, California. Preparation of a management plan for prehistoric resources within a 10,000 acre study area. Report prepared for Caltrans and City of San Diego.

1997 (with others)
Route 905 Reports: HPSR, Survey of approximately 2,000 acres, and Test Report for Sites CA-SDI-6941, Loci G and Y; CA-SDI-11423; and CA-SDI-11424. Reports and technical attachments prepared for City of San Diego and Caltrans.

1997 Batiquitos Lagoon Monitoring Program, Archaeological Test at Site CA-SDI-11953, Carlsbad, California. Report prepared for City of Carlsbad.

1996 Carlsbad Ranch Survey and Test Report. Field survey, testing to determine site significance, mitigation through data recovery excavation, and monitoring. Report prepared for Carltans and the City of Carlsbad.

1995 (with others)
Otay Mesa Road Widening Project Cultural Resources Technical Report. Literature review and field survey of 1,750 acres. Report prepared for City of San Diego and Caltrans.

1995 (with others)
Historical/Archaeological Survey Report for Subarea V Future Urbanizing Area, San Diego, California. Literature review and field survey of approximately 2,000 acres in north San Diego County.

DENNIS R. GALLEGOS

1995 (with others)
Cultural Resource Inventory of the Santa Margarita River Valley, Camp Pendleton. Background study and field inventory of approximately 5,000 acres for Camp Pendleton, north San Diego County.

1994 (with Kyle)
Archaeological Testing of Seven Sites for the Stardust Golf Course Realignment Project, City of San Diego, California. Testing program to determine site significance for 10 prehistoric sites. Two major habitation sites within the San Diego River Valley were identified as significant.

1993 (with others)
Historical/Archaeological Survey Report for the Reclaimed Water Distribution Master Plan for the Northern and Central Service Areas Phase Ia, San Diego County, California. Literature review and field survey for approximately 100 linear miles.

1993 (with Strudwick)
The Archaeological Investigation of CA-SCLI-847 San Clemente Island, California. Data recovery program for a 4,000 year old site on San Clemente Island for conducted for the U.S. Navy.

1993 (with others)
Historical/Archaeological Survey and Test Report for Subarea III Future Urbanizing Area, San Diego, California. Literature review and field survey for 3,000 acres in north San Diego County.

1993 (with others)
Historical/Archaeological Survey Report, One City Block Within Downtown Oceanside Redevelopment Core Block Area, Oceanside. Testing program to determine presence/absence of historic resources and the significance of resources.

1993 (with others)
Historical/Archaeological Survey and Test Report for Subarea IV Future Urbanizing Area, San Diego, California. Literature review and field survey of 1,500 acres in north San Diego County.

1992 (with Strudwick)
Historical/Archaeological Test Report for Daley Ranch, Escondido, California. CEQA test program to determine importance for 23 prehistoric and historic sites.

1992 (with Strudwick)
Historical/Archaeological Survey Report for Montecito Ranch Property, Ramona, California. Literature review and field inventory for 953 acres producing 36 prehistoric and historic sites.

1992 (with Kyle)
Historical/Archaeological Survey and Test for Carlsbad Ranch, Carlsbad, California. Literature review, field survey and significance testing conducted for five sites.

1992 (with Schroth and Strudwick)
Historical/Archaeological Sample Inventory for Naval Air Station, Miramar, San Diego, California. Fifteen percent sample inventory of the 18,433 acre facility to provide data for GIS ARC-INFO and site probability modeling for land use planning.

1992 (editor)
Cultural Resource Evaluation for the Village of Tenaja, CA-RIV-271 and CA-RIV-3973, Trabuco Ranger District, Cleveland National Forest. Testing program conducted to determine National Register eligibility.

1992 (with Kyle)
Historical/Archaeological Survey and National Register Evaluation Report for Camp Pendleton Military Family Housing, San Diego, California. Survey and testing program to identify and determine National Register properties.

1990 (with Schroth)
Archaeological Investigations of a Five Hundred Year Old Settlement at Twin Oaks Valley Ranch, San Marcos, California. A data recovery program for a late period habitation site in compliance with federal, state and local requirements.

1990 (with Kyle)
Early Period Occupation at the Kuebler Ranch Site SDi-8654, Otay Mesa, San Diego County, California. A data recovery program for a 7,000 years old site on Otay Mesa prepared for the County of San Diego.

1989 (with others)
Cultural Resource Inventory and Testing Program for Lilac Ranch, Valley Center, California. Survey of 1,000 acres and testing program for 20 prehistoric and historic sites.

1989 (with others)
Cultural Resource Inventory and Testing Program for Salt Creek Ranch, Chula Vista, California. Survey of 1,000 acres and testing of historic and prehistoric sites for site importance under CEQA.

1988 (with others)
Cultural Resource Inventory and Data Acquisition Program, GEO East Mesa Geothermal Project, Imperial Valley, California. Cultural resource inventory of 1000 acres for geothermal energy development on USDI, BLM lands in the California desert.

1988 (with others)
Cultural Resource Inventory for a Series of Drill Sites within the Amir, Indian Rose Area Lease. Inventory conducted in southeastern California for the development of gold exploration on federal lands by Amir Mines, Ltd.

1988 (with others)
Cultural Resource Inventory and CEQA Test for Site Importance, Rancho Bernardo Lake Course. Inventory of 315 acres, identification and testing of ten prehistoric sites for the J.W. Colachis Company.

1988 (with others)
Cultural Resource Survey and Testing Program for the East Mesa Detention Facility, San Diego California. Project involved the survey of 523 acres, the identification of eight prehistoric and one historic site, and the testing of these sites with respect to CEQA. Three of these sites were quarry localities on Otay Mesa. Report prepared for the County of San Diego.

1988 (with others)
Five Thousand Years of Maritime Subsistence at Ballast Point Prehistoric Site SDI-48 (W-164), San Diego, California. Report involved the excavation of a 2.5 percent sample within a coastal shell midden site, dated from 6000 to 1500 years before present. Report prepared for the U.S. Navy.

1987 (with others)
Historical/prehistoric Inventory for the Green Dragon Colony, La Jolla California. Report documents the historical development of the Green Dragon Colony. EIR report for the City of San Diego.

1987 (with others)
Cultural Resource Inventory for Rancho La Quinta. Inventory of 1272 acres identifying six prehistoric sites within Coachella Valley, Riverside County, California. Report prepared for the Landmark Land Company.

1987 (with others)
Subsurface Testing Program to Identify and Evaluate Cultural Resources for the Santa Barbara Retail Revitalization Project. Testing program to identify historical and prehistoric sites within four city blocks of downtown Santa Barbara. Report prepared for the City of Santa Barbara.

1986 (with others)
Cultural and Paleontological Survey and Testing for Pacific Rim, Carlsbad, California. Project involved the survey of over 1,000 acres along the northern shore of Batiquitos Lagoon, the identification of 14 prehistoric, 1 historic, and 1 paleontological site, and the testing of prehistoric and historic sites to determine importance under CEQA. Report prepared for the City of Carlsbad.

1986 (with Cheever)
Cultural Resource Testing Program for Archaeological Sites SDI-607, -612, -212, 6825 and W-105, Carlsbad, California. Testing program for five sites located along the south shore of Batiquitos Lagoon for the City of Carlsbad.

1986 (with Cheever)
Carmel Mountain Ranch Data Recovery Program for Early Period Archaeological Site SDI-6087. Report prepared for Carmel Mountain Ranch.

1986 (with others)
Lake Cahuilla Prehistoric Occupation at IMP-4434 and IMP-5167, Imperial Valley, California. Data recovery for Ryerson Concrete Company.

1985 Early and Late Period Occupation at Rogers Ridge (SDI-4845, W-182), Carlsbad, California. Data recovery program to include the excavation of 94, 1 by 1 m units at six loci dating from 850 to 7000 years B.P. for Resource Microsystems Inc. and Daon Inc.

DENNIS R. GALLEGOS

1984 (with others)
Archaeological Investigations at SDI-5130, Mar Lado Project, Oceanside, California. Data recovery program for L and L Development.

1984 Cultural Resource Data Recovery Program for SDG&E's Imperial Valley to La Rosita 230-kV Transmission Line. Report prepared for SDG&E, San Diego, California.

1984 Windsong Shores Data Recovery Program for Site W-131 (Agua Hedionda), Carlsbad, California. Excavation of a 5 percent sample at a 7,000 to 8,500 year old site for Hunts Partnership.

1984 West Mesa Cultural Resource Survey and Site Evaluation, Imperial Valley, California. Report prepared for the Bureau of Land Management.

1983 Excavation of Diegueño/Ipai Subsistence Camps above Encinitas Creek: A Data Recovery Program for Fieldstone Northview, Encinitas, California. Report prepared for the Fieldstone Development Company.

1983 Archaeological Overview for the City of San Marcos, Business/Industrial, Richman, Lake San Marcos, and Barham/Discovery Community Plan. Report prepared for the City of San Marcos.

1980 (with others)
Cultural Resource Inventory and National Register Assessment of the Southern California Edison Palo Verde to Devers Transmission Line Corridor (California portion). Prepared for Southern California Edison, Rosemead, California.

1980 (with others)
Class II Cultural Resource Inventory of East Mesa and West Mesa Regions, Imperial Valley, California. Prepared for USDI, Bureau of Land Management, Riverside, California.

1979 (with others)
Class II Cultural Resource Inventory of the Central Mojave and Colorado Desert Regions. Prepared for USDI, Bureau of Land Management, Riverside, California.

1978 (with White)
An Archaeological Survey of the Talega Substation Site. Prepared for San Diego Gas & Electric by Wirth Associates, Inc., San Diego, California.

1978 (with others)
Documentation of the Phase II Archaeology Inventory Report, Plant Site to Devers and Miguel Substation, Sundesert Nuclear Project Transmission System Environmental Study. Prepared for San Diego Gas & Electric Company by Wirth Associates, Inc., San Diego, California.

1978 Jamul Mountains Alternative Route Suitability Review, Sundesert Nuclear Project Transmission System Environmental Study. Prepared for San Diego Gas & Electric Company by Wirth Associates, Inc., San Diego, California.

1977 (with others)
Phase I Archaeology Report, Plant Site to Victorville/Lugo and Devers to Victorville/Lugo, Sundesert Nuclear Project Transmission System Environmental

Study. Prepared for San Diego Gas & Electric Company by Wirth, Associates, Inc., San Diego, California.

1977 Saline Valley Unit Resource Analysis - Cultural Resources. Prepared for USDI, Bureau of Land Management, California Desert Planning Staff, Riverside, California.

1976 (with Hanks)
East Mojave Management Framework Plan - Cultural Resources. Prepared for USDI, Bureau of Land Management, California Desert Planning Staff, Riverside, California.

PUBLICATIONS

Five Thousand Years of Maritime Subsistence at Ballast Point Prehistoric Site SDi-48 (W-164), San Diego, California. (with Carolyn Kyle). Coyote Press, Salinas, California, No. 40, 1998

Environmental Change and Coastal Adaptations in San Diego County (with Patricia Masters, Ph.D.). In: *Archaeology of the California Coast During the Middle Holocene*, University of California, Los Angeles, California, Vol. 4, 1997.

A Review and Synthesis of the Archaeological Record for the Lower San Diego River Valley. Society for California Archaeology, San Diego, California, Volume 8, 1995

Patterns and Implications of Coastal Settlement in San Diego County: 9000 to 1300 Years Ago. In: *Essays on the Prehistory of Maritime California.* Center for Archaeological Research at Davis, No. 10, 1992.

Antiquity and Adaptation at Agua Hedionda, Carlsbad, California. In: *Hunter-Gatherers of Early Holocene Coastal California*, Institute of Archaeology, University of California, Los Angeles, 1991.

A Review and Synthesis of Environmental and Cultural Material for the Batiquitos Lagoon Region. In: *San Dieguito - La Jolla, Chronology and Controversy*, San Diego County Archaeological Society, Research Paper, Number 1, 1987.

Relocation of the Ballast Point Tryworks Oven Foundation (with Adella Schroth). In *Fort Guijarros Quarterly*, 3:2,1989

Early Man and a Cultural Chronology for Batiquitos Lagoon. In: *Casual Papers*, Cultural Resource Management Center, Department of Anthropology, San Diego State University, 1986.

Batiquitos Lagoon Revisited. In: *Casual Papers*, Cultural Resource Management Center, Department of Anthropology, San Diego State University, 1985.

Class II Cultural Resource Inventory, East Mesa and West Mesa Region, Imperial Valley, California, (with others). USDI, BLM, 1980.

Cultural Resource Inventory of the Central Mojave and Colorado Desert Regions, (with others). USDI, BLM, Cultural Resources Publications, Archaeology, 1980.

MONICA C. GUERRERO
PROJECT ARCHAEOLOGIST

Gallegos & Associates
5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055

EDUCATION

M.A. San Diego State University, 2001
B.A. Anthropology, University of California, Santa Barbara 1996

PROFESSIONAL AFFILIATION

Society for California Archaeology 1997- Present
Register of Professional Archaeologists 2001- Present
Archaeological Survey Association of Southern California 1997- Present

PROFESSIONAL EXPERIENCE

Gallegos & Associates
2000 - Present

Duties include literature reviews, record searches, direction of field crews for survey and testing programs, ceramic analysis, creation of surface collection maps, graphics, report editing, and contributing author for various San Diego County reports. Recent projects include the test/evaluation report for the NCTD Oceanside-Escondido Rail Project; inventory, testing and data recovery program for the Otay Generating Plant Project; BLM Kuchamaa Overview study; and the monitoring program for the Otay Plant and facilities.

San Diego State University
San Diego, CA
09/98-05/01

Laboratory Assistant: Duties included the identification, sorting, and cataloging of artifacts from a San Diego County late prehistoric archaeological site. Additional duties included artifact and pottery analyses and updating State of California site record forms.

Teaching Assistant: Assisted professor in teaching archaeological field methods class. Duties included instruction and supervision in surveying, mapping, excavating, water screening, flotation, site documentation and unit documentation, illustration of unit profiles, and laboratory analysis.

Collections Management: Duties included revitalization of artifact collections, identification and re-cataloging of artifacts, entering data into Collection Management's database, and provided public based educational programs to local elementary students.

University of California, Los Angeles
Los Angeles, CA
6/99 - 7/99

Archaeological Assistant: Assisted with archaeological field class in Mocollope, Peru. Duties included student field instruction and supervision of excavation, dry screening, artifact sorting, profile illustration, and level record forms.

Central Coast Information Center
Santa Barbara, CA
3/96- 6/96

Data Management: Duties included mapping newly recorded archaeological sites onto USGS quadrangle maps, entering new site information into the CCIC database, updating quad maps by mapping all previous sites onto new quad maps, and assisting local archaeologists with site record form requests.

PUBLICATIONS AND CULTURAL RESOURCE MANAGEMENT REPORTS-PRIMARY AUTHOR

2001 Archaeological Investigations at CA-SDI-945, San Diego County, California. Society for California Archaeology, San Diego, California, Volume 14, 2001.

2001 Hual-Cu-Cuish: A Late Prehistoric Kumeyaay Village Site in the Cuyamaca Rancho State Park, San Diego County, California. Masters Thesis on file at San Diego State University, San Diego, California.

RECENT PUBLICATIONS AND CULTURAL RESOURCE MANAGEMENT REPORTS-CONTRIBUTING AUTHOR

2001 Cultural Resource Test Program for the Wilson Property, Carlsbad, California. Prepared for the City of Carlsbad.

2001 Cultural Resource Letter Report for the Rancho Santa Fe Force Main Project, San Diego County, California. Prepared for Dudek & Associates.

2001 Cultural Resource Letter Report for the Vista-Oceanside Project, San Diego County, California. Prepared for Shapouri & Associates.

2001 Historical/Archaeological Survey for the Palomar Transfer Station Project, Carlsbad, California. Prepared for Dudek & Associates.

2001 Cultural Resource Test Report for the Oceanside-Escondido Rail Project, Oceanside, California. Prepared for Dudek & Associates.

2001 Historical/Archaeological Survey for the Brookside Plaza Project, Vista, California.Prepared for Land Planning Consultants.

2001 Archaeological Test Program for CA-SDI-14112, Mesa Norte Project, San Diego,California. Prepared for Hunsaker & Associates.

2001 Cultural Resource Test Program for CA-SDI-12508, San Diego, California. Prepared for Garden Communities.

2001 Cultural Resources Technical Report for the Otay Mesa Generating Project – Gas Line Corridor. Prepared for the California Energy Commission.

2001 Historical/Archaeological Survey for the Vineyard Project, County of San Diego, California. Prepared for Shapouri & Associates.

2001 Cultural Resource Survey Report for the Great Oak Ranch Property, Riverside, County, California. Prepared for Dudek & Associates.

2002 Historical/Archaeological Survey for the Vintage Timberworks Project, Temecula, California. Prepared for Vintage Timberworks, Inc.

2002 Cultural Resource Letter Report for the California State University San Marcos Student Housing and Associated Facilities Project, San Marcos, California. Prepared for O'Day Consultants.

2002 Historical/Archaeological Survey for the La Costa Greens Trunk Sewer Replacement Project, Carlsbad, California. Prepared for Dudek & Associates.

2002 Data Recovery Program for Pacbell Site CA-SDI-5633, San Marcos, California. Prepared for Joseph Wong Design Associates.

2002 Cultural Resource Literature Review for National Enterprises Major Use Permit, Otay Mesa, San Diego County, California. Prepared for National Enterprises, Inc.

2002 Cultural Resource Letter Report for the Hu Residence, City Required Update Study. Prepared for the Sea Bright Company.

2002 Cultural Resource Survey for the Creekside Marketplace and Adjacent Retail Project, San Marcos, California. Prepared for P & D Consultants.

2002 Cultural Resource Survey for the Rancho Vista Del Mar Property, Otay Mesa, San Diego County, California. Prepared for National Enterprises, Inc.

2002 Cultural Resource Survey for the Perris Valley Lateral "B" Stage 2 Project, Moreno Valley, California. Prepared for Dudek & Associates.

2002 Class III Cultural Resource Inventory for the Steele Peak Property, Riverside County, California. Prepared for Bureau of Land Management.

2002 Otay/Kuchamaa Cultural Resource Background Study, San Diego County, California: Prepared as Part of the Otay/Kuchamaa Resource Management Plan. Prepared for USDI Bureau of Land Management.

2002 Cultural Resource Survey and Test Report for the Johnson Canyon Parcel, Otay Mesa, San Diego County, California. Prepared for Otay Mesa Property, L.P.

2002 Cultural Resource Literature Review for National Enterprises Major Use Permit, Otay Mesa, San Diego County, California. Prepared for National Enterprises, Inc.

2002 Cultural Resource Survey for the Torrey Pines Reserve Habitat Restoration Site, San Diego, California. Prepared for ProjectDesign Consultants.

2002 Cultural Resource Survey for the University Commons Extension Project, San Marcos, California. Prepared for Dudek & Associates.

2003 Cultural Resource Survey for the Rancho Santa Fe Parklands Project, San Diego, California. Prepared for Shapouri & Associates.

2003 Cultural Resource Survey and Test Report for the Lonestar Parcel, Otay Mesa, San Diego County, California. Prepared for Otay Mesa Property, L.P.

2003 Cultural Resource Inventory for the Concho Circle Project, Oceanside, California. Prepared for Dave Zernik.

2003 Monitoring Program for the LMXU/Torrey Ranch Export Plan Project, San Diego, California. Prepared for Western Pacific Housing.

2003 Cultural Resource Survey for the San Dieguito Academy Project, San Diego, California. Prepared for Dudek & Associates.

2003 Cultural Resource Survey for the Sunset Continuation High School Project, San Diego, California. Prepared for Dudek & Associates.

2003 Historical/Archaeological Survey for the La Costa Resort and Spa Project, Carlsbad, California. Prepared for P & D Consultants.

2003 Cultural Resource Survey for the Bonita Library Project, Chula Vista, California. Prepared for BRG Consulting, Inc.

2003 Cultural Resource Survey for the Sycamore Landfill EIR Project, City of San Diego, California. Prepared for BRG Consulting, Inc.

2003 Cultural Resource Survey for the Champa Property, City of San Diego, California. Prepared for Alta Consultants.

2003 City of Carlsbad Water and Sewer Master Plan, Cultural Resource Background Study, City of Carlsbad, California. Prepared for Dudek & Associates.

2003 Cultural Resource Survey for the Villa De La Valle Project, San Diego, California. Prepared for Shapouri & Associates.

PAPERS PRESENTED

2000 Archaeological Investigations at CA-SDI-945, San Diego County, California. Presented to San Diego Archaeological Society, San Diego, California.

2000 Preliminary Archaeological Investigations at Hual-Cu-Cuish (CA-SDI-945), San Diego County, California. Presented at the Thirty-Fourth Annual Meeting,, Society for California Archaeology, Riverside, California.

2001 Boundary Identification Through the Use of Ceramics in San Diego County. Presented to the Annual Southern Data-Sharing Meeting, Society for California Archaeology, San Luis Obispo, California.

2003 New Perspectives on San Diego County Ceramics. Presented to the Annual Southern Data-Sharing Meeting, Society for California Archaeology, San Diego, California.

APPENDIX B

ARTIFACT CATALOGS

CAT #	UNIT TYPE	UNIT	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	PORTION	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1	STP	24	0-10 cm	0		Debitage	Com	Undif	1	0	0	0	0.05
2	STP	24	10-20 cm	0		Debitage	Com	Undif	1	0	0	0	0.1
3	STP	24	20-30 cm	0		Debitage	Com	Undif	4	0	0	0	3.8
4	STP	21	10-20 cm	0		Debitage	Com	Undif	1	0	0	0	0.05
5	STP	21	20-30 cm	0		Debitage	Com	Undif	1	0	0	0	0.4
6	STP	23	10-20 cm	0		Ground stone	Frag	Granitic	1	0	0	0	46.6
7	STP	23	30-40 cm	0		Debitage	Com	Undif	2	0	0	0	1.3
8	STP	23	40-50 cm	0		Debitage	Com	Undif	3	0	0	0	1.4
9	STP	23	40-50 cm	0		Debitage	Com	Undif	1	0	0	0	0.5
10	STP	12	0-10 cm	0		Debitage	Com	Undif	2	0	0	0	1.1
11	STP	18	10-20 cm	0		Debitage	Com	Undif	1	0	0	0	0.5
12	STP	18	40-50 cm	0		Debitage	Com	Undif	1	0	0	0	1.6
13	STP	17	20-30 cm	0		Debitage	Com	Undif	1	0	0	0	0.1
14	STP	17	20-30 cm	0		Faunal	Com	Bone	1	0	0	0	0.5
15	STP	17	30-40 cm	0		Faunal	Com	Bone	1	0	0	0	0.3
16	STP	17	40-50 cm	0		Debitage	Com	Undif	3	0	0	0	0.2
17	STP	17	40-50 cm	0		Faunal	Com	Bone	1	0	0	0	0.1
18	STP	18	50-60 cm	0		Debitage	Com	Undif	2	0	0	0	1
19	STP	16	30-40 cm	0		Ground stone	Frag	Granitic	1	0	0	0	199.6
20	STP	16	30-40 cm	0		Faunal	Com	Bone	1	0	0	0	1
21	STP	16	20-30 cm	0		Faunal	Com	Bone	1	0	0	0	0.6
22	STP	16	20-30 cm	0		Debitage	Com	Undif	2	0	0	0	3.6
23	STP	16	10-20 cm	0		Faunal	Com	Bone	1	0	0	0	0.3
24	STP	16	0-10 cm	0		Debitage	Com	Undif	1	0	0	0	2
25	STP	19	0-10 cm	0		Debitage	Com	Undif	1	0	0	0	0.05
26	STP	19	30-40 cm	0		Debitage	Com	Undif	3	0	0	0	0.2
27	STP	15	30-40 cm	0		Debitage	Com	Undif	1	0	0	0	3.1
28	STP	15	50-60 cm	0		Debitage	Com	Undif	1	0	0	0	0.1
29	STP	14	0-10 cm	0		Debitage	Com	Undif	1	0	0	0	2.6
30	STP	14	10-20 cm	0		Debitage	Com	Undif	1	0	0	0	5.1
31	STP	14	20-30 cm	0		Debitage	Com	Undif	3	0	0	0	1.1
32	STP	14	30-40 cm	0		Debitage	Com	Undif	4	0	0	0	4
33	STP	14	50-60 cm	0		Debitage	Com	Undif	2	0	0	0	0.5
34	STP	14	40-50 cm	0		Debitage	Com	Undif	1	0	0	0	0.05
35	STP	14	60-70 cm	0		Debitage	Com	Undif	1	0	0	0	0.2
36	STP	3	30-40 cm	0		Debitage	Com	Undif	1	0	0	0	0.2
37	STP	3	50-60 cm	0		Debitage	Com	Undif	1	0	0	0	0.1
38	STP	7	10-20 cm	0		Debitage	Com	Undif	1	0	0	0	5.6
39	STP	7	50-60 cm	0		Debitage	Com	Undif	1	0	0	0	1.9
40	STP	7	30-40 cm	0		Debitage	Com	Undif	2	0	0	0	4.3
41	STP	7	20-30 cm	0		Debitage	Com	Undif	1	0	0	0	0.2
42	STP	7	20-30 cm	0		Faunal	Com	Bone	1	0	0	0	0.1

CAT #	UNIT TYPE	UNIT	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	PORTION	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
43	STP	5	10-20 cm	0		Debitage	Com	Undif	1	0	0	0	0.05
44	STP	4	20-30 cm	0		Debitage	Com	Undif	1	0	0	0	0.4
45	STP	8	20-30 cm	0		Debitage	Com	Undif	1	0	0	0	0.5
46	STP	12	40-50 cm	0		Faunal	Com	Bone	1	0	0	0	0.5
47	STP	12	40-50 cm	0		Debitage	Com	Undif	1	0	0	0	0.05
48	STP	12	20-30 cm	0		Debitage	Com	Undif	2	0	0	0	0.2
49	STP	13	20-30 cm	0		Debitage	Com	Undif	1	0	0	0	0.6
50	STP	13	30-40 cm	0		Debitage	Com	Undif	1	0	0	0	0.9
51	STP	13	40-50 cm	0		Debitage	Com	Undif	2	0	0	0	1.4
52	STP	9	10-20 cm	0		Debitage	Com	Undif	2	0	0	0	2.5
53	STP	9	20-30 cm	0		Debitage	Com	Undif	1	0	0	0	0.1
54	STP	9	30-40 cm	0		Debitage	Com	Undif	2	0	0	0	0.1
55	STP	9	40-50 cm	0		Debitage	Com	Undif	1	0	0	0	0.5
56	STP	9	50-60 cm	0		Debitage	Com	Undif	1	0	0	0	1.5
57	STP	9	50-60 cm	0		Faunal	Com	Bone	1	0	0	0	0.1
58	STP	11	10-20 cm	0		Debitage	Com	Undif	2	0	0	0	1.3
59	STP	11	10-20 cm	0		Biface	Com	Quartz	1	29.1	25.5	9.2	7.4
60	STP	11	10-20 cm	0		Faunal	Com	Bone	1	0	0	0	0.3
61	STP	11	20-30 cm	0		Debitage	Com	Undif	3	0	0	0	1.8

CAT #	UNIT TYPE	PROVENIENC	UNIT	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	PORTION	MATERIAL	QUAN	LENGTH	WIDTH	THICKNESS	WEIGHT
1	Unit		1	20-30 cm	0		Debitage	Com	Metavolcanic	1	0	0	0	4.6
2	Unit		1	60-70 cm	0		Debitage	Com	Metavolcanic	2	0	0	0	1.6
3	Unit		1	10-20 cm	0		Debitage	Com	Metavolcanic	2	0	0	0	6.7
4	Unit		1	60-70 cm	0		Faunal	Frag	Bone	1	0	0	0	1.2
5	Unit		1	30-40 cm	0		Debitage	Com	Undif	3	0	0	0	1.6
6	Unit		1	5-60 cm	0		Debitage	Com	Undif	2	0	0	0	0.8
7	Unit		1	40-50 cm	0		Debitage	Com	Undif	3	0	0	0	7.9
8	Surface	Adjacent to STP 12	0	Surface	0	1	Debitage	Com	Metavolcanic	1	0	0	0	4.3
9	Surface		0	Surface	0	2	Debitage	Com	Metavolcanic	1	0	0	0	33.2

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CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1218	Unit	0N/24W	0	-24	0-10 cm	0	0	Historic	Metal	1	0	0	0	0
1219	Unit	0N/24W	0	-24	0-10 cm	0	0	Debitage	Andesite	1	0	0	0	0.2
1220	Unit	0N/24W	0	-24	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
1221	Unit	0N/24W	0	-24	10-20 cm	0	0	Historic	Metal	1	0	0	0	0
1222	Unit	0N/24W	0	-24	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1223	Unit	0N/24W	0	-24	10-20 cm	0	0	Debitage	Andesite	3	0	0	0	2
1224	Unit	0N/24W	0	-24	10-20 cm	0	0	Flake tool	Andesite	1	3.8	2.3	1	7.5
1225	Unit	0N/24W	0	-24	10-20 cm	0	0	Flake tool	Andesite	1	2.5	1.5	0.5	1.8
1226	Unit	0N/24W	0	-24	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	5
1227	Unit	0N/24W	0	-24	20-30 cm	0	0	Debitage	Felsite	1	0	0	0	0.3
1228	Unit	0N/24W	0	-24	20-30 cm	0	0	Debitage	Quartz	1	0	0	0	0.5
1229	Unit	0N/24W	0	-24	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1230	Unit	0N/24W	0	-24	40-50 cm	0	0	Debitage	Felsite	1	0	0	0	1.2
1231	Unit	12S/24W	-12	-24	0-10 cm	0	0	Debitage	Felsite	3	0	0	0	2.4
1232	Unit	12S/24W	-12	-24	0-10 cm	0	0	Debitage	Andesite	1	0	0	0	0.5
1233	Unit	12S/24W	-12	-24	10-20 cm	0	0	Floral	Acorn	1	0	0	0	0
1234	Unit	12S/24W	-12	-24	10-20 cm	0	0	Debitage	Felsite	6	0	0	0	1
1235	Unit	12S/24W	-12	-24	10-20 cm	0	0	Debitage	Andesite	3	0	0	0	0.9
1236	Unit	12S/24W	-12	-24	10-20 cm	0	0	Debitage	Cryptocryst	2	0	0	0	0.2
1237	Unit	12S/24W	-12	-24	20-30 cm	0	0	Debitage	Quartz	2	0	0	0	0.1
1238	Unit	12S/24W	-12	-24	20-30 cm	0	0	Debitage	Cryptocryst	6	0	0	0	8.6
1239	Unit	12S/24W	-12	-24	20-30 cm	0	0	Debitage	Felsite	4	0	0	0	13.5
1240	Unit	12S/24W	-12	-24	20-30 cm	0	0	Debitage	Andesite	1	0	0	0	0.3
1241	Unit	12S/24W	-12	-24	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
1242	Unit	12S/24W	-12	-24	30-40 cm	0	0	Debitage	Andesite	1	0	0	0	1
1243	Unit	12S/24W	-12	-24	30-40 cm	0	0	Debitage	Cryptocryst	2	0	0	0	4.6
1244	Unit	12S/24W	-12	-24	40-50 cm	0	0	Debitage	Andesite	1	0	0	0	4
1245	Unit	12S/24W	-12	-24	40-50 cm	0	0	Debitage	Quartz	1	0	0	0	0.5
1246	Unit	12S/24W	-12	-24	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
1247	Unit	12S/24W	-12	-24	50-60 cm	0	0	Debitage	Felsite	1	0	0	0	3.7
1248	Unit	35S/60W	-35	-60	0-10 cm	0	0	Faunal	Bone	2	0	0	0	2.4
1249	Unit	35S/60W	-35	-60	0-10 cm	0	0	Debitage	Andesite	3	0	0	0	1.6
1250	Unit	35S/60W	-35	-60	0-10 cm	0	0	Debitage	Felsite	5	0	0	0	4
1251	Unit	35S/60W	-35	-60	0-10 cm	0	0	Debitage	Quartz	3	0	0	0	11.9
1252	Unit	35S/60W	-35	-60	0-10 cm	0	0	Debitage	Cryptocryst	3	0	0	0	2.7
1253	Unit	35S/60W	-35	-60	0-10 cm	0	0	Faunal	Bone	13	0	0	0	0.5
1254	Unit	35S/60W	-35	-60	10-20 cm	0	0	Hammer	Granitic	1	9.4	6.3	5.5	347.1
1255	Unit	35S/60W	-35	-60	10-20 cm	0	0	Flake tool	Felsite	1	4.1	2.9	0.8	12.4
1256	Unit	35S/60W	-35	-60	10-20 cm	0	0	Flake tool	Andesite	1	3.4	2.4	1.4	8.4
1257	Unit	35S/60W	-35	-60	10-20 cm	0	0	Debitage	Andesite	17	0	0	0	15.5
1258	Unit	35S/60W	-35	-60	10-20 cm	0	0	Debitage	Felsite	14	0	0	0	15.5
1259	Unit	35S/60W	-35	-60	10-20 cm	0	0	Debitage	Cryptocryst	4	0	0	0	0.5

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1260	Unit	35S/60W	-35	-60	10-20 cm	0	0	Debitage	Quartz	2	0	0	0	3.5
1261	Unit	35S/60W	-35	-60	10-20 cm	0	0	Faunal	Bone	13	0	0	0	2
1262	Unit	35S/60W	-35	-60	20-30 cm	0	0	Floral	Acorn	1	0	0	0	0
1263	Unit	35S/60W	-35	-60	20-30 cm	0	0	Faunal	Bone tool	1	1.4	0.5	0.5	0.1
1264	Unit	35S/60W	-35	-60	20-30 cm	0	0	Core	Andesite	1	2.5	1.8	1.2	5.1
1265	Unit	35S/60W	-35	-60	20-30 cm	0	0	Debitage	Quartz	2	0	0	0	5.1
1266	Unit	35S/60W	-35	-60	20-30 cm	0	0	Debitage	Cryptocryst	9	0	0	0	0.4
1267	Unit	35S/60W	-35	-60	20-30 cm	0	0	Debitage	Felsite	11	0	0	0	4.5
1268	Unit	35S/60W	-35	-60	20-30 cm	0	0	Debitage	Andesite	37	0	0	0	25.1
1269	Unit	35S/60W	-35	-60	20-30 cm	0	0	Faunal	Bone	53	0	0	0	5.4
1270	Unit	35S/60W	-35	-60	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1271	Unit	35S/60W	-35	-60	30-40 cm	0	0	Floral	Acorn	1	0	0	0	0
1272	Unit	35S/60W	-35	-60	30-40 cm	0	0	Faunal	Antler	2	0	0	0	0
1273	Unit	35S/60W	-35	-60	30-40 cm	0	0	Debitage	Quartz	4	0	0	0	2.4
1274	Unit	35S/60W	-35	-60	30-40 cm	0	0	Debitage	Felsite	15	0	0	0	14.4
1275	Unit	35S/60W	-35	-60	30-40 cm	0	0	Debitage	Cryprocryst	3	0	0	0	3.7
1276	Unit	35S/60W	-35	-60	30-40 cm	0	0	Debitage	Andesite	21	0	0	0	10.9
1277	Unit	35S/60W	-35	-60	30-40 cm	0	0	Faunal	Bone	81	0	0	0	10
1278	Unit	35S/60W	-35	-60	40-50 cm	0	0	Flake tool	Andesite	1	5.8	4	1.5	38.4
1279	Unit	35S/60W	-35	-60	40-50 cm	0	0	Floral	Acorn	1	0	0	0	0
1280	Unit	35S/60W	-35	-60	40-50 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1281	Unit	35S/60W	-35	-60	40-50 cm	0	0	Debitage	Cryptocryst	4	0	0	0	2
1282	Unit	35S/60W	-35	-60	40-50 cm	0	0	Debitage	Felsite	18	0	0	0	87.4
1283	Unit	35S/60W	-35	-60	40-50 cm	0	0	Debitage	Andesite	15	0	0	0	11.2
1284	Unit	35S/60W	-35	-60	40-50 cm	0	0	Faunal	Bone	46	0	0	0	8.7
1285	Unit	35S/60W	-35	-60	50-60 cm	0	0	Mano	Metavolcanic	1	7.4	4.4	4.5	212
1286	Unit	35S/60W	-35	-60	50-60 cm	0	0	Mano	Metavolcanic	1	7.5	5.1	4.1	225.9
1287	Unit	35S/60W	-35	-60	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	3.8
1288	Unit	35S/60W	-35	-60	50-60 cm	0	0	Debitage	Andesite	14	0	0	0	433
1289	Unit	35S/60W	-35	-60	50-60 cm	0	0	Debitage	Felsite	11	0	0	0	3.2
1290	Unit	35S/60W	-35	-60	50-60 cm	0	0	Debitage	Cryptocryst	5	0	0	0	0.7
1291	Unit	35S/60W	-35	-60	50-60 cm	0	0	Faunal	Bone	71	0	0	0	10
1292	Unit	35S/60W	-35	-60	60-70 cm	0	0	Faunal	Bone tool	1	2.1	1.1	0.4	0.8
1293	Unit	35S/60W	-35	-60	60-70 cm	0	0	Faunal	Bone tool	1	1.6	0.5	0.3	0.3
1294	Unit	35S/60W	-35	-60	60-70 cm	0	0	Faunal	Bone tool	1	2.7	0.6	0.4	0.7
1295	Unit	35S/60W	-35	-60	60-70 cm	0	0	Debitage	Quartz	2	0	0	0	0.4
1296	Unit	35S/60W	-35	-60	60-70 cm	0	0	Debitage	Cryptocryst	3	0	0	0	0.8
1297	Unit	35S/60W	-35	-60	60-70 cm	0	0	Debitage	Felsite	20	0	0	0	12.1
1298	Unit	35S/60W	-35	-60	60-70 cm	0	0	Debitage	Andesite	13	0	0	0	8.8
1299	Unit	35S/60W	-35	-60	60-70 cm	0	0	Faunal	Bone	41	0	0	0	9.9
1300	Unit	35S/60W	-35	-60	70-80 cm	0	0	Faunal	Shaped Bone	1	0	0	0	0.3
1301	Unit	35S/60W	-35	-60	70-80 cm	0	0	Debitage	Cryptocryst	6	0	0	0	3.5

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1302	Unit	35S/60W	-35	-60	70-80 cm	0	0	Debitage	Andesite	17	0	0	0	33
1303	Unit	35S/60W	-35	-60	70-80 cm	0	0	Debitage	Felsite	22	0	0	0	17.4
1304	Unit	35S/60W	-35	-60	70-80 cm	0	0	Faunal	Bone	24	0	0	0	5
1305	Unit	35S/60W	-35	-60	80-90 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1306	Unit	35S/60W	-35	-60	80-90 cm	0	0	Debitage	Felsite	6	0	0	0	1.1
1307	Unit	35S/60W	-35	-60	80-90 cm	0	0	Debitage	Cryptocryst	2	0	0	0	0.3
1308	Unit	35S/60W	-35	-60	80-90 cm	0	0	Debitage	Andesite	6	0	0	0	2.7
1309	Unit	35S/60W	-35	-60	80-90 cm	0	0	Faunal	Bone	10	0	0	0	3.6
1310	Unit	35S/60W	-35	-60	90-100 cm	0	0	Debitage	Felsite	3	0	0	0	5.6
1311	Unit	35S/60W	-35	-60	90-100 cm	0	0	Debitage	Andesite	1	0	0	0	0.2
1312	Unit	26S/60W	-26	-60	0-10 cm	0	0	Mano	Gabbro	1	5.7	5	4.4	183.2
1313	Unit	26S/60W	-26	-60	0-10 cm	0	0	Historic	Unknown	2	0	0	0	0
1314	Unit	26S/60W	-26	-60	0-10 cm	0	0	Core	Quartz	1	3.4	2.4	1.7	18
1315	Unit	26S/60W	-26	-60	0-10 cm	0	0	Historic	Glass	1	0	0	0	0
1316	Unit	26S/60W	-26	-60	0-10 cm	0	0	Debitage	Cryptocryst	3	0	0	0	5
1317	Unit	26S/60W	-26	-60	0-10 cm	0	0	Debitage	Felsite	15	0	0	0	13.2
1318	Unit	26S/60W	-26	-60	0-10 cm	0	0	Debitage	Andesite	10	0	0	0	11.8
1319	Unit	26S/60W	-26	-60	0-10 cm	0	0	Faunal	Bone	20	0	0	0	4.7
1320	Unit	26S/60W	-26	-60	10-20 cm	0	0	Mano	Granitic	1	5.9	3.5	1.7	48.6
1321	Unit	26S/60W	-26	-60	10-20 cm	0	0	Historic	Metal	5	0	0	0	0
1322	Unit	26S/60W	-26	-60	10-20 cm	0	0	Ochre	Ochre	1	0	0	0	0.5
1323	Unit	26S/60W	-26	-60	10-20 cm	0	0	Faunal	Bone tool	1	1.1	0.4	0.2	0.1
1324	Unit	26S/60W	-26	-60	10-20 cm	0	0	Debitage	Quartz	4	0	0	0	1.3
1325	Unit	26S/60W	-26	-60	10-20 cm	0	0	Debitage	Cryptocryst	6	0	0	0	2.5
1326	Unit	26S/60W	-26	-60	10-20 cm	0	0	Debitage	Andesite	30	0	0	0	20.3
1327	Unit	26S/60W	-26	-60	10-20 cm	0	0	Debitage	Felsite	21	0	0	0	8.9
1328	Unit	26S/60W	-26	-60	10-20 cm	0	0	Faunal	Bone	61	0	0	0	9
1329	Unit	26S/60W	-26	-60	20-30 cm	0	0	Core/Hammer	Andesite	1	4	2.8	1.9	21
1330	Unit	26S/60W	-26	-60	20-30 cm	0	0	Debitage	Quartz	3	0	0	0	0.8
1331	Unit	26S/60W	-26	-60	20-30 cm	0	0	Debitage	Cryptocryst	4	0	0	0	0.9
1332	Unit	26S/60W	-26	-60	20-30 cm	0	0	Debitage	Andesite	19	0	0	0	15.8
1333	Unit	26S/60W	-26	-60	20-30 cm	0	0	Debitage	Felsite	21	0	0	0	9.5
1334	Unit	26S/60W	-26	-60	20-30 cm	0	0	Faunal	Bone	69	0	0	0	9.8
1335	Unit	26S/60W	-26	-60	30-40 cm	0	0	Faunal	Polished Bone	1	0	0	0	0.1
1336	Unit	26S/60W	-26	-60	30-40 cm	0	0	Flake tool	Andesite	1	3.2	3	1	8.1
1337	Unit	26S/60W	-26	-60	30-40 cm	0	0	Debitage	Andesite	24	0	0	0	6.6
1338	Unit	26S/60W	-26	-60	30-40 cm	0	0	Debitage	Cryptocryst	6	0	0	0	1.2
1339	Unit	26S/60W	-26	-60	30-40 cm	0	0	Debitage	Felsite	19	0	0	0	38
1340	Unit	26S/60W	-26	-60	30-40 cm	0	0	Debitage	Quartz	2	0	0	0	0.4
1341	Unit	26S/60W	-26	-60	30-40 cm	0	0	Faunal	Bone	70	0	0	0	9.8
1342	Unit	26S/60W	-26	-60	40-50 cm	0	0	Faunal	Bone	3	0	0	0	1.7
1343	Unit	26S/60W	-26	-60	40-50 cm	0	0	Debitage	Andesite	16	0	0	0	6.1

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1344	Unit	26S/60W	-26	-60	40-50 cm	0	0	Debitage	Felsite	21	0	0	0	24.5
1345	Unit	26S/60W	-26	-60	40-50 cm	0	0	Debitage	Chalcedoney	1	0	0	0	0.5
1346	Unit	26S/60W	-26	-60	40-50 cm	0	0	Debitage	Quartz	4	0	0	0	0.8
1347	Unit	26S/60W	-26	-60	40-50 cm	0	0	Debitage	Cryptocryst	7	0	0	0	4.2
1348	Unit	26S/60W	-26	-60	40-50 cm	0	0	Faunal	Bone	78	0	0	0	10.6
1349	Unit	26S/60W	-26	-60	50-60 cm	0	0	Core	Andesite	1	4.7	3.8	3.2	67.2
1350	Unit	26S/60W	-26	-60	50-60 cm	0	0	Historic	Graphite	1	0	0	0	1.6
1351	Unit	26S/60W	-26	-60	50-60 cm	0	0	Debitage	Quartz	3	0	0	0	2
1352	Unit	26S/60W	-26	-60	50-60 cm	0	0	Debitage	Felsite	17	0	0	0	7.9
1353	Unit	26S/60W	-26	-60	50-60 cm	0	0	Debitage	Andesite	8	0	0	0	24.3
1354	Unit	26S/60W	-26	-60	50-60 cm	0	0	Faunal	Bone	1	0	0	0	0.1
1355	Unit	26S/60W	-26	-60	50-60 cm	0	0	Debitage	Andesite	45	0	0	0	6
1356	Unit	26S/60W	-26	-60	60-70 cm	0	0	Ground stone	Granitic	1	5	3.3	1.2	27
1357	Unit	26S/60W	-26	-60	60-70 cm	0	0	Scraper	Quartz	1	1.5	0.8	0.5	0.6
1358	Unit	26S/60W	-26	-60	60-70 cm	0	0	Scraper	Cryptocryst	1	1.2	1.1	0.3	0.4
1359	Unit	26S/60W	-26	-60	60-70 cm	0	0	Faunal	Bone tool	1	1.5	0.7	0.4	0.5
1360	Unit	26S/60W	-26	-60	60-70 cm	0	0	Debitage	Quartz	5	0	0	0	3
1361	Unit	26S/60W	-26	-60	60-70 cm	0	0	Debitage	Cryptocryst	4	0	0	0	1.2
1362	Unit	26S/60W	-26	-60	60-70 cm	0	0	Debitage	Felsite	22	0	0	0	30.2
1363	Unit	26S/60W	-26	-60	60-70 cm	0	0	Debitage	Andesite	29	0	0	0	5.6
1364	Unit	26S/60W	-26	-60	60-70 cm	0	0	Faunal	Bone	55	0	0	0	2.9
1365	Unit	26S/60W	-26	-60	70-80 cm	0	0	Faunal	Shaped Bone	1	1.6	1.6	0.2	0.2
1366	Unit	26S/60W	-26	-60	70-80 cm	0	0	Faunal	Polished Bone	1	1.3	0.3	0	0.2
1367	Unit	26S/60W	-26	-60	70-80 cm	0	0	Debitage	Felsite	25	0	0	0	10
1368	Unit	26S/60W	-26	-60	70-80 cm	0	0	Debitage	Quartz	3	0	0	0	0.9
1369	Unit	26S/60W	-26	-60	70-80 cm	0	0	Debitage	Andesite	19	0	0	0	23.4
1370	Unit	26S/60W	-26	-60	70-80 cm	0	0	Debitage	Cryptocryst	2	0	0	0	0.3
1371	Unit	26S/60W	-26	-60	70-80 cm	0	0	Faunal	Bone	21	0	0	0	4.1
1372	Unit	26S/60W	-26	-60	80-90 cm	0	0	Debitage	Quartz	1	0	0	0	11
1373	Unit	26S/60W	-26	-60	80-90 cm	0	0	Debitage	Felsite	10	0	0	0	2.3
1374	Unit	26S/60W	-26	-60	80-90 cm	0	0	Debitage	Cryptocryst	5	0	0	0	1.7
1375	Unit	26S/60W	-26	-60	80-90 cm	0	0	Faunal	Bone	3	0	0	0	0.2
1376	Unit	35S/48W	-35	-48	0-10 cm	0	0	Modern	Foil	1	0	0	0	0.1
1377	Unit	35S/48W	-35	-48	0-10 cm	0	0	Debitage	Quartz	2	0	0	0	0.3
1378	Unit	35S/48W	-35	-48	0-10 cm	0	0	Debitage	Andesite	3	0	0	0	2
1379	Unit	35S/48W	-35	-48	0-10 cm	0	0	Debitage	Felsite	4	0	0	0	1.5
1380	Unit	35S/48W	-35	-48	0-10 cm	0	0	Faunal	Bone	1	0	0	0	0.2
1381	Unit	35S/48W	-35	-48	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1382	Unit	35S/48W	-35	-48	10-20 cm	0	0	Mano	Granitic	1	6.1	3	2.7	75.6
1383	Unit	35S/48W	-35	-48	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1384	Unit	35S/48W	-35	-48	10-20 cm	0	0	Debitage	Andesite	7	0	0	0	12.6
1385	Unit	35S/48W	-35	-48	10-20 cm	0	0	Debitage	Felsite	13	0	0	0	66.5

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1386	Unit	35S/48W	-35	-48	10-20 cm	0	0	Faunal	Bone	2	0	0	0	0.2
1387	Unit	35S/48W	-35	-48	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.6
1388	Unit	35S/48W	-35	-48	20-30 cm	0	0	Debitage	Quartz	5	0	0	0	1.5
1389	Unit	35S/48W	-35	-48	20-30 cm	0	0	Debitage	Andesite	8	0	0	0	11.7
1390	Unit	35S/48W	-35	-48	20-30 cm	0	0	Debitage	Felsite	13	0	0	0	11.7
1391	Unit	35S/48W	-35	-48	20-30 cm	0	0	Debitage	Cryptocryst	4	0	0	0	1.6
1392	Unit	35S/48W	-35	-48	20-30 cm	0	0	Faunal	Bone	6	0	0	0	1
1393	Unit	35S/48W	-35	-48	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
1394	Unit	35S/48W	-35	-48	30-40 cm	0	0	Metate	Granitic	1	7.3	5.9	2.4	154.3
1395	Unit	35S/48W	-35	-48	30-40 cm	0	0	Ground stone	Granitic	1	8.3	3.5	1.6	66.3
1396	Unit	35S/48W	-35	-48	30-40 cm	0	0	Debitage	Felsite	21	0	0	0	8
1397	Unit	35S/48W	-35	-48	30-40 cm	0	0	Debitage	Quartz	4	0	0	0	1.7
1398	Unit	35S/48W	-35	-48	30-40 cm	0	0	Debitage	Andesite	8	0	0	0	5
1399	Unit	35S/48W	-35	-48	30-40 cm	0	0	Debitage	Cryptocryst	1	0	0	0	1.3
1400	Unit	35S/48W	-35	-48	30-40 cm	0	0	Faunal	Bone	3	0	0	0	0.3
1401	Unit	35S/48W	-35	-48	40-50 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1402	Unit	35S/48W	-35	-48	40-50 cm	0	0	Debitage	Felsite	23	0	0	0	14.3
1403	Unit	35S/48W	-35	-48	40-50 cm	0	0	Debitage	Andesite	9	0	0	0	3.4
1404	Unit	35S/48W	-35	-48	50-60 cm	0	0	Core	Felsite	1	3	2	1	6.5
1405	Unit	35S/48W	-35	-48	50-60 cm	0	0	Scraper	Cryptocryst	1	3.1	2.2	1.4	6.9
1406	Unit	35S/48W	-35	-48	50-60 cm	0	0	Debitage	Felsite	23	0	0	0	5
1407	Unit	35S/48W	-35	-48	50-60 cm	0	0	Debitage	Chalcedoney	1	0	0	0	0.1
1408	Unit	35S/48W	-35	-48	50-60 cm	0	0	Debitage	Andesite	9	0	0	0	7.7
1409	Unit	35S/48W	-35	-48	50-60 cm	0	0	Debitage	Cryptocryst	2	0	0	0	0.6
1410	Unit	35S/48W	-35	-48	50-60 cm	0	0	Debitage	Quartz	3	0	0	0	0.3
1411	Unit	35S/48W	-35	-48	50-60 cm	0	0	Faunal	Bone	5	0	0	0	0.8
1412	Unit	35S/48W	-35	-48	50-60 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1413	Unit	35S/48W	-35	-48	60-70 cm	0	0	Debitage	Andesite	4	0	0	0	2.1
1414	Unit	35S/48W	-35	-48	60-70 cm	0	0	Debitage	Felsite	3	0	0	0	0.4
1415	Unit	35S/48W	-35	-48	60-70 cm	0	0	Debitage	Quartz	2	0	0	0	0.3
1416	Unit	35S/48W	-35	-48	70-80 cm	0	0	Debitage	Felsite	3	0	0	0	0.4
1417	Unit	48S/48W	-48	-48	0-10 cm	0	0	Debitage	Cryptocryst	1	0	0	0	0.1
1418	Unit	48S/48W	-48	-48	0-10 cm	0	0	Debitage	Andesite	7	0	0	0	9.1
1419	Unit	48S/48W	-48	-48	0-10 cm	0	0	Debitage	Felsite	3	0	0	0	0.4
1420	Unit	48S/48W	-48	-48	10-20 cm	0	0	Historic	Glass	2	0	0	0	0
1421	Unit	48S/48W	-48	-48	10-20 cm	0	0	Debitage	Cryptocryst	8	0	0	0	2.1
1422	Unit	48S/48W	-48	-48	10-20 cm	0	0	Debitage	Quartz	2	0	0	0	1.3
1423	Unit	48S/48W	-48	-48	10-20 cm	0	0	Debitage	Andesite	11	0	0	0	10.3
1424	Unit	48S/48W	-48	-48	10-20 cm	0	0	Debitage	Felsite	18	0	0	0	13.2
1425	Unit	48S/48W	-48	-48	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1426	Unit	48S/48W	-48	-48	20-30 cm	0	0	Historic	Glass	1	0	0	0	0
1427	Unit	48S/48W	-48	-48	20-30 cm	0	0	Debitage	Andesite	12	0	0	0	9.1

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1428	Unit	48S/48W	-48	-48	20-30 cm	0	0	Debitage	Cryptocryst	5	0	0	0	4.3
1429	Unit	48S/48W	-48	-48	20-30 cm	0	0	Debitage	Quartz	3	0	0	0	0.5
1430	Unit	48S/48W	-48	-48	20-30 cm	0	0	Debitage	Felsite	20	0	0	0	12.6
1431	Unit	48S/48W	-48	-48	20-30 cm	0	0	Debitage	Ceramic	3	0	0	0	1.9
1432	Unit	48S/48W	-48	-48	20-30 cm	0	0	Faunal	Bone	2	0	0	0	0.1
1433	Unit	48S/48W	-48	-48	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	2.2
1434	Unit	48S/48W	-48	-48	30-40 cm	0	0	Historic	Glass	1	0	0	0	0
1435	Unit	48S/48W	-48	-48	30-40 cm	0	0	Mano	Andesite	1	4.1	3.3	1.3	16.7
1436	Unit	48S/48W	-48	-48	30-40 cm	0	0	Debitage	Cryptocryst	2	0	0	0	0.3
1437	Unit	48S/48W	-48	-48	30-40 cm	0	0	Debitage	Felsite	6	0	0	0	2.7
1438	Unit	48S/48W	-48	-48	30-40 cm	0	0	Debitage	Andesite	12	0	0	0	3.2
1439	Unit	48S/48W	-48	-48	30-40 cm	0	0	Debitage	Quartz	3	0	0	0	11.6
1440	Unit	48S/48W	-48	-48	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1441	Unit	48S/48W	-48	-48	40-50 cm	0	0	Mano	Metavolcanic	1	2.8	2.8	1.7	13.2
1442	Unit	48S/48W	-48	-48	40-50 cm	0	0	Mano	Granitic	1	5.2	4.8	2.9	77.3
1443	Unit	48S/48W	-48	-48	40-50 cm	0	0	Debitage	Andesite	3	0	0	0	3.2
1444	Unit	48S/48W	-48	-48	40-50 cm	0	0	Debitage	Felsite	11	0	0	0	3.9
1445	Unit	48S/48W	-48	-48	40-50 cm	0	0	Debitage	Cryptocryst	2	0	0	0	0.1
1446	Unit	48S/48W	-48	-48	40-50 cm	0	0	Faunal	Bone	1	0	0	0	0.1
1447	Unit	48S/48W	-48	-48	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.6
1448	Unit	48S/48W	-48	-48	50-60 cm	0	0	Debitage	Felsite	9	0	0	0	5.3
1449	Unit	48S/48W	-48	-48	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1450	Unit	48S/48W	-48	-48	50-60 cm	0	0	Debitage	Andesite	2	0	0	0	1.3
1451	Unit	48S/48W	-48	-48	50-60 cm	0	0	Debitage	Cryptocryst	2	0	0	0	1
1452	Unit	48S/48W	-48	-48	60-70 cm	0	0	Debitage	Cryptocryst	2	0	0	0	3.9
1453	Unit	48S/48W	-48	-48	60-70 cm	0	0	Debitage	Felsite	8	0	0	0	8.2
1454	Unit	48S/48W	-48	-48	70-80 cm	0	0	Metate	Granitic	1	8.6	7.7	2.5	249
1455	Unit	48S/48W	-48	-48	70-80 cm	0	0	Debitage	Felsite	7	0	0	0	5
1456	Unit	48S/48W	-48	-48	70-80 cm	0	0	Debitage	Cryptocryst	2	0	0	0	0.4
1457	Unit	48S/48W	-48	-48	70-80 cm	0	0	Debitage	Andesite	2	0	0	0	4
1458	Unit	48S/48W	-48	-48	70-80 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1459	Unit	48S/48W	-48	-48	80-90 cm	0	0	Debitage	Felsite	4	0	0	0	2.9
1460	Unit	48S/48W	-48	-48	80-90 cm	0	0	Debitage	Andesite	1	0	0	0	2.2
1461	Unit	48S/48W	-48	-48	90-100 cm	0	0	Debitage	Andesite	2	0	0	0	1.6
1462	Unit	48S/48W	-48	-48	90-100 cm	0	0	Debitage	Felsite	7	0	0	0	5.6
1463	Unit	48S/48W	-48	-48	90-100 cm	0	0	Debitage	Cryptocryst	3	0	0	0	1
1464	Unit	48S/48W	-48	-48	100-110 cm	0	0	Debitage	Felsite	3	0	0	0	1.7
1465	Unit	48S/48W	-48	-48	110-120 cm	0	0	Core/Hammer	Andesite	1	5.8	4.7	3.5	86
1466	Unit	48S/48W	-48	-48	110-120 cm	0	0	Debitage	Felsite	1	0	0	0	0.4
1467	Unit	60S/59W	-60	-59	0-10 cm	0	0	Historic	Metal Wire	1	0	0	0	0
1468	Unit	60S/59W	-60	-59	0-10 cm	0	0	Historic	Glass	2	0	0	0	0
1469	Unit	60S/59W	-60	-59	0-10 cm	0	0	Debitage	Felsite	4	0	0	0	0.9

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1470	Unit	60S/59W	-60	-59	0-10 cm	0	0	Debitage	Andesite	9	0	0	0	7.9
1471	Unit	60S/59W	-60	-59	0-10 cm	0	0	Debitage	Chalcedoney	1	0	0	0	0.1
1472	Unit	60S/59W	-60	-59	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1473	Unit	60S/59W	-60	-59	10-20 cm	0	0	Ground stone	Granitic	1	10.2	4.9	4.4	320.8
1474	Unit	60S/59W	-60	-59	10-20 cm	0	0	Ground stone	Granitic	1	6	5	4.4	158.2
1475	Unit	60S/59W	-60	-59	10-20 cm	0	0	Debitage	Felsite	9	0	0	0	1.9
1476	Unit	60S/59W	-60	-59	10-20 cm	0	0	Debitage	Cryptocryst	5	0	0	0	1.6
1477	Unit	60S/59W	-60	-59	10-20 cm	0	0	Debitage	Andesite	8	0	0	0	6.6
1478	Unit	60S/59W	-60	-59	10-20 cm	0	0	Historic	Glass	2	0	0	0	0
1479	Unit	60S/59W	-60	-59	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1480	Unit	60S/59W	-60	-59	20-30 cm	0	0	Historic	Glass	2	0	0	0	0
1481	Unit	60S/59W	-60	-59	20-30 cm	0	0	Debitage	Andesite	10	0	0	0	9.7
1482	Unit	60S/59W	-60	-59	20-30 cm	0	0	Debitage	Chalcedoney	1	0	0	0	0.1
1483	Unit	60S/59W	-60	-59	20-30 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1484	Unit	60S/59W	-60	-59	20-30 cm	0	0	Debitage	Cryptocryst	3	0	0	0	0.3
1485	Unit	60S/59W	-60	-59	20-30 cm	0	0	Debitage	Felsite	10	0	0	0	2.9
1486	Unit	60S/59W	-60	-59	20-30 cm	0	0	Faunal	Bone	2	0	0	0	0.4
1487	Unit	60S/59W	-60	-59	30-40 cm	0	0	Historic	Metal	1	0	0	0	0
1488	Unit	60S/59W	-60	-59	30-40 cm	0	0	Core	Andesite	1	3	2.4	1.4	8.6
1489	Unit	60S/59W	-60	-59	30-40 cm	0	0	Debitage	Felsite	23	0	0	0	7
1490	Unit	60S/59W	-60	-59	30-40 cm	0	0	Debitage	Andesite	11	0	0	0	3.4
1491	Unit	60S/59W	-60	-59	30-40 cm	0	0	Debitage	Cryptocryst	3	0	0	0	1.7
1492	Unit	60S/59W	-60	-59	30-40 cm	0	0	Debitage	Quartz	5	0	0	0	0.5
1493	Unit	60S/59W	-60	-59	30-40 cm	0	0	Faunal	Bone	2	0	0	0	0.3
1494	Unit	60S/59W	-60	-59	40-50 cm	0	0	Core	Felsite	1	1.8	1.6	1.3	3.8
1495	Unit	60S/59W	-60	-59	40-50 cm	0	0	Ground stone	Granitic	1	7.9	4.6	2.6	93.5
1496	Unit	60S/59W	-60	-59	40-50 cm	0	0	Ground stone	Granitic	1	4.8	3.2	2.4	34.5
1497	Unit	60S/59W	-60	-59	40-50 cm	0	0	Debitage	Felsite	14	0	0	0	9.2
1498	Unit	60S/59W	-60	-59	40-50 cm	0	0	Debitage	Quartz	5	0	0	0	0.7
1499	Unit	60S/59W	-60	-59	40-50 cm	0	0	Debitage	Cryptocryst	1	0	0	0	5.8
1621	Unit	60S/59W	-60	-59	40-50 cm	0	0	Debitage	Andesite	13	0	0	0	8.9
1622	Unit	60S/59W	-60	-59	40-50 cm	0	0	Faunal	Bone	1	0	0	0	0.1
1623	Unit	60S/59W	-60	-59	50-60 cm	0	0	Debitage	Andesite	20	0	0	0	5.1
1624	Unit	60S/59W	-60	-59	50-60 cm	0	0	Debitage	Quartz	4	0	0	0	8.7
1625	Unit	60S/59W	-60	-59	50-60 cm	0	0	Debitage	Felsite	10	0	0	0	11.2
1626	Unit	60S/59W	-60	-59	50-60 cm	0	0	Faunal	Bone	1	0	0	0	0.1
1627	Unit	60S/59W	-60	-59	50-60 cm	0	0	Faunal	Bone	1	0	0	0	3.5
1628	Unit	60S/59W	-60	-59	60-70 cm	0	0	Debitage	Felsite	8	0	0	0	4.7
1629	Unit	60S/59W	-60	-59	60-70 cm	0	0	Debitage	Andesite	8	0	0	0	13.5
1630	Unit	60S/59W	-60	-59	60-70 cm	0	0	Debitage	Quartz	2	0	0	0	0.8
1631	Unit	60S/59W	-60	-59	60-70 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1632	Unit	60S/59W	-60	-59	60-70 cm	0	0	Floral	Seed	1	0	0	0	0

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1633	Unit	60S/59W	-60	-59	70-80 cm	0	0	Debitage	Felsite	3	0	0	0	0.1
1634	Unit	60S/59W	-60	-59	70-80 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1635	Unit	60S/59W	-60	-59	70-80 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.1
1636	Unit	60S/59W	-60	-59	70-80 cm	0	0	Debitage	Andesite	13	0	0	0	3.4
1637	Unit	60S/59W	-60	-59	80-90 cm	0	0	Core	Cryprocryst	1	2.6	2.1	1.2	5.6
1638	Unit	60S/59W	-60	-59	80-90 cm	0	0	Debitage	Andesite	3	0	0	0	2.3
1639	Unit	60S/59W	-60	-59	80-90 cm	0	0	Debitage	Quartz	3	0	0	0	1.2
1640	Unit	12S/48W	-12	-48	0-10 cm	0	0	Debitage	Quartz	8	0	0	0	3.9
1641	Unit	12S/48W	-12	-48	0-10 cm	0	0	Debitage	Andesite	12	0	0	0	9.4
1642	Unit	12S/48W	-12	-48	0-10 cm	0	0	Debitage	Felsite	4	0	0	0	0.6
1643	Unit	12S/48W	-12	-48	0-10 cm	0	0	Native Ceramic	Ceramic	1	0	0	0	0.3
1644	Unit	12S/48W	-12	-48	0-10 cm	0	0	Faunal	Bone	5	0	0	0	1.5
1645	Unit	12S/48W	-12	-48	10-20 cm	0	0	Debitage	Andesite	14	0	0	0	31
1646	Unit	12S/48W	-12	-48	10-20 cm	0	0	Debitage	Felsite	8	0	0	0	4.6
1647	Unit	12S/48W	-12	-48	10-20 cm	0	0	Native Ceramic	Ceramic	1	0	0	0	0.2
1648	Unit	12S/48W	-12	-48	10-20 cm	0	0	Faunal	Bone	2	0	0	0	0.1
1649	Unit	12S/48W	-12	-48	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1650	Unit	12S/48W	-12	-48	20-30 cm	0	0	Core/Hammer	Andesite	1	5.9	3.7	2.1	70.1
1651	Unit	12S/48W	-12	-48	20-30 cm	0	0	Debitage	Andesite	16	0	0	20.2	0
1652	Unit	12S/48W	-12	-48	20-30 cm	0	0	Debitage	Felsite	8	0	0	5.4	0
1653	Unit	12S/48W	-12	-48	20-30 cm	0	0	Debitage	Quartz	3	0	0	1.9	0
1654	Unit	12S/48W	-12	-48	20-30 cm	0	0	Faunal	Bone	12	0	0	2.5	0
1655	Unit	12S/48W	-12	-48	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0.1	0
1656	Unit	12S/48W	-12	-48	30-40 cm	0	0	Ground stone	Granitic	1	5.1	4	2	39.9
1657	Unit	12S/48W	-12	-48	30-40 cm	0	0	Abrader	Metavolcanic	1	3.2	1.2	0.6	2.4
1658	Unit	12S/48W	-12	-48	30-40 cm	0	0	Debitage	Cryprocryst	5	0	0	0.6	0
1659	Unit	12S/48W	-12	-48	30-40 cm	0	0	Debitage	Andesite	25	0	0	52.8	0
1660	Unit	12S/48W	-12	-48	30-40 cm	0	0	Debitage	Felsite	18	0	0	6.9	0
1661	Unit	12S/48W	-12	-48	30-40 cm	0	0	Faunal	Bone	24	0	0	2.2	0
1662	Unit	12S/48W	-12	-48	40-50 cm	0	0	Debitage	Granitic	1	0	0	25.6	0
1663	Unit	12S/48W	-12	-48	40-50 cm	0	0	Debitage	Felsite	17	0	0	0	4.5
1664	Unit	12S/48W	-12	-48	40-50 cm	0	0	Debitage	Andesite	23	0	0	0	41.5
1665	Unit	12S/48W	-12	-48	40-50 cm	0	0	Debitage	Cryprocryst	3	0	0	0	0.1
1666	Unit	12S/48W	-12	-48	40-50 cm	0	0	Debitage	Quartz	3	0	0	0	1
1667	Unit	12S/48W	-12	-48	40-50 cm	0	0	Faunal	Bone	25	0	0	0	3
1668	Unit	12S/48W	-12	-48	50-60 cm	0	0	Core	Cryprocryst	1	1.7	1.6	1.3	3
1669	Unit	12S/48W	-12	-48	50-60 cm	0	0	Debitage	Quartz	2	0	0	0	31.4
1670	Unit	12S/48W	-12	-48	50-60 cm	0	0	Debitage	Andesite	20	0	0	0	5.3
1671	Unit	12S/48W	-12	-48	50-60 cm	0	0	Debitage	Felsite	10	0	0	0	9.5
1672	Unit	12S/48W	-12	-48	50-60 cm	0	0	Debitage	Obsidian	1	0	0	0	0.1
1673	Unit	12S/48W	-12	-48	50-60 cm	0	0	Debitage	Cryprocryst	4	0	0	0	0.5
1674	Unit	12S/48W	-12	-48	50-60 cm	0	0	Faunal	Bone	17	0	0	0	0.9

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKN	WEIGHT
1675	Unit	12S/48W	-12	-48	60-70 cm	0	0	Debitage	Andesite	15	0	0	0	10
1676	Unit	12S/48W	-12	-48	60-70 cm	0	0	Debitage	Felsite	9	0	0	0	3.5
1677	Unit	12S/48W	-12	-48	60-70 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.5
1678	Unit	12S/48W	-12	-48	60-70 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
1679	Unit	12S/48W	-12	-48	70-80 cm	0	0	Debitage	Andesite	14	0	0	0	11.7
1680	Unit	12S/48W	-12	-48	70-80 cm	0	0	Debitage	Felsite	5	0	0	0	2.6
1681	Unit	12S/48W	-12	-48	70-80 cm	0	0	Debitage	Quartz	2	0	0	0	1.4
1682	Unit	12S/48W	-12	-48	70-80 cm	0	0	Debitage	Cryprocryst	1	0	0	0	1.6
1683	Unit	12S/48W	-12	-48	70-80 cm	0	0	Faunal	Bone	8	0	0	0	1.1
1684	Unit	12S/48W	-12	-48	80-90 cm	0	0	Debitage	Andesite	2	0	0	0	1.1
1685	Unit	12S/48W	-12	-48	80-90 cm	0	0	Debitage	Felsite	4	0	0	0	1
1686	Unit	12S/48W	-12	-48	80-90 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
1687	Unit	24S/48W	-24	-48	0-10 cm	0	0	Core	Felsite	1	5.6	5.1	3.2	92.1
1688	Unit	24S/48W	-24	-48	0-10 cm	0	0	Debitage	Andesite	1	0	0	0	0.9
1689	Unit	24S/48W	-24	-48	10-20 cm	0	0	Faunal	Bone tool	1	1.5	1.1	0.4	0.4
1690	Unit	24S/48W	-24	-48	10-20 cm	0	0	Debitage	Andesite	5	0	0	0	22
1691	Unit	24S/48W	-24	-48	10-20 cm	0	0	Debitage	Quartz	2	0	0	0	8.4
1692	Unit	24S/48W	-24	-48	20-30 cm	0	0	Ground stone	Granitic	1	6.4	5	3.4	49.1
1693	Unit	24S/48W	-24	-48	20-30 cm	0	0	Debitage	Andesite	6	0	0	0	6.6
1694	Unit	24S/48W	-24	-48	20-30 cm	0	0	Debitage	Felsite	8	0	0	0	8.8
1695	Unit	24S/48W	-24	-48	30-40 cm	0	0	Core	Andesite	1	5	4.6	3.3	88.5
1696	Unit	24S/48W	-24	-48	30-40 cm	0	0	Debitage	Andesite	18	0	0	0	14.1
1697	Unit	24S/48W	-24	-48	30-40 cm	0	0	Debitage	Felsite	5	0	0	0	10.3
1698	Unit	24S/48W	-24	-48	30-40 cm	0	0	Debitage	Cryprocryst	5	0	0	0	2.3
1699	Unit	24S/48W	-24	-48	30-40 cm	0	0	Debitage	Quartz	1	0	0	0	2.3
1700	Unit	24S/48W	-24	-48	30-40 cm	0	0	Faunal	Bone	3	0	0	0	1
1701	Unit	24S/48W	-24	-48	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.8
1702	Unit	24S/48W	-24	-48	40-50 cm	0	0	Ground stone	Diorite	1	2.8	1.7	0.9	4.9
1703	Unit	24S/48W	-24	-48	40-50 cm	0	0	Debitage	Andesite	10	0	0	0	14.3
1704	Unit	24S/48W	-24	-48	40-50 cm	0	0	Debitage	Felsite	8	0	0	0	5.4
1705	Unit	24S/48W	-24	-48	40-50 cm	0	0	Debitage	Quartz	3	0	0	0	1.5
1706	Unit	24S/48W	-24	-48	40-50 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.1
1707	Unit	24S/48W	-24	-48	40-50 cm	0	0	Faunal	Bone	6	0	0	0	1
1708	Unit	24S/48W	-24	-48	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1709	Unit	24S/48W	-24	-48	50-60 cm	0	0	Core	Felsite	1	1.5	1.3	0.8	1.2
1710	Unit	24S/48W	-24	-48	50-60 cm	0	0	Debitage	Andesite	18	0	0	0	20
1711	Unit	24S/48W	-24	-48	50-60 cm	0	0	Debitage	Felsite	7	0	0	0	2.8
1712	Unit	24S/48W	-24	-48	50-60 cm	0	0	Debitage	Cryprocryst	4	0	0	0	1.1
1713	Unit	24S/48W	-24	-48	50-60 cm	0	0	Debitage	Quartz	4	0	0	0	1.8
1714	Unit	24S/48W	-24	-48	50-60 cm	0	0	Faunal	Bone	5	0	0	0	0
1715	Unit	24S/48W	-24	-48	60-70 cm	0	0	Core	Cryprocryst	1	4.1	3.3	1.5	14.2
1716	Unit	24S/48W	-24	-48	60-70 cm	0	0	Debitage	Andesite	6	0	0	0	5

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1717	Unit	24S/48W	-24	-48	60-70 cm	0	0	Debitage	Felsite	8	0	0	0	3.2
1718	Unit	24S/48W	-24	-48	60-70 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.2
1719	Unit	24S/48W	-24	-48	60-70 cm	0	0	Debitage	Quartz	1	0	0	0	0.3
1720	Unit	24S/48W	-24	-48	60-70 cm	0	0	Faunal	Bone	5	0	0	0	1.4
1721	Unit	24S/48W	-24	-48	70-80 cm	0	0	Debitage	Andesite	8	0	0	0	16.6
1722	Unit	24S/48W	-24	-48	70-80 cm	0	0	Debitage	Felsite	7	0	0	0	2.6
1723	Unit	24S/48W	-24	-48	70-80 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.9
1724	Unit	24S/48W	-24	-48	70-80 cm	0	0	Faunal	Bone	3	0	0	0	0.8
1725	Unit	24S/48W	-24	-48	80-90 cm	0	0	Debitage	Andesite	3	0	0	0	1.3
1726	Unit	24S/48W	-24	-48	80-90 cm	0	0	Debitage	Felsite	1	0	0	0	0.1
1727	Unit	24S/48W	-24	-48	80-90 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.1
1728	Unit	24S/48W	-24	-48	80-90 cm	0	0	Faunal	Bone	1	0	0	0	0.1
1750	Unit	0S/96W	0	-96	0-10 cm	0	0	Debitage	Felsite	1	0	0	0	1
1751	Unit	0S/96W	0	-96	10-20 cm	0	0	Debitage	Andesite	2	0	0	0	0.8
1752	Unit	0S/96W	0	-96	20-30 cm	0	0	Debitage	Felsite	7	0	0	0	1.6
1753	Unit	0S/96W	0	-96	20-30 cm	0	0	Debitage	Quartz	2	0	0	0	0.1
1754	Unit	0S/96W	0	-96	20-30 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.3
1755	Unit	0S/96W	0	-96	20-30 cm	0	0	Debitage	Andesite	6	0	0	0	0.3
1756	Unit	0S/96W	0	-96	20-30 cm	0	0	Faunal	Bone	3	0	0	0	0.3
1757	Unit	0S/96W	0	-96	30-40 cm	0	0	Debitage	Chert	2	0	0	0	1.7
1758	Unit	0S/96W	0	-96	30-40 cm	0	0	Debitage	Felsite	2	0	0	0	0.6
1759	Unit	0S/96W	0	-96	30-40 cm	0	0	Debitage	Andesite	9	0	0	0	4.7
1760	Unit	0S/96W	0	-96	30-40 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1761	Unit	0S/96W	0	-96	30-40 cm	0	0	Faunal	Bone	2	0	0	0	0.2
1762	Unit	0S/96W	0	-96	40-50 cm	0	0	Core	Andesite	1	4.6	2.5	1.7	10.8
1763	Unit	0S/96W	0	-96	40-50 cm	0	0	Debitage	Felsite	3	0	0	0	0.8
1764	Unit	0S/96W	0	-96	40-50 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.2
1765	Unit	0S/96W	0	-96	40-50 cm	0	0	Debitage	Andesite	10	0	0	0	4.8
1766	Unit	0S/96W	0	-96	40-50 cm	0	0	Faunal	Bone	1	0	0	0	0.1
1767	Unit	0S/96W	0	-96	50-60 cm	0	0	Debitage	Felsite	5	0	0	0	2.1
1768	Unit	0S/96W	0	-96	50-60 cm	0	0	Debitage	Andesite	2	0	0	0	0.4
1769	Unit	0S/96W	0	-96	50-60 cm	0	0	Debitage	Quartz	3	0	0	0	0.6
1774	Unit	47N/60W	47	-60	0-10 cm	0	0	Debitage	Felsite	1	0	0	0	0.3
1775	Unit	47N/60W	47	-60	10-20 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.3
1776	Unit	47N/60W	47	-60	10-20 cm	0	0	Debitage	Andesite	1	0	0	0	0.9
1777	Unit	47N/60W	47	-60	10-20 cm	0	0	Debitage	Felsite	2	0	0	0	4.3
1778	Unit	47N/60W	47	-60	30-40 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1779	Unit	36N/52W	36	-52	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.6
1780	Unit	36N/52W	36	-52	20-30 cm	0	0	Floral	Acorn	1	0	0	0	0
1781	Unit	36N/52W	36	-52	20-30 cm	0	0	Debitage	Andesite	1	0	0	0	0.2
1782	Unit	36N/52W	36	-52	20-30 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1783	Unit	36N/52W	36	-52	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	1.4

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1784	Unit	36N/52W	36	-52	30-35 cm	0	0	Debitage	Andesite	1	0	0	0	1.6
1785	Unit	36N/52W	36	-52	30-35 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
1786	Unit	11S/95W	-11	-95	0-10 cm	0	0	Historic	Tin Can	1	0	0	0	0
1787	Unit	11S/95W	-11	-95	0-10 cm	0	0	Debitage	Quartz	1	0	0	0	0.3
1788	Unit	11S/95W	-11	-95	0-10 cm	0	0	Debitage	Felsite	1	0	0	0	0.6
1789	Unit	11S/95W	-11	-95	10-20 cm	0	0	Historic	Tin Can	1	0	0	0	0
1790	Unit	11S/95W	-11	-95	10-20 cm	0	0	Debitage	Felsite	1	0	0	0	0.5
1791	Unit	11S/95W	-11	-95	10-20 cm	0	0	Debitage	Andesite	1	0	0	0	0.5
1792	Unit	11S/95W	-11	-95	10-20 cm	0	0	Faunal	Bone	4	0	0	0	0.1
1793	Unit	11S/95W	-11	-95	20-30 cm	0	0	Debitage	Quartz	2	0	0	0	1.4
1794	Unit	11S/95W	-11	-95	20-30 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.1
1795	Unit	11S/95W	-11	-95	20-30 cm	0	0	Debitage	Andesite	1	0	0	0	0.1
1796	Unit	11S/95W	-11	-95	20-30 cm	0	0	Debitage	Felsite	4	0	0	0	3.6
1797	Unit	11S/95W	-11	-95	20-30 cm	0	0	Faunal	Shell	3	0	0	0	0.1
1798	Unit	11S/95W	-11	-95	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1799	Unit	11S/95W	-11	-95	30-40 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.2
1800	Unit	11S/95W	-11	-95	30-40 cm	0	0	Debitage	Andesite	4	0	0	0	2.8
1801	Unit	11S/95W	-11	-95	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1802	Unit	11S/95W	-11	-95	40-50 cm	0	0	Debitage	Quartz	2	0	0	0	0.3
1803	Unit	11S/95W	-11	-95	40-50 cm	0	0	Debitage	Cryprocryst	1	0	0	0	1.2
1804	Unit	11S/95W	-11	-95	40-50 cm	0	0	Debitage	Felsite	1	0	0	0	0.6
1805	Unit	11S/95W	-11	-95	40-50 cm	0	0	Debitage	Andesite	2	0	0	0	2.4
1806	Unit	11S/95W	-11	-95	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.9
1807	Unit	11S/95W	-11	-95	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	1.3
1808	Unit	11S/95W	-11	-95	50-60 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.7
1809	Unit	11S/95W	-11	-95	50-60 cm	0	0	Debitage	Andesite	3	0	0	0	4
1810	Unit	11S/95W	-11	-95	50-60 cm	0	0	Debitage	Felsite	1	0	0	0	0.4
1811	Unit	11S/95W	-11	-95	50-60 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1812	Unit	11S/95W	-11	-95	60-70 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.1
1813	Unit	11S/95W	-11	-95	60-70 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
1814	Unit	11S/95W	-11	-95	60-70 cm	0	0	Debitage	Andesite	3	0	0	0	1.7
1815	Unit	11S/95W	-11	-95	60-70 cm	0	0	Faunal	Bone	1	0	0	0	0.1
1816	Unit	11S/95W	-11	-95	60-70 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1817	Unit	11S/95W	-11	-95	70-80 cm	0	0	Debitage	Felsite	1	0	0	0	0.5
1818	Unit	11S/95W	-11	-95	70-80 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1819	Unit	12S/84W	-12	-84	0-10 cm	0	0	Historic	Glass	1	0	0	0	0
1820	Unit	12S/84W	-12	-84	0-10 cm	0	0	Historic	Bullet Casing	2	0	0	0	0
1821	Unit	12S/84W	-12	-84	0-10 cm	0	0	Modern	Asphalt	1	0	0	0	0
1822	Unit	12S/84W	-12	-84	0-10 cm	0	0	Debitage	Quartz	4	0	0	0	0.9
1823	Unit	12S/84W	-12	-84	0-10 cm	0	0	Debitage	Felsite	4	0	0	0	1.1
1824	Unit	12S/84W	-12	-84	0-10 cm	0	0	Debitage	Andesite	8	0	0	0	4.5
1825	Unit	12S/84W	-12	-84	0-10 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.1

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1826	Unit	12S/84W	-12	-84	0-10 cm	0	0	Ochre	Ochre	1	0	0	0	4.1
1827	Unit	12S/84W	-12	-84	0-10 cm	0	0	Native Ceramic	Ceramic	1	0	0	0	0.5
1828	Unit	12S/84W	-12	-84	0-10 cm	0	0	Faunal	Bone	16	0	0	0	2.7
1829	Unit	12S/84W	-12	-84	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
1830	Unit	12S/84W	-12	-84	10-20 cm	0	0	Historic	Bullet Casing	1	0	0	0	0
1831	Unit	12S/84W	-12	-84	10-20 cm	0	0	Spall	Metavolcanic	1	6.2	4	0.9	4.7
1832	Unit	12S/84W	-12	-84	10-20 cm	0	0	Hammer	Metavolcanic	1	6.3	4	2.5	43.6
1833	Unit	12S/84W	-12	-84	10-20 cm	0	0	Debitage	Quartz	5	0	0	0	0.7
1834	Unit	12S/84W	-12	-84	10-20 cm	0	0	Debitage	Cryprocryst	4	0	0	0	2.3
1835	Unit	12S/84W	-12	-84	10-20 cm	0	0	Debitage	Felsite	6	0	0	0	2.1
1836	Unit	12S/84W	-12	-84	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	41.4
1837	Unit	12S/84W	-12	-84	10-20 cm	0	0	Debitage	Andesite	15	0	0	0	6.9
1838	Unit	12S/84W	-12	-84	10-20 cm	0	0	Faunal	Bone	16	0	0	0	4.7
1839	Unit	12S/84W	-12	-84	20-30 cm	0	0	Historic	Metal	1	0	0	0	0
1840	Unit	12S/84W	-12	-84	20-30 cm	0	0	Debitage	Quartz	5	0	0	0	2.3
1841	Unit	12S/84W	-12	-84	20-30 cm	0	0	Debitage	Andesite	20	0	0	0	87
1842	Unit	12S/84W	-12	-84	20-30 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0
1843	Unit	12S/84W	-12	-84	20-30 cm	0	0	Debitage	Felsite	1	0	0	0	0.4
1844	Unit	12S/84W	-12	-84	20-30 cm	0	0	Faunal	Bone	1	0	0	0	5.3
1845	Unit	12S/84W	-12	-84	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.8
1846	Unit	24N/107W	24	-107	0-10 cm	0	0	Modern	Wire	1	0	0	0	0
1847	Unit	24N/107W	24	-107	0-10 cm	0	0	Debitage	Quartz	1	0	0	0	4.3
1848	Unit	24N/107W	24	-107	0-10 cm	0	0	Debitage	Andesite	1	0	0	0	3.5
1849	Unit	24N/107W	24	-107	0-10 cm	0	0	Faunal	Bone	1	0	0	0	2.5
1850	Unit	24N/107W	24	-107	10-20 cm	0	0	Mano	Granitic	1	9.6	7	3.8	434
1851	Unit	24N/107W	24	-107	10-20 cm	0	0	Mano	Metavolcanic	1	11	8	5.2	696.9
1852	Unit	24N/107W	24	-107	20-30 cm	0	0	Mano	Metavolcanic	1	14	7.8	4.2	738.3
1853	Unit	24N/107W	24	-107	20-30 cm	0	0	Pestle	Metavolcanic	1	11	7.1	5.8	622
1854	Unit	24N/107W	24	-107	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	2.1
1855	Unit	24N/107W	24	-107	30-40 cm	0	0	Mano	Granitic	1	7.4	5.8	4.4	234.9
1856	Unit	24N/107W	24	-107	30-40 cm	0	0	Faunal	Shell	4	0	0	0	0.2
1899	Unit	25N/60W	25	-60	0-10 cm	0	0	Modern	Asphalt	1	0	0	0	0
1900	Unit	25N/60W	25	-60	0-10 cm	0	0	Historic	Glass	9	0	0	0	0
1901	Unit	25N/60W	25	-60	0-10 cm	0	0	Historic	Metal	1	0	0	0	0
1902	Unit	25N/60W	25	-60	0-10 cm	0	0	Debitage	Quartz	1	0	0	0	1.9
1903	Unit	25N/60W	25	-60	0-10 cm	0	0	Debitage	Felsite	1	0	0	0	3.1
1904	Unit	25N/60W	25	-60	0-10 cm	0	0	Debitage	Cryprocryst	1	0	0	0	9.8
1905	Unit	25N/60W	25	-60	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
1906	Unit	25N/60W	25	-60	10-20 cm	0	0	Historic	Glass	12	0	0	0	0
1907	Unit	25N/60W	25	-60	10-20 cm	0	0	Historic	Metal	1	0	0	0	0
1908	Unit	25N/60W	25	-60	10-20 cm	0	0	Historic	Chalk	1	0	0	0	0
1909	Unit	25N/60W	25	-60	10-20 cm	0	0	Debitage	Felsite	1	0	0	0	4.4

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1910	Unit	25N/60W	25	-60	10-20 cm	0	0	Faunal	Bone	8	0	0	0	4.5
1911	Unit	25N/60W	25	-60	20-30 cm	0	0	Historic	Metal	1	0	0	0	0
1912	Unit	25N/60W	25	-60	20-30 cm	0	0	Faunal	Bone	1	0	0	0	0.6
1913	Unit	25N/60W	25	-60	30-40 cm	0	0	Historic	Metal	1	0	0	0	0
1914	Unit	25N/60W	25	-60	30-40 cm	0	0	Mano	Granitic	1	0	0	0	83.8
1915	Unit	25N/60W	25	-60	30-40 cm	0	0	Debitage	Quartz	1	0	0	0	0.5
1916	Unit	25N/60W	25	-60	30-40 cm	0	0	Debitage	Felsite	3	0	0	0	1.4
1917	Unit	25N/60W	25	-60	30-40 cm	0	0	Debitage	Andesite	7	0	0	0	2.7
1918	Unit	36S/84W	-36	-84	0-10 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.8
1919	Unit	36S/84W	-36	-84	0-10 cm	0	0	Debitage	Felsite	3	0	0	0	0.8
1920	Unit	36S/84W	-36	-84	0-10 cm	0	0	Debitage	Andesite	4	0	0	0	4.6
1921	Unit	36S/84W	-36	-84	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
1922	Unit	36S/84W	-36	-84	10-20 cm	0	0	Debitage	Andesite	8	0	0	0	8.3
1923	Unit	36S/84W	-36	-84	10-20 cm	0	0	Debitage	Felsite	8	0	0	0	6.9
1924	Unit	36S/84W	-36	-84	10-20 cm	0	0	Faunal	Bone	2	0	0	0	0.9
1925	Unit	36S/84W	-36	-84	20-30 cm	0	0	Debitage	Quartz	3	0	0	0	0.1
1926	Unit	36S/84W	-36	-84	20-30 cm	0	0	Debitage	Andesite	6	0	0	0	2.7
1927	Unit	36S/84W	-36	-84	20-30 cm	0	0	Debitage	Felsite	6	0	0	0	3.3
1928	Unit	36S/84W	-36	-84	20-30 cm	0	0	Pebble	Andesite	1	0	0	0	3.5
1929	Unit	36S/84W	-36	-84	30-40 cm	0	0	Debitage	Andesite	3	0	0	0	1.4
1930	Unit	36S/84W	-36	-84	30-40 cm	0	0	Debitage	Felsite	7	0	0	0	6.9
1931	Unit	36S/84W	-36	-84	30-40 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1932	Unit	36S/84W	-36	-84	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.5
1933	Unit	36S/84W	-36	-84	30-40 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.2
1934	Unit	11N/96W	11	-96	0-10 cm	0	0	Modern	Foil	1	0	0	0	0
1935	Unit	11N/96W	11	-96	0-10 cm	0	0	Faunal	Egg shells	1	0	0	0	0
1936	Unit	11N/96W	11	-96	0-10 cm	0	0	Floral	Acorn	1	0	0	0	0
1937	Unit	11N/96W	11	-96	0-10 cm	0	0	Debitage	Quartz	2	0	0	0	0.3
1938	Unit	11N/96W	11	-96	0-10 cm	0	0	Debitage	Quartzite	1	0	0	0	0.2
1939	Unit	11N/96W	11	-96	0-10 cm	0	0	Debitage	Felsite	2	0	0	0	6.8
1940	Unit	11N/96W	11	-96	0-10 cm	0	0	Debitage	Andesite	2	0	0	0	2.3
1941	Unit	11N/96W	11	-96	0-10 cm	0	0	Debitage	Charcoal	1	0	0	0	0.1
1942	Unit	11N/96W	11	-96	10-20 cm	0	0	Floral	Walnut	2	0	0	0	0
1943	Unit	11N/96W	11	-96	10-20 cm	0	0	Floral	Seed	1	0	0	0	0
1944	Unit	11N/96W	11	-96	10-20 cm	0	0	Debitage	Quartz	3	0	0	0	0.4
1945	Unit	11N/96W	11	-96	10-20 cm	0	0	Debitage	Felsite	1	0	0	0	0.1
1946	Unit	11N/96W	11	-96	10-20 cm	0	0	Debitage	Volcanic	1	0	0	0	0.6
1947	Unit	11N/96W	11	-96	10-20 cm	0	0	Faunal	Bone	6	0	0	0	0.8
1948	Unit	11N/96W	11	-96	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	3.1
1949	Unit	11N/96W	11	-96	20-30 cm	0	0	Core	Andesite	1	1.7	2.1	1.6	11.5
1950	Unit	11N/96W	11	-96	20-30 cm	0	0	Core	Andesite	1	2.8	2.6	1.5	12
1951	Unit	11N/96W	11	-96	20-30 cm	0	0	Core	Cryprocryst	1	5.3	3.2	3.3	62.2

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKN	WEIGHT
1952	Unit	11N/96W	11	-96	20-30 cm	0	0	Debitage	Andesite	1	5.3	4.1	1.9	32.2
1953	Unit	11N/96W	11	-96	20-30 cm	0	0	Debitage	Felsite	1	4.9	3.1	1.8	2.2
1954	Unit	11N/96W	11	-96	20-30 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.3
1955	Unit	11N/96W	11	-96	20-30 cm	0	0	Debitage	Andesite	4	0	0	0	1.6
1956	Unit	11N/96W	11	-96	20-30 cm	0	0	Debitage	Felsite	2	0	0	0.8	0.3
1957	Unit	11N/96W	11	-96	20-30 cm	0	0	Faunal	Bone	3	0	0	1	1.4
1958	Unit	11N/96W	11	-96	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0.9	0.6
1959	Unit	11N/96W	11	-96	30-40 cm	0	0	Pebble	Andesite	1	2.1	1.3	0.1	2.8
1960	Unit	11N/96W	11	-96	30-40 cm	0	0	Ground stone	Schist	1	10	1.5	0	2.1
1961	Unit	11N/96W	11	-96	30-40 cm	0	0	Flake tool	Andesite	1	3.9	3.3	0	12.1
1962	Unit	11N/96W	11	-96	30-40 cm	0	0	Debitage	Felsite	1	3.3	2.9	0	6.3
1963	Unit	11N/96W	11	-96	30-40 cm	0	0	Debitage	Andesite	4	0	0	0	0.5
1964	Unit	11N/96W	11	-96	30-40 cm	0	0	Debitage	Volcanic	1	0	0	0	0.3
1965	Unit	11N/96W	11	-96	40-50 cm	0	0	Mano	Granitic	1	3.8	3.4	2.1	30
1966	Unit	11N/96W	11	-96	40-50 cm	0	0	Pebble	Andesite	1	1.6	0.9	0.4	0.2
1967	Unit	11N/96W	11	-96	40-50 cm	0	0	Debitage	Quartz	3	0	0	0	0.6
1968	Unit	11N/96W	11	-96	40-50 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.3
1969	Unit	11N/96W	11	-96	40-50 cm	0	0	Debitage	Felsite	3	0	0	0	0.1
1970	Unit	11N/96W	11	-96	40-50 cm	0	0	Debitage	Andesite	12	0	0	0	9.6
1971	Unit	11N/96W	11	-96	50-60 cm	0	0	Manuport	Tourmaline	1	0	0	0	1
1972	Unit	11N/96W	11	-96	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
1973	Unit	11N/96W	11	-96	50-60 cm	0	0	Faunal	Bone	5	0	0	0	0.1
1974	Unit	11N/96W	11	-96	50-60 cm	0	0	Debitage	Felsite	3	0	0	0	0.7
1975	Unit	11N/96W	11	-96	50-60 cm	0	0	Debitage	Andesite	3	0	0	0	1.3
1976	Unit	11N/96W	11	-96	50-60 cm	0	0	Faunal	Bone	3	0	0	0	1
1977	Unit	11N/96W	11	-96	60-70 cm	0	0	Historic	Plaster	1	0	0	0	0
1978	Unit	11N/96W	11	-96	60-70 cm	0	0	Debitage	Andesite	1	0	0	0	0.5
1979	Unit	11N/96W	11	-96	60-70 cm	0	0	Debitage	Felsite	1	0	0	0	4.5
1980	Unit	11N/96W	11	-96	60-70 cm	0	0	Debitage	Quartz	1	0	0	0	1.4
1981	Unit	11N/96W	11	-96	60-70 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
1982	Unit	5N/47W	5	-47	0-10 cm	0	0	Debitage	Andesite	1	0	0	0	0.1
1983	Unit	5N/47W	5	-47	10-20 cm	0	0	Debitage	Andesite	1	0	0	0	2.1
1984	Unit	5N/47W	5	-47	10-20 cm	0	0	Debitage	Felsite	1	0	0	0	4.6
1985	Unit	5N/47W	5	-47	20-30 cm	0	0	Ground stone	Granitic	1	10	8	3.9	428.9
1986	Unit	5N/47W	5	-47	20-30 cm	0	0	Debitage	Andesite	1	0	0	0	3.2
1987	Unit	5N/47W	5	-47	20-30 cm	0	0	Debitage	Felsite	1	0	0	0	4.5
1988	Unit	5N/47W	5	-47	20-30 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
1989	Unit	5N/47W	5	-47	20-30 cm	0	0	Faunal	Bone	1	0	0	0	0.7
1990	Unit	5N/47W	5	-47	30-40 cm	0	0	Debitage	Felsite	1	0	0	0	2.4
1991	Unit	5N/47W	5	-47	30-40 cm	0	0	Debitage	Andesite	1	0	0	0	4.6
1992	Unit	5N/47W	5	-47	30-40 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.4
1993	Unit	5N/47W	5	-47	30-40 cm	0	0	Core	Cryprocryst	1	3	1.4	0.9	4.6

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
1994	Unit	5N/47W	5	-47	30-40 cm	0	0	Debitage	Quartz	1	3.3	3	1.4	14.9
1995	Unit	5N/47W	5	-47	30-40 cm	0	0	Projectile point	Felsite	1	4.3	2.5	1.2	12.2
1996	Unit	5N/47W	5	-47	40-50 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
1997	Unit	5N/47W	5	-47	40-50 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.1
1998	Unit	5N/47W	5	-47	40-50 cm	0	0	Debitage	Felsite	18	0	0	0	11.9
1999	Unit	5N/47W	5	-47	40-50 cm	0	0	Debitage	Andesite	12	0	0	0	3.9
2000	Unit	5N/47W	5	-47	50-60 cm	0	0	Debitage	Felsite	2	0	0	0	0.4
2001	Unit	5N/47W	5	-47	50-60 cm	0	0	Debitage	Andesite	2	0	0	0	0.5
2002	Unit	12S/84W	-12	-84	30-40 cm	0	0	Debitage	Quartz	1	0	0	0	0.5
2003	Unit	12S/84W	-12	-84	30-40 cm	0	0	Debitage	Andesite	11	0	0	0	2.5
2004	Unit	12S/84W	-12	-84	30-40 cm	0	0	Debitage	Felsite	9	0	0	0	4.1
2005	Unit	12S/84W	-12	-84	30-40 cm	0	0	Faunal	Bone	6	0	0	0	1.3
2006	Unit	12S/84W	-12	-84	40-50 cm	0	0	Mano	Granitic	1	6.2	4.2	3	117
2007	Unit	12S/84W	-12	-84	40-50 cm	0	0	Core	Felsite	1	4.4	3.3	2.3	35.2
2008	Unit	12S/84W	-12	-84	40-50 cm	0	0	Mano	Metavolcanic	1	2.8	2.4	1.3	6.6
2009	Unit	12S/84W	-12	-84	40-50 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.1
2010	Unit	12S/84W	-12	-84	40-50 cm	0	0	Debitage	Quartz	7	0	0	0	1.2
2011	Unit	12S/84W	-12	-84	40-50 cm	0	0	Debitage	Felsite	12	0	0	0	5.9
2012	Unit	12S/84W	-12	-84	40-50 cm	0	0	Faunal	Bone	10	0	0	0	5.1
2013	Unit	12S/84W	-12	-84	40-50 cm	0	0	Faunal	Bone	1	0	0	0	0.1
2014	Unit	12S/84W	-12	-84	40-50 cm	0	0	Debitage	Andesite	70	0	0	0	8
2015	Unit	12S/84W	-12	-84	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	1.5
2016	Unit	12S/84W	-12	-84	50-60 cm	0	0	Core	Felsite	1	5.5	2.9	2.4	44.4
2017	Unit	12S/84W	-12	-84	50-60 cm	0	0	Debitage	Andesite	7	0	0	0	41.9
2018	Unit	12S/84W	-12	-84	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	3.3
2019	Unit	12S/84W	-12	-84	50-60 cm	0	0	Debitage	Quartz	3	0	0	0	0.5
2020	Unit	12S/84W	-12	-84	50-60 cm	0	0	Debitage	Felsite	5	0	0	0	0.8
2021	Unit	12S/84W	-12	-84	50-60 cm	0	0	Debitage	Obsidian	1	0	0	0	0.1
2022	Unit	12S/84W	-12	-84	50-60 cm	0	0	Debitage	Cryprocryst	7	0	0	0	2.3
2023	Unit	12S/84W	-12	-84	50-60 cm	0	0	Faunal	Bone	21	0	0	0	2.7
2024	Unit	12S/84W	-12	-84	50-60 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.4
2025	Unit	12S/84W	-12	-84	60-70 cm	0	0	Debitage	Quartzite	3	0	0	0	3.2
2026	Unit	12S/84W	-12	-84	60-70 cm	0	0	Debitage	Quartz	3	0	0	0	1.5
2027	Unit	12S/84W	-12	-84	60-70 cm	0	0	Ochre	Ochre	2	0	0	0	1.6
2028	Unit	12S/84W	-12	-84	60-70 cm	0	0	Debitage	Felsite	9	0	0	0	2.1
2029	Unit	12S/84W	-12	-84	60-70 cm	0	0	Debitage	Andesite	7	0	0	0	1.7
2030	Unit	12S/84W	-12	-84	60-70 cm	0	0	Faunal	Bone	9	0	0	0	2.1
2031	Unit	12S/84W	-12	-84	70-80 cm	0	0	Debitage	Quartzite	3	0	0	0	2
2032	Unit	12S/84W	-12	-84	70-80 cm	0	0	Debitage	Quartz	3	0	0	0	0.4
2033	Unit	12S/84W	-12	-84	70-80 cm	0	0	Debitage	Andesite	8	0	0	0	2.4
2034	Unit	12S/84W	-12	-84	70-80 cm	0	0	Debitage	Felsite	3	0	0	0	3.4
2035	Unit	12S/84W	-12	-84	70-80 cm	0	0	Faunal	Bone	11	0	0	0	2.5

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2036	Unit	12S/84W	-12	-84	80-90 cm	0	0	Debitage	Quartz	2	0	0	0	0.5
2037	Unit	12S/84W	-12	-84	80-90 cm	0	0	Debitage	Andesite	2	0	0	0	0.6
2038	Unit	12S/84W	-12	-84	80-90 cm	0	0	Faunal	Bone	1	0	0	0	0.1
2039	Unit	12S/84W	-12	-84	90-100 cm	0	0	Debitage	Felsite	2	0	0	0	1.5
2040	Unit	12S/84W	-12	-84	90-100 cm	0	0	Debitage	Andesite	2	0	0	0	1.2
2041	Unit	12S/84W	-12	-84	90-100 cm	0	0	Faunal	Bone	1	0	0	0	0.1
2042	Unit	36N/24W	36	-24	0-10 cm	0	0	Debitage	Quartz	2	0	0	0	3.4
2043	Unit	36N/24W	36	-24	0-10 cm	0	0	Debitage	Andesite	1	0	0	0	0.6
2313	Feature				42	2	1	Mano	Granitic	1	8.8	4.8	4.1	273.3
2314	Feature				46	2	3	Ground stone	Granitic	1	5.7	3.2	2.9	95.1
2315	Feature				43	2	5	Mano	Granitic	1	11.4	6.9	4.4	448.2
2316	Feature				39	2	0	Ground stone	Gabbro	1	5.8	8.7	6.2	471.2
2317	Feature				41	2	A6	Mano	Granitic	1	6.1	7.3	4.4	322.9
2318	Feature				42	2	B1	Scraper	Andesite	1	6.2	4.4	3.4	140
2319	Feature				42	2	B4	Mano	Granitic	1	6.6	8.8	4.9	411.4
2320	Feature				38	2	B8	Metate	Granitic	1	15.3	11.7	7.6	1000
2321	Feature				43	2	B17	Metate	Granitic	1	20.2	14.2	6.4	1000
2322	Feature				43	2	B20	Mano	Granitic	1	5.4	8	4.3	306.7
2323	Feature				37	2	B22	Ground stone	Granitic	1	9	7	6.2	576.7
2324	Feature				38	2	B28	Core	Andesite	1	5.8	4.9	2.7	118.6
2325	Feature				41	2	B29	Hammer	Rhyolite	1	7.7	6.3	3.5	306.2
2326	Feature				42	2	B31	Metate	Granitic	1	22.5	13.9	8.8	1000
2327	Feature				40	2	B35	Mano	Granitic	1	13.2	8.2	4.1	741.1
2328	Feature				45	2	B41	Anvil	Granitic	1	30.8	22.1	14.1	1000
2329	Feature				40	2	B43	Mano	Granitic	1	10.4	8.4	3.8	499.1
2330	Feature				40	2	B46	Cobble	Rhyolite	1	11	8.5	4.4	737.3
2331	Unit	1S/88W	-1	-88	0-10 cm	0	0	Historic	Tile	1	0	0	0	0
2332	Unit	1S/88W	-1	-88	0-10 cm	0	0	Debitage	Andesite	3	0	0	0	3.2
2333	Unit	1S/88W	-1	-88	0-10 cm	0	0	Debitage	Felsite	1	0	0	0	0.3
2334	Unit	1S/88W	-1	-88	0-10 cm	0	0	Faunal	Bone	10	0	0	0	2.1
2335	Unit	1S/88W	-1	-88	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
2336	Unit	1S/88W	-1	-88	10-20 cm	0	0	Modern	Clothes pin	1	0	0	0	0
2337	Unit	1S/88W	-1	-88	10-20 cm	0	0	Debitage	Andesite	11	0	0	0	14.5
2338	Unit	1S/88W	-1	-88	10-20 cm	0	0	Debitage	Felsite	5	0	0	0	1.7
2339	Unit	1S/88W	-1	-88	10-20 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.3
2340	Unit	1S/88W	-1	-88	10-20 cm	0	0	Debitage	Quartz	2	0	0	0	8.9
2341	Unit	1S/88W	-1	-88	10-20 cm	0	0	Faunal	Bone	18	0	0	0	4.2
2342	Unit	1S/88W	-1	-88	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.7
2343	Unit	1S/88W	-1	-88	20-30 cm	0	0	Debitage	Andesite	19	0	0	0	41.2
2344	Unit	1S/88W	-1	-88	20-30 cm	0	0	Debitage	Felsite	13	0	0	0	9.8
2345	Unit	1S/88W	-1	-88	20-30 cm	0	0	Debitage	Quartz	2	0	0	0	1
2346	Unit	1S/88W	-1	-88	20-30 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.5

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2347	Unit	1S/88W	-1	-88	20-30 cm	0	0	Faunal	Bone	47	0	0	0	9.7
2348	Unit	1S/88W	-1	-88	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
2349	Unit	1S/88W	-1	-88	30-40 cm	0	0	Faunal	Bone	3	0	0	0	0.1
2350	Unit	1S/88W	-1	-88	30-40 cm	0	0	Debitage	Andesite	5	0	0	0	20.3
2351	Unit	1S/88W	-1	-88	30-40 cm	0	0	Debitage	Felsite	4	0	0	0	0.9
2352	Unit	1S/88W	-1	-88	30-40 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.4
2353	Unit	1S/88W	-1	-88	30-40 cm	0	0	Faunal	Bone	28	0	0	0	4.8
2354	Unit	1S/88W	-1	-88	40-50 cm	0	0	Debitage	Andesite	4	0	0	0	10.8
2355	Unit	1S/88W	-1	-88	40-50 cm	0	0	Debitage	Felsite	1	0	0	0	2.3
2356	Unit	1S/88W	-1	-88	40-50 cm	0	0	Faunal	Bone	36	0	0	0	8.6
2357	Unit	1S/88W	-1	-88	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
2358	Unit	1S/88W	-1	-88	50-60 cm	0	0	Faunal	Bone	1	0	0	0	0.6
2359	Unit	1S/88W	-1	-88	50-60 cm	0	0	Debitage	Andesite	11	0	0	0	6.3
2360	Unit	1S/88W	-1	-88	50-60 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.3
2361	Unit	1S/88W	-1	-88	50-60 cm	0	0	Debitage	Felsite	2	0	0	0	0.4
2362	Unit	1S/88W	-1	-88	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
2363	Unit	1S/88W	-1	-88	50-60 cm	0	0	Faunal	Bone	18	0	0	0	3.3
2364	Unit	1S/87W	-1	-87	0-10 cm	0	0	Pebble	Volcanic	1	0	0	0	41.8
2365	Unit	1S/87W	-1	-87	0-10 cm	0	0	Debitage	Andesite	3	0	0	0	1.6
2366	Unit	1S/87W	-1	-87	0-10 cm	0	0	Debitage	Quartz	1	0	0	0	0.4
2367	Unit	1S/87W	-1	-87	0-10 cm	0	0	Faunal	Bone	2	0	0	0	0.9
2368	Unit	1S/87W	-1	-87	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
2369	Unit	1S/87W	-1	-87	10-20 cm	0	0	Historic	Metal	1	0	0	0	0
2370	Unit	1S/87W	-1	-87	10-20 cm	0	0	Debitage	Andesite	5	0	0	0	4.3
2371	Unit	1S/87W	-1	-87	10-20 cm	0	0	Debitage	Felsite	7	0	0	0	2.1
2372	Unit	1S/87W	-1	-87	10-20 cm	0	0	Debitage	Chalcedoney	1	0	0	0	0.6
2373	Unit	1S/87W	-1	-87	10-20 cm	0	0	Pebble	Andesite	1	0	0	0	4.6
2374	Unit	1S/87W	-1	-87	10-20 cm	0	0	Faunal	Bone	15	0	0	0	2.8
2375	Unit	1S/87W	-1	-87	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
2376	Unit	1S/87W	-1	-87	20-30 cm	0	0	Flake tool	Quartz	1	0.4	0.7	0.3	0.3
2377	Unit	1S/87W	-1	-87	20-30 cm	0	0	Debitage	Andesite	3	0	0	0	5.7
2378	Unit	1S/87W	-1	-87	20-30 cm	0	0	Debitage	Felsite	2	0	0	0	0.4
2379	Unit	1S/87W	-1	-87	20-30 cm	0	0	Faunal	Bone	34	0	0	0	6.7
2380	Unit	1S/87W	-1	-87	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.5
2381	Unit	1S/87W	-1	-87	30-40 cm	0	0	Projectile Point	Chert	1	3.1	2.3	0.4	3.7
2382	Unit	1S/87W	-1	-87	30-40 cm	0	0	Debitage	Rhyolite	1	0	0	0	8.1
2383	Unit	1S/87W	-1	-87	30-40 cm	0	0	Flake tool	Quartz	1	1.5	1.6	0.7	1.5
2384	Unit	1S/87W	-1	-87	30-40 cm	0	0	Ochre	Ochre	1	0	0	0	0.5
2385	Unit	1S/87W	-1	-87	30-40 cm	0	0	Faunal	Bone	2	0	0	0	1.1
2386	Unit	1S/87W	-1	-87	30-40 cm	0	0	Debitage	Andesite	3	0	0	0	2.2
2387	Unit	1S/87W	-1	-87	30-40 cm	0	0	Debitage	Felsite	2	0	0	0	8
2388	Unit	1S/87W	-1	-87	30-40 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.1

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKN	WEIGHT
2389	Unit	1S/87W	-1	-87	30-40 cm	0	0	Faunal	Bone	39	0	0	0	0
2390	Unit	1S/87W	-1	-87	40-50 cm	0	0	Flake tool	Metavolcanic	1	6.8	4.3	1.7	67.5
2391	Unit	1S/87W	-1	-87	40-50 cm	0	0	Ochre	Ochre	1	0	0	0	0.9
2392	Unit	1S/87W	-1	-87	40-50 cm	0	0	Debitage	Andesite	2	0	0	0	1.4
2393	Unit	1S/87W	-1	-87	40-50 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.2
2394	Unit	1S/87W	-1	-87	40-50 cm	0	0	Debitage	Felsite	2	0	0	0	0.4
2395	Unit	1S/87W	-1	-87	40-50 cm	0	0	Faunal	Bone	41	0	0	0	10.8
2396	Unit	1S/87W	-1	-87	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
2397	Unit	1S/87W	-1	-87	50-60 cm	0	0	Debitage	Andesite	1	0	0	0	0.3
2398	Unit	1S/87W	-1	-87	50-60 cm	0	0	Debitage	Felsite	1	0	0	0	0.3
2399	Unit	1S/87W	-1	-87	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
2574	Unit	18N/74W	18	-74	10-20 cm	0		Historic	Metal	1	0	0	0	0
2575	Unit	18N/74W	18	-74	10-20 cm	0		Modern	Tar	1	0	0	0	0
2576	Unit	18N/74W	18	-74	10-20 cm	0		Debitage	Andesite	7	0	0	0	5.6
2577	Unit	18N/74W	18	-74	10-20 cm	0		Debitage	Felsite	6	0	0	0	2.3
2578	Unit	18N/74W	18	-74	10-20 cm	0		Debitage	Quartz	2	0	0	0	2.4
2579	Unit	18N/74W	18	-74	10-20 cm	0		Faunal	Bone	7	0	0	0	9.1
2580	Unit	18N/74W	18	-74	20-30 cm	0		Modern	Roof Paper	2	0	0	0	0
2581	Unit	18N/74W	18	-74	20-30 cm	0		Debitage	Andesite	5	0	0	0	19.9
2582	Unit	18N/74W	18	-74	20-30 cm	0		Debitage	Cryprocryst	2	0	0	0	0.6
2583	Unit	18N/74W	18	-74	20-30 cm	0		Debitage	Felsite	2	0	0	0	3.9
2584	Unit	18N/74W	18	-74	20-30 cm	0		Debitage	Quartz	1	0	0	0	0.4
2585	Unit	18N/74W	18	-74	20-30 cm	0		Faunal	Bone	1	0	0	0	0.1
2586	Unit	18N/74W	18	-74	30-40 cm	0		Debitage	Andesite	1	0	0	0	96.1
2587	Unit	18N/74W	18	-74	30-40 cm	0		Flake tool	Metavolcanic	1	3.6	2.4	0.8	8.7
2588	Unit	18N/74W	18	-74	30-40 cm	0		Debitage	Andesite	7	0	0	0	5.1
2589	Unit	18N/74W	18	-74	30-40 cm	0		Debitage	Cryprocryst	1	0	0	0	0.1
2590	Unit	18N/74W	18	-74	30-40 cm	0		Debitage	Metavolcanic	1	0	0	0	5.7
2591	Unit	18N/74W	18	-74	30-40 cm	0		Debitage	Felsite	10	0	0	0	7.1
2592	Unit	18N/74W	18	-74	30-40 cm	0		Faunal	Bone	4	0	0	0	0.3
2593	Unit	18N/74W	18	-74	40-50 cm	0		Debitage	Andesite	3	0	0	0	2.2
2594	Unit	18N/74W	18	-74	40-50 cm	0		Debitage	Cryprocryst	1	0	0	0	0.5
2595	Unit	18N/74W	18	-74	40-50 cm	0		Debitage	Felsite	2	0	0	0	15.6
2596	Unit	18N/74W	18	-74	40-50 cm	0		Debitage	Quartz	1	0	0	0	0.4
2597	Unit	18N/74W	18	-74	40-50 cm	0		Faunal	Bone	2	0	0	0	0.3
2598	Unit	18N/74W	18	-74	50-60 cm	0		Debitage	Andesite	7	0	0	0	2.7
2599	Unit	18N/74W	18	-74	50-60 cm	0		Debitage	Cryprocryst	4	0	0	0	1.3
2600	Unit	1S/87W	-1	-87	50-60 cm	0	0	Faunal	Bone	23	0	0	0	6.5
2601	Unit	1S/87W	-1	-87	50-60 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
2602	Unit	24N/96W	24	-96	0-10 cm	0	0	Historic	Bullet Casing	1	0	0	0	0
2603	Unit	24N/96W	24	-96	10-20 cm	0	0	Historic	Bullet Casing	1	0	0	0	0
2604	Unit	24N/96W	24	-96	10-20 cm	0	0	Ochre	Ochre	2	0	0	0	4

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2605	Unit	24N/96W	24	-96	10-20 cm	0	0	Debitage	Andesite	4	0	0	0	1.8
2606	Unit	24N/96W	24	-96	10-20 cm	0	0	Debitage	Felsite	1	0	0	0	1.6
2607	Unit	24N/96W	24	-96	10-20 cm	0	0	Faunal	Bone	1	0	0	0	1.8
2608	Unit	24N/96W	24	-96	20-30 cm	0	0	Core	Andesite	1	2.9	2.1	1.6	7.7
2609	Unit	24N/96W	24	-96	20-30 cm	0	0	Debitage	Andesite	2	0	0	0	1.4
2610	Unit	24N/96W	24	-96	20-30 cm	0	0	Debitage	Felsite	2	0	0	0	1.3
2611	Unit	24N/96W	24	-96	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.4
2612	Unit	24N/96W	24	-96	30-40 cm	0	0	Ochre	Ochre	1	0	0	0	0.7
2613	Unit	24N/96W	24	-96	30-40 cm	0	0	Debitage	Andesite	3	0	0	0	3
2614	Unit	24N/96W	24	-96	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
2615	Unit	24N/96W	24	-96	40-50 cm	0	0	Mano	Gabbro	1	9.7	6.3	4.2	420
2616	Unit	24N/96W	24	-96	40-50 cm	0	0	Debitage	Andesite	1	0	0	0	0.2
2617	Unit	24N/96W	24	-96	40-50 cm	0	0	Debitage	Quartz	1	0	0	0	0
2618	Unit	24N/96W	24	-96	50-60 cm	0	0	Projectile point	Felsite	1	3.8	3.1	0.8	10.5
2619	Unit	24N/96W	24	-96	50-60 cm	0	0	Debitage	Andesite	1	0	0	0	0.8
2620	Unit	24N/96W	24	-96	50-60 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.1
2621	Unit	24N/96W	24	-96	50-60 cm	0	0	Debitage	Felsite	1	0	0	0	0.2
2622	Unit	24N/96W	24	-96	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.8
2623	Unit	24N/96W	24	-96	50-60 cm	0	0	Faunal	Shell	1	0	0	0	0.1
2624	Unit	24N/96W	24	-96	60-70 cm	0	0	Mano	Granitic	1	11.8	9.9	5.9	905.5
2625	Unit	24N/96W	24	-96	60-70 cm	0	0	Cobble	Andesite	1	0	0	0	667.6
2626	Unit	24N/96W	24	-96	60-70 cm	0	0	Debitage	Metavolcanic	1	0	0	0	0.9
2627	Unit	24N/96W	24	-96	60-70 cm	0	0	Debitage	Felsite	1	0	0	0	0.1
2628	Unit	24N/96W	24	-96	60-70 cm	0	0	Debitage	Quartz	1	0	0	0	0.6
2629	Unit	24N/96W	24	-96	60-70 cm	0	0	Faunal	Bone	1	0	0	0	0.4
2630	Unit	2S/88W	-2	-88	0-10 cm	0	0	Debitage	Andesite	4	0	0	0	5
2631	Unit	2S/88W	-2	-88	0-10 cm	0	0	Faunal	Bone	13	0	0	0	2.4
2632	Unit	2S/88W	-2	-88	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
2633	Unit	2S/88W	-2	-88	10-20 cm	0	0	Modern	Rubber	1	0	0	0	0
2634	Unit	2S/88W	-2	-88	10-20 cm	0	0	Modern	Foil	2	0	0	0	0
2635	Unit	2S/88W	-2	-88	10-20 cm	0	0	Debitage	Quartz	2	0	0	0	22.5
2636	Unit	2S/88W	-2	-88	10-20 cm	0	0	Debitage	Andesite	11	0	0	0	4.4
2637	Unit	2S/88W	-2	-88	10-20 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.4
2638	Unit	2S/88W	-2	-88	10-20 cm	0	0	Debitage	Felsite	5	0	0	0	1.6
2639	Unit	2S/88W	-2	-88	10-20 cm	0	0	Faunal	Bone	25	0	0	0	0.9
2640	Unit	2S/88W	-2	-88	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.8
2641	Unit	2S/88W	-2	-88	20-30 cm	0	0	Modern	Rubber	3	0	0	0	0
2642	Unit	2S/88W	-2	-88	20-30 cm	0	0	Debitage	Andesite	8	0	0	0	6.6
2643	Unit	22S/88W	-2	-88	20-30 cm	0	0	Debitage	Felsite	6	0	0	0	29.2
2644	Unit	2S/88W	-2	-88	20-30 cm	0	0	Debitage	Quartz	2	0	0	0	0.5
2645	Unit	2S/88W	-2	-88	20-30 cm	0	0	Faunal	Bone	20	0	0	0	6.5
2646	Unit	2S/88W	-2	-88	30-40 cm	0	0	Flake tool	Quartz	1	2.6	11.3	0.7	3

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKN	WEIGHT
2647	Unit	2S/88W	-2	-88	30-40 cm	0	0	Pebble	Andesite	1	0	0	0	0
2648	Unit	2S/88W	-2	-88	30-40 cm	0	0	Ochre	Ochre	1	0	0	0	7.8
2649	Unit	2S/88W	-2	-88	30-40 cm	0	0	Debitage	Andesite	5	0	0	0	5.3
2650	Unit	2S/88W	-2	-88	30-40 cm	0	0	Debitage	Cryprocryst	3	0	0	0	2.7
2651	Unit	2S/88W	-2	-88	30-40 cm	0	0	Debitage	Felsite	11	0	0	0	2.3
2652	Unit	2S/88W	-2	-88	30-40 cm	0	0	Debitage	Felsite	1	0	0	0	1.7
2653	Unit	2S/88W	-2	-88	30-40 cm	0	0	Debitage	Quartz	2	0	0	0	0.5
2654	Unit	2S/88W	-2	-88	30-40 cm	0	0	Faunal	Bone	1	0	0	0	4.9
2655	Unit	2S/88W	-2	-88	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.2
2656	Unit	2S/88W	-2	-88	40-50 cm	0	0	Chopper	Andesite	1	6.5	4.6	2.2	64.7
2657	Unit	2S/88W	-2	-88	40-50 cm	0	0	Mano	Granitic	1	4.4	3	1.5	23.4
2658	Unit	2S/88W	-2	-88	40-50 cm	0	0	Debitage	Quartz	2	0	0	0	115
2659	Unit	2S/88W	-2	-88	40-50 cm	0	0	Faunal	Bone	3	0	0	0	0.3
2660	Unit	2S/88W	-2	-88	40-50 cm	0	0	Debitage	Andesite	15	0	0	0	7.7
2661	Unit	2S/88W	-2	-88	40-50 cm	0	0	Debitage	Felsite	6	0	0	0	1.5
2662	Unit	2S/88W	-2	-88	40-50 cm	0	0	Faunal	Bone	25	0	0	0	4
2663	Unit	2S/88W	-2	-88	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	1.4
2664	Unit	2S/88W	-2	-88	40-50 cm	0	0	Debitage	Andesite	8	0	0	0	27.2
2665	Unit	2S/88W	-2	-88	40-50 cm	0	0	Debitage	Cryprocryst	4	0	0	0	9
2666	Unit	2S/88W	-2	-88	40-50 cm	0	0	Debitage	Felsite	5	0	0	0	0.9
2667	Unit	2S/88W	-2	-88	40-50 cm	0	0	Faunal	Bone	3	0	0	0	6.4
2668	Unit	2S/88W	-2	-88	50-60 cm	0	0	Debitage	Andesite	6	0	0	0	7.1
2669	Unit	2S/88W	-2	-88	50-60 cm	0	0	Debitage	Felsite	4	0	0	0	2.7
2670	Unit	2S/88W	-2	-88	50-60 cm	0	0	Debitage	Quartz	2	0	0	0	0.5
2671	Unit	2S/88W	-2	-88	50-60 cm	0	0	Faunal	Bone	14	0	0	0	2.7
2672	Unit	0N/60W	0	-60	0-10 cm	0	0	Debitage	Andesite	1	0	0	0	0.1
2673	Unit	0N/60W	0	-60	10-20 cm	0	0	Debitage	Felsite	3	0	0	0	0.6
2674	Unit	0N/60W	0	-60	10-20 cm	0	0	Modern	Staple	1	0	0	0	0
2675	Unit	0N/60W	0	-60	10-20 cm	0	0	Debitage	Andesite	2	0	0	0	1.4
2676	Unit	0N/60W	0	-60	10-20 cm	0	0	Debitage	Felsite	11	0	0	0	2
2677	Unit	0N/60W	0	-60	10-20 cm	0	0	Faunal	Bone	12	0	0	0	2.2
2678	Unit	0N/60W	0	-60	20-30 cm	0	0	Modern	Asphalt	2	0	0	0	0
2679	Unit	0N/60W	0	-60	20-30 cm	0	0	Debitage	Andesite	8	0	0	0	2
2680	Unit	0N/60W	0	-60	20-30 cm	0	0	Debitage	Cryprocryst	3	0	0	0	0.5
2681	Unit	0N/60W	0	-60	20-30 cm	0	0	Debitage	Felsite	26	0	0	0	6.3
2682	Unit	0N/60W	0	-60	20-30 cm	0	0	Debitage	Quartz	4	0	0	0	0.4
2683	Unit	0N/60W	0	-60	20-30 cm	0	0	Faunal	Bone	23	0	0	0	0
2684	Unit	0N/60W	0	-60	30-40 cm	0	0	Mano	Granitic	1	10.8	3.3	3.1	48.9
2685	Unit	0N/60W	0	-60	30-40 cm	0	0	Metate	Granitic	1	5.5	3.5	2.6	61.7
2686	Unit	0N/60W	0	-60	30-40 cm	0	0	Metate	Granitic	1	10.2	8.2	5.6	819.4
2687	Unit	0N/60W	0	-60	30-40 cm	0	0	Hammer	Rhyolite	1	11.1	9.4	7.5	1042.4
2688	Unit	0N/60W	0	-60	30-40 cm	0	0	Scraper	Felsite	1	2.8	2.4	2.1	10.7

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKN	WEIGHT
2689	Unit	0N/60W	0	-60	30-40 cm	0	0	Scraper	Felsite	1	1.1	1.5	0.4	1.1
2690	Unit	0N/60W	0	-60	30-40 cm	0	0	Core	Andesite	1	4.2	1.7	1.5	5.2
2691	Unit	0N/60W	0	-60	30-40 cm	0	0	Core	Andesite	1	3.8	2.3	2.2	23.5
2692	Unit	0N/60W	0	-60	30-40 cm	0	0	Debitage	Andesite	10	0	0	0	3.5
2693	Unit	0N/60W	0	-60	30-40 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.4
2694	Unit	0N/60W	0	-60	30-40 cm	0	0	Debitage	Felsite	19	0	0	0	7.8
2695	Unit	0N/60W	0	-60	30-40 cm	0	0	Debitage	Quartz	2	0	0	0	1.3
2696	Unit	0N/60W	0	-60	30-40 cm	0	0	Faunal	Bone	40	0	0	0	4.5
2697	Unit	0N/60W	0	-60	40-50 cm	0	0	Modern	Asphalt	1	0	0	0	0
2698	Unit	0N/60W	0	-60	40-50 cm	0	0	Debitage	Andesite	6	0	0	0	1.3
2699	Unit	0N/60W	0	-60	40-50 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.2
2700	Unit	0N/60W	0	-60	40-50 cm	0	0	Debitage	Felsite	24	0	0	0	3.2
2701	Unit	0N/60W	0	-60	40-50 cm	0	0	Debitage	Quartz	4	0	0	0	1.4
2702	Unit	0N/60W	0	-60	40-50 cm	0	0	Faunal	Bone	58	0	0	0	4.7
2703	Unit	0N/60W	0	-60	50-60 cm	0	0	Core	Andesite	1	6.6	6.4	3.2	152
2704	Unit	0N/60W	0	-60	50-60 cm	0	0	Mano	Granitic	1	4.9	4.1	4.2	112.2
2705	Unit	0N/60W	0	-60	50-60 cm	0	0	Debitage	Andesite	6	0	0	0	2.5
2706	Unit	0N/60W	0	-60	50-60 cm	0	0	Debitage	Cryprocryst	4	0	0	0	0.4
2707	Unit	0N/60W	0	-60	50-60 cm	0	0	Debitage	Felsite	25	0	0	0	7.8
2708	Unit	0N/60W	0	-60	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
2709	Unit	0N/60W	0	-60	50-60 cm	0	0	Faunal	Bone	43	0	0	0	7.5
2710	Unit	0N/60W	0	-60	60-70 cm	0	0	Debitage	Metavolcanic	1	0	0	0	7.5
2711	Unit	0N/60W	0	-60	60-70 cm	0	0	Debitage	Andesite	14	0	0	0	4.4
2712	Unit	0N/60W	0	-60	60-70 cm	0	0	Debitage	Cryprocryst	4	0	0	0	0.4
2713	Unit	0N/60W	0	-60	60-70 cm	0	0	Debitage	Felsite	24	0	0	0	3.2
2714	Unit	0N/60W	0	-60	60-70 cm	0	0	Faunal	Bone	35	0	0	0	2.6
2715	Unit	0N/60W	0	-60	70-80 cm	0	0	Debitage	Andesite	5	0	0	0	3.9
2716	Unit	0N/60W	0	-60	70-80 cm	0	0	Debitage	Basalt	2	0	0	0	0.4
2717	Unit	0N/60W	0	-60	70-80 cm	0	0	Debitage	Felsite	11	0	0	0	3.3
2718	Unit	0N/60W	0	-60	70-80 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
2719	Unit	0N/60W	0	-60	70-80 cm	0	0	Faunal	Bone	19	0	0	0	1.7
2720	Unit	0N/60W	0	-60	80-90 cm	0	0	Debitage	Andesite	5	0	0	0	0.9
2721	Unit	0N/60W	0	-60	80-90 cm	0	0	Debitage	Felsite	7	0	0	0	0.8
2722	Unit	0N/60W	0	-60	80-90 cm	0	0	Debitage	Quartz	3	0	0	0	0.4
2723	Unit	0N/60W	0	-60	80-90 cm	0	0	Faunal	Bone	6	0	0	0	1.6
2724	Unit	12S/59W	-12	-59	0-10 cm	0	0	Historic	Tile	1	0	0	0	0
2725	Unit	12S/59W	-12	-59	0-10 cm	0	0	Debitage	Felsite	1	0	0	0	3.3
2726	Unit	12S/59W	-12	-59	0-10 cm	0	0	Faunal	Bone	2	0	0	0	1.7
2727	Unit	12S/59W	-12	-59	0-10 cm	0	0	Modern	screw	1	0	0	0	0
2728	Unit	12S/59W	-12	-59	10-20 cm	0	0	Pebble	Andesite	1	0	0	0	2.4
2729	Unit	12S/59W	-12	-59	10-20 cm	0	0	Core	Cryprocryst	1	2.1	1.8	1.6	9.9
2730	Unit	12S/59W	-12	-59	10-20 cm	0	0	Debitage	Andesite	1	0	0	0	1

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2731	Unit	12S/59W	-12	-59	10-20 cm	0	0	Debitage	Felsite	1	0	0	0	3.5
2732	Unit	12S/59W	-12	-59	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
2733	Unit	12S/59W	-12	-59	10-20 cm	0	0	Faunal	Bone	4	0	0	0	0.3
2734	Unit	12S/59W	-12	-59	20-30 cm	0	0	Core	Felsite	1	2.5	1.2	0.8	3.4
2735	Unit	12S/59W	-12	-59	20-30 cm	0	0	Core	Felsite	1	4.5	2.4	0.7	14
2736	Unit	12S/59W	-12	-59	20-30 cm	0	0	Core	Felsite	1	5	2.5	1.5	22.3
2737	Unit	12S/59W	-12	-59	20-30 cm	0	0	Debitage	Andesite	3	0	0	0	1.3
2738	Unit	12S/59W	-12	-59	20-30 cm	0	0	Debitage	Felsite	2	0	0	0	0.7
2739	Unit	12S/59W	-12	-59	20-30 cm	0	0	Debitage	Quartz	3	0	0	0	3.9
2740	Unit	12S/59W	-12	-59	20-30 cm	0	0	Faunal	Bone	6	0	0	0	3.2
2741	Unit	12S/59W	-12	-59	20-30 cm	0	0	Faunal	Bone	1	0	0	0	2.6
2742	Unit	12S/59W	-12	-59	30-40 cm	0	0	Mano	Granitic	1	0	0	0	566.9
2743	Unit	12S/59W	-12	-59	30-40 cm	0	0	Historic	Glass	1	0	0	0	0
2744	Unit	12S/59W	-12	-59	30-40 cm	0	0	Debitage	Andesite	2	0	0	0	5.1
2745	Unit	12S/59W	-12	-59	30-40 cm	0	0	Debitage	Felsite	6	0	0	0	4.7
2746	Unit	12S/59W	-12	-59	30-40 cm	0	0	Faunal	Bone	17	0	0	0	3.1
2747	Unit	12S/59W	-12	-59	40-50 cm	0	0	Flake tool	Quartz	1	0	0	0	2.1
2748	Unit	12S/59W	-12	-59	40-50 cm	0	0	Debitage	Andesite	2	0	0	0	2.3
2749	Unit	12S/59W	-12	-59	40-50 cm	0	0	Debitage	Basalt	1	0	0	0	1.4
2750	Unit	12S/59W	-12	-59	40-50 cm	0	0	Debitage	Chalcedoney	1	0	0	0	0.2
2751	Unit	12S/59W	-12	-59	40-50 cm	0	0	Debitage	Felsite	1	0	0	0	1.6
2752	Unit	12S/59W	-12	-59	40-50 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
2753	Unit	12S/59W	-12	-59	40-50 cm	0	0	Faunal	Bone	11	0	0	0	2.2
2754	Unit	12S/59W	-12	-59	50-60 cm	0	0	Debitage	Andesite	1	0	0	0	0.4
2755	Unit	12S/59W	-12	-59	50-60 cm	0	0	Debitage	Felsite	6	0	0	0	4.1
2756	Unit	12S/59W	-12	-59	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	1.2
2757	Unit	12S/59W	-12	-59	50-60 cm	0	0	Faunal	Bone	48	0	0	0	6.5
2758	Unit	12S/59W	-12	-59	60-70 cm	0	0	Flake tool	Felsite	1	2	1.9	0.5	1.6
2759	Unit	12S/59W	-12	-59	60-70 cm	0	0	Debitage	Andesite	3	0	0	0	0.7
2760	Unit	12S/59W	-12	-59	60-70 cm	0	0	Debitage	Felsite	3	0	0	0	0.8
2761	Unit	12S/59W	-12	-59	60-70 cm	0	0	Debitage	Quartz	2	0	0	0	1.3
2762	Unit	12S/59W	-12	-59	60-70 cm	0	0	Faunal	Bone	40	0	0	0	8.2
2763	Unit	12S/59W	-12	-59	70-80 cm	0	0	Hammer	Andesite	1	4.8	3.6	3.5	60.4
2764	Unit	12S/59W	-12	-59	70-80 cm	0	0	Modern	Asphalt	1	0	0	0	0
2765	Unit	12S/59W	-12	-59	70-80 cm	0	0	Debitage	Andesite	3	0	0	0	1.2
2766	Unit	12S/59W	-12	-59	70-80 cm	0	0	Debitage	Cryprocryst	2	0	0	0	3.8
2767	Unit	12S/59W	-12	-59	70-80 cm	0	0	Debitage	Felsite	9	0	0	0	0.3
2768	Unit	12S/59W	-12	-59	70-80 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
2769	Unit	12S/59W	-12	-59	70-80 cm	0	0	Faunal	Bone	31	0	0	0	7.2
2770	Unit	12S/59W	-12	-59	80-90 cm	0	0	Debitage	Felsite	2	0	0	0	1.1
2771	Unit	12S/59W	-12	-59	80-90 cm	0	0	Faunal	Bone	4	0	0	0	0.5
2772	Unit	5S/53W	-5	-53	0-10 cm	0	0	Debitage	Quartz	1	0	0	0	2.6

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2773	Unit	5S/53W	-5	-53	0-10 cm	0	0	Debitage	Andesite	2	0	0	0	1.8
2774	Unit	5S/53W	-5	-53	0-10 cm	0	0	Debitage	Felsite	1	0	0	0	0.5
2775	Unit	5S/53W	-5	-53	10-20 cm	0	0	Modern	Tar paper	1	0	0	0	0
2776	Unit	5S/53W	-5	-53	10-20 cm	0	0	Historic	Nail	1	0	0	0	0
2777	Unit	5S/53W	-5	-53	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	1.6
2778	Unit	5S/53W	-5	-53	10-20 cm	0	0	Debitage	Felsite	5	0	0	0	6.9
2779	Unit	5S/53W	-5	-53	10-20 cm	0	0	Debitage	Andesite	3	0	0	0	3.3
2780	Unit	5S/53W	-5	-53	10-20 cm	0	0	Debitage	Cryprocryst	1	0	0	0	6.6
2781	Unit	5S/53W	-5	-53	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	2.9
2782	Unit	5S/53W	-5	-53	20-30 cm	0	0	Modern	Asbestos	1	0	0	0	0
2783	Unit	5S/53W	-5	-53	20-30 cm	0	0	Modern	Cement	1	0	0	0	0
2784	Unit	5S/53W	-5	-53	20-30 cm	0	0	Hammer	Metavolcanic	1	5.5	2.7	1.9	22.5
2785	Unit	5S/53W	-5	-53	20-30 cm	0	0	Debitage	Quartz	2	0	0	0	0.3
2786	Unit	5S/53W	-5	-53	20-30 cm	0	0	Debitage	Felsite	5	0	0	0	3.3
2787	Unit	5S/53W	-5	-53	20-30 cm	0	0	Debitage	Andesite	9	0	0	0	6
2788	Unit	5S/53W	-5	-53	20-30 cm	0	0	Native Ceramic	Ceramic	2	0	0	0	3.3
2789	Unit	5S/53W	-5	-53	20-30 cm	0	0	Faunal	Bone	6	0	0	0	1
2790	Unit	5S/53W	-5	-53	30-40 cm	0	0	Core	Quartz	1	4.2	3.5	0.9	11.7
2791	Unit	5S/53W	-5	-53	30-40 cm	0	0	Debitage	Andesite	3	0	0	0	6.8
2792	Unit	5S/53W	-5	-53	30-40 cm	0	0	Debitage	Felsite	8	0	0	0	3.3
2793	Unit	5S/53W	-5	-53	30-40 cm	0	0	Debitage	Cryprocryst	1	0	0	0	1
2794	Unit	5S/53W	-5	-53	30-40 cm	0	0	Faunal	Bone	3	0	0	0	0.5
2795	Unit	5S/53W	-5	-53	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.7
2796	Unit	5S/53W	-5	-53	40-50 cm	0	0	Modern	Asphalt	1	0	0	0	0
2797	Unit	5S/53W	-5	-53	40-50 cm	0	0	Mano	Granitic	1	11.6	8.1	4.2	608.6
2798	Unit	5S/53W	-5	-53	40-50 cm	0	0	Hammer	Granitic	1	7.4	6.9	1.7	100.8
2799	Unit	5S/53W	-5	-53	40-50 cm	0	0	Mano	Granitic	1	14	8.8	4.5	927.8
2800	Unit	5S/53W	-5	-53	40-50 cm	0	0	Mano	Granitic	1	7	5.5	3.7	176.1
2801	Unit	5S/53W	-5	-53	40-50 cm	0	0	Debitage	Andesite	7	0	0	0	11.2
2802	Unit	5S/53W	-5	-53	40-50 cm	0	0	Debitage	Felsite	11	0	0	0	4.7
2803	Unit	5S/53W	-5	-53	40-50 cm	0	0	Scraper	Felsite	1	4.2	3	0.8	9.8
2804	Unit	5S/53W	-5	-53	40-50 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
2805	Unit	5S/53W	-5	-53	40-50 cm	0	0	Faunal	Bone	1	0	0	0	0.1
2806	Unit	5S/53W	-5	-53	40-50 cm	0	0	Mano	Granitic	1	6.6	4.4	4.4	209.1
2807	Unit	5S/53W	-5	-53	40-50 cm	0	0	Mano	Granitic	1	7	5.5	4.2	252.8
2808	Unit	5S/53W	-5	-53	40-50 cm	0	0	Metate	Granitic	1	16.6	11	3.8	886
2809	Unit	5S/53W	-5	-53	50-60 cm	0	0	Hammer	Metavolcanic	1	4.4	3.7	2.8	65.3
2810	Unit	5S/53W	-5	-53	50-60 cm	0	0	Mano	Gabbro	1	7	4.2	2.2	105.8
2811	Unit	5S/53W	-5	-53	50-60 cm	0	0	Mano	Granitic	1	6.1	4.7	4.1	14.7
2812	Unit	5S/53W	-5	-53	50-60 cm	0	0	Core	Quartz	1	4	3	1.8	23.9
2813	Unit	5S/53W	-5	-53	60-70 cm	0	0	Debitage	Felsite	1	3.1	0.7	0.2	0.8
2814	Unit	5S/53W	-5	-53	60-70 cm	0	0	Manuport	Metavolcanic	1	0	0	0	0

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKN	WEIGHT
2815	Unit	5S/53W	-5	-53	50-60 cm	0	0	Modern	Asphalt	1	0	0	0	0
2816	Unit	5S/53W	-5	-53	50-60 cm	0	0	Debitage	Andesite	17	0	0	0	17.6
2817	Unit	5S/53W	-5	-53	50-60 cm	0	0	Debitage	Cryprocryst	4	0	0	0	2.1
2818	Unit	5S/53W	-5	-53	50-60 cm	0	0	Debitage	Felsite	12	0	0	0	14.4
2819	Unit	5S/53W	-5	-53	50-60 cm	0	0	Debitage	Metavolcanic	1	0	0	0	2.9
2820	Unit	5S/53W	-5	-53	50-60 cm	0	0	Debitage	Quartz	3	0	0	0	11.2
2821	Unit	5S/53W	-5	-53	50-60 cm	0	0	Faunal	Bone	18	0	0	0	2.7
2822	Unit	5S/53W	-5	-53	60-70 cm	0	0	Modern	Asphalt	1	0	0	0	0
2823	Unit	5S/53W	-5	-53	60-70 cm	0	0	Debitage	Andesite	14	0	0	0	4.2
2824	Unit	5S/53W	-5	-53	60-70 cm	0	0	Debitage	Cryprocryst	2	0	0	0	3.1
2825	Unit	5S/53W	-5	-53	60-70 cm	0	0	Debitage	Felsite	17	0	0	0	12.8
2826	Unit	5S/53W	-5	-53	60-70 cm	0	0	Debitage	Quartz	2	0	0	0	0.4
2827	Unit	5S/53W	-5	-53	60-70 cm	0	0	Faunal	Bone	2	0	0	0	0.4
2828	Unit	5S/53W	-5	-53	60-70 cm	0	0	Faunal	Bone	11	0	0	0	3.8
2829	Unit	5S/53W	-5	-53	70-80 cm	0	0	Debitage	Felsite	1	0	0	0	22.8
2830	Unit	5S/53W	-5	-53	70-80 cm	0	0	Debitage	Andesite	10	0	0	0	9.9
2831	Unit	5S/53W	-5	-53	70-80 cm	0	0	Debitage	Cryprocryst	5	0	0	0	0.8
2832	Unit	5S/53W	-5	-53	70-80 cm	0	0	Debitage	Felsite	11	0	0	0	2
2833	Unit	5S/53W	-5	-53	70-80 cm	0	0	Debitage	Quartz	1	0	0	0	0.3
2834	Unit	5S/53W	-5	-53	70-80 cm	0	0	Faunal	Bone	2	0	0	0	0.3
2835	Unit	5S/53W	-5	-53	70-80 cm	0	0	Modern	Asphalt	1	0	0	0	0
2836	Unit	5S/53W	-5	-53	80-90 cm	0	0	Modern	Asphalt	1	0	0	0	0
2837	Unit	5S/53W	-5	-53	80-90 cm	0	0	Debitage	Andesite	7	0	0	0	3.3
2838	Unit	5S/53W	-5	-53	80-90 cm	0	0	Debitage	Felsite	1	0	0	0	0.3
2839	Unit	5S/53W	-5	-53	80-90 cm	0	0	Debitage	Quartz	1	0	0	0	0.1
2840	Unit	5S/53W	-5	-53	80-90 cm	0	0	Faunal	Bone	2	0	0	0	0.2
2841	Unit	0S/0W	0	0	10-20 cm	0	0	Debitage	Andesite	1	0	0	0	1
2842	Unit	0S/0W	0	0	20-30 cm	0	0	Hammer	Granitic	1	0	0	0	49.1
2843	Unit	0S/0W	0	0	20-30 cm	0	0	Debitage	Andesite	1	0	0	0	0.8
2844	Unit	0S/0W	0	0	20-30 cm	0	0	Debitage	Felsite	1	0	0	0	0.3
2845	Unit	0S/0W	0	0	20-30 cm	0	0	Faunal	Bone	15	0	0	0	2.5
2846	Unit	0S/0W	0	0	30-40 cm	0	0	Debitage	Andesite	1	0	0	0	4
2847	Unit	0S/0W	0	0	30-40 cm	0	0	Debitage	Quartz	1	0	0	0	2.3
2848	Unit	0S/0W	0	0	30-40 cm	0	0	Faunal	Bone	1	0	0	0	0.3
2849	Unit	0S/0W	0	0	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	1.3
2850	Unit	0S/0W	0	0	40-50 cm	0	0	Debitage	Andesite	2	0	0	0	6.5
2851	Unit	0S/0W	0	0	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	1.2
2852	Unit	0S/0W	0	0	50-60 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.2
2853	Unit	0S/0W	0	0	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.6
2854	Unit	0S/0W	0	0	60-70 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.3
2855	Unit	27S/72W	-27	-72	0-10 cm	0	0	Floral	Peach Pits	1	0	0	0	0
2856	Unit	27S/72W	-27	-72	0-10 cm	0	0	Historic	Can Lid	1	0	0	0	0

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2857	Unit	27S/72W	-27	-72	0-10 cm	0	0	Modern	Conrete	1	0	0	0	0
2858	Unit	27S/72W	-27	-72	0-10 cm	0	0	Historic	Glass	1	0	0	0	0
2859	Unit	27S/72W	-27	-72	0-10 cm	0	0	Core	Andesite	1	6	4.4	3	75.3
2860	Unit	27S/72W	-27	-72	0-10 cm	0	0	Core	Andesite	1	2.2	1.4	1.3	2.6
2861	Unit	27S/72W	-27	-72	0-10 cm	0	0	Core	Felsite	1	2.8	2.8	1.7	23.5
2862	Unit	27S/72W	-27	-72	0-10 cm	0	0	Flake tool	Cryprocryst	1	2	1.3	0.3	1
2863	Unit	27S/72W	-27	-72	0-10 cm	0	0	Debitage	Andesite	14	0	0	0	8.8
2864	Unit	27S/72W	-27	-72	0-10 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.3
2865	Unit	27S/72W	-27	-72	0-10 cm	0	0	Debitage	Felsite	11	0	0	0	15
2866	Unit	27S/72W	-27	-72	0-10 cm	0	0	Debitage	Quartz	3	0	0	0	2.3
2867	Unit	27S/72W	-27	-72	0-10 cm	0	0	Faunal	Bone	4	0	0	0	3.5
2868	Unit	27S/72W	-27	-72	10-20 cm	0	0	Historic	Tile	2	0	0	0	0
2869	Unit	27S/72W	-27	-72	10-20 cm	0	0	Core	Andesite	1	3.6	2.1	1.2	10
2870	Unit	27S/72W	-27	-72	10-20 cm	0	0	Debitage	Andesite	10	0	0	0	11.6
2871	Unit	27S/72W	-27	-72	10-20 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.2
2872	Unit	27S/72W	-27	-72	10-20 cm	0	0	Debitage	Felsite	11	0	0	0	8.4
2873	Unit	27S/72W	-27	-72	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	0.3
2874	Unit	27S/72W	-27	-72	10-20 cm	0	0	Faunal	Bone	9	0	0	0	2.6
2875	Unit	27S/72W	-27	-72	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.4
2876	Unit	27S/72W	-27	-72	20-30 cm	0	0	Debitage	Andesite	1	0	0	0	26.8
2877	Unit	27S/72W	-27	-72	20-30 cm	0	0	Crystal	Quartz	1	0	0	0	1.2
2878	Unit	27S/72W	-27	-72	20-30 cm	0	0	Debitage	Andesite	14	0	0	0	13.2
2879	Unit	27S/72W	-27	-72	20-30 cm	0	0	Debitage	Felsite	23	0	0	0	10.6
2880	Unit	27S/72W	-27	-72	20-30 cm	0	0	Debitage	Quartz	4	0	0	0	2
2881	Unit	27S/72W	-27	-72	20-30 cm	0	0	Faunal	Bone	38	0	0	0	6.8
2882	Unit	27S/72W	-27	-72	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.4
2883	Unit	27S/72W	-27	-72	30-40 cm	0	0	Debitage	Andesite	23	0	0	0	13.8
2884	Unit	27S/72W	-27	-72	30-40 cm	0	0	Debitage	Cryprocryst	1	0	0	0	0.4
2885	Unit	27S/72W	-27	-72	30-40 cm	0	0	Debitage	Felsite	28	0	0	0	12.5
2886	Unit	27S/72W	-27	-72	30-40 cm	0	0	Debitage	Quartz	2	0	0	0	0.4
2887	Unit	27S/72W	-27	-72	30-40 cm	0	0	Faunal	Bone	71	0	0	0	15.1
2888	Unit	27S/72W	-27	-72	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.4
2889	Unit	27S/72W	-27	-72	40-50 cm	0	0	Faunal	Bone tool	1	1.8	0.5	0.3	0.5
2890	Unit	27S/72W	-27	-72	40-50 cm	0	0	Debitage	Andesite	20	0	0	0	11.7
2891	Unit	27S/72W	-27	-72	40-50 cm	0	0	Debitage	Felsite	19	0	0	0	7
2892	Unit	27S/72W	-27	-72	40-50 cm	0	0	Debitage	Quartz	6	0	0	0	1.5
2893	Unit	27S/72W	-27	-72	40-50 cm	0	0	Faunal	Bone	103	0	0	0	12
2894	Unit	27S/72W	-27	-72	50-60 cm	0	0	Debitage	Rhyolite	1	0	0	0	59.4
2895	Unit	27S/72W	-27	-72	50-60 cm	0	0	Flake tool	Quartzite	1	7.4	2.7	1.8	19.6
2896	Unit	27S/72W	-27	-72	50-60 cm	0	0	Mano	Granitic	1	3.2	2.9	1.2	12.1
2897	Unit	27S/72W	-27	-72	50-60 cm	0	0	Debitage	Andesite	18	0	0	0	7.5
2898	Unit	27S/72W	-27	-72	50-60 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.9

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2899	Unit	27S/72W	-27	-72	50-60 cm	0	0	Debitage	Felsite	8	0	0	0	6.4
2900	Unit	27S/72W	-27	-72	50-60 cm	0	0	Debitage	Quartz	1	0	0	0	0.5
2901	Unit	27S/72W	-27	-72	50-60 cm	0	0	Faunal	Bone	76	0	0	0	6.7
2902	Unit	27S/72W	-27	-72	60-70 cm	0	0	Core	Felsite	1	3.5	2.6	1.3	9.2
2903	Unit	27S/72W	-27	-72	60-70 cm	0	0	Debitage	Andesite	22	0	0	0	12.1
2904	Unit	27S/72W	-27	-72	60-70 cm	0	0	Debitage	Cryprocryst	5	0	0	0	3.9
2905	Unit	27S/72W	-27	-72	60-70 cm	0	0	Debitage	Felsite	27	0	0	0	7.5
2906	Unit	27S/72W	-27	-72	60-70 cm	0	0	Debitage	Quartz	2	0	0	0	0.7
2907	Unit	27S/72W	-27	-72	60-70 cm	0	0	Faunal	Bone	22	0	0	0	3.6
2908	Unit	27S/72W	-27	-72	70-80 cm	0	0	Debitage	Andesite	12	0	0	0	0.6
2909	Unit	27S/72W	-27	-72	70-80 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.7
2910	Unit	27S/72W	-27	-72	70-80 cm	0	0	Debitage	Felsite	13	0	0	0	4.4
2911	Unit	27S/72W	-27	-72	70-80 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
2912	Unit	27S/72W	-27	-72	70-80 cm	0	0	Faunal	Bone	6	0	0	0	1.9
2913	Unit	27S/71W	-27	-71	0-10 cm	0	0	Floral	Peach Pits	1	0	0	0	0
2914	Unit	27S/71W	-27	-71	0-10 cm	0	0	Modern	Cement	1	0	0	0	0
2915	Unit	27S/71W	-27	-71	0-10 cm	0	0	Historic	Tile	2	0	0	0	0
2916	Unit	27S/71W	-27	-71	0-10 cm	0	0	Debitage	Andesite	17	0	0	0	21.3
2917	Unit	27S/71W	-27	-71	0-10 cm	0	0	Debitage	Cryprocryst	2	0	0	0	1
2918	Unit	27S/71W	-27	-71	0-10 cm	0	0	Debitage	Felsite	4	0	0	0	1.1
2919	Unit	27S/71W	-27	-71	0-10 cm	0	0	Debitage	Quartz	6	0	0	0	6.3
2920	Unit	27S/71W	-27	-71	0-10 cm	0	0	Flake tool	Basalt	1	1.9	2.2	0.7	3
2921	Unit	27S/71W	-27	-71	0-10 cm	0	0	Faunal	Bone	8	0	0	0	0.7
2922	Unit	27S/71W	-27	-71	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
2923	Unit	27S/71W	-27	-71	10-20 cm	0	0	Modern	Flower Pot	2	0	0	0	0
2924	Unit	27S/71W	-27	-71	10-20 cm	0	0	Floral	Peach Pits	1	0	0	0	0
2925	Unit	27S/71W	-27	-71	10-20 cm	0	0	Flake tool	Felsite	1	2.8	1.1	0.7	3.7
2926	Unit	27S/71W	-27	-71	10-20 cm	0	0	Scraper	Felsite	1	5	2.7	1.1	18.7
2927	Unit	27S/71W	-27	-71	10-20 cm	0	0	Faunal	Bone	3	0	0	0	0.6
2928	Unit	27S/71W	-27	-71	10-20 cm	0	0	Debitage	Andesite	19	0	0	0	4.4
2929	Unit	27S/71W	-27	-71	10-20 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.7
2930	Unit	27S/71W	-27	-71	10-20 cm	0	0	Debitage	Felsite	22	0	0	0	4.7
2931	Unit	27S/71W	-27	-71	10-20 cm	0	0	Debitage	Quartz	4	0	0	0	8.8
2932	Unit	27S/71W	-27	-71	10-20 cm	0	0	Faunal	Bone	49	0	0	0	5.2
2933	Unit	27S/71W	-27	-71	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.8
2934	Unit	27S/71W	-27	-71	20-30 cm	0	0	Debitage	Opalite	1	0	0	0	0.2
2935	Unit	27S/71W	-27	-71	20-30 cm	0	0	Debitage	Quartz	1	0	0	0	0.2
2936	Unit	27S/71W	-27	-71	20-30 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.3
2937	Unit	27S/71W	-27	-71	20-30 cm	0	0	Debitage	Felsite	20	0	0	0	10.2
2938	Unit	27S/71W	-27	-71	20-30 cm	0	0	Debitage	Andesite	15	0	0	0	8.2
2939	Unit	27S/71W	-27	-71	20-30 cm	0	0	Faunal	Bone	3	0	0	0	1.7
2940	Unit	27S/71W	-27	-71	20-30 cm	0	0	Faunal	Bone	68	0	0	0	2.5

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2941	Unit	27S/71W	-27	-71	30-40 cm	0	0	Debitage	Quartz	4	0	0	0	2.6
2942	Unit	27S/71W	-27	-71	30-40 cm	0	0	Debitage	Cryprocryst	4	0	0	0	1
2943	Unit	27S/71W	-27	-71	30-40 cm	0	0	Debitage	Andesite	15	0	0	0	4.4
2944	Unit	27S/71W	-27	-71	30-40 cm	0	0	Debitage	Felsite	10	0	0	0	2
2945	Unit	27S/71W	-27	-71	30-40 cm	0	0	Faunal	Polished Bone	1	0	0	0	0.2
2946	Unit	27S/71W	-27	-71	30-40 cm	0	0	Faunal	Bone	83	0	0	0	10.8
2947	Unit	27S/71W	-27	-71	30-40 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
2948	Unit	27S/71W	-27	-71	40-50 cm	0	0	Debitage	Cryprocryst	7	0	0	0	1.1
2949	Unit	27S/71W	-27	-71	40-50 cm	0	0	Debitage	Obsidian	2	0	0	0	0.2
2950	Unit	27S/71W	-27	-71	40-50 cm	0	0	Debitage	Felsite	15	0	0	0	8.5
2951	Unit	27S/71W	-27	-71	40-50 cm	0	0	Faunal	Polished Bone	1	0	0	0	1.3
2952	Unit	27S/71W	-27	-71	40-50 cm	0	0	Faunal	Bone	72	0	0	0	13.7
2953	Unit	27S/71W	-27	-71	40-50 cm	0	0	Debitage	Quartz	4	0	0	0	0.5
2954	Unit	27S/71W	-27	-71	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3
2955	Unit	27S/71W	-27	-71	40-50 cm	0	0	Debitage	Andesite	41	0	0	0	8.6
2956	Unit	27S/71W	-27	-71	50-60 cm	0	0	Debitage	Obsidian	1	0	0	0	0.1
2957	Unit	27S/71W	-27	-71	50-60 cm	0	0	Debitage	Quartz	2	0	0	0	0.3
2958	Unit	27S/71W	-27	-71	50-60 cm	0	0	Debitage	Felsite	12	0	0	0	6.6
2959	Unit	27S/71W	-27	-71	50-60 cm	0	0	Debitage	Andesite	6	0	0	0	15.5
2960	Unit	27S/71W	-27	-71	50-60 cm	0	0	Faunal	Bone	52	0	0	0	5.7
2961	Unit	27S/71W	-27	-71	50-60 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
2962	Unit	27S/71W	-27	-71	60-70 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.7
2963	Unit	27S/71W	-27	-71	60-70 cm	0	0	Debitage	Felsite	5	0	0	0	0.9
2964	Unit	27S/71W	-27	-71	60-70 cm	0	0	Faunal	Bone	9	0	0	0	0.8
2965	Unit	27S/71W	-27	-71	70-80 cm	0	0	Debitage	Andesite	5	0	0	0	0.8
2966	Unit	27S/71W	-27	-71	70-80 cm	0	0	Debitage	Felsite	4	0	0	0	0.4
2967	Unit	27S/71W	-27	-71	70-80 cm	0	0	Faunal	Bone	4	0	0	0	0.8
2968	Unit	27S/71W	-27	-71	70-80 cm	0	0	Charcoal	Charcoal	1	0	0	0	1.6
2969	Unit	28S/72W	-28	-72	0-10 cm	0	0	Floral	Peach Pit	1	0	0	0	0
2970	Unit	28S/72W	-28	-72	0-10 cm	0	0	Modern	Plastic	1	0	0	0	0
2971	Unit	28S/72W	-28	-72	0-10 cm	0	0	Historic	Metal	5	0	0	0	0
2972	Unit	28S/72W	-28	-72	0-10 cm	0	0	Core	Cryprocryst	1	4.2	1.9	1.2	7.5
2973	Unit	28S/72W	-28	-72	0-10 cm	0	0	Debitage	Andesite	8	0	0	0	4.3
2974	Unit	28S/72W	-28	-72	0-10 cm	0	0	Debitage	Felsite	18	0	0	0	2.3
2975	Unit	28S/72W	-28	-72	0-10 cm	0	0	Faunal	Bone	16	0	0	0	1.6
2976	Unit	28S/72W	-28	-72	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.1
2977	Unit	28S/72W	-28	-72	10-20 cm	0	0	Debitage	Andesite	18	0	0	0	16.5
2978	Unit	28S/72W	-28	-72	10-20 cm	0	0	Debitage	Felsite	12	0	0	0	18.1
2979	Unit	28S/72W	-28	-72	10-20 cm	0	0	Debitage	Cryprocryst	6	0	0	0	0.8
2980	Unit	28S/72W	-28	-72	10-20 cm	0	0	Faunal	Polished Bone	1	0	0	0	0.1
2981	Unit	28S/72W	-28	-72	10-20 cm	0	0	Faunal	Bone	24	0	0	0	3.2
2982	Unit	28S/72W	-28	-72	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.3

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
2983	Unit	28S/72W	-28	-72	20-30 cm	0	0	Flake tool	Felsite	1	4	2.6	1.3	3.4
2984	Unit	28S/72W	-28	-72	20-30 cm	0	0	Debitage	Felsite	20	0	0	0	8.9
2985	Unit	28S/72W	-28	-72	20-30 cm	0	0	Debitage	Andesite	5	0	0	0	3.1
2986	Unit	28S/72W	-28	-72	20-30 cm	0	0	Debitage	Quartz	1	0	0	0	3.8
2987	Unit	28S/72W	-28	-72	20-30 cm	0	0	Faunal	Bone	3	0	0	0	0.4
2988	Unit	28S/72W	-28	-72	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.4
2989	Unit	28S/72W	-28	-72	20-30 cm	0	0	Debitage	Cryprocryst	4	0	0	0	0.6
2990	Unit	28S/72W	-28	-72	30-40 cm	0	0	Debitage	Quartz	2	0	0	0	0.3
2991	Unit	28S/72W	-28	-72	30-40 cm	0	0	Flake tool	Andesite	1	6.6	4	1.9	57.4
2992	Unit	28S/72W	-28	-72	30-40 cm	0	0	Flake tool	Andesite	1	6.7	5	1.8	90.8
2993	Unit	28S/72W	-28	-72	30-40 cm	0	0	Debitage	Andesite	6	0	0	0	5
2994	Unit	28S/72W	-28	-72	30-40 cm	0	0	Debitage	Felsite	15	0	0	0	6.7
2995	Unit	28S/72W	-28	-72	30-40 cm	0	0	Faunal	Bone	74	0	0	0	8.8
2996	Unit	28S/72W	-28	-72	40-50 cm	0	0	Metate	Granitic	1	9	6	3.7	299.3
2997	Unit	28S/72W	-28	-72	40-50 cm	0	0	Debitage	Andesite	1	0	0	0	102.2
2998	Unit	28S/72W	-28	-72	40-50 cm	0	0	Flake tool	Andesite	1	5	3.3	0.9	15.2
2999	Unit	28S/72W	-28	-72	40-50 cm	0	0	Flake tool	Felsite	1	3	1.3	0.1	0.9
3000	Unit	28S/72W	-28	-72	40-50 cm	0	0	Debitage	Andesite	21	0	0	0	25.4
3001	Unit	28S/72W	-28	-72	40-50 cm	0	0	Debitage	Felsite	14	0	0	0	6.5
3002	Unit	28S/72W	-28	-72	40-50 cm	0	0	Debitage	Quartz	4	0	0	0	1.1
3003	Unit	28S/72W	-28	-72	40-50 cm	0	0	Faunal	Polished Bone	3	0	0	0	2.5
3004	Unit	28S/72W	-28	-72	40-50 cm	0	0	Faunal	Bone	89	0	0	0	11.4
3005	Unit	28S/72W	-28	-72	50-60 cm	0	0	Debitage	Quartz	3	0	0	0	0.5
3006	Unit	28S/72W	-28	-72	50-60 cm	0	0	Debitage	Felsite	16	0	0	0	7.3
3007	Unit	28S/72W	-28	-72	50-60 cm	0	0	Debitage	Andesite	14	0	0	0	10.3
3008	Unit	28S/72W	-28	-72	50-60 cm	0	0	Faunal	Polished Bone	1	0	0	0	0.1
3009	Unit	28S/72W	-28	-72	50-60 cm	0	0	Faunal	Bone	54	0	0	0	7.1
3010	Unit	28S/72W	-28	-72	60-70 cm	0	0	Debitage	Quartz	10	0	0	0	0.8
3011	Unit	28S/72W	-28	-72	60-70 cm	0	0	Debitage	Andesite	27	0	0	0	11
3012	Unit	28S/72W	-28	-72	60-70 cm	0	0	Debitage	Felsite	25	0	0	0	5.3
3013	Unit	28S/72W	-28	-72	60-70 cm	0	0	Debitage	Cryprocryst	3	0	0	0	0
3014	Unit	28S/72W	-28	-72	60-70 cm	0	0	Faunal	Bone	60	0	0	0	6.4
3015	Unit	28S/72W	-28	-72	60-70 cm	0	0	Flake tool	Cryprocryst	1	2.6	1.2	0.6	2.3
3016	Unit	28S/72W	-28	-72	70-80 cm	0	0	Flake tool	Andesite	5	2.3	1.8	0.2	1
3017	Unit	28S/72W	-28	-72	70-80 cm	0	0	Debitage	Felsite	1	0	0	0	2.1
3018	Unit	28S/72W	-28	-72	70-80 cm	0	0	Debitage	Cryprocryst	6	0	0	0	0.2
3019	Unit	28S/72W	-28	-72	70-80 cm	0	0	Debitage	Andesite	10	0	0	0	1.4
3020	Unit	28S/72W	-28	-72	70-80 cm	0	0	Faunal	Bone	1	0	0	0	0.7
3021	Unit	28S/71W	-28	-71	0-10 cm	0	0	Mano	Granitic	1	7.2	4.8	4.8	199.4
3022	Unit	28S/71W	-28	-71	0-10 cm	0	0	Historic	Metal	1	0	0	0	0
3023	Unit	28S/71W	-28	-71	0-10 cm	0	0	Historic	Cement	1	0	0	0	0
3024	Unit	28S/71W	-28	-71	0-10 cm	0	0	Flake tool	Felsite	1	3.2	1.6	1.8	10.3

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
3025	Unit	28S/71W	-28	-71	0-10 cm	0	0	Debitage	Andesite	13	0	0	0	43.2
3026	Unit	28S/71W	-28	-71	0-10 cm	0	0	Debitage	Basalt	1	0	0	0	0.1
3027	Unit	28S/71W	-28	-71	0-10 cm	0	0	Debitage	Quartz	2	0	0	0	0.8
3028	Unit	28S/71W	-28	-71	0-10 cm	0	0	Debitage	Felsite	14	0	0	0	32.6
3029	Unit	28S/71W	-28	-71	0-10 cm	0	0	Faunal	Bone	20	0	0	0	6.6
3030	Unit	28S/71W	-28	-71	0-10 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.8
3031	Unit	28S/71W	-28	-71	10-20 cm	0	0	Historic	Metal	1	0	0	0	0
3032	Unit	28S/71W	-28	-71	10-20 cm	0	0	Debitage	Quartz	1	0	0	0	0.4
3033	Unit	28S/71W	-28	-71	10-20 cm	0	0	Debitage	Cryprocryst	2	0	0	0	0.4
3034	Unit	28S/71W	-28	-71	10-20 cm	0	0	Flake tool	Felsite	1	2.9	2	0.8	7.1
3035	Unit	28S/71W	-28	-71	10-20 cm	0	0	Debitage	Felsite	13	0	0	0	18.5
3036	Unit	28S/71W	-28	-71	10-20 cm	0	0	Debitage	Andesite	17	0	0	0	22.3
3037	Unit	28S/71W	-28	-71	10-20 cm	0	0	Faunal	Bone	24	0	0	0	2.6
3038	Unit	28S/71W	-28	-71	10-20 cm	0	0	Charcoal	Charcoal	1	0	0	0	1
3039	Unit	28S/71W	-28	-71	20-30 cm	0	0	Blade	Cryprocryst	1	1.9	0.8	0.1	0.5
3040	Unit	28S/71W	-28	-71	20-30 cm	0	0	Flake tool	Quartz	1	3	2.4	0.4	5.9
3041	Unit	28S/71W	-28	-71	20-30 cm	0	0	Debitage	Quartz	3	0	0	0	1.5
3042	Unit	28S/71W	-28	-71	20-30 cm	0	0	Mano	Granitic	1	5	4.8	3.5	88.4
3043	Unit	28S/71W	-28	-71	20-30 cm	0	0	Debitage	Andesite	32	0	0	0	33.5
3044	Unit	28S/71W	-28	-71	20-30 cm	0	0	Debitage	Felsite	15	0	0	0	7.2
3045	Unit	28S/71W	-28	-71	20-30 cm	0	0	Faunal	Bone	34	0	0	0	9.9
3046	Unit	28S/71W	-28	-71	20-30 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.7
3047	Unit	28S/71W	-28	-71	30-40 cm	0	0	Mano	Granitic	1	0	0	0	0
3048	Unit	28S/71W	-28	-71	30-40 cm	0	0	Hammer	Metavolcanic	1	5.7	4.9	2	73.4
3049	Unit	28S/71W	-28	-71	30-40 cm	0	0	Debitage	Cryprocryst	3	0	0	0	3.2
3050	Unit	28S/71W	-28	-71	30-40 cm	0	0	Debitage	Andesite	23	0	0	0	8.9
3051	Unit	28S/71W	-28	-71	30-40 cm	0	0	Debitage	Felsite	34	0	0	0	12.8
3052	Unit	28S/71W	-28	-71	30-40 cm	0	0	Faunal	Bone	2	0	0	0	0.8
3053	Unit	28S/71W	-28	-71	40-50 cm	0	0	Flake tool	Felsite	1	8.2	6.3	1	97.2
3054	Unit	28S/71W	-28	-71	40-50 cm	0	0	Debitage	Cryprocryst	4	0	0	0	0.7
3055	Unit	28S/71W	-28	-71	40-50 cm	0	0	Debitage	Quartz	2	0	0	0	0.4
3056	Unit	28S/71W	-28	-71	40-50 cm	0	0	Debitage	Andesite	20	0	0	0	23.4
3057	Unit	28S/71W	-28	-71	40-50 cm	0	0	Debitage	Felsite	13	0	0	0	8.7
3058	Unit	28S/71W	-28	-71	40-50 cm	0	0	Faunal	Antler	1	0	0	0	0.3
3059	Unit	28S/71W	-28	-71	40-50 cm	0	0	Faunal	Bone	118	0	0	0	17.2
3060	Unit	28S/71W	-28	-71	40-50 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.6
3061	Unit	28S/71W	-28	-71	50-60 cm	0	0	Faunal	Bone	108	0	0	0	15.3
3062	Unit	28S/71W	-28	-71	50-60 cm	0	0	Debitage	Quartz	8	0	0	0	2.6
3063	Unit	28S/71W	-28	-71	50-60 cm	0	0	Debitage	Andesite	67	0	0	0	33.3
3064	Unit	28S/71W	-28	-71	50-60 cm	0	0	Debitage	Felsite	6	0	0	0	1.8
3065	Unit	28S/71W	-28	-71	50-60 cm	0	0	Charcoal	Charcoal	1	0	0	0	0.6
3066	Unit	28S/71W	-28	-71	60-70 cm	0	0	Faunal	Bone	106	0	0	0	17

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKNI	WEIGHT
3067	Unit	28S/71W	-28	-71	60-70 cm	0	0	Debitage	Quartz	4	0	0	0	10.3
3068	Unit	28S/71W	-28	-71	60-70 cm	0	0	Debitage	Felsite	35	0	0	0	7.6
3069	Unit	28S/71W	-28	-71	60-70 cm	0	0	Debitage	Andesite	14	0	0	0	21.3
3070	Unit	28S/71W	-28	-71	60-70 cm	0	0	Debitage	Cryprocryst	4	0	0	0	0.4
3071	Unit	28S/71W	-28	-71	70-80 cm	0	0	Debitage	Andesite	13	0	0	0	9.6
3072	Unit	28S/71W	-28	-71	70-80 cm	0	0	Debitage	Felsite	8	0	0	0	2.5
3073	Unit	28S/71W	-28	-71	70-80 cm	0	0	Debitage	Quartz	2	0	0	0	0.2
3074	Unit	28S/71W	-28	-71	70-80 cm	0	0	Faunal	Bone	14	0	0	0	1
3075	Unit	28S/71W	-28	-71	80-90 cm	0	0	Faunal	Bone	1	0	0	0	0.2
3076	Unit	28S/71W	-28	-71	80-90 cm	0	0	Debitage	Felsite	3	0	0	0	0.2
3077	Feature	27S/72W	-27	-72	0	1	A25	Mano/Pestle	Granitic	1	17	8	6	1172
3078	Feature	27S/72W	-27	-72	0	1	R	Mano	Granitic	1	9.6	5.6	4.6	67.6
3079	Feature	27S/72W	-27	-72	0	1	A3	Mano	Granitic	1	9	5	4	130.1
3080	Feature	27S/72W	-27	-72	0	1	C	Mano	Granitic	1	5.3	4	2.2	62.2
3081	Feature	27S/72W	-27	-72	0	1	B	Flake tool	Andesite	1	6.1	4.6	1.1	65.5
3082	Feature	27S/72W	-27	-72	0	1	A35	Mano	Granitic	1	3.2	2.1	1.4	10
3083	Feature	27S/72W	-27	-72	0	1	A20	Mano	Granitic	1	4.1	3.5	1.7	33.5
3084	Feature	27S/72W	-27	-72	0	1	A	Flake tool	Felsite	1	5.7	4.2	2.2	80.3
3085	Feature	27S/72W	-27	-72	0	1	D	Flake tool	Cryprocryst	1	3.6	1	0.6	5
3086	Feature	27S/72W	-27	-72	0	1	J	Mano	Granitic	1	8	6.6	5	326.4
3087	Feature	27S/72W	-27	-72	0	1	A	Mano	Granitic	1	21.4	16.8	6.9	0
3088	Feature	27S/72W	-27	-72	0	1	A10	Hammer	Welded Tuff	1	10.5	6.4	5	500.3
3089	Feature	27S/72W	-27	-72	0	1	B	Chopper	Rhyolite	1	7.4	5.8	2.5	180
3090	Feature	27S/72W	-27	-72	0	1	A34	Discard	Discard	1	6.4	3.6	2.2	96.8
3091	Feature	27S/72W	-27	-72	0	1	A21	Hammer	Quartz	1	6.1	5.6	3.5	190.4
3092	Feature	27S/72W	-27	-72	0	1	Q	Metate	Granitic	1	6	4.2	2.4	60
3093	Feature	27S/72W	-27	-72	0	1	A20	Ground stone	Granitic	1	5.2	4.4	2.2	73.7
3094	Feature	27S/72W	-27	-72	0	1	A36	Mano	Metavolcanic	1	5.8	3.7	3.5	117.5
3095	Feature	27S/72W	-27	-72	0	1	C	Ground stone	Granitic	1	8.8	6.5	2.5	209.3
3096	Feature	27S/72W	-27	-72	0	1	A33	Mano	Metavolcanic	1	7.2	6	2	126.6
3097	Feature	28S/72W	-28	-72	0	1	D	Mano	Granitic	1	5.5	4.5	2.7	93.4
3098	Feature	28S/72W	-28	-72	0	1	2	Mano	Granitic	1	13	10.6	5.2	1122.6
3099	Feature	28S/72W	-28	-72	0	1	A16	Mano	Granitic	1	6.6	4.5	3.7	139
3100	Unit	18N/74W	18	-74	50-60 cm	0		Debitage	Felsite	7	0	0	0	6.3
3101	Unit	18N/74W	18	-74	50-60 cm	0		Faunal	Bone	6	0	0	0	0.9
3102	Unit	18N/74W	18	-74	60-70 cm	0		Debitage	Andesite	7	0	0	0	7.6
3103	Unit	18N/74W	18	-74	60-70 cm	0		Debitage	Cryprocryst	1	0	0	0	0.1
3104	Unit	18N/74W	18	-74	60-70 cm	0		Debitage	Felsite	7	0	0	0	1.9
3105	Unit	18N/74W	18	-74	60-70 cm	0		Debitage	Quartz	1	0	0	0	5.4
3106	Unit	18N/74W	18	-74	60-70 cm	0		Faunal	Bone	4	0	0	0	0.6
3107	Unit	18N/74W	18	-74	70-80 cm	0		Debitage	Felsite	1	0	0	0	0.1
3573	Unit	18N/74W	18	-74	0-10 cm	0		Debitage	Andesite	1	0	0	0	0.6

CAT #	UNIT TYPE	PROVENIENC	NRTH/STH	EST/WST	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	MATERIAL	QUAN	LENGTH	WIDTH	THICKN	WEIGHT
3700	Feature	28S/72W	-28	-72	0	1	A	Metate	Granitic	1	5.5	3	2.5	66.6
3701	Feature	28S/72W	-28	-72	0	1	O	Mano	Granitic	1	6.1	4.2	4.2	168.4
3702	Feature	28S/71W	-28	-71	0	1	I	Mano	Granitic	1	10.1	9.1	5.8	241.3
3703	Feature	28S/71W	-28	-71	0	1	K	Mano	Granitic	1	11	6	4.2	424.1
3704	Feature	28S/71W	-28	-71	0	1	J	Mano	Granitic	1	10.5	8.1	5.1	673.5
3705	Feature	28S/71W	-28	-71	0	1	D	Metate	Granitic	1	24.4	17.4	6.5	0
3706	Feature	28S/71W	-28	-71	0	1	U	Core	Andesite	1	6.4	2.8	3.4	112.7
3707	Feature	28S/71W	-28	-71	0	1	M	Ground stone	Granitic	1	4.7	4	2	47.4
3708	Feature	28S/71W	-28	-71	0	1	T	Debitage	Felsite	1	3	1.6	1.2	5.2
3709	Surface	47.9S 59.8W			Surface	0		Projectile Point	Felsite	1	2.2	1.4	0.2	2.3
3710	Surface	12S 48W			Surface	0		Mano	Metavolcanic	1	10	5.7	4.1	392.3
3711	Surface				Surface	0		Projectile Point	Andesite	1	4.2	2.8	0.6	9
3712	Surface				Surface	0		Debitage	Felsite	1	0	0	0	16.2
3713	Surface				Surface	0		Core	Cryprocryst	1	4.6	4	2.4	55.5
3714	Unit	24N/96W	24	-96	30-40 cm	0		Mano	Granitic	1	12	8.9	4.6	90.9

CAT #	UNIT TYPE	PROVENIENC	UNIT	LEVEL	FEAT #	FEAT ITEM	ARTIFACT	PORTION	MATERIAL	QUAN	LENGTH	WIDTH	THICKNESS	WEIGHT
1	Unit		1	20-30 cm	0		Debitage	Com	Metavolcanic	1	0	0	0	4.6
2	Unit		1	60-70 cm	0		Debitage	Com	Metavolcanic	2	0	0	0	1.6
3	Unit		1	10-20 cm	0		Debitage	Com	Metavolcanic	2	0	0	0	6.7
4	Unit		1	60-70 cm	0		Faunal	Frag	Bone	1	0	0	0	1.2
5	Unit		1	30-40 cm	0		Debitage	Com	Undif	3	0	0	0	1.6
6	Unit		1	5-60 cm	0		Debitage	Com	Undif	2	0	0	0	0.8
7	Unit		1	40-50 cm	0		Debitage	Com	Undif	3	0	0	0	7.9
8	Surface	Adjacent to STP 12	0	Surface	0	1	Debitage	Com	Metavolcanic	1	0	0	0	4.3
9	Surface		0	Surface	0	2	Debitage	Com	Metavolcanic	1	0	0	0	33.2

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
0	9192	1x2m	S18/W6	80-90	soilsample	NA							1	frag	compacted fire-burned soi
1	1982	1x2m	S15/E10	surface	shell	ornament		1.6	1.1	0.1			1	frag	ABALONE
2	1982	1x2m	S18/W12	surface	shell	bead							2		bead #1 .7cmX.5cmX.1c
3	1981	1x2m	S26/W8	0-10	flakedstone	projectilept		2.1	1.8	0.2		1.3	1	frag	base, green felsite
4	1981	1x2m	S13/E14	surface	pottery	TizonBrown		2.2	1.0	1.3			1		clay effigy
5	1981	1x2m	S22/W4	10-20	shell	NA		2.5	1.3	0.1			1		abalone shell pendant
6	1981	1x2m	S28/W8	0-10	shell	NA		2.0	0.6	0.2			1		abalone shell fishhook
7	1981	1x2m	S26/W10	surface	pottery	TizonBrown		2.6	2.5	0.5			1		rim sherd
8	1981	1x2m	S21/W8	surface	pottery	TizonBrown							4		1 rim sherd
9	1981	1x2m	S11/W10	surface	flakedstone	projectilept		5.9	2.3	0.7		12.8	1	frag	felsite, slightly porphyriti
10	1981	1x2m	S23/W4	surface	flakedstone	projectilept	chalcedony	2.3	1.3	0.2		1.2	1	frag	south of s22/w4, south of
11	1981	1x2m	S17/W12	surface	flakedstone	projectilept	chert	2.8	1.4	0.4		1.7	1	frag	small tynguylar, lt. gun m
12	1981	1x2m	S13/E14	surface	pottery	pipe		2.7	1.7	1.7			1		tizon brownware
13	1981	1x2m	S18/W12	10-20	pottery	TizonBrown		4.8	2.2	0.7			1	frag	check s18w0 level surface
14	1981	1x2m	S19/W12	surface	pottery	pipe		2.0	1.6	0.5			1	frag	tizon brown, found in surf
15	1981	1x2m	S18/W12	10-20	shell	bead							3		one broken, olivella
16	1981	1x2m	S18/W12	10-20	shell	bead							46		olivella, 40 whole 6 1/2 s
17	1981	1x2m	S18/W12	10-20	shell	bead		0.6	0.6	0.2			1		olivella, disc
18	1981	1x2m	S18/W12	20-30	shell	bead		0.6	0.6	0.2			1		chione, disk
19	1981	1x2m	S18/W12	20-30	shell	bead		0.7	0.6	0.1			1		disk, olivella
20	1981	1x2m	S18/W12	20-30	shell	bead		0.4	0.4	0.3			1		olivella, barrel, white
21	1981	1x2m	S18/W12	20-30	shell	bead							31		24 whole, 9 frag, most sh
22	1981	1x2m	S9/E6	surface	glass	bead		0.3	0.3	0.1			1	com	tube, blue, modern histori
23	1981	1x2m	S13/E14	surface	glass	bead		0.4	0.2	0.1			1		blue tube, modern historic
24	1981	1x2m	S20/W10	surface	shell	bead		0.6	0.5	0.1			2		olivella. Disk
25	1981	1x2m	S9/E6	surface	shell	bead		0.6	0.5	0.1			1		disk, olivella
26	1981	1x2m	S12/E10	surface	shell	bead		1.0	0.6	0.1			1		olivella
27	1981	1x2m	S14/W9	surface	flakedstone	projectilept	quartz	1.0	1.4	0.6			1		olivella
28	1981	1x2m	S18/W12	30-40	flakedstone	projectilept	quartz	1.5	0.9	0.3			1	frag	base
29	1981	1x2m	S22/W4	20-30	flakedstone	projectilept	quartz	2.0	0.8	0.4			1	frag	base
30	1981	1x2m	S17/E10	10-20	shell	marine shell		3.9	2.2	0.4			1	frag	mytilus
31	1981	1x2m	S17/E10	10-20	flakedstone	projectilept	quartz	2.1	1.4	0.4		1.1	1		base
32	1981	1x2m	S17/E14	0-10	flakedstone	projectilept	quartz	2.0	1.2	0.6	9.0	1.1	1	frag	
33	1981	1x2m	S26/W12	30-40	flakedstone	projectilept	quartz	2.6	1.3	0.1		1.1	1	frag	
34	1981	1x2m	S17/E6	10-20	flakedstone	projectilept	other	2.3	1.3	0.3		1.2	1		BASALT
35	1981	1x2m	S5/E6	10-20	shell	bead		0.6	0.6	0.1			1		DISC
36	1981	1x2m	S26/W12	10-20	flakedstone	projectilept	quartz	1.5	1.5	0.2		0.6	1		BASE, EAR BROKEN O

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
37	1981	1x2m	S13/E10	0-10	pottery	pipe		3.4	1.8	0.9			1	frag	TIZON,
38	1981	1x2m	S13/E10	0-10	bone	NA		1.3	0.8	0.6			1	frag	METAPOD FRAG. MET
39	1981	1x2m	S9/E10	10-20	flakedstone	projectilept		1.3	0.6	0.2		0.3	1	frag	
41	1981	1x2m	S17/E10	10-20	bone	NA		2.8	2.6	1.4			1	frag	MISSING 4/4/90
42	1981	1x2m	S13/E14	0-10	pottery	TizonBrown		2.8	2.3	0.6			1	frag	33S-72E
43	1981	1x2m	S18/W12	20-30	bone	NA		13.5	2.8	0.8			1	frag	TIBIA, CUTvs. Broken
44	1981	1x2m	S17/E14	0-10	flakedstone	debitage	obsidian	1.9	0.5	0.3	0.7		1		DRK GREY, w/INCLUSI
45	1981	1x2m	S18/W12	30-40	shell	bead		0.6	0.6	0.1			107	various	84 whole 23 frag.
46	1981	1x2m	S18/W12	30-40	shell	bead		0.2	0.5				1		BARREL BEAD
47	1981	1x2m	S18/E12	surface	shell	bead		0.6	0.5	0.1			7	various	
48	1981	1x2m		surface	flakedstone	projectilept	quartz	1.3	1.9	0.4		1.4	1	frag	BASE, KNOTCH BASE,
49	1981	1x2m	S13/E10	0-10	flakedstone	projectilept	quartz	2.5	1.0	0.4		2.4	1	frag	BASE, CENTER, OBLO
50	1981	1x2m	S25/W0	surface	shell	bead		0.3	0.7				1		BARREL SHAPE, OLIV
51	1981	1x2m	S13/E14	surface	bone	NA		2.2	0.7	0.3			1		MODIFIED, MISSING 4/
52	1981	1x2m	S17/E10	10-20	bone	NA		3.3	1.5	0.5			2	frag	BURNT, MISSING 4/4/9
53	1981	1x2m	S22/W2	surface	bone	NA		1.0	0.9	0.4			1		HUMAN TOOTH, BUR
54	1981	1x2m	S13/E10	0-10	bone	NA		2.3	1.0	0.2			1	frag	POLISHED
55	1981	1x2m	S18/W12	30-40	bone	NA		1.2	0.7	0.2			1		FISH VERTEBRA
56	1981	1x2m	S23/W0	surface	bone	NA		2.0	0.7	0.6			1		ANTLER, TIP, N20-W11
57	1981	1x2m	S23/W2	surface	bone	NA		2.1	0.6	0.1			1		HIGHLY POLISHED
58	1981	1x2m	S13/E10	10-20	bone	awl		0.9	0.4	0.2			1	frag	TIP
59	1981	1x2m	S25/W2	surface	bone	awl		2.1	0.6	0.4			1	frag	BURNT,
60	1981	1x2m	S17/E10	10-20	shell	NA		0.8	0.9	0.2			1	frag	SEA URCHIN, 77S-78E
61	1981	1x2m	S13/E10	20-30	glass	bead		0.3	0.3	0.3			1		IRRIDESCENT BLUE
62	1981	1x2m	S13/E10	20-30	glass	bead		0.3	0.3	0.3			1		IRRIDESCENT BLUE
63	1981	1x2m	S5/E6	10-20	glass	bead		0.4	0.4	0.4			1		HIGHLY BURNED
64	1981	1x2m	S13/E10	surface	glass	bead		0.4	0.4	0.3			1		WHITE
65	1981	1x2m	S13/E10	surface	shell	bead		0.5	0.5	0.1			1		OLIVELLA, DISC
66	1981	1x2m	S22/W0	10-20	flakedstone	projectilept	quartz	1.8	1.1	0.2		0.7	1		
67	1981	1x2m	S22/W0	10-20	flakedstone	projectilept		1.4	1.0	0.2		0.3	1		BASALT
68	1981	1x2m	S18/W0	20-30	flakedstone	projectilept	quartz	0.8	0.6	0.3		0.1	1	frag	TIP
69	1981	1x2m	S17/E10	20-30	flakedstone	projectilept		2.7	2.0	0.7		2.7	1		PORPHYRITIC BASAL
70	1981	1x2m	S13/E14	surface	bone	NA		1.2	0.5	0.4			1		
71	1981	1x2m	S17/E6	0-10	flakedstone	debitage	obsidian	1.3	0.9	0.2			1	frag	
72	1981	1x2m	S9/E10	surface	flakedstone	debitage	obsidian	1.1	0.9	0.4			1		
73	1981	1x2m	S22/W8	10-20	flakedstone	debitage	obsidian	1.5	1.1	0.3			1	frag	OBSIDIAN BUTTE (sour
74	1981	1x2m	S13/E14	10-20	flakedstone	projectilept	quartz	2.0	1.3	0.4		1.0	1	frag	TIP

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
75	1981	1x2m	S26/W10	surface	flakedstone	projectilept	quartz	1.5	0.9	0.3		0.9	1	frag	TIP
76	1981	1x2m	S22/W8	10-20	flakedstone	projectilept	quartz	1.2	1.1	0.2	12.0	0.5	1	frag	N31 E53, BASE
77	1981	1x2m	S22/W4	20-30	flakedstone	projectilept	quartz	2.9	1.1	0.3		1.1	1	frag	1BASE EAR MISSING
78	1981	1x2m	S17/E10	10-20	flakedstone	projectilept	other	1.3	1.2	0.3		0.6	1	frag	TIP
79	1981	1x2m	S21/W4	surface	flakedstone	projectilept	quartz	2.0	1.1	0.2		0.8	1		UNIFACIAL
80	1981	1x2m	S22/W0	10-20	flakedstone	utilizedflake	quartzite	2.5	1.4	0.2			1		
81	1981	1x2m	S22/W0	10-20	flakedstone	projectilept	quartzite	1.9	1.7	0.7		1.9	1	frag	BLANK,`
82	1981	1x2m	S26/W12	30-40	flakedstone	projectilept	chert	2.5	1.3	0.3	38.0	0.7	1		90 Sx115 Ex 38 deep
83	1981	1x2m	S9/E6	0-10	flakedstone	projectilept	quartz	2.0	1.4	0.4		1.1	1	frag	BASE
84	1981	1x2m	S9/E6	0-10	flakedstone	projectilept	quartz	1.8	1.2	0.3		0.9	2	frag	2
85	1981	1x2m	S17/E10	10-20	flakedstone	debitage	obsidian	1.2	0.9	0.2			1		
86	1981	1x2m	S17/E10	10-20	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
87	1981	1x2m	S17/E10	10-20	flakedstone	utilizedflake	obsidian	1.0	0.5	0.1			1	frag	BLADE FLAKE
88	1981	1x2m	S26/W12	10-20	flakedstone	projectilept	quartz	1.1	1.0	0.2		0.3	1	frag	TIP
89	1981	1x2m	S14/W4	10-20	flakedstone	projectilept	quartz	1.2	1.4	0.3	20.0	0.6	1		BASE, 26N x 28E
90	1981	1x2m	S22/W0	10-20	flakedstone	projectilept	other	3.2	1.9	0.4		2.6	1		FOUND W/ #91 (CORE)
91	1981	1x2m	S22/W0	10-20	flakedstone	core	other	5.2	2.8	3.0			1		ASSOCIATED W/ # 90
92	1981	1x2m	S9/E6	0-10	shell	bead							3		OLIVELLA
93	1981	1x2m	S18/W12	20-30	shell	bead							6		OLIVELLA
94	1981	1x2m	S17/E14	surface	shell	bead		0.4	0.4	0.1			1		OLIVELLA, BURNT, 79
95	1981	1x2m	S18/W0	surface	flakedstone	projectilept	quartz	1.0	0.8	0.3		0.3	1	frag	TIP
96	1981	1x2m	S24/W2	surface	shell	bead		1.1	0.7	0.1			1		OLIVELLA, ABRADED
97	1981	1x2m	S22/W0	10-20	shell	marine shell		2.1	0.8	0.1		0.6	1	frag	CHITON
98	1981	1x2m	S18/W12	0-10	shell	bead		1.1	0.6	0.1			1		OLLIVELLA
99	1981	1x2m	S13/E16	10-20	shell	bead		0.5	0.5	0.1			1		CYLINDER
100	1981	1x2m	S18/W0	surface	shell	marine shell		1.1	0.5	0.1		0.3	1		OLIVELLA
101	1981	1x2m	S18/W12	surface	bone	NA		2.9	1.0	0.5			1		BUTCHERED, VISIBLE
102	1981	Surface	Under she	surface	flakedstone	projectilept	other	2.8	1.0	0.4		1.1	1	frag	CENTER SECTION,S17
103	1981	1x2m	S5/E6	10-20	pottery	NA		4.2	4.1	0.5			1	frag	DESERT BUFF
104	1981	1x2m	S22/W0	10-20	pottery	TizonBrown		5.3	3.2	0.6			1	frag	RIM SHERD
105	1981	1x2m	S14/W8	10-20	pottery	TizonBrown		3.8	2.7	0.5			1	frag	RIM SHERD
106	1981	1x2m	S14/W8	10-20	bone	NA		3.9	0.8	0.3			1	frag	
107	1981	1x2m	S14/W8	10-20	flakedstone	projectilept	quartz	1.5	0.9	0.3			1	frag	
108	1981	1x2m	S18/E10	20-30	pottery	NA		7.3	5.2	0.7			1	frag	RIM & SHOULDER SH
109	1981	1x2m	S18/W12	30-40	shell	bead							213	VARIES	OLIVELLA, DISC, 154
110	1981	1x2m	S14/W8	0-10	bone	NA		2.7	1.5	0.3			1	fragment/b	POLISHED, POSS. BUR
111	1981	1x2m	S22/W0	10-20	flakedstone	scraper	chert	1.8	0.9	4.0			1		END SCRAPER

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
112	1981	1x2m	S9/E10	20-30	glass	bead		0.4	0.3	0.3			1		MODERN HISTORIC, C
113	1981	1x2m	S9/E6	0-10	glass	bead		0.4	0.3	0.3			1		MODERN HISTORIC, C
114	1981	1x2m	S9/E10	20-30	glass	bead		0.3	0.3	0.3			1		MODERN HISTORIC, C
115	1981	1x2m	S9/E6	0-10	glass	bead		0.3	0.3	0.3			1		BURNT
116	1981	1x2m	S9/E10	20-30	glass	bead		0.3	0.3				1		MODERN, HISTORIC,
117	1981	1x2m	S13/E14	10-20	pottery	TizonBrown		2.5	2.2	0.6			1	frag	RIM SHERD
118	1981	1x2m	S17/E10	10-20	bone	NA		1.3	0.6	0.1			1	frag	POSS. POLISHED
119	1981	1x2m	S9/E10	surface	shell	bead		1.0	0.6	0.5			1		OLIVELLA
120	1981	1x2m	S26/W12	30-40	shell	bead							4		OLIVELLA, DISC, BUR
121	1981	1x2m	S13/E14	10-20	bone	awl		1.6	0.5	0.3			1	frag	TIP
122	1981	1x2m	S9/E6	0-10	pottery	TizonBrown		3.7	1.9	0.5			1	frag	ALTERD SHERD
123	1981	1x2m	S9/E10	20-30	pottery	TizonBrown		3.2	2.4	0.4			1		ALTERED SHERD, LIG
124	1981	1x2m	S22/W0	10-20	shell	marine shell							2	frag	ABALONE
125	1981	1x2m	S5/E6	10-20	shell	bead		0.8	0.5	0.1			1		OLIVELLA
126	1981	1x2m	S18/W12	30-40	shell	bead							174	VARIES	
127	1981	1x2m	S18/W12	30-40	shell	bead		0.7	0.7	0.1			1		OLIVELLA, DOMED, A
128	1981	1x2m	S18/W12	30-40	shell	bead		1.0	0.5	0.1			1		OLIVELLA
129	1981	1x2m	S22/W0	10-20	shell	NA		3.3	1.2	0.2		2.8	1	frag	COWRY
130	1981	1x2m	S17/E14	0-10	flakedstone	debitage	obsidian	1.3	0.8	0.1	7.0		1		N10 x E42
131	1981	1x2m	S22/W0	10-20	flakedstone	debitage	obsidian	1.2	0.8	0.4			1		
132	1981	1x2m	S5/E6	10-20	pottery	TizonBrown		1.9	1.3	0.5			1	frag	RIM SHERD, INSCISED
133	1981	1x2m	S18/W12	20-30	pottery	TizonBrown		3.1	1.8	0.8			1	frag	RIM SHERD
134	1981	1x2m	S18/W0	0-10	pottery	ColoradoBuff		2.5	2.3	0.7			1	frag	BUFF WASH, VISIBLE
135	1981	1x2m	S18/W0	0-10	flakedstone	utilizedflake	quartz	2.2	1.9	0.2			1		
136	1981	1x2m	S18/W12	20-30	pottery	TizonBrown		3.8	2.6	0.6			1	frag	RIM SHERD
137	1981	1x2m	S22/W8	20-30	shell	bead							1	frag	MISSING 4/4/90
138	1981	1x2m	S24/W12	surface	shell	bead		0.6	0.6	0.1			1		OLIVELLA, DISC
139	1981	1x2m	S18/W12	30-40	shell	bead		0.2	0.2	0.1			3		OLIVELLA, EXCEPTIN
140	1981	1x2m	S25/W0	10-20	flakedstone	projectilept	quartz	2.0	2.2	0.6		4.0	1	frag	LARGE
141	1981	1x2m	S26/W0	10-20	flakedstone	projectilept	chalcedony	2.2	1.5	0.3		0.9	1	frag	MANY INCLUSIONS
142	1981	1x2m	S18/W0	20-30	flakedstone	projectilept	chert	1.2	0.6	0.2		0.2	1	frag	TIP
143	1981	1x2m	S5/E6	20-30	flakedstone	projectilept	quartz	1.9	1.0	0.4		0.8	1		
144	1981	1x2m	S17/E10	20-30	flakedstone	projectilept	quartz	1.5	1.5	0.4		1.4	1	frag	BASE
145	1981	1x2m	S17/E10	20-30	flakedstone	projectilept	chert	2.3	1.7	0.3		1.3	1		MULTICOLOR BANDI
146	1981	1x2m	S17/E10	20-30	flakedstone	utilizedflake	chert	1.7	1.6	0.8			1		BLADE SCRAPER
147	1981	1x2m	S23/W10	surface	shell	bead		1.4	0.8	0.1			1		OLIVELLA, POLISHED,
148	1981	1x2m	S22/W8	20-30	shell	bead		0.9	0.5	0.5			1	com	Olivella

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
149	1981	1x2m	S13/E6	20-30	flakedstone	projectilept	other	2.2	1.5	0.4		1.5	1		BASALT,TRIANGULAR
150	1981	1x2m	S5/E6	20-30	flakedstone	projectilept	quartz	2.5	1.2	0.4		1.1	1	frag	
151	1981	1x2m	S17/E10	20-30	flakedstone	scraper	MVporphyritic	3.0	2.0	0.6			1		FELSITE
152	1981	1x2m	S17/E14	0-10	flakedstone	debitage	obsidian	1.3	0.7	0.3			1		
153	1981	1x2m	S5/E6	20-30	flakedstone	projectilept	quartz	2.0	0.9	0.3			1	frag	TIP
154	1981	1x2m	S17/E14	10-20	flakedstone	projectilept	quartz	1.6	1.6	0.2		0.5	1	frag	BASE
155	1981	1x2m	S14/W4	10-20	flakedstone	utilizedflake	other	2.1	1.3	0.4			1		BASALT
156	1981	1x2m	S17/E6	10-20	flakedstone	debitage	obsidian						4		POSS. BEVELED EDGE
157	1981	1x2m	S12/E10	surface	shell	bead		0.4	0.4	0.1			1		CLAM, DISC
158	1981	1x2m	S22/W0	10-20	shell	bead							2		OLIVELLA
159	1981	1x2m	S22/W0	0-10	shell	bead		0.5	0.6				1		OLIVELLA, BARREL
160	1981	1x2m	S19/W10	surface	shell	bead		0.6	0.6	0.2			1		OLIVELLA
161	1981	1x2m	S24/W12	surface	shell	bead		0.6	0.6	0.1			1		OLIVELLA, DISC
162	1981	1x2m	S5/E6	0-10	shell	bead		0.8	0.6				1		OLIVELLA,BARREL, B
163	1981	1x2m	Roadside	surface	pottery	TizonBrown		4.3	3.9	1.1			1	frag	BASKET IMPRINTS, FI
164	1981	1x2m	S24/W12	surface	shell	bead		1.4	0.8	0.8			1		OLIVELLA
165	1981	1x2m	Roadside	40-50	flakedstone	crescentic		3.8	3.1	0.7			1		
166	1981	1x2m	Roadside	surface	pottery	TizonBrown		2.0	1.9	0.4			1	frag	INSCISED
167	1981	1x2m	S18/W0	surface	pottery	ColoradoBuff		4.0	3.6	0.5			1	frag	FOUND 342 E.x 400cm
168	1981	1x2m	S9/E10	20-30	shell	marine shell		1.8	0.7	0.1			1		CALIFORNIA HORN
169	1981	1x2m	S12/E10	surface	flakedstone	projectilept	other	2.1	1.1	0.2		0.5	1		BASALT
170	1981	1x2m	S6/E6	surface	flakedstone	projectilept	other	3.0	1.5	0.3		1.5	1		BASALT
171	1981	1x2m	S22/W0	20-30	flakedstone	projectilept	quartz	2.0	1.5	0.5			1	frag	BLANK TIP
172	1981	1x2m	S26/W0	10-20	flakedstone	projectilept	MVporphyritic	3.2	1.5	0.6		2.2	1		BASALT
173	1981	1x2m	S7/E6	surface	glass	bead		0.4	0.3	0.3			1		MODERN HISTORIC, B
174	1981	1x2m	S10/E8	surface	pottery	TizonBrown		3.3	2.4	0.5			1	frag	ALTERED SHERD
175	1981	1x2m	S13/E14	10-20	pottery	ColoradoBuff		3.4	2.8	0.6			1	frag	ALTERED SHERD, INS
176	1981	Surface	S9/E2	surface	pottery	TizonBrown		3.1	2.6	0.6			1	frag	
177	1981	1x2m	S13/E14	10-20	pottery	TizonBrown		3.1	2.0	0.6			1	frag	ALTERED, POSS. PEN
178	1981	1x2m	S17/E6	20-30	flakedstone	debitage	obsidian	0.6	0.3	0.2			1	frag	
179	1981	1x2m	S17/E14	10-20	flakedstone	debitage	obsidian	0.7	0.5	0.1	17.0		1		E66xS26
180	1981	1x2m	S17/E14	10-20	flakedstone	debitage	obsidian	2.0	1.0	0.1			1		BLADE FLAKE
181	1981	1x2m	S11/E10	surface	flakedstone	knife	MVporphyritic	6.0	3.4	1.6		32.8	1	frag	LARGE
182	1981	1x2m	S17/E10	20-30	flakedstone	scraper	chalcedony	2.6	2.9	0.8			1		S63xE54
183	1981	1x2m	S10/E12	surface	bone	awl		2.2	0.9	0.5			1	frag	WEATHERED, BURNE
184	1981	1x2m	S9/E10	20-30	shell	marine shell							1		PECTEN w/ OYSTER A
185	1981	1x2m	S10/E8	surface	pottery	pipe		2.9	1.0	0.9			1	frag	STEM, SLIGHT ARC

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186	1981	1x2m	S17/E14	10-20	glass	NA		3.4	1.0	0.2			1	frag	MODERN HISTORIC, C
187	1981	1x2m	S9/E10	10-20	shell	marine shell		1.4	0.8	0.1			1	frag	CALIOFORNIA HORN
188	1981	1x2m	S12/E10	20-30	flakedstone	core	quartz	4.5	3.7	2.8	23.0		1		S23 E98
189	1981	1x2m	S18/W0	20-30	flakedstone	scraper	other	6.7	2.3	0.6			1		N16 E8
190	1981	1x2m	S18/W0	20-30	flakedstone	debitage	other						2		RHYOLITE
191	1981	1x2m	S17/E10	20-30	groundstone	hammr/grindr	quartzite	4.8	4.0	2.5			1	frag	COBBLE, S9 E23
192	1981	1x2m	S17/E10	20-30	groundstone	abrader	granitic	6.2	4.0	2.2			1	frag	S13xE169
193	1981	1x2m	S15/E10	surface	flakedstone	utilizedflake	quartz	3.3	3.0	1.1			1		
194	1981	1x2m	S17/E14	10-20	glass	NA		4.2	3.5	0.2	14.0		1	frag	MODERN HISTORIC, C
195	1981	1x2m	S18/W12	20-30	bone	NA							4	frag	A: DISTAL FEMUR, CO
196	1981	1x2m	S13/E14	10-20	pottery	NA		5.0	2.6	0.5			1	frag	RIM SHERD
197	1981	1x2m	S13/E6	20-30	bone	NA		0.9	0.4	0.4			1	frag	TOOTH, E40xS40
198	1981	1x2m	S8/E10	surface	pottery	pipe		12.0	10.0	3.0			1	frag	
199	1981	1x2m	S13/E6	20-30	bone	NA		0.6	0.6	0.4	30.0		1	frag	TOOTH, MAMMAL, RO
200	1981	1x2m	S9/E10	20-30	flakedstone	projectilept	obsidian	0.8	0.6	0.3		0.2	1	frag	TIP
201	1981	1x2m	S9/E10	20-30	bone	NA							3		VERTABRA, SNAKE, R
202	1981	1x2m	S17/E14	0-10	flakedstone	debitage	obsidian						4		POSS. CHERT
203	1981	1x2m	S17/E10	20-30	flakedstone	projectilept	quartz	1.0	0.7	0.2		0.3	1	frag	BASE
204	1981	1x2m	S17/E10	20-30	flakedstone	debitage	obsidian	1.4	1.0	0.3			1		
205	1981	1x2m	S11/E10	surface	flakedstone	projectilept	MVporphyritic	1.6	1.6	0.2			1	frag	BASALT, BASE
206	1981	1x2m	S17/E10	20-30	flakedstone	projectilept	MVporphyritic	2.7	1.5	0.2		1.1	1		BASALT
207	1981	1x2m	S17/E14	10-20	flakedstone	projectilept	other	1.1	0.5	0.2		0.2	1	frag	FELSITE, TIP
208	1981	1x2m	S17/E14	10-20	shell	bead		0.5	0.5	0.1			1		OLIVELLA
209	1981	1x2m	S18/W0	20-30	shell	bead		1.2	0.8	0.1			1		
210	1981	1x2m	S18/W0	20-30	shell	marine shell		1.2	0.7	0.1		0.4	1		OLIVELLA
211	1981	1x2m	S22/W0	20-30	shell	bead		0.4	0.6				1		OLIVELLA, BARREL, C
212	1981	1x2m	S22/W8	20-30	flakedstone	debitage	other	3.2	1.9	0.4			1		felcite.
213	1981	1x2m	S18/W0	20-30	shell	bead		1.4	0.8	0.1	26.0		1		BURNT, E36xS28
214	1981	1x2m	S6/E6	surface	shell	bead		0.8	0.8	0.1			1		
216	1981	1x2m	S18/W0	20-30	shell	bead		0.8	0.5	0.1			1		RELATIVELY LARGE
217	1981	1x2m	S18/W0	20-30	shell	marine shell		1.3	0.7	0.1		0.4	1		OLIVELLA
218	1981	1x2m	S9/E10	20-30	shell	bead		0.5	0.5	0.1			1		OLIVELLA
219	1981	1x2m	S5/E6	10-20	glass	bead		0.4	0.3	0.1			1		MODERN HISTORIC, B
220	1981	1x2m	S8/E4	surface	glass	bead		0.4	0.4	0.1			1		MODERN HISTORIC, B
221	1981	1x2m	S13/E6	20-30	glass	bead					26.5		10		MODERN HISTORIC, F
222	1981	1x2m	S22/W4	40-50	flakedstone	projectilept	MVporphyritic	1.6	1.4	0.2	45.0		1	frag	BASALT, BASE
223	1981	1x2m	S22/W4	40-50	pottery	TizonBrown		2.5	1.5	5.0			1	frag	RIM SHERD

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
224	1981	1x2m	S22/W4	40-50	bone	tool		3.3	0.5	0.2			1	frag	NEEDLE,POSS. POLIS
225	1981	1x2m	S14/W4	surface	flakedstone	scraper	quartz	2.9	1.1	0.4			1		CONVEX, SIDE SCRAP
226	1981	1x2m	S17/E6	20-30	flakedstone	multipurpose	chalcedony	2.2	1.8	0.4		2.8	1		
227	1981	1x2m	S22/W4	40-50	flakedstone	scraper	quartz	2.4	1.8	0.9			1		CONVEX, SIDE SCRAP
228	1981	1x2m	S22/W4	40-50	flakedstone	scraper	MVporphyritic	3.3	2.0	0.5			1		BASALT, BLADE FLAK
229	1981	1x2m	S22/W4	40-50	flakedstone	utilizedflake	MVporphyritic	2.9	1.4	0.3			1		BASALT
230	1981	1x2m	S22/W4	40-50	flakedstone	utilizedflake	MVporphyritic	2.0	1.1	0.2			1		BASALT
231	1981	1x2m	S17/E14	10-20	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		E112x S15
232	1981	1x2m	S17/E10	0-10	flakedstone	projectilept	obsidian	0.8	0.5	0.2			1	frag	TIP
233	1981	1x2m	S12/E14	surface	pottery	TizonBrown		3.0	2.2	0.6			1	frag	POSS. WHORL, MA
234	1981	1x2m	S22/W4	40-50	pottery	TizonBrown		3.8	2.8	0.6			1	frag	ALTERED SHERD, POS
235	1981	1x2m	S22/W4	40-50	pottery	TizonBrown		3.1	1.8	0.4			1	frag	RIM SHERD
236	1981	1x2m	S22/W4	40-50	pottery	pipe		1.4	1.1	0.7			1	frag	
237	1981	1x2m	S17/E14	10-20	glass	bottle		5.4	2.3	0.3			1		MODERN HISTORIC
238	1981	1x2m	S17/E10	surface	shell	bead		1.3	0.6	0.1			1		OLIVELLA
239	1981	1x2m	S17/ E0	surface	flakedstone	core	quartzite						1	frag	
240	1981	1x2m	S26/W4	30-40	flakedstone	NA	MVporphyritic	24.3	10.4	2.0			1		BASALT, RED OXIDE P
241	1981	1x2m	S18/W12	surface	other	other		5.7	2.2	1.3			1		CORN COB, found NW
242	1981	1x2m	S9/E8	surface	flakedstone	debitage	obsidian						1		
243	1981	1x2m	S6/E4	surface	pottery	TizonBrown		2.8	1.3	0.4			1	frag	RIM SHERD
244	1981	1x2m	S26/W8	20-30	groundstone	mano	quartzite	9.8	9.0	4.0			1		
245	1981	1x2m	S26/W0	surface	flakedstone	projectilept	quartz	0.8	0.7	0.2		0.2	1	frag	TIP
246	1981	1x2m	S26/W0	surface	flakedstone	debitage	obsidian	0.8	0.7	0.4		0.2	1		
247	1981	1x2m	S26/W8	surface	pottery	TizonBrown		3.2	3.0	0.8			1	frag	RIM SHERD
248	1981	1x2m	S26/W8	surface	pottery	TizonBrown		1.7	2.0	0.5			1	frag	VISIBLE BRUSH STRO
249	1981	1x2m	S17/E10	20-30	other	other		3.0	1.4	1.4			1		COPROLITE, S55x E89
250	1981	1x2m	S18/W8	surface	shell	bead		1.1	0.6	0.6			1		OLIVELLA, ABRADED
251	1981	1x2m	S18/W8	30-40	pottery	TizonBrown		3.1	1.9	0.5			1	frag	RIM SHERD
252	1981	1x2m	Roadside		groundstone	pestle	unidentified	11.5	4.2	3.2			1	com	gray in color
253	1981	1x2m	S22/W8	surface	flakedstone	debitage	obsidian	1.5	0.9	0.2		0.4	1	frag	rectangular flake
254	1981	1x2m	Roadside		flakedstone	scraper	quartzite	7.4	7.5	2.0			1	frag	scraper made from cobble
255	1981	1x2m	S17/E14	10-20	flakedstone	utilizedflake	chert	2.2	1.2	0.9			1	frag	worn on top of flake
256	1981	1x2m	Roadside		flakedstone	utilizedflake	other	3.2	1.6	0.4			1	frag	feldsite blade flake
257	1981	1x2m	Roadside		flakedstone	utilizedflake	other	5.0	2.5	0.4			1	frag	dark gray feldsite
258	1981	1x2m	S5/E6	20-30	bone	NA		1.2	0.8	0.4			1	com	tooth
259	1981	1x2m	Roadside		flakedstone	utilizedflake	other	3.0	2.2	1.7			1	frag	feldsite flake, may have b
260	1981	1x2m	Roadside		flakedstone	core	MVporphyritic	10.0	7.0	4.5			1	frag	basalt core fragment

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
261	1981	1x2m	Roadside		pottery	TizonBrown		8.0	8.0	0.2			1	frag	piece burned, thumb print
262	1982	1x2m	S9/E6	10-20	flakedstone	projectilept	quartz	2.0	1.9	0.4			1	frag	projectile point base
263	1981	Surface	Road Ban		pottery	TizonBrown							3	frag	red wash on inside, small
264	1981	1x2m	Roadside		pottery	TizonBrown							2	frag	Piece "A" : L (6.4cm);
265	1981	1x2m	S13/E14	20-30	other	other		4.2	3.0	0.8			1	com	pebble LQ
266	1981	1x2m	S13/E14	20-30	shell	marine shell		5.0	2.9	1.4		9.4	1	frag	cowry shell
267	1981	1x2m	S13/E14	10-20	metal	other		6.6	6.6	0.8			1	com	Iron ring
268	1981	1x2m	S18/W0	30-40	pottery	TizonBrown		1.4	1.3	0.5			1	frag	pottery sherd rim
269	1981	1x2m	S15/E14	surface	flakedstone	projectilept	quartz	2.1	1.1	0.3		0.6	1	frag	
270	1981	1x2m	S18/W0	30-40	flakedstone	awl		3.6	0.4	0.2			1	frag	possible awl fragment
271	1981	1x2m	S18/W0	surface	pottery	TizonBrown		4.2	2.3	0.4			1	frag	altered sherd
272	1981	1x2m	S18/W0	30-40	bone	NA							4	frag	hollow bird bone fragmen
273	1981	1x2m	S26/W8	30-40	flakedstone	projectilept	quartz	2.0	1.3	0.3		0.6	1	com	
274	1981	1x2m	S18/W8	30-40	flakedstone	projectilept	quartz	1.7	1.8	0.4		1.3	1	frag	projectile point tip
275	1981	1x2m	S18/W8	30-40	flakedstone	projectilept	quartz	2.3	2.0	0.5		2.2	1	frag	center section of projectil
276	1981	1x2m	S18/W8	30-40	flakedstone	projectilept	quartz	2.8	1.7	0.5		2.4	1	com	
277	1981	1x2m	S26/W4	30-40	flakedstone	projectilept	quartz	2.2	1.1	0.2		0.8	1	frag	
278	1981	1x2m	S9/E10	30-40	flakedstone	projectilept	unidentified	2.0	1.5	0.2		0.7	1	com	opalized wood?
279	1981	1x2m	S22/W8	30-40	bone	NA		3.9	1.0	0.8			1	frag	N: 34 cm; E: 86 cm
280	1981	1x2m	S12/E10	30-40	bone	NA		11.5	1.5	1.2			1	com	possible net shuttle, awl
281	1981	1x2m	S18/W8	30-40	bone	NA		1.6	0.5	0.2			1	frag	bone needle with hole in c
282	1981	1x2m	S18/W8	30-40	bone	awl		3.0	0.7	0.3			1	frag	bone awl tip
283	1981	1x2m	S17/E14	20-30	flakedstone	debitage	obsidian	1.2	0.6	0.1			1	frag	
284	1981	1x2m	S17/E14	20-30	flakedstone	debitage	obsidian	0.9	0.5	0.1			2	frag	other obsidian flake dime
285	1981	1x2m	S18/W0	30-40	flakedstone	projectilept	quartz	1.6	0.6	0.3		0.3	1	frag	projectile point tip
286	1981	1x2m	S5/E6	30-40	flakedstone	projectilept	other	2.0	1.4	0.5		1.8	1	frag	projectile point tip
287	1981	1x2m	S22/W4	50-60	shell	marine shell		3.3	1.2	0.8			1	frag	crab claw? Pendant
288	1981	1x2m	S9/E10	30-40	pottery	TizonBrown		12.1	10.0	0.5			1	frag	large pottery sherd rim
289	1981	1x2m	S22/W4	50-60	pottery	TizonBrown		3.5	2.2	0.4			1	frag	hole drilled in, but not thr
290	1981	1x2m	S22/W4	50-60	pottery	TizonBrown		1.9	1.9	0.3			1	frag	
291	1981	1x2m	S22/W4	50-60	pottery	TizonBrown		2.2	1.3	0.3			1	frag	pottery rim fragment
292	1981	1x2m	S22/W4	50-60	flakedstone	projectilept	other	2.4	1.6	0.2		1.8	1	frag	projectile point base frag
293	1981	1x2m	S22/W4	50-60	flakedstone	projectilept	quartz	1.6	0.9	0.3		0.6	1	frag	projectile point center fra
294	1981	1x2m	S15/W2	surface	flakedstone	debitage	other	1.7	1.2	0.3			1	frag	rhyolite chipping flake wi
296	1981	1x2m	S11/E7	surface	pottery	TizonBrown		3.9	2.5	0.4			1	frag	
297	1981	1x2m	S11/E7		pottery	TizonBrown		5.2	3.6	0.6			1	frag	
298	1981	1x2m	S13/E6	20-30	pottery	TizonBrown		2.8	2.0	0.6			1	frag	rim sherd

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
299	1981	1x2m	S16/E10	surface	pottery	TizonBrown		3.2	0.9	0.3			1	frag	pottery: pipe mouth end
300	1982	1x2m	S17/E14	surface	bone	NA		1.0	0.8	0.3			1	frag	tooth fragment
301	1982	1x2m	S16/E10	surface	flakedstone	utilizedflake	other	2.5	1.9	0.4			1	frag	felsite utilized flake with
302	1981	1x2m	S18/W8	30-40	bone	NA		6.6	2.0	1.8			1	frag	antler fragment
304	1982	1x2m	S6/E8	surface	shell	marine shell		1.6	0.7				1	frag	olivella shell bead
305	1982	1x2m	off grid	surface	flakedstone	scraper	unidentified	6.5	3.7	0.5			1	com	
306	1982	1x2m	S18/W0	20-30	pottery	TizonBrown		1.6	1.5	0.4			1	frag	altered sherd
307	1982	Surface	unknown	surface	flakedstone	projectilept	other	3.0	2.9	0.7		8.4	1	com	blank basalt projectile poi
308	1982	1x2m	S18/W8	30-40	flakedstone	scraper	other	4.9	4.5	1.2			1	com	basalt
309	1981	1x2m	Roadside		flakedstone	projectilept	quartz	2.5	1.9	0.4		2.7	1	frag	projectile point base
310	1982	1x2m	S18/W0	20-30	flakedstone	debitage	obsidian	2.2	0.6	0.4			1	frag	blade flake
311	1982	1x2m	S22/W0	10-20	flakedstone	projectilept	other	2.4	1.0	0.2		0.6	1	frag	dull red volcanic material
312	1981	1x2m	S18/W0	30-40	shell	marine shell		1.1	0.8	0.1			1	frag	abalone pendant
313	1981	1x2m	S22/W8	30-40	pottery	TizonBrown		3.5	2.5	0.7			1	frag	pipe fragment
314	1981	1x2m	S17/E10		pottery	TizonBrown		4.3	2.2	0.5			1	frag	rim sherd
315	1981	1x2m	S22/W4	40-50	shell	marine shell		1.2	0.7	0.1			1	com	olivella shell bead
316	1981	1x2m	S22/W4	40-50	shell	marine shell		1.1	0.6	0.1			1	com	olivella shell bead
317	1981	1x2m	S22/W4	40-50	shell	marine shell		1.0	0.6	0.1			1	com	olivella shell bead
318	1982	1x2m	S5/E2	surface	shell	marine shell		1.5	0.7	0.1			1	com	olivella shell bead
319	1981	1x2m	S22/W4	60-70	flakedstone	utilizedflake	other	2.5	2.1	0.1			1	frag	basalt
320	1981	1x2m	S5/E6	30-40	shell	marine shell		2.1	0.8	0.1			1	com	conical California horn sh
322	1981	1x2m	S17/E10	30-40	shell	marine shell		1.4	0.7	1.0			2	com	olivella shell
323	1981	1x2m	S5/E6	30-40	bone	NA		1.6	1.0	0.7			1	frag	antler?
324	1981	1x2m	S17/E10	30-40	shell	marine shell							1	frag	manufactured waste
325	1981	1x2m	S17/E14	20-30	flakedstone	projectilept	quartz	1.6	1.2	0.2		0.7	1	frag	projectile point base
326	1981	1x2m	S5/E6	30-40	shell	marine shell		0.9	0.6	0.1			1	com	olivella shell bead
327	1981	1x2m	S18/W8	40-50	shell	marine shell		0.5	0.3	0.1			2	frag	olivella shell bead fragme
328	1981	1x2m	S18/W0	30-40	flakedstone	projectilept	other	1.7	0.9	0.5		0.6	1	frag	basalt projectile point tip
329	1981	1x2m	S9/E10	30-40	metal	nail/tack		4.1	0.7	0.5			1	com	rusted iron nail
330	1982	1x2m	S9/E6	10-20	flakedstone	projectilept	quartz	1.9	1.0	0.4		0.5	1	com	
331	1981	1x2m	S11/E10	surface	pottery	TizonBrown		1.9	1.0	0.7			1	frag	RIM SHERD, POSS. IN
332	1981	1x2m	S18/W0	surface	shell	bead		0.9	0.6	0.5			1		OLIVELLA
333	1981	1x2m	S18/W0	20-30	flakedstone	projectilept	MVporphyritic	1.5	0.8	0.3			1	frag	BASALT
334	1981	1x2m	S9/E6	10-20	groundstone	NA	other	4.6	3.0	0.6			1	frag	COBBLE, RYOLITE
335	1981	1x2m	S9/E6	20-30	flakedstone	scraper	MVporphyritic	5.6	3.6	1.1			1		BASALT
336	1981	1x2m	S5/E6	30-40	shell	bead		0.8	0.7	0.1			2		OLIVELLA
337	1981	1x2m	S17/E10	30-40	flakedstone	projectilept	chert	2.0	1.5	0.4		1.2	1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
338	1981	1x2m	S22/W8	30-40	flakedstone	core	other	7.0	5.6	3.0			1		COBBLE, RHYOLITE
339	1981	1x2m	S22/W4	60-70	groundstone	hammr/grindr	MVporphyritic	7.6	5.3	2.5			1		BASALT
340	1981	1x2m	S18/W0	30-40	flakedstone	scraper	quartzite	3.8	3.3	1.8			1		8Nx4E
341	1981	1x2m	S26/W8	30-40	flakedstone	scraper	other	7.6	2.1	1.5			1		FELSITE
342	1981	1x2m	S26/W8	20-30	flakedstone	multipurpose	MVporphyritic	7.8	7.8	2.6			1		BASALT
343	1981	1x2m	S7/E10	surface	flakedstone	projectilept	chert	3.8	2.0	0.9		6.9	1		
344	1981	1x2m	S9/E6	surface	flakedstone	scraper	MVporphyritic	3.7	1.4	0.3			1		POSS. SAW
345	1981	1x2m	S10/E10	surface	flakedstone	core	quartzite	3.5	2.1	1.5			1	frag	
346	1981	1x2m	S26/W8	20-30	flakedstone	core	jasper	2.9	2.0	2.2			1		
347	1981	1x2m	S15/W8	surface	shell	bead		1.5	1.0	0.1			1		OLIVELLA
348	1981	1x2m	S5/E6	30-40	flakedstone	scraper	quartzite	3.5	1.5	0.7			1		BLADE
349	1981	1x2m	S9/E10	30-40	pottery	TizonBrown		7.6	5.6	0.5			1	frag	
350	1981	1x2m	S13/E10	20-30	pottery	TizonBrown		7.6	6.0	0.7			1	frag	ALTERED
351	1981	1x2m	S18/W0	30-40	flakedstone	debitage	obsidian	0.8	0.6	0.1			1		
352	1981	1x2m	S9/E6	10-20	flakedstone	projectilept	quartz	1.3	1.3	0.4		0.5	1		LISTED AS 352A
353	1981	1x2m	S17/E14	20-30	glass	NA		0.7	0.5	0.2			1	frag	MDERN HISTORIC, A
354	1981	1x2m	S17/E14	20-30	flakedstone	debitage	obsidian	1.1	0.9	0.3			1		
355	1981	1x2m	S17/E14	20-30	flakedstone	debitage	obsidian	0.9	0.8	0.3			1		
356	1981	1x2m	S20/W6	surface	shell	marine shell		1.4	0.6	0.6			1		OLIVELLA
357	1981	1x2m	S20/W12	surface	shell	bead		0.7	0.6	0.1			1		OLIVELLA, DISK, BUR
358	1981	1x2m	S22/W8	30-40	flakedstone	projectilept	quartz	1.4	1.5	0.4		1.0	1	frag	BASE
359	1981	1x2m	S13/E14	30-40	flakedstone	projectilept	MVporphyritic	2.7	1.9	0.4		1.2	1		BASALT, TRIANGULA
360	1981	1x2m	S5/E6	30-40	flakedstone	NA	MVporphyritic	4.5	1.7	0.5			1		FELSITE, BURIN
361	1981	1x2m	S5/E6	30-40	flakedstone	debitage	quartz	2.6	1.4	0.5			1		
362	1981	1x2m	S21/W8	surface	shell	bead		1.4	0.8	0.1			1		OLIVELLA
363	1981	1x2m	S20/W12	surface	shell	bead		0.6	0.6	0.1			1		CLAM, BLANK
364	1981	1x2m	S6/E10	surface	pottery	TizonBrown		3.3	1.7	0.5			1	frag	RIM SHERD
365	1981	1x2m	S15/W2	surface	flakedstone	biface	MVporphyritic	4.3	2.8	0.8		11.5	1	frag	FELSITE, POSS. KNIFE
366	1981	1x2m	S21/W12	surface	shell	bead		1.3	0.8	0.1			1		OLIVELLA
367	1981	1x2m	S17/E10	20-30	bone	bead		3.7	0.8	0.1			1	frag	CUT ENDS, BIRD, S43
368	1981	1x2m	S17/E10	20-30	bone	bead		5.2	0.6	0.1			1		
369	1981	1x2m	S9/E6	surface	pottery	TizonBrown		3.7	1.8	0.5			1	frag	RIM SHERD,
370	1981	1x2m	S15/E14	surface	flakedstone	debitage	obsidian	1.3	0.5	0.4		0.6	1		
371	1981	1x2m	S18/W8	40-50	pottery	TizonBrown		3.1	2.1	0.7			1	frag	RIM SHERD
372	1981	1x2m	S14/E12	surface	pottery	TizonBrown		2.8	2.8	2.4			1		POSS. FIGURINE, BUR
373	1981	1x2m	S17/E2	surface	flakedstone	projectilept	quartz	1.0	0.9	0.3		0.3	1	frag	TIP
374	1981	1x2m	S22/W4		flakedstone	scraper	quartzite	4.0	2.3	1.4			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
375	1981	1x2m	S5/E6	30-40	flakedstone	projectilept	MVporphyritic	1.1	0.5	0.1		0.1	1	frag	BASALT, TIP
376	1981	1x2m	S16/W8	surface	shell	bead		1.2	0.7	0.6			1		OLIVELLA
377	1981	1x2m	S22/W0	20-30	shell	bead		1.5	0.9	0.9			1		OLIVELLA
378	1981	1x2m	S17/E6	0-10	flakedstone	projectilept	chert	1.8	0.9	0.2		0.5	1		
379	1981	1x2m	S9/E6	surface	pottery	TizonBrown		5.3	2.8	0.7			1	frag	
380	1981	1x2m	S9/E10	10-20	bone	NA		0.5	0.3	0.3			1		FISH, VERTABRA
381	1981	1x2m	S13/E10	30-40	bone	NA		3.4	2.9	0.7			1	fragment/b	CARNIUM, found w/382
382	1981	1x2m	S13/E10	30-40	bone	NA		2.0	1.3	0.5			1	frag	
383	1981	1x2m	S13/E10	30-40	bone	NA		1.9	0.7	0.5			1		
384	1981	1x2m	S9/E6	0-10	flakedstone	debitage	obsidian						4		
385	1981	1x2m	S9/E6	0-10	flakedstone	debitage	obsidian	0.9	0.6	0.1			1		
386	1981	1x2m	S9/E6	0-10	flakedstone	debitage	obsidian	0.8	0.6	0.1			1		
387	1981	1x2m	S13/E14	30-40	flakedstone	projectilept	quartz	2.3	1.2	0.3		0.8	1		TRIANGULAR, BROAD
388	1981	1x2m	S13/E14	30-40	flakedstone	projectilept	quartz	1.8	0.8	0.2		34.0	1		
389	1981	1x2m	S17/E14	20-30	flakedstone	debitage	quartz						1	frag	E43xS26
390	1981	1x2m	S9/E6	10-20	flakedstone	projectilept	quartz	1.1	0.7	0.4		0.2	1	frag	TIP
391	1981	1x2m	S9/E10	10-20	glass	bead		0.3	0.3	0.1			1		MODERN HISTORIC, 1
392	1981	1x2m	S9/E10	10-20	glass	bead		0.3	0.4	0.1			1		MODERN HISTORIC,IR
393	1981	1x2m	S5/E6	30-40	glass	bead		0.4	0.4	0.1			1		MODERN HISTORIC, B
394	1981	1x2m	S26/W4	30-40	shell	ornament		3.7	3.4	0.1			1		PECTEN
395	1981	1x2m	S9/E6	0-10	bone	NA		0.3	0.3	0.1			1		FISH, VERTEBRA
396	1981	1x2m	S9/E6	0-10	shell	ornament		1.6	1.1	0.1			1	frag	ABALONE,
397	1981	1x2m	S15/E8	surface	shell	bead		0.6	0.6	0.2			1		CLAM, BLANK
398	1981	1x2m	S9/E6	10-20	shell	bead		1.4	0.8	0.1			1		OLIVELLA
399	1981	1x2m	S22/W8	10-20	shell	bead		0.8	0.5	0.1			1		OLIVELLA
400	1981	1x2m	S9/E6	10-20	glass	bead		0.2	0.2	0.1			1		MODERN HISTORIC, G
401	1981	1x2m	S9/E6	10-20	glass	bead		0.3	0.4	0.2			1		MODERN HISTORIC,
402	1981	1x2m	S9/E6	10-20	glass	bead		0.4	0.3	0.1			1		MODERN HISTORIC,
403	1981	1x2m	S18/W0	30-40	flakedstone	debitage							1		MANUFACTURED WA
404	1981	1x2m	S9/E10	30-40	glass	bead		0.3	0.3	0.1			1		MODERN HISTORIC,
405	1981	1x2m	S9/E10	30-40	glass	bead		0.4	0.3	0.1			1		MODERN HISTORIC,
406	1981	1x2m	S9/E6	10-20	shell	bead		0.5	0.5	0.1			1		CLAM
407	1981	1x2m	S9/E6	10-20	shell	bead		0.5	0.5	0.1			1		CLAM
408	1981	1x2m	S9/E6	10-20	shell	bead		0.2	0.5				1	frag	OLIVELLA,BARREL
409	1981	1x2m	S9/E10	30-40	glass	bead		0.3	0.3	0.1			1		MODERN HISTORIC, G
410	1981	1x2m	S9/E6	10-20	shell	bead		0.5	0.5	0.1			1		OLIVELLA, DISK
411	1981	1x2m	S9/E6	10-20	shell	bead		0.4	0.4	0.1			1		OLIVELLA, DISK

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
412	1981	1x2m	S22/W4	70-80	flakedstone	projectilept	quartz	1.6	1.6	0.2			1	frag	BASE
413	1981	1x2m	S22/W8	40-50	groundstone	NA	granitic	7.9	4.0	4.0	48.0		1	frag	MILLING STONE, FAR,
414	1981	1x2m	S13/E10	30-40	pottery	ColoradoBuff		4.0	3.5	0.5			1	frag	RIM SHERD, DESERT
415	1981	1x2m	S22/W8	30-40	pottery	TizonBrown		4.4	2.1	0.6			1	frag	RIM SHERD, S39xW32
416	1981	1x2m	S22/W8	40-50	flakedstone	projectilept	quartz	2.6	1.4	0.3		1.0	1		S22xW49
417	1981	1x2m	S22/W8	30-40	groundstone	unidentified	unidentified	3.2	3.0	0.8			1		ROCK w/ ABRADED E
418	1981	1x2m	S13/E6	20-30	flakedstone	debitage	obsidian	0.9	0.4	0.1			1		S30x70
419	1981	1x2m	S19/E8	surface	groundstone	hammr/grindr	unidentified	6.6	4.8	2.2			1		COBBLE
420	1981	1x2m	S9/E6	10-20	shell	bead		0.4	0.4	0.1			1		CLAM
421	1981	1x2m	S9/E6	10-20	shell	bead		0.4	0.4	0.1			1		CLAM
422	1981	1x2m	S9/E6	10-20	shell	bead		0.4	0.4	0.1			1		CLAM
423	1981	1x2m	S9/E10	30-40	glass	bead		0.3	0.4	0.2			1		MODERN HISTORIC, B
424	1981	1x2m	S13/E6	10-20	pottery	TizonBrown		2.2	1.5	0.5			1	frag	RIM SHERD
425	1981	1x2m	S13/E6	10-20	bone	NA		2.8	2.0	0.5			1	frag	CRANIAL
426	1981	1x2m	S18/W8	40-50	shell	bead		0.6	0.5	0.1			1		OLIVELLA, DISC
427	1981	1x2m	S26/W4	30-40	shell	bead		0.6	0.5	0.1			1		OLIVELLA
428	1981	1x2m	S26/W4	30-40	shell	bead		0.5	0.5	0.1			1		OLIVELLA
429	1981	1x2m	S13/E14	30-40	shell	bead		1.3	0.8	0.1			1		OLIVELLA, EXCELLE
430	1981	1x2m	S20/E0	surface	shell	bead		1.3	1.0	0.1			1		CONE, ABRADED
431	1981	1x2m	S22/W8	10-20	shell	bead		1.7	0.9	0.1			1	com	Olivella Shell Bead.
432	1981	1x2m	S18/W0	30-40	shell	bead		0.7	0.6	0.1			1	com	Olivella Shell Bead
433	1981	1x2m	S22/W4	60-70	shell	bead		1.6	0.9	0.1			1	com	Olivella Shell Bead
434	1982	1x2m	S18/W0	20-30	shell	marine shell		4.9	3.8	0.2		14.8	1	com	Whelk Ortriton Shell
435	1982	1x2m	S18/W0	30-40	shell	bead		1.3	0.8	0.1			1	com	Brunt - Ash Include in Ba
436	1981	1x2m	S18/W8	10-20	shell	bead		0.7	0.7	0.1			1	frag	
437	1981	1x2m	S22/W4	50-60	shell	marine shell		2.7	2.3	0.5			1	frag	Abalone Fragment-Abrad
438	1981	1x2m	S22/W8	30-40	shell	marine shell		2.1	0.9	0.1			1	com	California Horn Shell
439	1981	1x2m	S26/W8	10-20	pottery	TizonBrown		3.1	2.8	0.7			1		Rim Sherd
440	1981	1x2m	S26/W8	10-20	bone	NA		2.6	0.7	0.4			1		Bone worked?
441	1981	1x2m	S14/W4	10-20	flakedstone	scraper	MVaphanitic	3.8	2.4	0.9			1		Basalt
442	1981	1x2m	S14/W4	10-20	flakedstone	debitage		2.1	0.7	0.4			1		
443	1981	1x2m	S13/E6	20-30	shell	bead		0.5	0.4	0.1			1	com	Olivella
444	1981	1x2m	S9/E10	30-40	glass	bead		0.3	0.3	0.1			1		
445	1981	1x2m	S9/E10	20-30	glass	bead		0.3	0.4	0.2			1		Hole fused closed from he
446	1981	1x2m	S9/E10	20-30	shell	bead		0.4	0.5	0.1			1		Fragmented
447	1981	1x2m	S9/E10	20-30	shell	bead		0.4	0.4	0.1			1		
448	1981	1x2m	S22/W4	70-80	flakedstone	tool	quartz	1.4	1.4	0.4			1		Burin

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449	1981	1x2m	S17/E10	40-50	flakedstone	projectilept	quartz	0.9	0.7	0.3		1.4	1		
450	1981	1x2m	S13/E10	20-30	other	awl		3.2	1.0	0.4			1		two pieces glued
451	1982	1x2m	S18/W8	40-50	flakedstone	tool	MVporphyritic	4.5	2.3	1.2			1		
452	1981	1x2m	S9/E10	surface	glass	NA		0.4	0.4	0.1			1		N. Edge
453	1981	1x2m	S13/E6	10-20	bone	NA		1.0	1.0	0.3			1		Burned Bone, Worked bo
454	1981	1x2m	S13/E6	10-20	bone	NA		1.4	1.8	0.3			1		Burned Bone. Dk Brown
455	1981	1x2m	S13/E6	10-20	bone	NA		0.9	0.7	0.2			1		Tooth from mammal
456	1982	1x2m	S22/W8	40-50	other	awl		0.8	0.3	0.3			1		Awl Tip
457	1981	1x2m	S13/E6	10-20	bone	NA		1.8	1.6	0.5			1		Burned Bone Cranial Fra
458	1981	1x2m	S26/W8	10-20	bone	NA		2.8	2.2	1.9			1		Burned Bone
459	1982	1x2m	S18/W8	40-50	bone	NA		2.7	1.1	0.6			1		Polished Worked Bone R
460	1981	1x2m	S22/W4	70-80	bone	NA		1.4	1.0	0.4			1		.4
461	1981	1x2m	S17/E6	10-20	flakedstone	scraper	other	2.6	2.0	0.6			1	frag	basalt scraper
462	1981	1x2m	S17/E6	10-20	flakedstone	scraper	quartzite	5.1	2.6	1.0			1	com	
463	1981	1x2m	S17/E6	10-20	pottery	TizonBrown		3.7	3.2	0.4			1	frag	pottery rim sherd
464	1981	1x2m	S17/E6	10-20	flakedstone	debitage	quartzite						3	frag	could be from scraper in
465	1981	1x2m	S18/W8	30-40	flakedstone	core	other	4.8	2.4	1.9			1	frag	felsite core fragment
466	1982	1x2m	S9/E10	20-30	other	other	other	14.7	3.0	2.7			1	frag	sedimentary stone - Andy
467	1982	1x2m	S18/W8	40-50	flakedstone	debitage	chert	2.6	1.4	0.2			1	frag	
468	1981	1x2m	S13/E6	10-20	flakedstone	tool	other	1.4	0.9	0.7			1	frag	modified pebble
469	1982	1x2m	S18/W8	40-50	flakedstone	core	quartz	3.9	2.5	1.3			1	frag	clear and green quartz cor
500	1981	1x2m	S13/E10	10-20	shell	marine shell		1.5	0.8	0.7			1	com	olivella shell bead
501	1981	1x2m	S13/E10	10-20	shell	marine shell		1.5	0.7	0.1			1	com	California horn shell
502	1982	1x2m	S17/E10	54	flakedstone	debitage	obsidian	1.3	1.1	0.1			2	frag	other obsidian fragment d
503	1981	1x2m	S18/W8	20-30	shell	marine shell		1.3	0.5	0.1			1	com	olivella shell
504	1981	1x2m	S13/E6	10-20	flakedstone	utilizedflake	obsidian	1.3	0.7	0.3			1	frag	N 20cm; W 65cm; D 19c
505	1982	1x2m	S16/E2	surface	shell	marine shell		1.5	1.2	0.1			1	com	abalone bead
506	1982	1x2m	S17/E10	40-50	shell	marine shell		1.0	0.5	0.1			1	com	olivella shell bead
507	1982	1x2m	S17/E10	40-50	flakedstone	debitage	obsidian	1.8	1.2	0.1			1	frag	
508	1982	1x2m	S13/E8	surface	flakedstone	scraper	obsidian	2.9	1.5	1.0			1	frag	gray obsidian flake scrape
509	1981	1x2m	S13/E10	10-20	pottery	TizonBrown		2.8	2.5	0.3			1	frag	altered sherd
510	1981	1x2m	S13/E10	10-20	pottery	TizonBrown		2.4	1.6	0.1			1	frag	pottery rim
511	1982	1x2m	S26	W4	shell	marine shell							5	com	olivella disc beads
512	1981	1x2m	S16/E8	surface	groundstone	pestle	granitic	15.0	10.3	5.4			1	com	S9 E14 bedrock mortar; p
513	1982	1x2m	S26/W4	40-50	shell	marine shell		0.7	0.4	0.1			1	com	olivella shell bead
514	1981	1x2m	S13/E10	10-20	flakedstone	projectilept	chert	2.9	1.5	0.2		1.7	1	com	gray chert projectile point
515	1981	1x2m	S13/E10	10-20	flakedstone	projectilept	quartz	1.8	0.7	0.3		0.5	1	frag	quartz point fragment

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516	1982	1x2m	S26/W8	10-20	pottery	TizonBrown		1.6	1.5	0.9			1	frag	pipe fragment
517	1981	1x2m	off grid	surface	pottery	TizonBrown		8.8	5.1	0.6			1	frag	pottery sherd
518	1982	1x2m	S13/E10	10-20	pottery	TizonBrown		1.7	1.6	1.2			1	frag	clay pipe piece
519	1982	1x2m	S13/E10	10-20	pottery	TizonBrown		2.2	2.0	0.6			1	frag	clay pipe piece
520	1981	1x2m	off grid	surface	pottery	TizonBrown		11.2	6.6	0.5			1	frag	rim sherd
521	1981	1x2m	S26/W4	40-50	pottery	TizonBrown		2.8	4.0	0.7			1	frag	rim sherd
522	1982	1x2m	S26/W4	40-50	pottery	NA		5.1	3.0	0.5			1	frag	rim sherd, desert buffware
523	1982	1x2m	S22/W8	40-50	shell	bead		0.4	0.6	0.1			1	com	olivella shell bead
524	1982	1x2m	S26/W8	10-20	shell	bead		0.4	0.4	0.1			1	com	olivella disk
525	1982	1x2m	S17/E10	40-50	shell	marine shell		1.5	1.3	1.1			1	com	limpet
526	1982	1x2m	S22/W8	40-50	metal	other		1.9	1.7	1.7			1	frag	iron oxide nodual, paint b
527	1981	1x2m	S5/E6	20-30	flakedstone	projectilept	quartz					0.7	1	frag	no dimentions, center sect
528	1981	1x2m	S5/E6	20-30	flakedstone	debitage	quartz	3.0	1.8	0.5			1		chipping waste
529	1981	1x2m	S9/E10	20-30	pottery	TizonBrown		3.0	1.7	0.7			1	frag	altered sherd
530	1981	1x2m	S9/E6	surface	flakedstone	utilizedflake	basalt	2.6	1.7	0.3			1		found in washing
531	1981	1x2m	S9/E6	10-20	bone	NA		2.8	1.8	0.5			1		burnt and polished, worke
532	1981	1x2m	S9/E6	10-20	pottery	TizonBrown		1.5	1.2	0.5			1		rim sherd
533	1982	1x2m	S9/E10	20-30	pottery	TizonBrown		1.5	1.2	4.0			1	frag	sherd with drilled hole, fo
534	1981	1x2m	S17/E10	surface	pottery	TizonBrown		4.2	3.1	0.5			1	frag	rim sherd
535	1981	1x2m	S9/E6	surface	pottery	TizonBrown		1.5	1.3	0.5			1	frag	unreadable writing on car
536	1981	1x2m	S9/E6	surface	pottery	TizonBrown		2.0	1.3	0.6			1	frag	rim sherd
537	1981	1x2m	S13/E14	surface	pottery	TizonBrown		2.6	2.0	0.5			1	frag	altered sherd
538	1981	1x2m	S5/E6	20-30	flakedstone	utilizedflake	basalt	1.0	0.5	0.1			1		microblade flake
539	1982	1x2m	S9/E10	20-30	shell	marine shell		2.3	0.9	0.3			1	frag	altered shell, tan
540	1982	1x2m	S9/E10	20-30	bone	awl		1.2	0.6	0.2			1		tip, heavy use, worked fla
541	1981	1x2m	S13/E14	20-30	flakedstone	scraper	MVporphyritic	5.4	2.0	1.0			1	com	felsite
542	1981	1x2m	S6/E6	surface	pottery	TizonBrown		2.1	1.8	0.4			1		rim sherd
543	1981	1x2m	S13/E6	10-20	bone	NA		2.0	0.8	0.4			1	frag	worked, rounded, straited
544	1981	1x2m	S22/W8	surface	pottery	TizonBrown		1.2	1.4	0.4			1		rim sherd
545	1981	1x2m	S13/E14	20-30	pottery	TizonBrown		2.8	1.8	0.4			1		altered sherd
546	1981	1x2m	S12/E6	surface	pottery	TizonBrown		3.3	2.7	0.6			1		rim sherd, altered
547	1981	1x2m	S11/E8	surface	pottery	TizonBrown		3.2	2.0	0.5			1		altered sherd
548	1982	1x2m	S16/E8	surface	pottery	TizonBrown		2.7	2.1	0.5			1		altered sherd
549	1981	1x2m	S10/E8	surface	flakedstone	tool	quartzite	4.1	2.0	0.5			1		burin
550	1982	1x2m	S13/E6	surface	pottery	ColoradoBuff		1.8	1.8	0.5			1	frag	
551	1982	1x2m	S9/E6	10-20	flakedstone	debitage	obsidian	0.8	0.5	0.2			1	frag	chipping waste
552	1982	1x2m	S9/E6	10-20	flakedstone	debitage	obsidian	0.8	0.7	0.1			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
553	1981	1x2m	S13/E6	10-20	pottery	TizonBrown		2.6	2.0	0.8			1	frag	pipe
554	1981	1x2m	S16/W8	surface	pottery	TizonBrown		2.3	2.6	0.7			1		rim sherd
555	1981	1x2m	S19/W10	surface	pottery	TizonBrown		7.4	7.0	0.6			1	frag	goes with 556 and 557
556	1981	1x2m	S19/W10	surface	pottery	TizonBrown							1	frag	no dimentions, goes with
557	1981	1x2m	S19/W10	surface	pottery	TizonBrown		5.9	3.3	0.5			1	frag	goes with 555 and 556
558	1982	1x2m	S13/E4	surface	flakedstone	debitage	other	2.2	1.7	0.9			1	frag	rhyolite, same as 120a,12
559	1982	1x2m	S13/E4	surface	bone	NA		1.8	0.6	0.1			1	frag	non artifactual
560	1982	1x2m	S13/E0	surface	flakedstone	scraper	basalt	5.0	4.7	2.2			1		Scraper 1C
561	1981	1x2m	S6/E10	surface	flakedstone	utilizedflake	chalcedony	2.3	1.6	0.3			1		Red/Tan
562	1982	1x2m	S17/E12	surface	flakedstone	knife	quartz	1.5	1.0	0.5			1		White
563	1981	1x2m	S22/W4	surface	flakedstone	utilizedflake	basalt	1.4	1.3	0.2			1		
564	1981	1x2m	S13/E10	10-20	bone	NA		0.8	0.5	0.1			1		Mammal Vertebrate,
565	1982	1x2m	S22/W4	70-80	bone	NA		2.0	0.8	0.5			1		Mammal tooth.
566	1982	1x2m	S18/W8	20-30	flakedstone	debitage	obsidian	1.4	1.2	0.1			1		Dk Grey.
567	1981	1x2m	S9/E10	surface	bone	NA		1.6	1.1	0.3			1		Grey/Brown. Polished B
568	1981	1x2m	S13/E14	20-30	flakedstone	utilizedflake	other	1.5	1.3	0.1			1		Felcite
569	1981	1x2m	S15/W8	surface	pottery	TizonBrown		2.5	1.8	0.7			1		Rim Frag.
570	1981	1x2m	S14/E12	surface	pottery	TizonBrown		3.5	2.0	0.5			1		Rim Sherd. Mica Inclusi
571	1981	1x2m	S8/E4	surface	pottery	ColoradoBuff		2.4	1.8	0.4			1		Desert Buff. No Inclusion
572	1981	1x2m	S9/E10	20-30	pottery	TizonBrown		1.8	1.0	0.5			1		Rim Sherd. Sml Inclusio
573	1981	1x2m	S19/W4	surface	flakedstone	knife	quartz	1.1	1.2	0.2			1		Blade Flake Frag
574	1982	1x2m	S13/E4	surface	flakedstone	projectilept	basalt	2.9	1.0	0.4		0.8	1		Broken when found.
575	1982	1x2m	S14/E6	surface	shell	bead		0.7	0.5	0.1			1	frag	Olivella Disc Bead. Tan.
576	1982	1x2m	S22/W8	30-40	shell	bead			0.4	0.1			5	frag	Olivella Disc Beads. Gre
577	1981	1x2m	S13/E6	10-20	shell	NA		1.3	2.1				6	frag	Measurements listed are f
578	1981	1x2m	S17/E6	10-20	metal	bullet		2.3			1.0		1		Bullet Shell Case. .44 cal
579	1981	1x2m	S14/W4	10-20	other	button				0.3	1.6		1		
580	1982	1x2m	S15/E4	surface	shell	NA		1.2	0.7	0.1			1		Tan
581	1981	1x2m	S18/W12	surface	flakedstone	debitage	quartz						2		1 quartz. 1 basalt.
582	1981	1x2m	S18/W12	surface	bone	NA							4		
583	1981	1x2m	S18/W12	0-10	flakedstone	debitage	quartzite						1		
584	1981	1x2m	S18/W12	10-20	pottery	TizonBrown		2.3	2.2	0.4			1	frag	Sherd
585	1981	1x2m	S18/W12	10-20	flakedstone	debitage	quartz	1.1	0.8	0.2			1		
586	1981	1x2m	S18/W12	10-20	charcoal	NA		2.2	2.3	1.5			1		0.9 qms
587	1990	1x2m	S18/W12	10-20	bone	NA							4		Tan. Duplicate Card.
588	1981	1x2m	S18/W12	20-30	charcoal	NA							10		10 qms
589	1981	1x2m	S18/W12	10-20	flakedstone	debitage	other	0.9	0.6	0.1			1		Felcite Microflake.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
590	1981	1x2m	S18/W12	10-20	flakedstone	debitage	chert	1.7	1.2	0.4			1		Tan/Grey/Orange.
591	1981	1x2m	S18/W12	20-30	bone	NA							43	frag	
592	1981	1x2m	S18/W12	20-30	flakedstone	utilizedflake	basalt	3.3	2.5	0.3			1		Dk Grey.
593	1981	1x2m	S18/W12	20-30	flakedstone	debitage	basalt	2.3	1.5	0.3			1		Dk Grey
594	1981	1x2m	S18/W12	20-30	flakedstone	utilizedflake		1.6	0.6	0.3			1		Clear Blade Flake
595	1981	1x2m	S18/W12	20-30	pottery	TizonBrown							13	frag	Pot sherds.
596	1981	1x2m	S18/W12	20-30	pottery	TizonBrown							20		Sherds.
597	1981	1x2m	S18/W12	20-30	flakedstone	projectilept	quartz	3.0	1.6	0.5			1	frag	Point Blank Fragment. W
598	1981	1x2m	S18/W12	20-30	flakedstone	utilizedflake	unidentified	1.6	1.6	0.2			1		Cream.
599	1981	1x2m	S18/W12	20-30	pottery	ColoradoBuff		3.8	2.1	0.5			1	frag	Sherd. Tan/Buff.
600	1981	1x2m	S18/W12	30-40	bone	NA							288	fragment/b	143 unburned frags and 1
601	1981	1x2m	S18/W12	30-40	shell	bead							12	com	smallest: 1.5mm, 1.5mm,
602	1981	1x2m	S18/W12	30-40	shell	bead							164	com	smallest: 4mm, 4mm, 1m
603	1981	1x2m	S18/W12	30-40	shell	bead							2	com	smallest: 6mm, 5mm, 1.5
604	1981	1x2m	S18/W12	30-40	flakedstone	projectilept	quartz	0.5	0.5	0.3		1.0	1	frag	projectile point tip
605	1981	1x2m	S18/W12	30-40	flakedstone	scraper	basalt	6.3	4.0	1.3			1	com	
606	1981	1x2m	S18/W12	30-40	groundstone	mano	granitic	4.0	3.2	2.2			1	frag	
607	1981	1x2m	S18/W12	30-40	flakedstone	utilizedflake	other	2.1	1.1	0.1			1	frag	
608	1981	1x2m	S18/W12	30-40	pottery	TizonBrown							20	frag	smallest: 1.2cm,0.8cm, 0.
609	1981	1x2m	S15/E4	surface	shell	bead		0.8	0.5	0.1			1	com	tan olivella bead
610	1982	1x2m	S13/E6	30-40	groundstone	bead	soapstone	0.4	0.4	0.1			1	com	steatite bead
611	1982	1x2m	S22/W4	70-80	bone	NA		2.0	0.4	0.2			1	frag	polished bone, burned
612	1981	1x2m	S9/E10	20-30	flakedstone	debitage	obsidian	1.2	1.8	0.1			1	frag	
613	1981	1x2m	S9/E10	20-30	flakedstone	debitage	quartz	2.5	2.0	0.4			1	frag	
614	1982	1x2m	S14/E8	surface	glass	bead		0.3	0.4	0.1			1	com	white modern historic gla
615	1981	1x2m	S9/E10	20-30	flakedstone	utilizedflake	basalt	3.8	2.2	0.3			1	frag	
616	1981	1x2m	S9/E10	20-30	flakedstone	debitage	chalcedony						3	frag	smallest: 1.2, 0.7cm, 0.01
617	1981	1x2m	S9/E10	20-30	flakedstone	debitage	obsidian	1.2	1.8	0.1			1	frag	
618	1981	1x2m	S22/W0	surface	shell	marine shell						0.2	1	frag	chione californiensis
619	1981	1x2m	S9/E10	20-30	flakedstone	debitage	basalt	1.2	1.2	0.1			1	frag	microflake, dark gray
620	1981	1x2m	S22/W8	surface	shell	marine shell						0.6	1	frag	chione undatella
621	1981	1x2m	S14/W4	surface	shell	marine shell						0.3	2	frag	one whole donax gouldii (
622	1981	1x2m	S18/W12	surface	shell	marine shell						0.5	2	frag	1 chione fluctifraga (.3g)
623	1981	1x2m	S18/W4	surface	shell	marine shell							3	frag	donax californica
624	1981	1x2m	S5/E6	surface	shell	marine shell							16	frag	13 donax: 3.7g
625	1982	1x2m	S22/W4	surface	shell	marine shell							5	frag	2 undatella fragments: 0.3
626	1981	1x2m	S17/E14	surface	shell	marine shell							39	frag	2 pecten hericius-3 frags:

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
627	1981	1x2m	S26/W0	surface	shell	marine shell							9	frag	2 californiensis frags: 1.9
628	1981	1x2m	S17/E6	surface	shell	marine shell							22	frag	donax-7whole, 7frags: 2.9
629	1982	1x2m	S17/E10	20-30	shell	bead		1.1	1.7	0.1			1	com	tan olivella
630	1981	1x2m	S18/W8	surface	shell	marine shell							8	frag	2 pecten frags: .2g
631	1981	1x2m	S14/W8	surface	shell	marine shell							8	frag	6 unknown: 2.7g
632	1981	1x2m	S9/E10	surface	shell	marine shell							15	frag	6 whole Donax 2.7g
633	1982	1x2m	S16/E6	surface	shell	bead		1.8	1.0	0.1			1	com	Cream. Olivella Shell Be
635	1981	1x2m	S9/E6	surface	shell	marine shell							87	frag	38 Whole Donax, 21 Don
636	1981	1x2m	S18/W0	surface	shell	marine shell							9	frag	3 Whole/4 Frags Donax 1
637	1981	1x2m	S13/E6	surface	shell	marine shell							29	frag	1 Whole/1 Frag Undatella
638	1981	1x2m	S17/E6	20-30	bone	NA		2.7	1.5	0.5			1	frag	Drk Grey. Polished and B
639	1981	1x2m	S17/E6	20-30	bone	NA		0.9	0.9	0.4			1	frag	Polished. Grey.
640	1981	1x2m	S18/W8	20-30	flakedstone	debitage	obsidian	1.4	1.1	0.1			1	frag	Obsidian chipping waste.
641	1981	1x2m	S14/W4	20-30	bone	NA							2	frag	Bone Fragments. Burnt c
642	1981	1x2m	S17/E10	surface	shell	marine shell							64	frag	17 Whole/6 Frags Donax
643	1981	1x2m	S14/W4	20-30	flakedstone	utilizedflake	basalt	2.8	2.0	0.4			1	frag	Drk Grey.
644	1981	1x2m	S17/E6	20-30	flakedstone	utilizedflake	basalt	1.7	1.1	0.2			1	frag	Drk Grey.
645	1981	1x2m	S14/W4	20-30	flakedstone	utilizedflake	basalt	1.9	1.5	0.1			1	frag	Drk Grey.
646	1981	1x2m	S14/W4	20-30	flakedstone	utilizedflake	green	1.6	1.2	0.2			1	frag	Felcite.
647	1981	1x2m	S14/W4	20-30	flakedstone	utilizedflake	basalt	1.6	1.4	0.3			1	frag	
648	1981	1x2m	S18/W12	30-40	flakedstone	utilizedflake	green	2.5	1.5	0.3			1	frag	Unknown material. Purpl
649	1981	1x2m	S14/W4	20-30	flakedstone	utilizedflake	basalt	2.2	2.0	0.8			1	frag	Grey.
650	1981	1x2m	S22/W6	surface	flakedstone	scraper	MVporphyritic	3.4	3.0	0.9			1	com	Basalt. Grey.
651	1981	1x2m	S14/W4	20-30	flakedstone	scraper	basalt	5.0	3.4	1.0			1	com	Drk and Lt Grey. Heavy
652	1982	1x2m	S16/ W2	surface	flakedstone	debitage						11.5	4	frag	Milky Quartz 7.7g
653	1982	1x2m	S16/E8	surface	flakedstone	debitage	quartz					3.6	1	frag	
654	1982	1x2m	S15/W2	surface	flakedstone	debitage	MVporphyritic					0.6	1	frag	Andesite Porphyritic.
655	1982	1x2m	S15/E6	surface	flakedstone	debitage	varied					12.3	8	frag	Basalt Porphyritic 9.82g
656	1981	1x2m	S18/W12	20-30	pottery	ColoradoBuff		2.1	1.0	0.4			1	frag	Pottery Sherd.
657	1981	1x2m	S22/W4	0-10	bone	NA							8	frag	tan to grey. 1 is burnt.
658	1981	1x2m	S18/W12	30-40	charcoal	NA						62.1	0		
660	1981	1x2m	S26/W4	0-10	bone	NA							13	frag	4 burnt.
661	1981	1x2m	S10/E2	surface	flakedstone	utilizedflake	basalt	1.7	1.5	0.1			1	frag	Drk Grey
662	1981	1x2m	S26/W4	0-10	pottery	TizonBrown							3	frag	Pottery sherds.
663	1982	1x2m	S16/W4	surface	flakedstone	debitage	varied					12.4	4	frag	Basalt 6.59g
664	1981	1x2m	S22/W8	0-10	charcoal	NA						0.4	0		
665	1981	1x2m	S22/W8	0-10	flakedstone	debitage	basalt	0.9	0.5	0.1			1	frag	Drk Grey MicroFlake

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666	1981	1x2m	S22/W8	0-10	bone	NA							9	frag	2 Burnt
667	1982	1x2m	S22/W8	0-10	pottery	TizonBrown							3	frag	Pottery Sherds.
668	1981	1x2m	S14/W4	0-10	flakedstone	utilizedflake	quartzite	2.2	1.4	0.8			1	frag	Possible Utilized Flake. G
669	1981	1x2m	S18/W12	40-50	bone	NA							105	frag	Faunal Bone
670	1981	1x2m	S14/W4	0-10	shell	bead		0.6	0.4	0.1			1	frag	Grey. Olivella Disc Shell
671	1981	1x2m	S18/W12	40-50	pottery	TizonBrown							4	frag	Tizon Brown Sherds
672	1981	1x2m	S18/W12	40-50	flakedstone	utilizedflake	green	1.6	1.4	0.2			1	frag	Eastern Half of Pit Only.
673	1981	1x2m	S18/W12	40-50	flakedstone	debitage	chert	1.3	0.6	0.1			1	frag	Yellow Microflake. Easte
674	1981	1x2m	S18/W12	40-50	flakedstone	debitage	quartz	0.6	0.8	0.2			1	frag	Clear. Eastern Half of Pit
675	1981	1x2m	S18/W12	40-50	flakedstone	debitage	quartz	0.7	0.6	0.1			1	frag	White. Microflake. Easte
676	1981	1x2m	S14/W4	0-10	charcoal	NA						0.9	0	frag	Drk Grey
677	1981	1x2m	S14/W4	0-10	pottery	TizonBrown							11	frag	Pottery Sherds.
678	1981	1x2m	S18/W12	40-50	charcoal	NA						23.2	0	frag	Eastern Half of Pit Only.
679	1981	1x2m	S18/W12	40-50	charcoal	NA						142.0	0	frag	Ash and soil deposit colle
681	1981	1x2m	S14/W4	0-10	other	other		2.8	0.8	0.8			1	whole/b	Flora, Quercus. Drk Grey.
682	1981	1x2m	S14/W4	0-10	bone	NA		0.9	0.9	0.5			1	frag	Brown to Grey. Polished
683	1981	1x2m	S26/W0	0-10	bone	NA							30	frag	5 Burned.
684	1981	1x2m	S18/W12	40-50	shell	bead							68	frag	Olivella Disc Beads (Bur
685	1981	1x2m	S18/W12	40-50	shell	bead							3	frag	1) No Measurements
686	1981	1x2m	S18/W12	40-50	shell	bead							9	frag	Size Range: Diam 1.5-2m
687	1981	1x2m	S26/W0	0-10	pottery	TizonBrown							12	frag	Pottery sherds.
688	1981	1x2m	S26/W0	0-10	pottery	ColoradoBuff		1.1	1.0	0.4			1	frag	Pottery sherd.
689	1981	1x2m	S8/E6	surface	shell	bead		1.3	0.7	0.1			1	com	Olivella shell bead. Dark
690	1982	1x2m	S7/E8	surface	flakedstone	debitage	varied						2	frag	Basalt 21.5g
691	1982	1x2m	S19/W0	surface	flakedstone	debitage	varied						13	frag	Granite 0.08g
692	1981	1x2m	S26/W4	30-40	pottery	TizonBrown		2.8	2.0	0.5			1	frag	Pottery rim sherd.
693	1981	1x2m	S26/W4	30-40	pottery	TizonBrown		2.4	1.8	0.5			1	frag	Pottery Rim Sherd.
694	1982	1x2m	S13/E6	20-30	flakedstone	projectilept	basalt	1.2	1.4	0.4		0.7	1	frag	Projectile Pt Tip Fragmen
695	1982	1x2m	S17/E10	40-50	flakedstone	projectilept	quartz	0.7	0.6	0.3		0.3	1	frag	Quartz projectile pt tip.
696	1982	1x2m	S17/E4	20-30	flakedstone	projectilept	basalt	1.6	0.8	0.2		0.3	1	frag	Projectile Pt Tip Fragmen
697	1982	1x2m	S17/E10	40-50	flakedstone	projectilept	quartz	2.9	1.2	0.4		1.5	1	com	In Situ: S 13cm, E 62cm,
698	1981	1x2m	S26/W0	0-10	charcoal	NA						1.5	0	frag	Drk Grey.
699	1982	1x2m	S22/W8	30-40	flakedstone	knife	obsidian	1.6	0.7	0.1			1	frag	Blade flake. Drk grey.
700	1982	1x2m	S22/W8	30-40	flakedstone	debitage	obsidian	0.9	0.4	0.1			1	frag	N 9, E 9, Deep 22.5cm
701	1982	1x2m	S13/E6	20-30	flakedstone	knife	obsidian	0.9	0.4	0.1			1	frag	blade flake
702	1982	1x2m	S17/E10	40-50	pottery	TizonBrown		1.5	1.5	0.5			1	frag	pottery rim sherd
703	1981	1x2m	S17/E6	20-30	pottery	TizonBrown		3.6	2.5	0.8			1	frag	pottery rim sherd

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704	1981	1x2m	S17/E14	20-30	shell	bead		0.4	0.7				1	com	barrel cut olivella shell be
705	1981	1x2m	S17/E14	20-30	flakedstone	debitage	obsidian	1.0	0.8	0.1			1	frag	dark grey obsidian flake
706	1981	1x2m	S22/W8	20-30	pottery	TizonBrown		0.9	0.9	0.9			1	frag	pottery rim sherd
707	1981	1x2m	S17/E14	20-30	glass	bottle		3.0	1.3	0.3			1	frag	modern historic
708	1981	1x2m	S26/W4	20-30	flakedstone	projectilept	chert	2.2	0.9	0.4		0.7	1	frag	center section projectile p
709	1982	1x2m	S17/E10	40-50	groundstone	bead	sandstone	0.4	0.1				1		Steatite Bead
710	1981	1x2m	S26/W4	20-30	shell	bead		0.5	0.1				1		Olivella Shell
711	1982	1x2m	S22/W8	20-30	flakedstone	projectilept	quartz	1.8	0.8	0.3			1		Projectile Tip Fragment
712	1982	1x2m	S13/E6	20-30	shell	bead		2.0	1.2				1		Olivella Shell
713	1981	1x2m	S17/E6	20-30	shell	bead		1.5	0.6	0.1			1		Olivella
714	1982	1x2m	S13/E6	20-30	shell	bead		0.6	0.1				2		Second Bead Measureme
715	1981	1x2m	S17/E6	20-30	shell	bead		1.0	0.6	0.1			1		Olivella Shell Bead
716	1981	1x2m	S13/E6	20-30	shell	bead		0.4	0.4	0.1			1		Olivella Disc
717	1982	1x2m	S13/E6	20-30	glass	bead		0.4	0.3				1		
718	1981	1x2m	S13/E6		shell	bead		0.4	0.4	0.1			1		Disc Bead
719	1982	1x2m	S18/W0	40-50	shell	bead		1.5	0.9	0.8			1		Whole Olivella Shell, Pos
720	1981	1x2m	S13/E14	surface	bone	NA							1		Fragment
721	1982	1x2m	S12/E6	surface	flakedstone	debitage							11		12.97 Grams total weight
722	1981	Surface	S13/E14	surface	flakedstone	debitage	obsidian	0.8	0.5	0.3			1		
723	1982	1x2m	S13/E6	20-30	shell	NA		1.6	1.5	0.3			1		Modified, Possible large c
724	1981	Surface	S13/E114	surface	pottery	TizonBrown							10		See back of card for lengt
725	1981	Surface	S18 W0	surface	bone	NA							7		Bone Fragments
726	1981	Surface	S18 W0	surface	pottery	TizonBrown							4		See back of card for lengt
728	1981	Surface	S22 W0	surface	pottery	TizonBrown							2		See card for info
729	1981	Surface	S13/E6	surface	bone	NA							14		
730	1981	Surface	S13/E6	surface	pottery	TizonBrown							5		See card for info
731	1982	Surface	S23 W10	surface	flakedstone	debitage							12		See card for info
732	1981	Surface	S13/E6	surface	pottery	TizonBrown		1.3	1.0	0.6			1		
733	1981	Surface	S18 W8	surface	pottery	TizonBrown							3		See card for info
734	1981	Surface	S9/E6	0-10	charcoal	NA						7.7	1		
735	1981	1x2m	S9/E6	0-10	pottery	TizonBrown		5.4	6.7	0.3			1		In - Special Potery Tray.
736	1981	1x2m	S9/E6	0-10	pottery	TizonBrown							24		See card for info.
737	1981	Surface	S22 W4	surface	bone	NA							7		Fragment
738	1981	Surface	S22 W4	surface	flakedstone	debitage	chert	0.8	0.6	0.1			1		
739	1981	1x2m	S22/W4	surface	pottery	TizonBrown		1.8	1.4	0.6			1		Sherd
740	1918	1x2m	S9/E6	0-10	bone	NA							540		fragments
741	1981	Surface	S17 E6	surface	bone	NA							7		Fragments

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742	1981	Surface	S17 E6	surface	flakedstone	debitage	quartzite						1		possible from core fragme
743	1981	Surface	S17 E6	surface	pottery	TizonBrown							14		see card for info
744	1981	1x2m	S9/E6	0-10	flakedstone	knife	chert	1.3	0.3	0.2			1		Blade flake
745	1981	1x2m	S9/E6	0-10	flakedstone	knife	basalt	1.0	0.3	0.1			1		Blade flake
746	1981	1x2m	S9/E6	0-10	flakedstone	knife	other	1.0	0.3	0.1			1		Blade flake, felcite
747	1981	Surface	S14/W4	surface	bone	NA							1		
748	1981	1x2m	S9/E6	0-10	flakedstone	knife	quartz	0.7	0.4	0.1			1		Micro Flake
749	1981	1x2m	S9/E6	0-10	flakedstone	debitage	basalt	1.9	1.2	0.2			1		
750	1981	Surface	S9/E6	surface	flakedstone	debitage	basalt	1.1	0.7	0.1			1		
751	1981	1x2m	S9/E6	0-10	flakedstone	debitage	basalt	1.6	1.1	0.3			1		
752	1981	1x2m	S9/E6	0-10	flakedstone	projectilept	basalt	0.7	0.6	0.2			1		
753	1981	Surface	S9/E6	surface	flakedstone	debitage	basalt	0.5	0.6	0.1			1		
754	1981	Surface	S9/E6	surface	bone	NA							62		Fragment
755	1981	1x2m	S9/E6	0-10	flakedstone	scraper	basalt	3.2	1.9	0.6			1		
756	1981	1x2m	S17/E14	0-10	charcoal	NA						3.4	1		
757	1981	1x2m	S17/E14	0-10	bone	NA							275		Fragmets
758	1981	1x2m	S17/E14	0-10	flakedstone	scraper	basalt	5.0	3.5	1.0			1		
759	1981	1x2m	S17/E14	0-10	flakedstone	debitage	obsidian	0.7	0.4	0.1			1		
760	1981	1x2m	S17/E14	0-10	glass	bottle							3		Fragments
761	1981	1x2m	S17/E14	0-10	pottery	NA							31		See card for info
762	1981	Surface	S5 E10	surface	shell	marine shell						1.7	7		3 whole Donax, 1 whole
763	1981	1x2m	S17/E14	0-10	pottery	NA							2		See card for info.
764	1981	Surface	S18 W6	surface	shell	marine shell						0.1	1		
765	1982	1x2m	S17/E10	50-60	shell	NA		1.0	0.7	0.1			1		Olivella
768	1981	Surface	S26 W0	surface	bone	NA							22		8 burnt
769	1981	Surface	S26 W0	surface	flakedstone	knife	quartzite	1.7	0.5	0.2			1		fragment
770	1981	Surface	S26 W0	surface	pottery	TizonBrown							5		See card for info
771	1981	Surface	S17 E0	surface	flakedstone	knife	quartz	2.2	2.1	0.4			1		Blade flake
772	1981	Surface	S17 E10	surface	bone	NA							50		27 burnt fragments
773	1981	Surface	S17 E10	surface	flakedstone	core	other	4.5	4.0	2.4			1		Feicite
774	1981	Surface	S17 E10	surface	metal	unidentified		7.2	3.5	0.5			1		fragment, modern historic
775	1981	Surface	S17 E10	surface	pottery	TizonBrown							11		See card for info
776	1981	Surface	S5 E6	surface	bone	NA							7		fragments, 1 burnt
777	1981	Surface	S5 E6	surface	flakedstone	core	basalt	3.8	3.2	2.0			1		
778	1981	Surface	S5 E6	surface	flakedstone	core	basalt	4.0	3.0	1.6			1		Fragment
779	1981	Surface	S5 E6	surface	flakedstone	debitage	basalt	2.5	2.5	0.2			1		
780	1981	Surface	S5 E6	surface	flakedstone	debitage	other	1.4	1.2	0.1			1		Felcite

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
781	1981	Surface	S5 E6	surface	pottery	TizonBrown							3	frag	
782	1981	Surface	S9/E10	surface	bone	NA							4	frag	
783	1981	Surface	S9/E10	surface	pottery	TizonBrown							10	frag	See Card for info
784	1981	Surface	S9/E10	surface	pottery	ColoradoBuff		2.0	1.5	0.5			1	frag	matches S17 E14 Level 1
785	1981	Surface	S14/W8	surface	flakedstone	debitage	other	1.0	0.7	0.1			1		Rhyolite
786	1981	Surface	S14/W8	surface	flakedstone	debitage	other	1.3	0.9	0.1			1		Felcite
787	1981	Surface	S14/W8	surface	flakedstone	debitage	basalt	1.5	1.0	0.7			1		
788	1981	Surface	S14/W8	surface	pottery	TizonBrown		2.3	2.5	0.6			1	frag	
789	1981	Surface	S14/W8	surface	pottery	TizonBrown							5	frag	
790	1981	Surface	S22 W8	surface	bone	NA							10		3 burnt
791	1981	Surface	S22 W8	surface	charcoal	NA							9999		
792	1981	Surface	S22 W8	surface	pottery	TizonBrown							1		
793	1981	Surface	S26 W8	surface	flakedstone	debitage		1.0	0.6	0.2			1		microflake
794	1981	1x2m	S26/W8	20-30	pottery	TizonBrown		3.5	2.8	0.7			1		COLOR 5YR 3/4
795	1981	Surface	S26 W8	surface	flakedstone	scraper		8.5	6.1	4.5			1		CORE-SCRAPER
796	1981	Surface	S22 W10	surface	bone	NA							3		
797	1981	Surface	S22 W10	surface	pottery	TizonBrown		1.9	1.6	0.3			1		
798	1981	Surface	S17 E14	surface	bone	NA							29		17 BURNT
799	1981	Surface	S17 E14	surface	pottery	TizonBrown							7		
800	1981	1x2m	S26/W8	30-40	bone	NA							128	frag	
801	1981	1x2m	S26/W8	30-40	bone	NA		1.0	1.3	0.4			1		polished modified bone w
802	1981	Surface	S17 E14	surface	flakedstone	scraper		2.7	1.7	0.5			1		end-scraper
803	1981	1x2m	S26/W8	30-40	charcoal	NA						21.6	9999		see 1185
804	1981	Surface	s18 w4	surface	bone	NA							3		
805	1981	1x2m	S26/W8	30-40	flakedstone	debitage		2.2	1.8	0.2			1		
806	1981	1x2m	S26/W8	30-40	pottery	TizonBrown							15		
807	1981	Surface	S18 W4	surface	flakedstone	debitage	chert	1.8	1.3	0.4			1		AMBER COLORED
808	1981	Surface	S18 W4	surface	pottery	TizonBrown							3		
809	1981	Surface	S18 W4	surface	pottery	NA		2.1	1.8	0.4			1		desert buff
810	1981	Surface	S26 W4	surface	bone	NA							1	frag	
811	1981	1x2m	S18/W8	0-10	charcoal	NA						1.5	9999		
812	1981	1x2m	S9/E10	0-10	bone	NA							2		
813	1981	1x2m	S9/E10	0-10	pottery	TizonBrown		1.9	1.5	0.7			1		
814	1981	1x2m	S22/W4	60-70	charcoal	NA						61.9	9999		
815	1981	1x2m	S17/E6	0-10	flakedstone	projectilept	other	1.2	1.0	0.4			1	frag	QUARTZ CRYSTAL
816	1981	1x2m	S22/W4	60-70	bone	NA							149	frag	
817	1981	1x2m	S22/W4	60-70	flakedstone	utilizedflake	chert	1.6	1.0	0.2			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
818	1981	1x2m	S17/E6	0-10	flakedstone	tool		4.0	2.4	1.1			1		BURIN
819	1981	1x2m	S22/W4	60-70	flakedstone	scraper		5.9	2.2	1.0			1		
820	1981	1x2m	S17/E6	0-10	bone	NA		2.3	1.3	0.3			1		polished and cut
821	1981	1x2m	S22/W4	60-70	pottery	TizonBrown							13	frag	
822	1981	1x2m	S17/E6	0-10	pottery	TizonBrown							19		
823	1981	1x2m	S17/E6	0-10	charcoal	NA						1.7	9999		
824	1981	1x2m	S5/E6	0-10	bone	NA							30	frag	
825	1981	1x2m	S5/E6	0-10	pottery	TizonBrown							7		
826	1981	1x2m	S5/E6	0-10	bone	tool		1.1	0.6	0.3			1		possible awl fragment
827	1981	1x2m		S5 E6	flakedstone	scraper		4.1	1.6	0.8			1		side-scraper
828	1981	1x2m	S5/E6	0-10	flakedstone	debitage		1.7	1.1	0.2			1		
829	1981	1x2m	S5/E6	0-10	flakedstone	debitage		4.5	1.6	0.8			1		RED/WHITE COLORED
830	1981	1x2m	S17/E6	0-10	pottery	TizonBrown		1.5	1.3	0.7			1		rim sherd
831	1981	1x2m	S17/E6	0-10	pottery	TizonBrown		3.2	1.5	0.6			1		altered; appears abraided
832	1981	1x2m	S13/E14	0-10	flakedstone	debitage		3.0	1.2	0.4			1		
833	1981	1x2m	S17/E6	0-10	shell	bead		1.8	1.0	0.1			1		OLIVELLA
834	1981	1x2m	S13/E14	0-10	bone	NA							14	frag	
835	1981	1x2m	S13/E14	0-10	pottery	TizonBrown							312	frag	
836	1981	1x2m	S17/E6	0-10	bone	NA							88	frag	
837	1981	1x2m	S17E10	0-10	bone	NA							9		
838	1981	1x2m	S13/E14	0-10	pottery	TizonBrown							1		possible Colorado buff
839	1981	1x2m	S17/E10	0-10	pottery	TizonBrown							2		sherd A= L=1.5 W=1.0 T
840	1981	1x2m	S18/W0	0-10	bone	NA							76	frag	
841	1981	1x2m	S18/W0	0-10	pottery	TizonBrown							11	frag	
842	1981	1x2m	S17/E10	0-10	flakedstone	scraper	basalt	4.0	2.8	0.7			1		
843	1981	1x2m	S22/W0	0-10	charcoal	NA						0.3	9999		
844	1981	1x2m	S18/W0	0-10	charcoal	NA						1.2	9999		
845	1981	1x2m	S22/W0	0-10	pottery	NA		1.2	1.2	0.6			1		
846	1981	1x2m	S18/W0	0-10	flakedstone	debitage	basalt	1.0	0.4	0.1			1		microflake
847	1981	1x2m	S18/W0	0-10	flakedstone	debitage		0.5	0.7	0.1			1		red microflake
848	1981	1x2m	S18/W0	0-10	flakedstone	debitage	MVporphyritic	1.6	1.2	0.3			1		
849	1981	1x2m	S13/E14	0-10	pottery	TizonBrown		2.5	2.0	0.5			1	frag	rim sherd
850	1981	1x2m	S22/W0	0-10	pottery	TizonBrown		1.5	1.3	0.6			1		rim sherd
851	1981	1x2m	S26/W8	30-40	pottery	TizonBrown		1.2	1.0	0.6			1		rim sherd
852	1981	1x2m	S22/W0	0-10	flakedstone	debitage	basalt	1.0	0.9	0.1			1		microflake
853	1981	1x2m	S22/W0	0-10	flakedstone	core	other	4.3	3.3	2.9			1		cobble 90% quartz
854	1981	1x2m	S22/W0	0-10	pottery	TizonBrown							12	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
855	1981	1x2m	S22/W0	0-10	bone	NA							10	frag	3 burnt
856	1981	1x2m	S14/W8	0-10	flakedstone	scraper	quartzite	3.4	1.9	0.4			1		possible end scraper
857	1981	1x2m	S13/E6	0-10	flakedstone	utilizedflake	MVporphyritic	2.0	2.4	0.5			1		
858	1981	1x2m	S13/E6	0-10	flakedstone	debitage	quartzite	2.1	1.6	0.5			1		
859	1981	1x2m	S13/E6	0-10	flakedstone	core	quartz	1.8	1.7	0.4			1		quartz crystal
860	1981	1x2m	S14/W8	0-10	flakedstone	knife	basalt	1.1	0.6	0.2			1	frag	
861	1981	1x2m	S14/W8	0-10	flakedstone	utilizedflake	basalt	1.6	1.4	0.3			1		
862	1981	1x2m	S13/E6	0-10	bone	NA							1	frag	
863	1981	1x2m	S13/E6	0-10	bone	NA		1.9	0.6	0.4			1	frag	modified bone
864	1981	1x2m	S13/E6	0-10	pottery	TizonBrown							6		
865	1981	1x2m	S14/W8	0-10	bone	NA							8		3 burnt
866	1981	1x2m	S14/W8	0-10	pottery	TizonBrown							14	frag	
867	1981	1x2m	S26/W12	0-10	bone	NA							2		
868	1981	1x2m	S26/W12	0-10	pottery	TizonBrown							1	frag	
869	1981	1x2m	S26/W12	0-10	pottery	ColoradoBuff							1	frag	possible Colorado bluff
870	1981	1x2m	S26/W8	0-10	pottery	TizonBrown							2	frag	
871	1981	Surface	S8/E6	surface	shell	marine shell						8.0	30	frag	16 donax total weitght 3.6
872	1981	1x2m	S26/W8	0-10	bone	NA							2	frag	
873	1981	Surface	S22 W2	surface	shell	marine shell						0.9	3		1 donax .2g; 1pectin .2g;
874	1981	1x2m	S9/E6	10-20	pottery	TizonBrown							54		
875	1981	Surface	S23 W8	surface	shell	NA						0.4	8	frag	
876	1981	1x2m	S9/E6	10-20	bone	NA							10		8 fish vertebrae
877	1981	1x2m	S9/E6	10-20	flakedstone	scraper	basalt	4.3	4.0	1.3			1		cobble fragment
878	1981	1x2m	S9/E6	0-10	pottery	TizonBrown		1.9	0.7	0.4			1	frag	
879	1981	Surface	S13/E4	surface	shell	marine shell						1.2	4	com	donax
880	1981	1x2m	S9/E6	10-20	charcoal	NA						39.8	9999		
881	1981	Surface	S6/E2	surface	flakedstone	debitage	other					14.5	7		quartz .5g; chert .3g; basa
882	1981	Surface	S16 E12	surface	flakedstone	debitage	other					24.1	6		travertine 4.15g; quartzite
883	1981	1x2m	S9/E6	0-10	flakedstone	utilizedflake	basalt	2.1	1.4	0.1			1		
884	1981	1x2m	S17/E6	10-20	bone	NA							516	frag	
885	1981	Surface	S13/E2	surface	shell	marine shell						5.1	10	frag	6 donax 1.8g; 1 cerithidea
886	1981	1x2m	S9/E6	0-10	flakedstone	utilizedflake	basalt	2.8	1.6	0.1			1		
887	1981	1x2m	S9/E6	0-10	flakedstone	debitage	basalt	1.2	0.7	0.1			1		microflake
888	1981	Surface	S14/E10	surface	shell	marine shell						17.5	53	frag	23 donax 6.1g; 12 pecten
889	1981	1x2m	S9/E6	0-10	flakedstone	debitage	basalt	0.9	0.6	0.1			1		microflake
890	1981	1x2m	S9/E6	0-10	flakedstone	debitage	green	0.6	0.5	0.1			1		
891	1981	1x2m	S14/W8	0-10	charcoal	NA						2.1	9999		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
892	1981	1x2m	S14/W8	0-10	other	unidentified						1.6	4		tan colored items that fizz
893	1981	1x2m	S26/W0	10-20	flakedstone	utilizedflake	basalt	1.7	1.3	0.2			1		
894	1981	Surface	S19 W4	surface	flakedstone	debitage	other					8.0	12		
895	1981	1x2m	S26/W0	10-20	charcoal	NA						10.2	9999		
896	1981	1x2m	S26/W0	10-20	bone	NA							292	frag	48 burnt
897	1981	1x2m	S17/E6	10-20	flakedstone	utilizedflake		1.6	1.0	0.3			1		
898	1981	Surface	S12/E2	surface	shell	marine shell						6.4	11		1 chione 3.7g; 7 donax 1.
899	1981	1x2m	S17/E6	10-20	flakedstone	debitage		2.2	2.4	0.3			1		
900	1981	1x2m	S17/E6	10-20	flakedstone	utilizedflake	basalt	1.4	1.5	0.2			1		
901	1981	1x2m	S17/E6	10-20	flakedstone	debitage	quartz	1.0	0.7	0.2			1		microflake
902	1981	1x2m	S17/E6	10-20	flakedstone	debitage	basalt	1.1	0.7	0.2			1		
903	1981	1x2m	S17/E6	10-20	flakedstone	debitage	basalt	0.8	0.6	0.2			1		microflake
904	1981	1x2m	S17/E6	10-20	flakedstone	debitage	chert	0.6	0.6	0.2			1		
905	1981	1x2m	S17/E6	10-20	flakedstone	debitage		0.7	0.5	0.2			1		
906	1981	Surface	S21 W8	surface	flakedstone	debitage	other					9.6	5		
907	1981	Surface	S11/E6	surface	flakedstone	debitage	other					10.3	3		
908	1981	1x2m	S17/E6	10-20	flakedstone	debitage		0.7	0.5	0.2			1		
909	1981	1x2m	S17/E6	10-20	flakedstone	debitage	basalt	0.5	0.4	0.2			1		
910	1981	1x2m	S17/E6	10-20	charcoal	NA						13.0	9999		
911	1981	Surface	S20 W0	surface	flakedstone	debitage	other					10.0	4		
912	1981	Surface	S13/E0	Surface	flakedstone	debitage	basalt					38.1	1		SPENT CORE?
913	1981	1x2m	S17/E6	10-20	pottery	ColoradoBuff				0.5			3	frag	possible Colorado buff
914	1981	1x2m	S17/E6	10-20	pottery	TizonBrown							50	frag	
915	1981	Surface	S17 E4	surface	flakedstone	debitage	other					8.7	3		
916	1981	Surface	S15 E3	surface	flakedstone	debitage						3.1	9		
917	1981	1x2m	S26/W0	10-20	flakedstone	core	basalt	4.4	4.0	2.2			1	frag	
918	1981	1x2m	S17/E6	10-20	pottery	NA							2	frag	red iron oxidation
919	1981	1x2m	S26/W0	10-20	flakedstone	debitage	other	0.7	0.5	0.1			1		
920	1981	1x2m	S26/W0	10-20	flakedstone	debitage	basalt	0.9	0.5	0.2			1		
921	1981	1x2m	S26/W0	10-20	flakedstone	debitage	other	0.4	0.6	0.1			1		
922	1981	1x2m	S26/W0	10-20	flakedstone	utilizedflake	other	1.4	1.2	0.1			1		
923	1981	1x2m	S26/W0	10-20	flakedstone	debitage	chalcedony	1.8	1.2	0.1			1		
924	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake	basalt	4.0	3.6	0.5			1		
925	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake	basalt	4.1	2.2	0.5			1		
926	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake	basalt	1.7	1.5	0.5			1		
927	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake	other	1.6	1.2	0.2			1		
928	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake	basalt	3.7	2.8	0.5			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
929	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake	basalt	1.8	1.2	0.5			1		
930	1981	1x2m	S26/W0	10-20	flakedstone	scraper	basalt	3.1	2.2	0.4			1		possible end-side scraper
931	1981	1x2m	S26/W0	10-20	flakedstone	core	granitic	4.5	4.5	1.5			1	frag	cobble
932	1981	1x2m	S17/E10	10-20	pottery	TizonBrown		2.2	1.3	0.5			1	frag	
933	1981	1x2m	S17/E10	10-20	other	other	basalt	3.4	2.6	2.0			1	frag	cobble fragment
934	1981	1x2m	S17/E10	10-20	pottery	TizonBrown		1.1	0.8	0.5			1	frag	rim sherd
935	1981	1x2m	S17/E10	10-20	flakedstone	scraper	basalt	3.0	1.6	0.2			1		
936	1981	1x2m	S26/W0	10-20	bone	NA							1		not modified
937	1981	1x2m	S17/E10	10-20	flakedstone	utilizedflake	basalt	1.9	1.3	0.1			1		
938	1981	1x2m	S17/E10	10-20	flakedstone	debitage	chert	0.9	0.6	0.1			1		microflake
939	1981	1x2m	S17/E10	10-20	flakedstone	debitage	chalcedony	1.1	0.7	0.1			1		
940	1981	1x2m	S22/W4	60-70	bone	NA		1.9	1.1	0.6			1		polished
941	1981	1x2m	S22/W4	60-70	bone	NA		1.3	0.8	0.3			1		polished
942	1981	1x2m	S18/W0	30-40	flakedstone	debitage	other	1.2	1.0	0.1			1		
943	1981	1x2m	S18/W0	30-40	flakedstone	knife	quartz	0.8	0.7	0.3			1	frag	
945	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake		1.1	1.1	0.1			1		
946	1981	Surface	S23 W4	surface	shell	marine shell						1.3	4		1 olivella .4g; 1 chione fl
947	1981	Surface	S16 E6	surface	shell	marine shell						1.5	7		3 donax .8g; 2 pecten .3g;
948	1981	Surface	S25 W4	surface	shell	marine shell						0.5	2		1 chione Californiensis .3
949	1981	Surface	S16 E2	surface	shell	marine shell						0.3	1	com	donax
950	1981	1x2m	S17/E10	10-20	charcoal	NA						1.2	9999		
951	1981	1x2m	S17/E10	10-20	bone	NA							183	frag	some burnt
952	1981	1x2m	S17/E10	10-20	pottery	TizonBrown							57		27 of these have letters "
953	1981	Surface	S16 E4	surface	shell	marine shell						2.7	9		4 donax .9g; 1 pectin .1g;
954	1981	Surface	S13/E10	surface	pottery	TizonBrown							5		
955	1981	1x2m	S26/W0	0-10	other	other		0.6	0.4	0.2			1	frag	graphite fragment "used a
956	1981	Surface	S13/E10	surface	flakedstone	core	basalt	5.0	2.9	1.5			1	frag	
957	1981	Surface	S13/E10	surface	flakedstone	debitage	basalt	2.5	2.1	0.3			1		
958	1981	Surface	S13/E10	surface	flakedstone	debitage	basalt	1.3	1.1	0.1			1		
959	1981	1x2m	S26/W0	10-20	flakedstone	knife	chalcedony	1.2	0.7	0.2			1		
960	1981	1x2m	S17/E14	10-20	bone	NA							401	frag	1 large mammal tooth
961	1981	1x2m	S17/E14	10-20	bone	NA		1.7	1.2	0.4			1	fragment/b	butchered bone fragment
962	1981	1x2m	S17/E14	10-20	bone	NA							3	com	snake vertebrae
963	1981	1x2m	S17/E14	10-20	flakedstone	debitage	obsidian	0.9	0.7	0.2			1		
964	1981	1x2m	S17/E14	10-20	flakedstone	debitage	other	1.2	0.8	0.2		0.3	1		chalcedony with quartz in
965	1981	1x2m	S17/E14	10-20	flakedstone	utilizedflake	basalt	2.3	1.6	0.4			1		
966	1981	1x2m	S17/E14	10-20	flakedstone	utilizedflake	other	1.8	1.5	0.6			1		felsite

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
967	1981	1x2m	S17/E14	10-20	flakedstone	scraper	basalt	2.4	1.2	0.5			1		end-scraper
968	1981	1x2m	S17/E14	10-20	flakedstone	utilizedflake	basalt	2.4	1.5	0.3			1		
969	1981	1x2m	S17/E14	10-20	flakedstone	debitage	quartz	2.0	2.0	0.4			1		
970	1981	1x2m	S17/E14	10-20	flakedstone	core	other	4.7	3.4	1.3			1	frag	
971	1981	1x2m	S17/E14	10-20	charcoal	NA						1.1	9999		
972	1981	1x2m	S17/E14	10-20	pottery	TizonBrown							43		
973	1981	1x2m	S13/E14	10-20	groundstone	mano	granitic	7.0	8.5	5.0			1	com	F.A.R.
974	1981	1x2m	S13/E14	10-20	flakedstone	core	other	6.6	5.0	4.0			1	frag	cobble
975	1981	1x2m	S13/E14	10-20	flakedstone	core	granitic	6.3	5.6	4.5			1	frag	COBBLE
977	1981	1x2m	S22/W8	10-20	plastic	NA							4	frag	historic; white plastic
978	1981	1x2m	S22/W8	10-20	flakedstone	core	other	2.5	2.0	1.6			1	frag	cobble
979	1981	1x2m	S22/W8	10-20	flakedstone	utilizedflake	chalcedony	1.5	1.3	0.1			1	frag	
980	1981	1x2m	S22/W8	10-20	flakedstone	utilizedflake	other	1.9	1.8	0.1			1		felsite
981	1981	1x2m	S22/W8	10-20	flakedstone	utilizedflake	basalt	1.6	1.4	0.1			1		
982	1981	1x2m	S22/W8	10-20	flakedstone	knife	other	1.7	0.9	0.1			1		felsite
983	1981	1x2m	S22/W8	10-20	flakedstone	debitage	basalt	0.8	0.8	0.1			1		microflake
984	1981	1x2m	S22/W8	10-20	flakedstone	debitage	other	1.1	0.9	0.1			1		felsite
985	1981	1x2m	S22/W8	10-20	bone	NA							67	frag	14 burnt
986	1981	1x2m	S22/W8	10-20	bone	NA							3		snake vertebrae
987	1981	1x2m	S22/W8	10-20	pottery	NA		3.0	2.0	0.5			1	frag	desert buff
988	1981	1x2m	S5/E6	10-20	bone	NA							161	frag	some burnt?
989	1981	1x2m	S22/W8	10-20	pottery	TizonBrown							21	frag	
990	1981	1x2m	S22/W8	10-20	shell	marine shell		1.2	1.2	0.1			1	frag	abalone
991	1981	1x2m	S22/W8	10-20	charcoal	NA						4.9	9999		
992	1981	1x2m	S5/E6	10-20	pottery	TizonBrown							24	frag	
993	1981	1x2m	S5/E6	10-20	flakedstone	debitage		2.7	2.2	0.4			1		
994	1981	1x2m	S5/E6	10-20	flakedstone	knife	other	1.8	0.7	0.2			1		banded agate blade
995	1981	1x2m	S5/E6	10-20	flakedstone	knife	quartz	1.5	0.6	0.2			1	frag	
996	1981	1x2m	S5/E6	10-20	flakedstone	scraper	quartzite	2.6	1.2	0.5			1		side-scraper
997	1981	1x2m	S5/E6	10-20	pottery	TizonBrown		2.4	2.0	0.5			1	frag	rim sherd
998	1981	1x2m	S5/E6	10-20	flakedstone	scraper	chalcedony	3.1	2.2	1.0			1		
999	1981	1x2m	S5/E6	10-20	charcoal	NA						9.0	9999		
1000	1981	1x2m	S22/W4	30-40	flakedstone	scraper	chert	3.8	2.5	1.1			1		
1001	1981	1x2m	S18/W0	40-50	pottery	NA		1.5	1.7	0.5			1	frag	desert buff
1002	1981	1x2m	S22/W4	30-40	pottery	NA		3.5	3.6	0.5			1	frag	desert buff
1003	1981	1x2m	S18/W0	40-50	pottery	TizonBrown		1.7	1.4	0.3			1	frag	rim sherd
1004	1981	1x2m	S22/W4	30-40	flakedstone	utilizedflake	obsidian	1.5	1.3	0.3			1		utilized flake or scraper

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1005	1981	1x2m	S17/E10	10-20	pottery	TizonBrown		1.0	1.1	0.4			1	frag	rim sherd
1006	1981	1x2m	S18/W0	30-40	shell	bead		0.9	0.5	0.1			1		olivella
1007	1981	1x2m	S22/W4	30-40	shell	bead		1.0	0.6	0.1			1		olivella
1008	1981	Surface	S11/E0	surface	flakedstone	debitage	other					229.8	4		basalt, quartzite, and chert
1009	1981	Surface	S14/W2	surface	flakedstone	debitage	other					18.8	5		quartz, Mvporphyritic, qu
1010	1981	Surface	S6/E8	surface	flakedstone	debitage	quartz					4.3	1		
1011	1981	Surface	S12/E14	surface	flakedstone	debitage	quartzite					7.6	1		
1012	1981	Surface	S19 W2	surface	flakedstone	debitage	other					2.7	7		Metavolcanic, quartz, bas
1013	1981	Surface	S12/E2	surface	flakedstone	debitage	quartz					2.2	2		
1014	1981	STP	S6/E0	surface	flakedstone	debitage	other					7.1	5		quartz, basalt, quartzite,
1015	1981	Surface	S24 W4	surface	flakedstone	debitage	other					13.1	2		quartz, metavolcanic
1016	1981	Surface	S26 W10	surface	flakedstone	debitage	other					1.4	5		chert, basalt, quartz
1017	1981	Surface	S25 W2	surface	flakedstone	debitage	other					15.1	19		chert, felsite, quartz, basal
1018	1981	Surface	S17 E8	surface	flakedstone	debitage	other					68.4	2		quartzite, rhyolite
1019	1981	Surface	S25 W0	surface	flakedstone	debitage						14.1	16		
1020	1981	Surface	S17 W2	surface	flakedstone	debitage	quartz					0.4	1		
1021	1981	Surface	S25 W4	surface	flakedstone	debitage						1.0	3		
1022	1981	Surface	S20 W8	surface	flakedstone	debitage						41.3	9		
1023	1981	1x2m	S18/W0	40-50	flakedstone	projectilept	basalt	2.3	1.4	0.3		0.8	1		in situ; 5W 7N -47cm
1024	1981	1x2m	S18/W0	30-40	flakedstone	projectilept	quartz	1.0	0.7	0.4			1		
1025	1981	1x2m	S22/W4	30-40	flakedstone	projectilept	chert	1.7	0.8	0.4			1		large quartz inclusions
1026	1981	1x2m	S22/W4	60-70	shell	ornament		3.6	3.6	0.6			1	frag	shell fragment with circul
1027	1981	Surface	S7/E10	surface	shell	marine shell						5.1	8		2 chione californiensis 3.
1028	1981	1x2m	S14/W4	10-20	bone	NA							99	frag	
1029	1981	1x2m	S13/E6	10-20	bone	NA							574	frag	
1030	1981	1x2m	S14/W4	10-20	pottery	TizonBrown							36	frag	sherds
1031	1981	1x2m	S14/W4	10-20	pottery	TizonBrown		3.7	2.8	0.8			1	frag	rim sherd
1032	1981	Surface	S14/E0	surface	shell	marine shell						0.7	2		1 donax 0.2g; 1 chione fl
1033	1981	Surface	S12/E12	surface	shell	marine shell						0.3	1		donax
1034	1981	Surface	S2 E2	surface	shell	marine shell						1.4	6	frag	
1035	1981	Surface	S14/W0	surface	shell	marine shell						0.8	2		1 donax 0.4g; 1 unknown
1036	1981	Surface	S17 W8	surface	shell	marine shell						2.3	7		5 donax 1.2g; 1 chione un
1037	1981	Surface	S17 E2	surface	shell	marine shell						1.3	9		3 donax 0.7g; 6 unknown
1038	1981	Surface	S17 E4	surface	shell	marine shell						1.8	6		4 donax 1.2g; 1 pecten 0.
1039	1981	Surface	S21 W2	surface	shell	marine shell						3.9	4		1 donax 0.3g; 1 chione flu
1040	1981	1x2m	S14/W4	10-20	charcoal	NA							9999		15.4 ounces
1041	1981	1x2m	S22/W0	10-20	bone	NA							150	frag	95 burnt

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1042	1981	1x2m	S14/W4	10-20	flakedstone	debitage	other	1.4	0.7	0.1			1		this item was a portion of
1043	1981	1x2m	S14/W4	10-20	flakedstone	debitage	MVporphyritic	1.8	1.6	0.5			1		
1044	1981	1x2m	S14/W4	10-20	flakedstone	debitage	other	1.8	2.0	0.2			1		felsite
1045	1981	1x2m	S14/W4	10-20	flakedstone	debitage	basalt	1.5	1.2	0.2			1		
1046	1981	1x2m	S14/W4	10-20	flakedstone	knife	chert	1.7	0.7	0.3			1		blade flake
1047	1981	1x2m	S14/W4	10-20	flakedstone	knife	other	1.1	0.5	0.1			1		felsite
1048	1981	1x2m	S14/W4	10-20	flakedstone	debitage	other	0.9	0.5	0.1			1		felsite microflake
1049	1981	1x2m	S13/E14	10-20	pottery	TizonBrown		2.3	2.2	0.6			1	frag	possible neck/olla fragme
1050	1981	1x2m	S13/E14	10-20	pottery	NA		2.8	1.6	0.6			1	frag	desert buff
1051	1981	1x2m	S13/E14	10-20	pottery	TizonBrown		1.7	1.8	0.5			1	frag	rim sherd
1052	1981	1x2m	S13/E14	10-20	pottery	TizonBrown		2.0	0.9	1.0			1	frag	rim sherd
1053	1981	1x2m	S26/W12	10-20	bone	NA							42		19 burnt
1054	1981	1x2m	S26/W12	10-20	pottery	TizonBrown							18	frag	
1055	1981	1x2m	S26/W12	10-20	pottery	TizonBrown		2.0	1.8	0.5			1	frag	rim sherd
1056	1981	1x2m	S26/W12	10-20	flakedstone	debitage	other	2.0	0.7	0.4			1	frag	rhyolite fragment belongi
1057	1981	1x2m	S26/W12	10-20	flakedstone	core	granitic	3.0	3.0	2.0			1	frag	cobble
1058	1981	1x2m	S14/W4	10-20	flakedstone	knife	basalt	1.5	0.8	0.2			1		blade flake
1059	1981	1x2m	S14/W4	10-20	flakedstone	debitage		1.0	0.8	0.1			1		
1060	1981	1x2m	S14/W4	10-20	flakedstone	debitage	MVporphyritic	2.1	1.5	0.5			1		
1061	1981	1x2m	S13/E14	10-20	pottery	TizonBrown							37	frag	
1062	1981	1x2m	S13/E14	10-20	bone	NA							24		13 burnt
1063	1981	1x2m	S13/E14	10-20	bone	NA		1.6	1.0	0.4			1		snake vertebrae
1064	1981	1x2m	S13/E14	10-20	flakedstone	debitage	quartz	2.0	1.4	0.4			1		
1065	1981	1x2m	S13/E14	10-20	flakedstone	core	MVporphyritic	6.5	5.0	2.0			1	frag	
1066	1981	1x2m	S13/E14	10-20	flakedstone	utilizedflake	basalt	1.4	1.2	0.2			1		
1067	1981	1x2m	S26/W12	10-20	flakedstone	core	basalt	6.1	3.2	2.1			1	frag	cobble
1068	1981	1x2m	S26/W12	10-20	flakedstone	debitage	quartz	2.6	2.4	1.4			1		
1069	1981	1x2m	S13/E14	10-20	flakedstone	scraper	basalt	3.2	1.9	0.5			1		side-end scraper
1070	1981	1x2m	S13/E14	10-20	flakedstone	utilizedflake	basalt	2.5	1.2	0.2			1		
1071	1981	1x2m	S13/E14	10-20	flakedstone	scraper	basalt	3.7	2.1	0.2			1		side-end scraper
1072	1981	1x2m	S13/E14	10-20	flakedstone	scraper	MVporphyritic	3.8	3.0	1.0			1		
1073	1981	1x2m	S13/E14	10-20	flakedstone	debitage	basalt	1.0	0.7	0.1			1		microflake
1074	1981	1x2m	S13/E14	10-20	bone	awl		2.7	1.8	0.4			1	frag	could be a questionable pi
1075	1981	1x2m	S26/W12	10-20	metal	bullet							2		round shotgun pellets
1076	1981	1x2m	S26/W12	10-20	bone	NA		1.0	0.9	0.6			1		fish vertebra
1077	1981	1x2m	S14/W4	10-20	flakedstone	scraper	MVporphyritic	5.0	5.0	1.0			1		side-scraper
1078	1981	1x2m	S26/W12	10-20	charcoal	NA						0.3	9999		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1079	1981	1x2m	S14/W4	10-20	flakedstone	scraper	basalt	4.9	3.0	2.0			1		
1080	1981	1x2m	S22/W0	10-20	flakedstone	utilizedflake	basalt	2.0	1.2	0.4			1		
1081	1981	1x2m	S13/E14	10-20	flakedstone	utilizedflake	basalt	2.3	1.7	0.5			1		
1082	1981	1x2m	S22/W0	10-20	flakedstone	utilizedflake	MVporphyritic	2.5	1.4	0.2			1		
1083	1981	1x2m	S22/W0	10-20	flakedstone	utilizedflake	basalt	2.2	2.1	0.2			1		
1084	1981	1x2m	S22/W0	10-20	flakedstone	knife	chalcedony	1.0	0.7	0.1			1	frag	blade flake fragment
1085	1981	1x2m	S22/W0	10-20	flakedstone	debitage	chert	1.0	0.6	0.1			1		microflake
1086	1981	1x2m	S22/W0	10-20	flakedstone	debitage	other	0.7	0.7	0.1			1		felsite microflake
1087	1981	1x2m	S22/W0	10-20	flakedstone	debitage	basalt	0.8	0.6	0.1			1		microflake
1088	1981	1x2m	S22/W0	10-20	flakedstone	debitage	basalt	1.0	0.7	0.1			1		
1089	1981	1x2m	S13/E6	10-20	flakedstone	utilizedflake	other	1.7	2.3	0.4			1		rhyolite
1090	1981	1x2m	S13/E6	10-20	flakedstone	utilizedflake	basalt	1.4	2.5	0.2			1		
1091	1981	1x2m	S13/E6	10-20	flakedstone	debitage	other	1.2	1.0	0.1			1		felsite
1092	1981	1x2m	S13/E6	10-20	flakedstone	debitage	basalt	1.5	1.4	0.1			1		
1093	1981	1x2m	S13/E6	10-20	flakedstone	debitage	quartz	1.2	0.7	0.2			1		
1094	1981	1x2m	S13/E6	10-20	flakedstone	projectilept	chert	1.8	0.9	0.7			1	frag	
1095	1981	1x2m	S13/E6	10-20	pottery	TizonBrown							46	frag	
1096	1981	1x2m	S13/E6	10-20	charcoal	NA						2.2	9999		
1097	1981	1x2m	S22/W0	10-20	pottery	TizonBrown							51	frag	
1098	1981	1x2m	S22/W0	10-20	pottery	NA		2.0	1.7	0.4			1	frag	desert buff
1099	1981	1x2m	S22/W0	0-10	flakedstone	core	MVporphyritic	5.1	3.0	2.4			1	frag	
1100	1981	1x2m	S18/W0	10-20	bone	NA							391	frag	
1101	1981	1x2m	S18/W0	10-20	flakedstone	scraper	basalt	5.2	2.5	0.7			1		side-scraper
1102	1981	1x2m	S18/W0	10-20	flakedstone	utilizedflake	basalt	1.2	1.0	0.4			1		
1103	1981	1x2m	S22/W0	10-20	flakedstone	core	granitic	5.6	4.5	3.7			1	frag	cobble
1104	1981	1x2m	S22/W0	10-20	flakedstone	debitage	basalt	4.2	2.7	1.2			1		
1105	1981	1x2m	S22/W0	10-20	flakedstone	debitage	MVporphyritic	5.6	2.6	0.6			1		
1106	1981	1x2m	S22/W0	10-20	flakedstone	scraper	MVporphyritic	5.5	2.9	1.6			1		end-scraper
1107	1981	1x2m	S22/W0	10-20	charcoal	NA						3.2	9999		
1108	1981	1x2m	S9/E10	10-20	bone	NA							85	fragment/b	60 burnt
1109	1981	1x2m	S18/W0	10-20	flakedstone	utilizedflake	other	2.7	1.8	0.8			1		andesite
1110	1981	1x2m	S18/W0	10-20	flakedstone	debitage	other	1.7	1.4	0.2			1		felsite
1111	1981	1x2m	S18/W0	10-20	flakedstone	debitage	other	1.6	0.8	0.3			1		put into box with rhyolite
1112	1981	1x2m	S18/W0	10-20	flakedstone	debitage	basalt	1.9	2.4	0.3			1		
1113	1981	1x2m	S18/W0	10-20	flakedstone	debitage	chert	0.7	0.7	0.1			1		microflake
1114	1981	1x2m	S9/E10	10-20	flakedstone	scraper	basalt	3.7	3.0	0.8			1		
1115	1981	1x2m	S9/E10	10-20	flakedstone	utilizedflake	basalt	2.2	2.0	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1116	1981	1x2m	S9/E10	10-20	flakedstone	knife	chert	1.0	0.9	0.1			1	frag	blade flake
1117	1981	1x2m	S9/E10	10-20	flakedstone	utilizedflake	basalt	1.8	1.4	0.2			1		
1119	1981	1x2m	S18/W0	10-20	flakedstone	debitage	obsidian	0.5	1.1	0.2			1		
1120	1981	1x2m	S18/W0	10-20	pottery	TizonBrown							24	frag	
1121	1981	1x2m	S18/W0	10-20	charcoal	NA						12.2	9999		
1122	1981	1x2m	S9/E10	10-20	flakedstone	core	basalt	4.5	2.5	2.5			1	frag	broken-other part missing
1123	1981	1x2m	S26/W8	10-20	bone	NA							65	frag	
1124	1981	1x2m	S26/W8	10-20	pottery	TizonBrown							11	frag	
1125	1981	1x2m	S26/W8	10-20	flakedstone	knife		1.2	0.6	0.2			1		blade flake
1126	1981	1x2m	S26/W8	10-20	flakedstone	debitage	chalcedony	1.0	0.7	0.1			1		microflake
1127	1981	1x2m	S26/W8	10-20	flakedstone	debitage	other						1		rhyolite put into box with
1128	1981	1x2m	S26/W8	10-20	flakedstone	debitage	quartz	2.7	1.3	0.5			1		
1129	1981	1x2m	S26/W8	10-20	charcoal	NA							9999		unsure whether the card r
1130	1981	1x2m	S22/W4	10-20	flakedstone	core	chert	4.0	4.6	1.4			1		cobble
1131	1981	1x2m	S22/W4	10-20	flakedstone	debitage	basalt	0.8	0.8	0.1			1		microflake
1132	1981	1x2m	S22/W4	10-20	pottery	TizonBrown							33	frag	
1133	1981	1x2m	S9/E8	25-30	flakedstone	projectilept	quartz	2.3	1.5	0.5			1	frag	possible weight of 1.7gm
1134	1981	1x2m	S9/E10	10-20	flakedstone	debitage		1.1	0.6	0.1			1		microflake
1135	1981	1x2m	S9/E10	10-20	flakedstone	utilizedflake		1.5	1.2	0.1			1		
1136	1981	1x2m	S26/W4	10-20	charcoal	NA						7.9	9999		
1137	1981	1x2m	n/a	n/a	bone	NA							1		*item found by flotation i
1138	1981	1x2m	S22/W4	10-20	pottery	ColoradoBuff		3.2	2.3	0.4			1	frag	possible Colorado buff
1139	1981	1x2m	S22/W4	10-20	pottery	TizonBrown		1.3	1.0	0.6			1	frag	rim sherd
1140	1981	1x2m	S9/E10	10-20	pottery	TizonBrown							12	frag	
1141	1981	1x2m	S18/W8	10-20	pottery	TizonBrown							10	frag	possible neck sherd
1142	1981	1x2m	S18/W8	10-20	charcoal	NA						3.8	9999		
1143	1981	1x2m	S26/W4	10-20	flakedstone	utilizedflake	quartzite	1.4	1.3	0.3			1		
1144	1981	1x2m	S26/W4	10-20	bone	NA							92	frag	36 burnt
1145	1981	1x2m	S26/W4	10-20	flakedstone	knife		1.1	1.1	0.1			1		blade flake
1146	1981	1x2m	S26/W4	10-20	flakedstone	knife	chalcedony	1.2	0.9	0.2			1	frag	blade flake
1147	1981	1x2m	S26/W4	10-20	flakedstone	debitage	basalt	1.0	0.7	0.1			1		microflake
1148	1981	1x2m	S26/W4	10-20	flakedstone	debitage	other	0.9	0.6	0.1			1		felsite microflake
1149	1981	1x2m	S26/W4	10-20	pottery	TizonBrown							24	frag	
1150	1981	1x2m	S22/W4	10-20	charcoal	NA						4.0	9999		
1151	1981	1x2m	S22/W4	10-20	bone	NA							194	frag	
1152	1981	1x2m	S22/W4	10-20	shell	bead		1.3	0.8	0.7			1		possible olivella bead
1153	1981	1x2m	S14/W8	10-20	flakedstone	debitage	basalt	1.3	1.0	0.1			1		microflake

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1154	1981	1x2m	S14/W8	10-20	charcoal	NA						1.1	9999		see #3178
1155	1981	1x2m	S14/W8	10-20	pottery	TizonBrown		2.3	1.4	0.6			1	frag	
1156	1981	1x2m	S14/W8	10-20	bone	NA							13	frag	2 burnt
1157	1981	1x2m	S13/E6	20-30	bone	NA							943	frag	1 fish vertebra
1158	1981	1x2m	S13/E6	20-30	pottery	TizonBrown							48	frag	
1159	1981	1x2m	S14/W8	10-20	flakedstone	debitage	chalcedony	0.5	0.5	0.1			1		microflake
1160	1981	1x2m	S14/W8	10-20	flakedstone	debitage		1.9	1.4	0.2			1		
1161	1981	1x2m	S14/W8	10-20	flakedstone	debitage	basalt	1.3	0.9	0.2			1		microflake
1162	1981	1x2m	S14/W8	10-20	flakedstone	debitage	other	1.3	0.8	0.4			1		rhyolite
1163	1981	1x2m	S13/E6	20-30	pottery	TizonBrown		1.4	1.0	0.4			1	frag	In situ: N5, E73, -30cm
1164	1981	1x2m	S22/W4	30-40	charcoal	NA						52.9	9999		
1165	1981	1x2m	S22/W8	20-30	charcoal	NA						74.9	9999		
1166	1981	1x2m	S17/E10	20-30	charcoal	NA						2.5	9999		see #1174
1167	1981	1x2m	S14/W4	20-30	charcoal	NA						31.2	9999		
1168	1981	1x2m	S26/W4	20-30	charcoal	NA						27.0	9999		
1169	1981	1x2m	S22/W8	30-40	charcoal	NA						122.3	9999		see #2227
1170	1981	1x2m	S17/E14	20-30	charcoal	NA						13.3	9999		
1171	1981	1x2m	S17/E6	20-30	charcoal	NA						19.3	9999		
1172	1981	1x2m	S26/W8	20-30	charcoal	NA						10.2	9999		
1173	1981	1x2m	S9/E10	20-30	charcoal	NA						28.9	9999		
1174	1981	1x2m	S17/E10	20-30	charcoal	NA						3.1	9999		see #1166
1175	1981	1x2m	S5/E6	20-30	charcoal	NA						30.0	9999		
1176	1981	1x2m	S13/E10	20-30	charcoal	NA						13.0	9999		
1177	1981	1x2m	S18/W8	20-30	charcoal	NA						28.1	9999		stored in plastic bag by m
1178	1981	1x2m	S18 /W0	20-30	charcoal	NA						30.2	9999		
1179	1981	1x2m	S22/W4	20-30	charcoal	NA						24.5	9999		
1180	1981	1x2m	S18/W8	30-40	charcoal	NA						56.2	9999		see #2227 and #1169
1181	1981	Surface	S8/E4	surface	shell	marine shell						3.2	16		13 donax 2.6g; 1 chione c
1182	1981	1x2m	S26/W4	30-40	charcoal	NA						42.3	9999		
1183	1981	1x2m	S26/W12	30-40	charcoal	NA						6.0	9999		
1184	1981	1x2m	S17/E6	30-40	charcoal	NA						1.3	9999		see #2865
1185	1981	1x2m	S26/W8	30-40	charcoal	NA						8.0	9999		see #803
1186	1981	1x2m	S17/E14	30-40	charcoal	NA						17.2	9999		
1187	1981	1x2m	S13/E10	30-40	charcoal	NA						2.0	9999		see #3112
1188	1981	1x2m	S9/E10	30-40	charcoal	NA						28.6	9999		
1189	1981	1x2m	S5/E6	40-50	charcoal	NA						26.0	9999		SEE #2904 AND #2905
1190	1981	1x2m	S18/W8	40-50	charcoal	NA						85.9	9999		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1191	1981	1x2m	S26/W8	40-50	charcoal	NA						19.4	9999		see #2052
1192	1981	1x2m	S5/E6	30-40	charcoal	NA						43.7	9999		
1193	1981	1x2m	S18/W0	30-40	charcoal	NA						46.7	9999		
1194	1981	1x2m	S17/E10	30-40	charcoal	NA						8.3	9999		NW of unit only
1195	1981	Surface	S19 W8	surface	shell	marine shell						0.5	1		chione californiensis
1196	1981	1x2m	S22/W8	40-50	charcoal	NA						249.5	9999		
1197	1981	1x2m	S17/E10	40-50	charcoal	NA						29.3	9999		see #3183
1198	1981	1x2m	S22/W4	40-50	charcoal	NA						56.5	9999		
1199	1981	1x2m	S26/W12	40-50	charcoal	NA						0.8	9999		
1200	1981	1x2m	S22/W4	70-80	charcoal	NA						28.8	9999		
1201	1981	1x2m	S22/W4	50-60	charcoal	NA						57.0	9999		
1204	1981	1x2m	S17/E6	20-30	flakedstone	core	quartzite	5.5	3.0	2.0			1	frag	
1205	1981	1x2m	S17/E6	20-30	flakedstone	scraper	basalt	5.7	4.1	1.0			1		cobble
1206	1981	1x2m	S17/E6	20-30	groundstone	mano	granitic	5.0	3.0	2.0			1	fragment/b	F.A.R.
1207	1981	1x2m	S17/E6	20-30	other	other	granitic	6.3	2.3	1.5			1	frag	cobble
1208	1981	1x2m	S17/E6	20-30	flakedstone	core	MVporphyritic	5.7	2.2				1	frag	
1209	1981	1x2m	S17/E6	20-30	flakedstone	core	basalt	5.5	4.1	1.1			1	frag	
1210	1981	1x2m	S17/E6	20-30	flakedstone	scraper	MVporphyritic	4.9	3.0	1.4			1		
1211	1981	1x2m	S17/E6	20-30	flakedstone	scraper		4.4	3.0	1.0			1		
1212	1981	1x2m	S17/E6	20-30	flakedstone	scraper	chert	2.8	1.9	0.3			1		side-scraper
1213	1981	1x2m	S17/E6	20-30	flakedstone	debitage	quartz	3.1	1.1	0.5			1		
1214	1981	1x2m	S17/E6	20-30	flakedstone	debitage	basalt	0.8	0.5	0.1			1		microflake
1215	1981	1x2m	S17/E6	20-30	flakedstone	debitage	basalt	1.0	0.8	0.1			1		microflake
1216	1981	1x2m	S17/E6	20-30	flakedstone	debitage	basalt	1.1	0.7	0.1			1		microflake
1217	1981	1x2m	S17/E6	20-30	flakedstone	debitage	chert	1.0	0.7	0.1			1		microflake
1218	1981	1x2m	S17/E6	20-30	flakedstone	debitage	chert	1.0	0.6	0.1			1		microflake
1219	1981	1x2m	S17/E6	20-30	flakedstone	knife	chalcedony	0.8	0.5	0.1			1	frag	blade flake
1220	1981	1x2m	S17/E6	20-30	flakedstone	debitage	chalcedony	1.1	0.7	0.1			1		microflake
1221	1981	1x2m	S17/E6	20-30	flakedstone	utilizedflake	chert	1.4	1.1	0.2			1		
1222	1981	1x2m	S17/E6	20-30	flakedstone	debitage	basalt	1.8	1.2	0.3			1		
1223	1981	1x2m	S17/E6	20-30	flakedstone	utilizedflake	other	1.2	0.8	0.1			1	frag	felsite
1224	1981	1x2m	S17/E6	20-30	flakedstone	knife	basalt	1.7	1.1	0.1			1	frag	blade flake
1225	1981	1x2m	S17/E6	20-30	flakedstone	scraper	quartz	2.8	1.1	1.0			1		side-scraper
1226	1981	1x2m	S26/W4	10-20	pottery	TizonBrown		3.3	3.0	0.5			1	frag	rim sherd
1227	1981	1x2m	S17/E6	20-30	flakedstone	projectilept	quartz	1.7	1.7	0.5			1	frag	blank fragment
1228	1981	1x2m	S17/E6	20-30	glass	NA		1.2	0.5	0.3			1	frag	carmel glass
1229	1981	1x2m	S17/E6	20-30	bone	NA		2.0	1.5	0.3			1	frag	cranium fragment

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1230	1981	1x2m	S17/E6	20-30	other	unidentified		0.6	0.3	0.2			1		unknown solid silicious s
1231	1981	1x2m	S18/W0	40-50	charcoal	NA						109.5	9999		associated with possible h
1232	1981	1x2m	S6/E0	surface	shell	marine shell						6.6	23		2 pecten 2.0g; 19 donax 4
1233	1981	1x2m	S17/E6	20-30	bone	NA							803	frag	423 burnt
1234	1981	Surface	S12/E4	surface	shell	marine shell						2.3	8		4 donax .3g; 1 pecten .4g;
1235	1981	Surface	S25 W12	surface	shell	NA						0.1	1	frag	
1236	1981	Surface	S17 E12	surface	shell	marine shell						3.3	12		3 pecten 1.0g; 1 chione ca
1237	1981	1x2m	S17/E6	20-30	pottery	TizonBrown							56	frag	1- thin-smooth desert type
1238	1981	1x2m	S13/E10	20-30	bone	NA							2	frag	1 burnt
1239	1981	1x2m	S13/E10	20-30	pottery	TizonBrown							11	frag	
1240	1981	1x2m	S13/E10	20-30	flakedstone	utilizedflake	other	2.0	2.0	0.3			1		felsite
1241	1981	1x2m	S22/W8	20-30	other	other		0.5	0.3	0.3			2		one broken in half
1242	1981	1x2m	S22/W8	20-30	bone	NA							751		
1243	1981	1x2m	S22/W8	20-30	bone	NA							5		snake vertebrae
1244	1981	1x2m	S22/W8	20-30	bone	NA		1.0	1.0	0.1			1		fish vertebra
1245	1981	1x2m	S22/W8	20-30	bone	awl		0.7	0.3	0.2			1	frag	tip
1247	1981	1x2m	S22/W8	20-30	flakedstone	utilizedflake	basalt	1.0	1.0	0.1			1		
1248	1981	1x2m	S22/W8	20-30	flakedstone	debitage	basalt	1.3	0.8	0.1			1		microflake
1249	1981	1x2m	S22/W8	20-30	flakedstone	knife	quartz	3.4	1.3	0.5			1		blade flake
1250	1981	1x2m	S22/W8	20-30	flakedstone	utilizedflake	other	1.7	1.0	0.3			1		felsite
1251	1981	1x2m	S22/W8	20-30	flakedstone	utilizedflake	basalt	1.8	1.3	0.1			1		
1252	1981	1x2m	S22/W8	20-30	pottery	NA							75	frag	
1253	1981	Surface	S10/E10	surface	flakedstone	debitage	varied					6.5	7		
1254	1981	Surface	S24 W10	surface	flakedstone	debitage	varied					1.0	7		
1255	1981	Surface	S5 E2	surface	flakedstone	debitage	varied					9.4	3		
1256	1981	Surface	S23 W8	surface	flakedstone	debitage	varied					9.7	12		
1257	1981	Surface	S14/W0	surface	flakedstone	debitage	varied					2.5	4		
1258	1981	Surface	S8/E4	surface	flakedstone	debitage	varied					10.5	6		
1259	1981	Surface	S7/E4	surface	flakedstone	debitage	varied					5.1	7		
1260	1981	Surface	S26 W2	surface	flakedstone	debitage	varied					10.6	7		
1261	1981	Surface	S18 W4	surface	flakedstone	debitage	quartz					0.6	4		
1262	1981	Surface	S13/E8	surface	flakedstone	debitage	varied					1.9	12		
1263	1981	Surface	S23 W4	surface	flakedstone	debitage	varied					5.8	5		
1264	1981	Surface	S16 E6	surface	flakedstone	debitage	varied					3.3	3		
1265	1981	Surface	S8/E6	surface	flakedstone	debitage	varied					1.9	7		
1266	1981	Surface	S22 W6	surface	flakedstone	debitage	quartzite					18.6	1		
1267	1981	Surface	S19 W10	surface	flakedstone	debitage	varied					31.2	8		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1268	1981	Surface	S9/E10	surface	flakedstone	debitage	varied					19.8	12		
1269	1981	Surface	S6/E6	surface	flakedstone	debitage	quartz					0.9	2		
1270	1981	Surface	S14/E0	surface	flakedstone	debitage	varied					2.9	4		
1271	1981	Surface	S17 W0	surface	flakedstone	debitage	varied					2.2	3		
1272	1981	Surface	S14/W0	surface	flakedstone	debitage	obsidian	0.8	0.5	0.1			1		
1273	1981	Surface	S5 E2	surface	flakedstone	projectilept	quartz	2.8	2.2	0.7		4.2	1		blank
1274	1981	1x2m	S13/E6	20-30	other	other		2.5	1.5	1.5			1		ochre nodule
1275	1981	1x2m	S13/E6	20-30	metal	other		1.4	0.4	0.3			1	frag	iron fragment
1276	1981	1x2m	S13/E6	20-30	other	other		0.8	0.8	0.5			1		hematite nodule
1277	1981	Surface	S13/E0	surface	shell	marine shell						2.0	5		3 donax 0.7g; 1 chione un
1278	1981	Surface	S7/E0	surface	shell	marine shell						4.7	20		16 donax 2.3g; 1 pecten 0
1279	1981	Surface	S9/E2	surface	shell	marine shell						14.3	40		32 donax 8.8g;
1280	1981	Surface	S13/E8	surface	shell	marine shell						12.4	32		2 chione fluctifraga 4.8g;
1281	1981	1x2m	S13/E6	20-30	glass	bead		0.7	0.5	0.3			1	frag	fused/melted
1282	1981	1x2m	S13/E6	20-30	flakedstone	knife	other	2.6	0.9	0.3			1		blade fragment
1283	1981	1x2m	S22/W8	30-40	flakedstone	projectilept	basalt	1.2	0.6	0.2			1	frag	
1284	1981	1x2m	S22/W8	30-40	flakedstone	core	chalcedony	2.0	1.8	0.8			1	frag	micro-core
1285	1981	1x2m	S22/W8	30-40	flakedstone	utilizedflake	chalcedony	2.0	1.7	0.2			1		
1286	1981	1x2m	S13/E6	20-30	flakedstone	utilizedflake	chalcedony	1.2	0.9	0.2			1		
1287	1981	1x2m	S13/E6	20-30	flakedstone	knife	chert	1.0	0.4	0.3			1	frag	blade flake
1288	1981	1x2m	S22/W8	30-40	flakedstone	utilizedflake	other	2.2	1.2	0.3			1		felsite
1289	1981	1x2m	S13/E6	20-30	flakedstone	debitage	quartz	0.7	0.6	0.2			1		microflake
1290	1981	1x2m	S17/E10	20-30	flakedstone	core	basalt	11.0	7.5	7.2			1		fractured into 3 pieces
1291	1981	1x2m	S17/E10	20-30	pottery	TizonBrown							59	frag	
1292	1981	1x2m	S17/E10	20-30	pottery	TizonBrown		1.1	0.9	0.3			1	frag	rim sherd
1293	1981	1x2m	S17/E10	20-30	pottery	TizonBrown		1.6	1.6	0.4			1	frag	white slipped sherd (exter
1294	1981	1x2m	S17/E10	20-30	bone	NA							196		
1295	1981	Surface	S11/E6	surface	shell	marine shell						12.5	26		20 donax 4.6g;
1296	1981	Surface	S15 W2	surface	shell	marine shell						3.3	6		4 donax 1.2g;
1297	1981	Surface	S9/E8	surface	shell	marine shell						4.1	22		13 donax 2.3g;
1298	1981	Surface	S15 E14	surface	shell	marine shell						11.2	28		12 donax 2.8g;
1299	1981	Surface	S7/E4	surface	shell	marine shell						7.5	34		29 donax 5.0g;
1300	1981	1x2m	S18/W0	20-30	bone	NA							613		121 BURNT
1301	1981	1x2m	S17/E10	20-30	flakedstone	core	quartz	2.4	0.7	0.5			1	frag	micro-core
1302	1981	1x2m	S22/W8	30-40	bone	ornament		4.0	2.0	1.0			1	frag	polished bone
1303	1981	1x2m	S17/E10	20-30	flakedstone	utilizedflake	basalt	2.9	1.5	0.2			1		
1304	1981	1x2m	S17/E10	20-30	flakedstone	utilizedflake	chalcedony	1.8	1.2	0.2			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1305	1981	1x2m	S17/E10	20-30	flakedstone	utilizedflake	chalcedony	1.7	2.2	0.4			1		
1306	1981	1x2m	S22/W8	30-40	flakedstone	knife	basalt	2.0	0.9	0.2			1		blade flake
1307	1981	1x2m	S17/E10	20-30	flakedstone	debitage	chert	1.1	0.7	0.1			1		microflake
1308	1981	1x2m	S17/E10	20-30	flakedstone	debitage	other	1.0	0.7	0.1			1	frag	Rhyolite: may be part of c
1309	1981	1x2m	S17/E10	20-30	flakedstone	scraper	basalt	2.5	2.9	1.8			1	frag	side-scraper from a core f
1310	1981	1x2m	S18/W0	20-30	bone	NA		0.3	0.4	0.4			1		fish vertebra
1311	1981	1x2m	S17/E10	20-30	flakedstone	core	basalt	4.3	5.0	2.5			1	frag	
1312	1981	1x2m	S17/E10	20-30	flakedstone	projectilept	quartz	0.9	0.8	0.3		0.4	1	frag	
1313	1981	1x2m	S17/E10	20-30	flakedstone	projectilept	quartz	0.7	0.7	0.3		0.3	1	frag	
1314	1981	1x2m	S17/E10	20-30	pottery	TizonBrown							7	frag	
1315	1981	1x2m	S17/E10	20-30	bone	NA							80	frag	material from isolated are
1316	1981	1x2m	S18/W0	20-30	flakedstone	scraper		1.8	1.0	0.3			1		side-scraper/utilized flake
1317	1981	1x2m	S18/W0	20-30	flakedstone	knife	basalt	0.7	0.4	0.1			1	frag	blade flake
1318	1981	1x2m	S18/W0	20-30	flakedstone	knife	quartz	1.9	0.7	0.3			1		blade flake
1319	1981	1x2m	S18/W0	20-30	flakedstone	utilizedflake	basalt	2.0	1.9	0.5			1		
1320	1981	1x2m	S18/W0	20-30	flakedstone	NA	granitic	4.7	3.7	1.0			1	frag	cobble
1321	1981	1x2m	S18/W0	20-30	flakedstone	utilizedflake	other	1.3	0.9	0.2			1		felsite
1322	1981	1x2m	S17/E10	20-30	flakedstone	utilizedflake	chalcedony	1.2	1.3	0.3			1		
1323	1981	1x2m	S17/E10	20-30	shell	bead		1.2	0.7	0.6			1		olivella
1324	1981	1x2m	S17/E10	50-60	charcoal	NA						20.0	9999		see #3184
1325	1981	1x2m	S22/W8	30-40	pottery	TizonBrown							42	frag	
1326	1981	1x2m	S18/W0	20-30	bone	NA		5.0	2.8	1.2			1		worked bone---rounded a
1327	1981	1x2m	S22/W8	30-40	pottery	NA		3.5	2.0	0.4			1	frag	desert "Colorado" buff
1328	1981	1x2m	S22/W8	30-40	bone	NA							800	frag	snake and larg burned cra
1329	1981	1x2m	S18/W0	20-30	flakedstone	utilizedflake	other	2.7	1.5	0.5			1		7N 83E 27D
1330	1981	1x2m	S18/W0	20-30	flakedstone	utilizedflake	basalt	1.9	1.6	0.4			1		16N 8E 30D
1331	1981	1x2m	S18/W0	20-30	flakedstone	knife	quartzite	1.4	0.5	0.3			1	frag	blade flake
1332	1981	1x2m	S18/W0	20-30	flakedstone	utilizedflake	jasper	1.6	1.3	0.3			1		52N 83E 24D
1333	1981	1x2m	S18/W0	20-30	flakedstone	knife	quartz	1.1	0.7	0.2			1	frag	blade flake
1334	1981	1x2m	S18/W0	20-30	flakedstone	knife	basalt	2.1	1.1	0.3			1		blade flake
1335	1981	1x2m	S18/W0	20-30	pottery	TizonBrown							46	frag	
1336	1981	1x2m	S18/W0	20-30	pottery	NA		3.0	1.9	0.3			1	frag	desert buff
1337	1981	1x2m	S17/E14	20-30	bone	NA							336	frag	228 burnt
1338	1981	1x2m	S17/E14	20-30	pottery	TizonBrown							45	frag	
1339	1981	1x2m	S17/E14	20-30	flakedstone	utilizedflake	basalt	2.8	1.8	0.2			1		
1340	1981	1x2m	S17/E14	20-30	flakedstone	debitage	chert	2.0	1.2	0.2			1		
1341	1981	1x2m	S17/E14	20-30	flakedstone	knife	quartz	1.1	0.7	0.1			1	frag	blade flake

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1342	1981	1x2m	S17/E14	20-30	flakedstone	debitage	chert	0.8	0.6	0.1			1		microflake
1343	1981	1x2m	S17/E14	20-30	flakedstone	debitage	chert	0.8	0.5	0.1			1		microflake
1344	1981	1x2m	S17/E14	20-30	flakedstone	debitage	chert	0.7	0.5	0.1			1		microflake
1345	1981	1x2m	S26/W12	40-50	flakedstone	projectilept	quartz	2.3	1.6	0.5		1.7	1		
1346	1981	1x2m	S26/W12	40-50	flakedstone	projectilept	quartz	2.2	1.3	0.3		1.1	1		
1347	1981	1x2m	S22/W8	40-50	other	other		8.5	5.4	2.0			1	frag	COBBLE
1348	1981	1x2m	S26/W12	40-50	flakedstone	projectilept	obsidian	1.6	1.0	0.3			1		serrated
1349	1981	1x2m	S22/W8	30-40	flakedstone	debitage	chalcedony	0.7	0.6	0.1			1		microflake
1350	1981	1x2m	S22/W8	30-40	flakedstone	debitage	quartz	0.5	0.4	0.1			1		microflake
1351	1981	1x2m	S22/W8	30-40	flakedstone	debitage	basalt	0.6	0.5	0.1			1		microflake
1352	1981	1x2m	S22/W8	30-40	flakedstone	debitage	basalt	0.4	0.3	0.1			1		microflake
1353	1981	1x2m	S22/W8	30-40	flakedstone	debitage	chalcedony	0.3	0.4	0.1			1		microflake
1354	1981	1x2m	S22/W8	30-40	flakedstone	debitage	other	0.5	0.4	0.1			1		felsite
1355	1981	Surface	S22 W0	surface	flakedstone	debitage	varied					1.0	3		
1356	1981	Surface	S13/E10	surface	flakedstone	debitage	varied					2.7	10		
1357	1981	Surface	S16 E0	surface	flakedstone	debitage	varied						2		
1358	1981	Surface	S13/E6	surface	flakedstone	debitage	varied					9.6	10		
1359	1981	Surface	S18 WO	surface	flakedstone	debitage	varied					14.9	15		
1360	1981	Surface	S14/W8	surface	flakedstone	debitage	varied					10.3	14		
1361	1981	1x2m	S26/W4	20-30	pottery	TizonBrown							48	frag	
1362	1981	1x2m	S26/W4	20-30	pottery	TizonBrown		2.0	1.1	0.4			1	frag	rim sherd
1363	1981	1x2m	S26/W4	20-30	flakedstone	utilizedflake	chalcedony	1.4	1.7	0.3			1		
1364	1981	1x2m	S26/W4	20-30	flakedstone	projectilept	other	4.0	2.1	0.8			1	frag	incompleted
1365	1981	1x2m	S26/W4	20-30	flakedstone	utilizedflake	MVporphyritic	3.0	3.0	0.7			1		
1366	1981	1x2m	S14/W4	20-30	pottery	TizonBrown							38	frag	
1367	1981	1x2m	S26/W4	20-30	other	other	quartz	2.9	1.9	0.8			1	frag	possible burin
1368	1981	1x2m	S26/W4	20-30	bone	NA							352	frag	snake vertebrae and large
1369	1981	1x2m	S14/W4	20-30	pottery	ColoradoBuff		1.7	1.2	0.4			1	frag	Colorado buff
1370	1981	1x2m	S14/W4	20-30	bone	NA							141	frag	
1371	1981	1x2m	S14/W4	20-30	flakedstone	core	basalt	4.4	4.0	2.0			1		
1372	1981	1x2m	S14/W4	20-30	flakedstone	core	quartzite	5.5	5.0	1.5			1	frag	
1373	1981	1x2m	S14/W4	20-30	flakedstone	knife	basalt	2.7	1.2	0.4			1		blade flake
1374	1981	1x2m	S14/W4	20-30	flakedstone	core	quartzite	4.0	2.4	1.8			1	frag	
1375	1981	1x2m	S14/W4	20-30	flakedstone	debitage	chalcedony	0.9	0.7	0.1			1		microflake
1376	1981	1x2m	S5/E6	20-30	pottery	TizonBrown							28	frag	
1377	1981	1x2m	S17/E14	20-30	pottery	TizonBrown		2.1	1.8	0.3			1		see #1293
1378	1981	Surface	S24 W10	surface	shell	marine shell						0.3	1	frag	chione fluctifraga

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1379	1981	1x2m	1	S17 E14	other	other	basalt	4.8	3.2	1.2			1	frag	cobble
1380	1981	1x2m	S5/E6	20-30	bone	NA							258	frag	large talus (deer?)
1381	1981	Surface	S15 W4	surface	shell	marine shell						0.2	2		donax
1382	1981	Surface	S17 E6	surface	flakedstone	debitage	varied					2.1	7		
1383	1981	1x2m	S24/W2	surface	flakedstone	debitage	quartzite					0.6	1		
1384	1981	Surface	S14/E10	surface	flakedstone	debitage	varied					4.1	13		
1385	1981	Surface	S23 W0	surface	shell	marine shell						1.3	6	frag	1 acmae limatula 0.1g;
1386	1981	Surface	S6/E4	surface	shell	marine shell						7.8	30		19 donax whole 4.8g;
1387	1981	1x2m	S5/E6	20-30	flakedstone	scraper	MVporphyritic	7.7	3.3	1.3			1		
1388	1981	1x2m	S22/W0	20-30	bone	NA							81	frag	21 burnt
1389	1981	1x2m	S5/E6	20-30	flakedstone	core	basalt	5.7	3.5	3.2			1		
1390	1981	1x2m	S5/E6	20-30	flakedstone	utilizedflake	basalt	1.8	1.1	0.1			1		
1391	1981	1x2m	S5/E6	20-30	flakedstone	utilizedflake	basalt	1.3	1.6	0.2			1		
1392	1981	Surface	S24 W2	surface	shell	marine shell						0.8	3	frag	2 pecten 0.4g;
1393	1981	Surface	S24 W0	surface	shell	NA						0.4	2		
1394	1981	1x2m	S5/E6	20-30	flakedstone	utilizedflake	basalt	1.4	1.4	0.3			1		
1395	1981	Surface	S6/E10	surface	shell	marine shell						17.1	10		
1396	1981	Surface	S14/W4	surface	shell	marine shell						9.7	23		
1397	1981	Surface	S5 E6	surface	flakedstone	debitage	varied						4		actual count not given but
1398	1981	1x2m	S22/W0	20-30	bone	NA		1.5	0.8	0.3			1	frag	worked and polished bone
1399	1981	1x2m	S22/W4	20-30	pottery	TizonBrown							42	frag	
1400	1981	1x2m	S22/W0	20-30	bone	NA							1		worked bone- flat/striated
1401	1981	1x2m	S14/W4	20-30	flakedstone	projectilept	quartz	1.6	0.6	0.3			1		bifacially worked
1402	1981	1x2m	S22/W0	20-30	flakedstone	debitage	basalt	1.5	1.2	0.1			1		
1403	1981	1x2m	S22/W0	20-30	flakedstone	utilizedflake	basalt	1.7	1.3	0.1			1		
1404	1981	1x2m	S22/W0	20-30	flakedstone	utilizedflake	basalt	2.2	1.6	0.2			1		
1405	1981	1x2m	S22/W0	20-30	bone	awl		6.2	1.2	0.5			1	frag	polished striated bone
1406	1981	1x2m	S22/W0	20-30	flakedstone	debitage	quartz	1.9	1.9	0.6			1		
1407	1981	1x2m	S22/W4	20-30	flakedstone	scraper	basalt	4.1	2.8	2.2			1		
1408	1981	1x2m	S22/W4	20-30	flakedstone	scraper	basalt	5.8	2.9	1.3			1		
1409	1981	1x2m	S22/W4	20-30	flakedstone	utilizedflake	MVporphyritic	3.5	2.1	0.4			1		
1410	1981	1x2m	S22/W4	20-30	flakedstone	utilizedflake	basalt	2.6	3.1	0.6			1		
1411	1981	1x2m	S22/W4	20-30	flakedstone	utilizedflake	chalcedony	3.3	1.7	0.5			1		
1412	1981	1x2m	S22/W4	20-30	flakedstone	utilizedflake	chalcedony	1.8	1.6	0.4			1		
1413	1981	1x2m	S22/W4	20-30	flakedstone	utilizedflake	MVporphyritic	1.5	1.1	0.2			1		
1414	1981	1x2m	S22/W4	20-30	flakedstone	debitage	other	0.8	0.6	0.1			1		felsite
1415	1981	1x2m	S22/W4	20-30	flakedstone	debitage	basalt	0.5	0.7	0.1			1		microflake

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1416	1981	1x2m	S22/W0	20-30	flakedstone	projectilept	quartz	2.0	1.2	0.8			1		point blank (reject)
1417	1981	1x2m	S22/W0	20-30	flakedstone	scraper	MVporphyritic	6.0	2.8	1.2			1		
1418	1981	1x2m	S22/W0	20-30	flakedstone	knife	basalt	2.0	0.5	0.2			1		blade flake
1419	1981	1x2m	S22/W0	20-30	other	other	granitic	1.3	1.0	1.0			1	frag	pebble fragment
1420	1981	1x2m	S22/W0	20-30	flakedstone	core	quartz	5.0	3.2	1.6			1	frag	
1421	1981	1x2m	S22/W0	20-30	flakedstone	core	quartz	3.2	2.5	3.0			1	frag	
1422	1981	1x2m	S22/W0	20-30	pottery	TizonBrown							58	frag	
1423	1981	1x2m	S22/W0	20-30	pottery	TizonBrown		2.0	2.2	0.6			1	frag	rim sherd
1424	1981	1x2m	S22/W0	20-30	pottery	NA		3.0	1.8	0.4			1	frag	
1425	1981	1x2m	S22/W4	20-30	bone	NA							201		
1426	1981	1x2m	S22/W4	20-30	pottery	NA		4.1	3.3	0.6			1	frag	rim sherd
1427	1981	1x2m	S22/W4	20-30	shell	bead		1.1	0.7				1		olivella
1428	1981	1x2m	S9/E10	20-30	bone	NA							892	frag	334 burnt
1429	1981	1x2m	S9/E10	20-30	bone	NA		0.3	0.3	0.3			1		fish vertebra
1430	1981	1x2m	S9/E10	20-30	flakedstone	scraper	basalt	5.1	3.5	1.0			1		
1431	1981	1x2m	S9/E10	20-30	pottery	TizonBrown							47	frag	
1432	1981	1x2m	S18/W8	20-30	bone	NA							9999	frag	count unknown
1433	1981	1x2m	S18/W8	20-30	flakedstone	debitage	basalt	0.6	0.5	0.1			1		microflake
1434	1981	1x2m	S18/W8	20-30	pottery	TizonBrown							23	frag	
1435	1981	1x2m	S22/W4	20-30	shell	bead		1.9	0.8				1		olivella
1436	1981	1x2m	S22/W4	20-30	shell	bead		1.5	1.0				1		olivella
1437	1981	1x2m	S22/W4	20-30	metal	nail/tack		3.1	0.5	0.4			1		square nail
1438	1981	1x2m	S22/W4	20-30	flakedstone	utilizedflake	quartzite	1.6	1.7	0.6			1		
1439	1981	1x2m	S26/W12	20-30	bone	NA							89		
1440	1981	1x2m	S26/W12	20-30	pottery	TizonBrown							24	frag	
1441	1981	1x2m	S26/W12	20-30	pottery	NA		3.4	2.6	0.7			1		rim sherd
1442	1981	1x2m	S26/W12	20-30	shell	bead		1.1	0.6				1		olivella
1443	1981	1x2m	S26/W12	20-30	flakedstone	utilizedflake	MVporphyritic	2.8	3.2	0.5			1		
1444	1981	1x2m	S26/W12	20-30	flakedstone	core	other	1.5	1.6	0.9			1	frag	bonded agate
1445	1981	1x2m	S26/W12	20-30	flakedstone	utilizedflake	chalcedony	2.7	1.5	0.4			1		
1446	1981	1x2m	S26/W12	20-30	flakedstone	debitage	basalt	2.0	1.2	0.2			1		
1447	1981	1x2m	S13/E14	20-30	bone	NA							19		
1448	1981	1x2m	S13/E14	20-30	pottery	TizonBrown							14	frag	
1449	1981	1x2m	S13/E14	20-30	flakedstone	utilizedflake	quartz	2.2	1.5	0.4			1		
1450	1981	1x2m	S13/E14	20-30	flakedstone	utilizedflake	basalt	3.0	1.6	0.8			1		
1451	1981	1x2m	S26/W8	20-30	bone	NA							101	frag	
1452	1981	1x2m	S26/W8	20-30	pottery	TizonBrown							28	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1453	1981	1x2m	S26/W8	20-30	flakedstone	utilizedflake	quartzite	3.8	2.0	1.0			1		
1454	1981	1x2m	S26/W8	20-30	flakedstone	utilizedflake	other	2.8	1.5	0.5			1		felsite
1455	1981	1x2m	S13/E14	20-30	flakedstone	scraper	MVporphyritic	7.5	5.0	2.3			1		
1456	1981	1x2m	S13/E14	20-30	groundstone	mano	granitic	5.6	3.8	1.5			1	frag	
1457	1981	Surface	S26 W2	surface	shell	marine shell						4.8	4	frag	
1458	1981	Surface	S10/E12	surface	shell	marine shell						7.1	9		
1459	1981	Surface	S24 W12	surface	shell	NA						0.1	2	frag	
1460	1981	Surface	S7/E6	surface	shell	marine shell						5.4	19		
1461	1981	Surface	S14/E8	surface	shell	marine shell						13.2	38		
1462	1981	Surface	S10/E6	surface	shell	marine shell						8.0	28		
1463	1981	Surface	S20 W6	surface	shell	marine shell						1.1	4	frag	
1464	1981	Surface	S6/E6	surface	shell	marine shell						1.7	7		
1465	1981	1x2m	S13/E10	20-30	groundstone	metate		7.4	7.0	3.9			1	frag	
1466	1981	Surface	S16 W2	surface	shell	marine shell						0.5	2	frag	
1467	1981	Surface	S14/W2	surface	shell	marine shell						8.1	18		
1468	1981	1x2m	S13/E10	20-30	groundstone	mano	basalt	3.8	4.0	3.7			1	frag	COBBLE
1469	1981	1x2m	S13/E10	20-30	flakedstone	core	basalt	5.8	2.9	1.5			1	frag	COBBLE
1470	1981	1x2m	S13/E10	20-30	flakedstone	core	basalt	5.2	4.0	3.3			1	frag	cobble
1471	1981	1x2m	S13/E10	20-30	flakedstone	core	basalt	3.1	1.5	3.0			1	frag	cobble
1472	1981	1x2m	S13/E10	20-30	flakedstone	debitage	basalt	2.0	1.2	0.2			1		
1473	1981	1x2m	S13/E10	20-30	flakedstone	debitage	basalt	2.0	1.3	0.2			1		
1474	1981	1x2m	S13/E10	20-30	flakedstone	knife	quartz	0.8	0.7	0.2			1	frag	blade flake tip
1475	1981	1x2m	S13/E10	20-30	flakedstone	debitage	basalt	1.7	1.5	0.2			1		
1476	1981	1x2m	S13/E10	20-30	flakedstone	debitage	basalt	1.5	1.3	0.1			1		
1477	1981	1x2m	S13/E10	20-30	flakedstone	scraper		3.0	1.4	0.3			1		side-scraper
1478	1981	1x2m	S13/E10	20-30	flakedstone	debitage	basalt	0.8	0.7	0.1			1		microflake
1479	1981	1x2m	S13/E10	20-30	flakedstone	debitage	other	0.5	0.5	0.1			1		felsite
1480	1981	1x2m	S13/E10	20-30	flakedstone	debitage	obsidian	1.5	1.0	0.2			1		
1481	1981	1x2m	S13/E10	20-30	flakedstone	debitage	obsidian	1.2	0.5	0.1			1		
1482	1981	1x2m	S13/E10	20-30	flakedstone	debitage	obsidian	0.7	0.6	0.1			1		
1483	1981	1x2m	S13/E10	20-30	bone	NA							399	frag	200 burnt
1484	1981	1x2m	S5/E6	30-40	pottery	TizonBrown		3.2	2.0	0.5			1	frag	altered sherd
1485	1981	1x2m	S5/E6	30-40	pottery	TizonBrown		1.2	1.0	0.3			1	frag	altered sherd
1486	1981	1x2m	S13/E10	20-30	pottery	TizonBrown							65	frag	
1487	1981	1x2m	S5/E6	20-30	pottery	pipe		2.3	1.1	0.2			1	frag	
1488	1981	1x2m	S26/W8	40-50	pottery	TizonBrown		2.2	1.9	0.4			1	frag	rim sherd
1489	1981	1x2m	S5/E6	30-40	pottery	TizonBrown							35	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1490	1981	1x2m	S5/E6	30-40	pottery	NA		4.1	2.6	0.5			1	frag	desert buff
1491	1981	1x2m	S5/E6	30-40	pottery	NA		4.0	3.3	0.5			1	frag	desert buff
1492	1981	1x2m	S5/E6	30-40	pottery	NA		1.5	1.2	0.4			1	frag	desert buff
1493	1981	1x2m	S5/E6	30-40	pottery	pipe		1.0	0.8	0.3			1	frag	P4
1494	1981	1x2m	S5/E6	30-40	bone	NA							374	frag	116 burnt
1495	1981	1x2m	S22/W4	30-40	pottery	TizonBrown							46	frag	
1496	1981	1x2m	S22/W4	30-40	pottery	TizonBrown		3.2	1.9	0.6			1	frag	"shaped"
1497	1981	1x2m	S22/W4	30-40	bone	NA							365	frag	
1498	1981	1x2m	S22/W4	30-40	bone	NA		1.3	0.6	0.2			1	frag	worked bone
1499	1981	1x2m	S22/W4	30-40	bone	NA		4.4	1.1	0.7			1		with butcher marks
1500	1981	1x2m	S22/W4	30-40	flakedstone	debitage	MVporphyritic	2.2	1.8	0.4			1		
1501	1981	1x2m	S22/W4	30-40	flakedstone	utilizedflake	basalt	2.0	1.1	0.3			1		
1502	1981	1x2m	S22/W4	30-40	flakedstone	debitage	quartz	0.7	0.5	0.1			1		microflake
1503	1981	1x2m	S22/W4	30-40	flakedstone	debitage	other	0.7	0.4	0.1			1		microflake
1504	1981	1x2m	S17/E6	30-40	bone	NA							1077	frag	
1505	1981	1x2m	S17/E6	30-40	pottery	TizonBrown							1	frag	
1506	1981	1x2m	S17/E6	30-40	flakedstone	utilizedflake	other	2.4	1.3	0.7			1		andesite
1507	1981	1x2m	S26/W8	30-40	pottery	TizonBrown							5	frag	
1508	1981	1x2m	S26/W8	30-40	bone	NA							23	frag	
1509	1981	1x2m	S26/W8	30-40	flakedstone	debitage	quartz	0.9	0.5	0.2			1		microflake
1510	1981	1x2m	S13/E14	30-40	flakedstone	core	basalt	6.2	4.7	3.5			1		
1511	1981	1x2m	S13/E14	30-40	flakedstone	scraper		4.5	5.5	2.0			1		
1512	1981	1x2m	S26/W4	30-40	pottery	TizonBrown							35	frag	
1513	1981	1x2m	S26/W4	30-40	pottery	TizonBrown		3.0	2.1	0.4			1		altered sherd
1514	1981	1x2m	S26/W4	30-40	pottery	TizonBrown		2.6	2.0	0.4			1	frag	rim sherd
1515	1981	1x2m	S26/W4	30-40	pottery	TizonBrown		3.0	3.0	0.5			1	frag	modified rim sherd
1516	1981	1x2m	S26/W4	30-40	bone	NA							297	frag	
1517	1981	1x2m	S26/W4	30-40	bone	NA		1.5	0.7	0.6			1		worked with rounded/stria
1518	1981	1x2m	S26/W4	30-40	flakedstone	knife	MVporphyritic	5.5	4.1	0.7			1		leaf shaped
1519	1981	1x2m	S26/W4	30-40	groundstone	hammr/grindr		3.8	3.0	2.6			1	frag	abraded cobble, crushed e
1520	1981	1x2m	S26/W4	30-40	flakedstone	core	quartzite	5.0	2.9	2.2			1	frag	
1521	1981	1x2m	S26/W4	30-40	flakedstone	debitage	basalt	0.9	0.7	0.2			1		microflake
1522	1981	1x2m	S26/W4	30-40	flakedstone	knife	quartz	0.9	0.4	0.1			1		micro-blade flake
1523	1981	1x2m	S26/W4	30-40	flakedstone	debitage	other						2		rhyolite flakes from core
1524	1981	1x2m	S26/W4	30-40	flakedstone	knife	chalcedony	0.8	0.4	0.1			1		micro-blade flake
1525	1981	1x2m	S5/E6	30-40	flakedstone	core	quartz	5.2	4.2	1.5			1	frag	
1526	1981	1x2m	S5/E6	30-40	flakedstone	core	basalt	3.8	2.5	1.5			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1527	1981	1x2m	S5/E6	30-40	flakedstone	scraper	chert	2.8	1.9	0.7		-	1		
1528	1981	1x2m	S5/E6	30-40	flakedstone	debitage	basalt	1.0	0.8	0.1			1		microflake
1529	1981	1x2m	S5/E6	30-40	flakedstone	debitage	basalt	1.0	0.9	0.1			1		microflake
1530	1981	1x2m	S5/E6	30-40	flakedstone	knife	basalt	0.8	0.5	0.1			1	frag	blade flake
1531	1981	1x2m	S26/W12	30-40	flakedstone	scraper	other	2.3	1.5	0.2			1		blade flake scraper, 4d
1532	1981	1x2m	S26/W12	30-40	flakedstone	scraper	MVporphyritic	3.4	3.0	1.5			1		
1533	1981	1x2m	S26/W12	30-40	bone	NA							159	frag	55 burnt
1534	1981	1x2m	S26/W12	30-40	bone	NA							6		snake vertebrae
1535	1981	Surface	S20 W2	surface	shell	marine shell						1.7	4	frag	
1536	1981	Surface	S19 W12	surface	shell	NA						0.1	1	frag	
1537	1981	Surface	S23 W0	surface	shell	marine shell						0.3	2	frag	
1538	1981	Surface	S21 W4	surface	shell	marine shell						3.0	8		
1539	1981	1x2m	S17/E4	30-40	bone	NA							292	frag	
1540	1981	1x2m	S26/W12	30-40	flakedstone	debitage	basalt	1.1	0.8	0.1			1		microflake
1541	1981	1x2m	S26/W12	30-40	flakedstone	debitage	other	1.0	0.7	0.1			1		microflake
1542	1981	1x2m	S26/W12	30-40	flakedstone	utilizedflake	basalt	1.5	1.4	0.1			1		
1543	1981	1x2m	S26/W12	30-40	flakedstone	debitage	basalt	1.2	1.2	0.1			1		
1544	1981	1x2m	S26/W12	30-40	flakedstone	core	basalt	6.6	3.0	1.5			1	frag	
1545	1981	1x2m	S13/E10	20-30	bone	awl		3.0	1.0	0.5			1	frag	tip
1546	1981	1x2m	S26/W12	30-40	pottery	TizonBrown		3.0	2.1	0.5			1	frag	rim sherd
1547	1981	1x2m	S13/E14	30-40	flakedstone	utilizedflake	basalt	3.2	1.6	0.5			1		use is over patination
1548	1981	1x2m	S17/E14	30-40	flakedstone	scraper	MVporphyritic	5.8	4.6	1.4			1		
1549	1981	1x2m	S17/E14	30-40	flakedstone	utilizedflake	basalt	3.1	1.3	0.5			1		
1550	1981	1x2m	S17/E14	30-40	flakedstone	utilizedflake	basalt	1.8	1.7	0.3			1		
1551	1981	1x2m	S17/E14	30-40	flakedstone	utilizedflake	other	2.1	2.1	0.3			1		patinated
1552	1981	1x2m	S17/E14	30-40	flakedstone	utilizedflake	basalt	1.5	1.3	0.4			1		
1553	1981	1x2m	S17/E14	30-40	flakedstone	debitage	MVporphyritic	0.9	1.1	0.1			1		
1554	1981	1x2m	S17/E14	30-40	flakedstone	debitage	quartz	0.8	0.5	0.2			1		microflake
1555	1981	1x2m	S17/E14	30-40	flakedstone	debitage	quartz	0.8	0.5	0.2			1		microflake
1556	1981	1x2m	S17/E14	30-40	flakedstone	debitage	chert	0.8	0.6	0.1			1		microflake
1557	1981	1x2m	S26/W12	30-40	pottery	TizonBrown							21	frag	
1558	1981	1x2m	S18/W8	30-40	bone	NA							157	frag	33 burnt
1559	1981	1x2m	S18/W8	30-40	bone	NA		0.7	0.6	0.6			1		fish vertebra
1560	1981	1x2m	S18/W8	30-40	pottery	TizonBrown							23	frag	
1561	1981	1x2m	S13/E14	30-40	pottery	TizonBrown							13	frag	
1562	1981	1x2m	S13/E14	30-40	bone	NA							23	frag	15 burnt
1563	1981	1x2m	S13/E14	30-40	flakedstone	utilizedflake	basalt	2.0	1.0	0.2			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1564	1981	1x2m	S13/E14	30-40	pottery	TizonBrown		4.0	2.6	0.5			1	frag	altered sherd
1565	1981	1x2m	S9/E10	30-40	bone	NA							446	frag	not washed, so no burn co
1566	1981	1x2m	S17/E14	30-40	flakedstone	debitage	quartz	0.6	0.4	0.1			1		microflake
1567	1981	1x2m	S17/E14	30-40	pottery	TizonBrown		8.1	5.0	0.6			1	frag	altered sherd
1568	1981	1x2m	S17/E14	30-40	pottery	TizonBrown		2.5	2.0	0.6			1	frag	rim sherd
1569	1981	1x2m	S17/E14	30-40	bone	bead		2.0	0.5	0.5			1		
1570	1981	1x2m	S17/E14	30-40	bone	awl		2.6	0.8	0.5			1	frag	polished bone
1571	1981	1x2m	S17/E14	30-40	bone	NA		2.5	0.6	0.3			1	frag	worked with rounded stria
1572	1981	1x2m	S17/E14	30-40	bone	NA		1.6	0.5	0.2			1	frag	abraded/worked
1573	1981	1x2m	S17/E14	30-40	bone	tool		1.8	0.5	0.4			1		possible fabricator/antler t
1574	1981	1x2m	S17/E14	30-40	groundstone	metate	granitic	10.5	8.0	5.3			1	frag	In situ: E164,S65
1575	1981	1x2m	S9/E10	30-40	bone	NA		0.5	0.5	0.6			1		fish vertebra
1576	1981	1x2m	S9/E10	30-40	flakedstone	debitage	obsidian	1.0	0.6	0.1			1		
1577	1981	1x2m	S9/E10	30-40	flakedstone	utilizedflake	basalt	2.0	1.8	0.2			1		
1578	1981	1x2m	S9/E10	30-40	flakedstone	debitage	chert	0.5	0.4	0.1			1		microflake
1579	1981	1x2m	S9/E10	30-40	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
1580	1981	1x2m	S17/E14	30-40	pottery	TizonBrown							32	frag	
1581	1981	1x2m	S9/E10	30-40	flakedstone	debitage	chert	0.9	0.6	0.1			1		microflake
1582	1981	1x2m	S9/E10	30-40	flakedstone	debitage	chert	0.8	0.9	0.1			1		banded
1583	1981	1x2m	S9/E10	30-40	flakedstone	utilizedflake	chert	1.3	1.0	0.2			1		banded
1584	1981	1x2m	S9/E10	30-40	flakedstone	debitage	quartz	1.3	1.0	0.5			1		
1585	1981	1x2m	S9/E10	30-40	other	other		1.8	1.0	0.8			3	frag	cobble pebble fragments
1586	1981	1x2m	S9/E10	30-40	flakedstone	core	quartz	3.7	3.3	2.5			1	frag	
1587	1981	Surface	S26 W10	surface	pottery	TizonBrown							2	frag	
1588	1981	1x2m	S9/E10	30-40	pottery	TizonBrown							29	frag	
1589	1981	1x2m	S17/E14	30-40	shell	bead		1.3	0.9	0.4			1		limpet
1590	1981	1x2m	S17/E14	30-40	flakedstone	debitage	chert	0.9	0.9	0.2			1	frag	possible core fragment fro
1591	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	0.8	0.7	0.1			1		microflake
1592	1981	1x2m	S9/E10	30-40	pottery	NA		5.1	2.5	0.5			1	frag	desert buff
1593	1981	1x2m	S9/E10	30-40	pottery	pipe		1.1	0.7	0.2			1	frag	Tizon brown
1594	1981	1x2m	S9/E10	30-40	pottery	NA		4.2	3.9	0.5			1	frag	desert buff
1595	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	0.8	0.7	0.1			1		SE corner of pit, 37 cm de
1596	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	1.0	0.5	0.2			1		SE corner of pit, 37cm de
1597	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	0.8	0.7	0.1			1		SE corner of pit, 37 cm de
1598	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	1.0	0.6	0.2			1		NE corner of pit, 38cm de
1599	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	0.7	0.9	0.1		0.1	1		
1600	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	0.8	0.6	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1601	1981	1x2m	S17/E14	30-40	flakedstone	debitage	obsidian	2.0	1.1	0.3		0.5	1		
1602	1981	1x2m	S26/W8	40-50	bone	NA							58	frag	
1603	1981	1x2m	S26/W8	40-50	pottery	TizonBrown							10	frag	
1604	1981	1x2m	S26/W8	40-50	flakedstone	scraper	basalt	4.0	2.7	1.0			1		side-scraper
1605	1981	1x2m	S26/W8	40-50	shell	NA		2.6	1.6	0.5			1		manufacturing refuse
1606	1981	1x2m	S26/W8	40-50	pottery	pipe		1.3	0.9	0.3			1	frag	
1607	1981	1x2m	S5/E6	40-50	flakedstone	projectilept	basalt	1.4	1.0	0.3			1	frag	tip
1608	1981	1x2m	S5/E6	40-50	bone	NA							73	frag	
1609	1981	Surface	S7/E8	surface	shell	marine shell						6.8	13		
1610	1981	Surface	S5 E4	surface	shell	marine shell						1.7	7		
1611	1981	Surface	S20 W8	surface	shell	marine shell						1.6	8		
1612	1981	Surface	S8/E8	surface	shell	marine shell						2.8	12		
1613	1981	Surface	S17 W2	surface	shell	marine shell						0.7	1	frag	
1614	1981	Surface	S25 W8	surface	shell	marine shell						4.6	2		
1615	1981	Surface	S13/E14	surface	flakedstone	debitage	varied					8.4	5		
1616	1981	Surface	S26 W0	surface	flakedstone	debitage	varied					3.8	8		
1617	1981	Surface	S17 E10	surface	flakedstone	debitage	varied					76.2	39		
1618	1981	Surface	S9/E6	surface	flakedstone	debitage	varied					27.3	20		
1619	1981	Surface	S26 W4	surface	flakedstone	debitage	quartz					2.3	3		
1620	1981	1x2m	S18/W8	40-50	pottery	TizonBrown							24	frag	
1621	1981	1x2m	S18/W8	40-50	flakedstone	utilizedflake	basalt	1.5	2.2	0.4			1		
1622	1981	1x2m	S18/W8	40-50	flakedstone	debitage	other						3		rhyolite
1623	1981	Surface	S12/E10	surface	shell	marine shell						17.2	17		
1624	1981	Surface	S10/E4	surface	shell	marine shell						14.2	27		
1625	1981	Surface	S14/E4	surface	shell	marine shell						3.1	12		
1626	1981	Surface	S23 W2	surface	shell	marine shell						0.7	2		
1627	1981	Surface	S14/E12	surface	shell	marine shell						13.8	41		
1628	1981	Surface	S6/E2	surface	shell	marine shell						4.6	23		
1629	1981	Surface	S5 E0	surface	shell	marine shell						5.4	21		
1630	1981	Surface	S9/E6	surface	bone	NA							2	frag	
1631	1981	1x2m	S17/E6	30-40	shell	bead		0.5	0.5	0.1			1		olivella disk bead
1632	1981	1x2m	S17/E6	30-40	shell	bead		0.6	0.5	0.1			1		olivella
1633	1981	1x2m	S5/E6	40-50	pottery	TizonBrown							7	frag	
1634	1981	1x2m	S18/W8	40-50	bone	NA							158		
1635	1981	1x2m	S18/W8	40-50	flakedstone	debitage	quartz	0.4	0.4	0.1			1		microflake
1636	1981	1x2m	S18/W8	40-50	flakedstone	knife	quartz	1.2	0.3	0.2			1		micro blade flake
1637	1981	1x2m	S18/W8	40-50	flakedstone	debitage	basalt	0.6	0.4	0.1			1		microflake

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1638	1981	1x2m	S17/E10	40-50	bone	NA							263		fish vertebrae, large identi
1639	1981	1x2m	S17/E10	40-50	pottery	TizonBrown							29	frag	
1640	1981	1x2m	S17/E10	40-50	pottery	TizonBrown		3.7	3.4	0.5			1	frag	altered sherd
1641	1981	1x2m	S18/W0	30-40	pottery	TizonBrown							36	frag	
1642	1981	1x2m	S18/W0	30-40	pottery	ColoradoBuff		2.1	2.2	0.4			1	frag	Colorado buff
1643	1981	1x2m	S18/W0	30-40	flakedstone	scraper	MVporphyritic	4.4	4.3	1.6			1		side scraper
1644	1981	1x2m	S26/W4	10-20	pottery	NA		2.3	2.1	0.6			1	frag	Desert buff
1645	1981	1x2m	S18/W0	30-40	flakedstone	scraper	basalt	3.8	2.5	0.4			1		side scraper
1646	1981	1x2m	S18/W0	30-40	flakedstone	utilizedflake		2.6	1.4	0.3			1		
1647	1981	1x2m	S18/W0	30-40	flakedstone	knife	MVporphyritic	4.8	1.7	0.5			1		blade flake
1648	1981	1x2m	S18/W0	30-40	flakedstone	knife		4.4	2.2	0.5			1		blade flake
1649	1981	1x2m	S18/W0	30-40	flakedstone	core	quartzite						1	frag	
1650	1981	1x2m	S18/W0	30-40	flakedstone	core	MVporphyritic	4.8	4.1	1.3			1	frag	cobble
1651	1981	1x2m	S18/W0	30-40	groundstone	mano	granitic	7.4	4.5	3.6			1	frag	
1652	1981	1x2m	S18/W0	30-40	flakedstone	debitage	other	0.7	0.8	0.1			1		felsite
1653	1981	1x2m	S18/W0	30-40	flakedstone	debitage	basalt	1.0	0.6	0.2			1		microflake
1654	1981	1x2m	S18/W0	30-40	flakedstone	debitage	basalt	0.9	0.6	0.1			1		microflake
1655	1981	1x2m	S18/W0	30-40	flakedstone	debitage		0.8	0.6	0.2			1		microflake
1657	1981	1x2m	S18/W0	30-40	bone	NA							500	frag	
1658	1981	1x2m	S18/W0	30-40	pottery	TizonBrown		1.9	1.1	0.5			1	frag	rim sherd
1659	1981	1x2m	S18/W0	30-40	flakedstone	scraper	MVporphyritic	5.5	3.0	1.5			1		side scraper
1660	1981	1x2m	S17/E14	40-50	bone	NA		0.6	0.4	0.3			1		fish vertebra
1661	1981	1x2m	S17/E14	40-50	glass	bead		0.3	0.3	0.3			1		historic; blue glass
1662	1981	1x2m	S17/E14	40-50	bone	NA							485	frag	310 burnt
1663	1981	1x2m	S17/E14	40-50	bone	NA							2		snake vertebrae
1664	1981	1x2m	S17/E14	40-50	flakedstone	scraper	granitic	4.3	2.9	1.2			1		
1665	1981	1x2m	S17/E14	40-50	flakedstone	utilizedflake	basalt	2.0	1.3	0.5			1		
1666	1981	1x2m	S17/E14	40-50	flakedstone	debitage	chalcedony	1.3	1.2	0.1			1		
1667	1981	1x2m	S17/E14	40-50	flakedstone	debitage	other	1.2	0.8	0.1			1	frag	olivine
1668	1981	1x2m	S18/W0	30-40	other	other							24		clay-ash deposit
1669	1981	1x2m	S17/E14	40-50	flakedstone	debitage	chalcedony	1.7	1.3	0.3			1		
1670	1981	1x2m	S17/E14	40-50	flakedstone	debitage	basalt	3.2	2.7	0.5			1		Teshoe flake
1671	1981	1x2m	S22/W8	40-50	pottery	TizonBrown							31	frag	
1672	1981	1x2m	S22/W8	40-50	pottery	TizonBrown		1.4	1.4	0.5			1	frag	rim sherd
1673	1981	1x2m	S22/W8	40-50	flakedstone	core	quartz	2.3	1.8	1.0			1	frag	
1674	1981	1x2m	S22/W8	40-50	flakedstone	utilizedflake	other	2.3	1.3	0.8			1		felsite
1675	1981	1x2m	S22/W8	40-50	flakedstone	projectilept	quartz	0.7	0.7	0.3		0.2	1	frag	tip

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1676	1981	1x2m	S22/W8	40-50	flakedstone	debitage	other	0.8	0.6	0.1			1		felsite
1677	1981	1x2m	S17/E14	40-50	other	other	basalt	3.5	2.0	2.0			1	frag	cobble
1678	1981	1x2m	S17/E14	40-50	flakedstone	debitage	chalcedony	0.8	0.7	0.1			1		microflake
1679	1981	1x2m	S17/E14	40-50	flakedstone	debitage	chert	0.8	0.5	0.1			1		microflake
1680	1981	1x2m	S22/W8	40-50	flakedstone	debitage	MVporphyritic	0.5	0.8	0.1			1		microflake
1681	1981	1x2m	S22/W8	40-50	flakedstone	debitage	chalcedony	0.5	0.4	0.1			1		microflake
1682	1981	1x2m	S22/W8	40-50	flakedstone	debitage		0.6	0.5	0.1			1		microflake
1683	1981	1x2m	S22/W8	40-50	flakedstone	debitage	other	0.7	0.5	0.1			1		felsite
1684	1981	1x2m	S17/E14	40-50	flakedstone	scraper	basalt	7.0	2.8	2.3			1		D 50cm
1685	1981	1x2m	S22/W8	40-50	flakedstone	debitage	basalt						1		microflake
1686	1981	1x2m	S22/W8	40-50	flakedstone	debitage	quartz	0.5	0.3	1.0			1		microflake
1687	1981	1x2m	S22/W8	40-50	flakedstone	debitage	basalt	0.4	0.3	0.1			1		microflake
1688	1981	1x2m	S22/W8	40-50	flakedstone	debitage	other	0.7	0.5	0.2			1		rhyolite
1689	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	0.7	0.7	0.1			1		E 170cm, S 275cm, D49c
1690	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	1.2	1.0	0.1			1		
1691	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	0.7	0.6	0.1			1		NW corner of pit;
1692	1981	1x2m	S22/W8	40-50	bone	NA							748	frag	6 snake vertebrae
1693	1981	Surface	S13/E14	surface	flakedstone	scraper	MVporphyritic	3.4	2.8	1.1			1		
1694	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	1.3	1.2	0.3			1		E 134cm, S 72cm, D 48c
1695	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		SW corner of pit
1696	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	0.7	0.5	0.2			1		
1697	1981	1x2m	S26/W8	40-50	flakedstone	utilizedflake	other	3.0	2.2	0.4			1		felsite
1698	1981	1x2m	S5/E6	20-30	bone	NA		1.2	0.9	0.4			1		human tooth-bicuspid
1699	1981	1x2m	S18/W0	50-60	pottery	TizonBrown		2.8	1.2	0.6			1	frag	rim sherd
1700	1981	1x2m	S18/W0	50-60	shell	bead		0.4	0.6				1		olivella
1701	1981	1x2m	S22/W8	40-50	flakedstone	utilizedflake	other	1.5	2.1	0.4			1		felsite
1702	1981	1x2m	S26/W8	40-50	flakedstone	core	MVporphyritic	6.0	5.0	2.0			1	frag	would have made a good
1703	1981	1x2m	S17/E10	40-50	bone	NA		3.0	1.4	0.7			1	frag	associated with clay/ash d
1704	1981	1x2m	S26/W8	40-50	flakedstone	projectilept	quartz	2.3	2.2	0.8			1	frag	
1705	1981	1x2m	S9/E10	40-50	flakedstone	utilizedflake		6.2	2.8	0.4			1		abraded stone-shaped
1706	1981	1x2m	S18/W0	40-50	pottery	TizonBrown							23	frag	
1707	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		
1708	1981	1x2m	S17/E14	40-50	flakedstone	debitage	obsidian	1.1	0.8	0.1			1		NW corner of unit 48cm
1709	1981	1x2m	S17/E14	40-50	charcoal	NA						59.0	9999		1/8 screen
1710	1981	1x2m	S17/E14	40-50	pottery	TizonBrown							21	frag	
1711	1981	1x2m	S18/W0	40-50	pottery	ColoradoBuff		1.3	1.2	0.5			1	frag	Colorado buff
1712	1981	1x2m	S18/W0	40-50	groundstone	mano	basalt	4.0	3.0	2.5			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1714	1981	1x2m	S18/W0	40-50	flakedstone	core	quartzite	7.7	5.5	4.7			1	com	
1715	1981	1x2m	S18/W0	40-50	flakedstone	utilizedflake	basalt	2.1	1.3	0.4			1		In situ: 10W, 16N, -48cm
1716	1981	1x2m	S18/W0	40-50	flakedstone	scraper	basalt	3.8	2.2	1.2			1		side scraper
1717	1981	1x2m	S18/W0	40-50	flakedstone	chopper	basalt	10.2	7.7	4.2			1		patinated olive green cort
1718	1981	1x2m	S18/W0	40-50	flakedstone	debitage	chalcedony	1.7	1.1	0.3			1		
1719	1981	1x2m	S18/W0	40-50	flakedstone	debitage	obsidian	0.7	0.4	0.4			1		
1720	1981	1x2m	S18/W0	40-50	flakedstone	debitage	basalt	0.7	0.4	0.2			1		microflake
1721	1981	1x2m	S18/W0	40-50	flakedstone	debitage	basalt	0.6	0.6	0.2			1		microflake
1722	1981	1x2m	S18/W0	40-50	other	other		2.5	2.0	2.3			1		ochre nodule
1723	1981	1x2m	S18/W0	40-50	bone	NA							434	frag	
1724	1981	Surface	S21 W10	surface	flakedstone	debitage	varied					38.8	4		
1725	1981	Surface	S22 W4	surface	flakedstone	debitage	varied					28.6	8		
1726	1981	Surface	S18 W8	surface	flakedstone	debitage	varied					46.0	17		
1727	1981	Surface	S22 W8	surface	flakedstone	debitage	varied					7.1	4		
1728	1981	Surface	S22 W10	surface	flakedstone	debitage	quartz					5.4	5		
1729	1981	Surface	S15 E8	surface	flakedstone	debitage	varied					28.7	12		
1730	1981	1x2m	S18/W0	40-50	bone	tool		6.4	1.8	0.4			1	frag	abraded bone
1731	1981	1x2m	S22/W4	70-80	flakedstone	utilizedflake	other	2.5	2.0	0.4			1		patinated
1732	1981	1x2m	S22/W4	70-80	pottery	TizonBrown							17	frag	
1733	1981	1x2m	S22/W4	70-80	bone	NA							101	frag	2 excellent rattlesnake ver
1734	1981	1x2m	S26/W12	40-50	flakedstone	utilizedflake	MVporphyritic	2.5	1.4	0.2			1		
1735	1981	1x2m	S26/W12	40-50	flakedstone	debitage	other						3		rhyolite
1736	1981	1x2m	S26/W12	40-50	pottery	TizonBrown							9	frag	
1737	1981	1x2m	S26/W12	40-50	shell	NA		3.8	3.6	1.2			1	frag	modified shell-drilled or c
1738	1981	1x2m	S26/W12	40-50	bone	NA		0.9	0.7	0.4			1	fragment/b	possible human tooth root
1739	1981	1x2m	S26/W12	40-50	bone	NA							124	frag	one burned snake vertebra
1742	1981	1x2m	S13/E14	30-40	flakedstone	core	MVporphyritic	6.2	4.2	2.5			1	frag	
1743	1981	1x2m	S13/E14	30-40	flakedstone	core	MVporphyritic	4.2	2.8	2.3			1	frag	
1744	1981	1x2m	S17/E10	30-40	pottery	TizonBrown							27	frag	
1745	1981	1x2m	S17/E10	30-40	pottery	TizonBrown		2.2	1.8	0.5			1	frag	rim sherd
1746	1981	1x2m	S17/E10	30-40	pottery	NA		3.5	2.2	0.3			1	frag	buff
1747	1981	1x2m	S17/E10	30-40	other	other							9999		clay sample "A"
1748	1981	1x2m	S17/E10	30-40	bone	NA							119	frag	snake vertebra
1749	1981	1x2m	S17/E10	30-40	flakedstone	debitage	quartz	1.6	1.5	0.5			1		
1750	1981	1x2m	S17/E10	30-40	flakedstone	debitage	basalt	0.7	0.6	0.1			1		microflake
1751	1981	1x2m	S17/E10	30-40	flakedstone	utilizedflake	other	3.0	1.8	0.4			1		felsite
1752	1981	1x2m	S17/E10	30-40	flakedstone	utilizedflake	quartz	2.2	1.5	0.3			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1753	1981	1x2m	S17/E10	30-40	flakedstone	tool	chert	3.0	1.3	0.8			1		burin
1754	1981	1x2m	S22/W4	50-60	bone	NA							204	frag	large vertebra, large scapu
1755	1981	1x2m	S22/W4	50-60	pottery	TizonBrown							19	frag	
1756	1981	1x2m	S22/W4	50-60	pottery	NA		5.9	4.5	0.4			1	frag	buff
1757	1981	1x2m	S22/W4	50-60	pottery	NA		2.1	1.5	0.4			1	frag	buff
1758	1981	1x2m	S22/W4	50-60	flakedstone	debitage	quartzite	2.1	1.2	0.3			1		
1759	1981	1x2m	S22/W4	50-60	flakedstone	debitage	basalt	0.8	0.6	0.1			1		microflake
1760	1981	1x2m	S22/W4	40-50	pottery	TizonBrown							23	frag	
1761	1981	1x2m	S22/W4	40-50	pottery	ColoradoBuff		4.3	2.0	0.4			1	frag	Colorado buff
1762	1981	1x2m	S22/W4	40-50	pottery	ColoradoBuff		3.6	2.3	0.5			1	fragment/b	Colorado buff
1763	1981	1x2m	S22/W4	40-50	flakedstone	utilizedflake	basalt	1.5	0.9	0.3			1		
1764	1981	1x2m	S22/W4	40-50	flakedstone	scraper	MVporphyritic	3.2	2.1	0.8			1		end scraper
1765	1981	1x2m	S22/W4	40-50	flakedstone	utilizedflake	other	2.0	1.0	0.2			1		felsite
1766	1981	1x2m	S22/W4	40-50	flakedstone	utilizedflake	chalcedony	1.8	1.2	0.2			1		
1767	1981	1x2m	S22/W4	40-50	flakedstone	scraper	MVporphyritic	10.0	7.0	2.5			1		end scraper
1768	1981	1x2m	S22/W4	40-50	bone	NA							400	frag	bird limb, snake vertebra,
1769	1981	1x2m	S22/W4	40-50	flakedstone	debitage	basalt	0.7	0.7	0.2			1		microflake
1770	1981	1x2m	S22/W4	40-50	shell	NA		2.5	1.5	0.6			1		altered shell
1771	1981	1x2m	S18/W0	50-60	bone	NA		10.5	1.8	0.5			1	frag	cut bone
1772	1981	1x2m	S17/E10	30-40	pottery	TizonBrown		1.7	1.4	0.6			1	frag	altered sherd
1773	1981	1x2m	S18/W0	50-60	flakedstone	projectilept	jasper	2.3	1.7	0.4		1.4	1		
1774	1981	1x2m	S22/W4	50-60	shell	NA		3.6	1.6	0.6			1		altered shell
1775	1981	1x2m	S18/W0	50-60	shell	bead		0.7	0.5	0.5			1		olivella
1776	1981	Surface	S9/E4	surface	shell	marine shell						7.8	36		
1777	1981	1x2m	S18/W0	50-60	shell	bead		0.9	0.6	0.5			1	com	olivella
1778	1981	1x2m	S26/W12	40-50	shell	bead		0.7	0.6				1		olivella
1779	1981	1x2m	S26/W12	40-50	shell	bead		1.6	0.9	0.8			1	com	olivella
1780	1981	1x2m	S18/W0	50-60	shell	bead		2.0	1.1	0.7			1	com	olivella
1781	1981	1x2m	S22/W0	20-30	pottery	TizonBrown							1	frag	put into example box
1782	1981	Surface	S15 W2	surface	flakedstone	debitage	quartz					0.1	1		
1783	1981	Surface	S14/W4	surface	flakedstone	debitage	varied					1.8	6		
1784	1981	Surface	S5 E10	surface	flakedstone	debitage	quartz					0.2	1		
1785	1981	Surface	S6/E4	surface	flakedstone	debitage	varied					2.1	2		
1786	1981	Surface	S16 E4	surface	flakedstone	debitage	varied					3.1	6		
1787	1981	Surface	S15 E14	surface	flakedstone	debitage	varied					45.5	20		
1788	1981	Surface	S25 W12	surface	flakedstone	debitage	varied					1.5	10		
1789	1981	Surface	S6/E10	surface	flakedstone	debitage	varied					18.0	10		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1790	1981	Surface	S16 W0	surface	flakedstone	debitage	varied					1.1	4		
1791	1981	1x2m	S17/E14	50-60	flakedstone	projectilept	quartz	1.7	1.1	0.3		0.7	1		E 47cm, S 82cm, D -58c
1792	1981	Surface	S26 W8	surface	flakedstone	debitage	quartz					0.4	1		
1793	1981	Surface	S9/E0	surface	flakedstone	debitage	quartz					0.0	1		
1794	1981	Surface	S9/E6	surface	flakedstone	debitage	quartz					3.7	9		
1795	1981	Surface	S23 W0	Surface	flakedstone	debitage	varied					54.3	4		
1796	1981	Surface	S17 E14	surface	flakedstone	debitage	varied					19.4	23		
1797	1981	Surface	S11/E2	surface	shell	marine shell						1.4	6		
1798	1981	Surface	S16 W6	surface	shell	marine shell						6.4	12		
1799	1981	Surface	S10/E2	surface	shell	marine shell						6.3	6		
1800	1981	Surface	S24 W4	surface	shell	marine shell						0.7	4		
1801	1981	Surface	S14/E12	surface	shell	marine shell						15.4	30		
1802	1981	Surface	S11/E8	surface	shell	marine shell						35.7	49		
1803	1981	Surface	S14/E16	surface	bone	NA							16	frag	large mammal bone
1804	1981	Surface	S14/E16	surface	pottery	TizonBrown							8	frag	
1805	1981	Surface	S11/E8	surface	pottery	TizonBrown							17	frag	
1806	1981	Surface	S11/E8	surface	bone	NA							6	frag	
1807	1981	Surface	S11/E8	surface	bone	NA		1.8	1.0	0.3			1		modified bone flat/striate
1808	1981	Surface	S11/E8	surface	flakedstone	utilizedflake	other	3.3	1.8	0.3			1		felsite
1809	1981	Surface	S11/E8	surface	flakedstone	utilizedflake	basalt	2.4	1.8	0.3			1		
1810	1981	Surface	S11/E8	surface	flakedstone	utilizedflake	quartz	1.4	1.4	0.3			1		
1811	1981	Surface	S19 W12	surface	pottery	TizonBrown							1	frag	
1812	1981	Surface	S19 W12	surface	bone	NA							6	frag	
1813	1981	Surface	S19 W12	surface	bone	NA		1.2	1.2	0.1			1		snake vertebra
1814	1981	Surface	S9/E8	surface	bone	NA							8	frag	4 burnt
1815	1981	Surface	S21 W12	surface	pottery	TizonBrown							3	frag	
1816	1981	Surface	S7/E2	surface	pottery	TizonBrown							3	frag	
1817	1981	Surface	S20 W12	surface	pottery	TizonBrown							1	frag	
1818	1981	Surface	S20 W12	surface	pottery	TizonBrown							1	frag	
1819	1981	Surface	S17 W4	surface	pottery	TizonBrown							1	frag	
1820	1981	Surface	S17 W4	surface	pottery	TizonBrown							1	frag	
1821	1981	Surface	S17 W4	surface	bone	NA							1	frag	
1822	1981	Surface	S17 W4	surface	flakedstone	debitage	basalt	1.1	0.9	0.1			1		microflake
1823	1981	Surface	S12/E12	surface	pottery	TizonBrown							1	frag	
1824	1981	Surface	S12/E12	surface	bone	NA							2	fragment/b	
1825	1981	Surface	S21 W2	surface	bone	NA							12	frag	5 burnt
1826	1981	Surface	S21 W2	surface	pottery	TizonBrown							2	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1827	1981	Surface	S9/E8	surface	pottery	TizonBrown							12	frag	
1828	1981	Surface	S7/E2	surface	flakedstone	utilizedflake	basalt	2.7	2.0	0.5			1		
1829	1981	Surface	S14/E12	surface	pottery	TizonBrown							8	frag	
1830	1981	Surface	S7/E2	surface	bone	NA							3	frag	
1831	1981	Surface	S16 E14	surface	pottery	TizonBrown							5	frag	intensive surface
1832	1981	Surface	S14/E12	surface	bone	NA							14	frag	
1833	1981	Surface	S16 E14	surface	pottery	ColoradoBuff							1	frag	Colorado buff
1834	1981	Surface	S14/E10	surface	pottery	TizonBrown							6	frag	
1835	1981	Surface	S14/E12	surface	flakedstone	debitage	basalt	0.6	0.4	0.1			1		microflake
1836	1981	Surface	S14/E6	surface	pottery	TizonBrown							3	frag	
1837	1981	Surface	S16 E14	surface	bone	NA							28		
1838	1981	Surface	S16 E14	surface	bone	NA		3.7	2.3	1.5			1		polished and abraded bon
1839	1981	Surface	S10/E2	surface	groundstone	mano	granitic	5.5	4.0	3.5			1	frag	
1840	1981	Surface	S10/E2	surface	flakedstone	core	MVporphyritic	5.2	3.9	2.2			1	frag	cobble
1841	1981	Surface	S10/E2	surface	bone	NA							2	fragment/b	
1842	1981	Surface	S17 E16	surface	pottery	TizonBrown							4	frag	
1843	1981	Surface	S15 E12	surface	pottery	TizonBrown							12	frag	
1844	1981	Surface	S15 E12	surface	flakedstone	knife	MVporphyritic	2.2	1.2	0.2			1	frag	blade flake
1845	1981	Surface	S15 E12	surface	bone	NA							32	frag	27 BURNT
1846	1981	Surface	S19 W6	surface	pottery	TizonBrown							1	frag	
1847	1981	Surface	S20 W6	surface	pottery	TizonBrown							1	frag	
1848	1981	Surface	S19 W6	surface	bone	NA							5	frag	2 burnt
1849	1981	Surface	S21 W6	surface	bone	NA							5	frag	
1850	1981	Surface	S21 W6	surface	pottery	TizonBrown							1	frag	
1851	1981	Surface	S20 W6	surface	bone	NA							1	frag	condition lists 5 as burnt
1852	1981	Surface	S16 W8	surface	flakedstone	debitage	basalt	2.6	2.5	0.1			1		
1853	1981	Surface	S21 W4	surface	bone	NA							7	frag	
1854	1981	Surface	S21 W4	surface	flakedstone	knife	chalcedony	1.3	1.3	0.2			1	frag	blade flake
1855	1981	Surface	S21 W4	surface	pottery	TizonBrown							6	frag	
1856	1981	Surface	S21 W4	surface	pottery	TizonBrown		3.4	2.9	0.5			1	frag	altered
1857	1981	Surface	S13/E16	surface	bone	NA							10	frag	large: cow? Steer?
1858	1981	Surface	S13/E16	surface	pottery	TizonBrown							5		
1859	1981	Surface	S11/E0	surface	bone	NA							1	frag	
1860	1981	Surface	S11/E0	surface	pottery	TizonBrown							2	frag	
1861	1981	Surface	S16 W0	surface	pottery	TizonBrown							3	frag	
1862	1981	Surface	S15 E16	surface	pottery	TizonBrown							6		
1863	1981	Surface	S6/E10	surface	pottery	TizonBrown							2	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1864	1981	Surface	S14/E6	surface	bone	NA							23	frag	
1865	1981	Surface	S14/E6	Surface	flakedstone	debitage	chalcedony	0.8	0.7	0.1			1		microflake
1866	1981	Surface	S14/E10	surface	bone	NA							29	frag	
1867	1981	Surface	S10/E0	surface	bone	NA							2	frag	
1868	1981	Surface	S15 W8	surface	pottery	TizonBrown							8	frag	
1869	1981	Surface	S13/E12	surface	pottery	TizonBrown							7	frag	
1870	1981	Surface	S13/E12	surface	bone	NA							12	frag	
1871	1981	Surface	S11/E6	surface	pottery	TizonBrown							1	frag	
1872	1981	Surface	S11/E6	surface	pottery	TizonBrown		1.4	1.3	0.4			1	frag	
1873	1981	Surface	S11/E6	surface	bone	NA							3	frag	
1874	1981	Surface	S14/W0	surface	pottery	TizonBrown							1	frag	
1875	1981	Surface	S14/W0	surface	bone	NA							4	frag	
1876	1981	Surface	S15 E10	surface	pottery	TizonBrown							13	frag	
1877	1981	Surface	S15 E10	surface	pottery	ColoradoBuff		2.2	1.7	0.3			1	frag	Colorado buff
1878	1981	Surface	S15 E10	surface	bone	NA							20	frag	
1879	1981	Surface	S25 W12	surface	pottery	TizonBrown							2	frag	
1880	1981	Surface	S25 W12	surface	bone	NA							5	frag	
1881	1981	1x2m	S18/W8	20-30	pottery	TizonBrown		2.8	2.4	0.5			1	frag	altered sherd
1882	1981	Surface	S16 E0	surface	pottery	TizonBrown							1	frag	
1883	1981	Surface	S17 E0	surface	pottery	TizonBrown							1	frag	
1884	1981	Surface	S17 E0	surface	bone	NA							4	frag	
1885	1981	Surface	S16 E16	surface	pottery	TizonBrown							1	frag	
1886	1981	Surface	S12/E6	surface	pottery	TizonBrown							12	frag	
1887	1981	Surface	S12/E6	surface	bone	NA							34	frag	11 BURNT
1888	1981	Surface	S12/E16	surface	flakedstone	debitage	jasper						1		microflake
1889	1981	Surface	S18 W6	surface	bone	NA							5	frag	
1890	1981	Surface	S18 W2	surface	bone	NA							2	frag	
1891	1981	Surface	S22 W2	surface	bone	NA							4	frag	
1892	1981	Surface	S25 W6	surface	pottery	TizonBrown							4	frag	
1893	1981	1x2m	S22/W2	surface	pottery	TizonBrown							4	frag	
1894	1981	Surface	S16 W4	surface	bone	NA							2	frag	
1895	1981	Surface	S26 W2	surface	bone	NA							19	frag	
1896	1981	Surface	S26 W2	surface	pottery	TizonBrown							4	frag	
1897	1981	Surface	S16 W4	surface	pottery	TizonBrown							3	frag	
1898	1981	Surface	S24 W8	surface	pottery	TizonBrown							1	frag	
1899	1981	Surface	S22 W6	surface	bone	NA							1	frag	
1900	1981	Surface	S22 W6	Surface	pottery	TizonBrown							2		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1901	1981	Surface	S14/E0	surface	bone	NA							1	frag	
1902	1981	Surface	S13/E2	surface	bone	NA							5	frag	
1903	1981	Surface	S13/E2	Surface	flakedstone	core	basalt	6.2	5.0	3.0			1	frag	been in fire
1904	1981	Surface	S11/E12	surface	pottery	TizonBrown							6	frag	one in show and tell
1905	1981	Surface	S6/E4	Surface	bone	NA							5	frag	
1906	1981	Surface	S6/E4	surface	pottery	TizonBrown							6	frag	
1907	1981	Surface	S11/E12	Surface	pottery	TizonBrown		1.8	1.7	0.5			1	frag	rim sherd
1908	1981	Surface	S11/E12	surface	bone	NA							1	frag	
1909	1981	Surface	S10/E4	Surface	pottery	TizonBrown							7	frag	
1910	1981	Surface	S13/E8	surface	pottery	TizonBrown							2	frag	
1911	1981	Surface	S13/E8	surface	bone	NA							19	frag	
1912	1981	Surface	S10/E4	surface	pottery	NA							2	frag	desert buff
1913	1981	Surface	S10/E4	surface	flakedstone	core	MVporphyritic						1	frag	
1914	1981	Surface	S7/E8	surface	pottery	TizonBrown							9	frag	
1915	1981	Surface	S14/W2	surface	bone	NA							7	frag	
1916	1981	Surface	S14/W2	surface	pottery	TizonBrown							2	frag	
1917	1981	Surface	S7/E4	surface	bone	NA							7	frag	
1918	1981	Surface	S7/E4	surface	pottery	TizonBrown		2.5	1.6	0.5			1	frag	rim sherd
1919	1981	Surface	S10/E4	surface	bone	NA							5	frag	
1920	1981	Surface	S7/E6	surface	bone	NA							5	frag	
1921	1981	Surface	S12/E2	surface	groundstone	mano		4.6	2.8	1.7			1	frag	
1922	1981	Surface	S15 W0	surface	shell	marine shell						0.7	4		
1923	1981	Surface	S17 W0	surface	shell	marine shell						0.9	4		
1924	1981	Surface	S7/E6	surface	pottery	TizonBrown							4	frag	
1925	1981	Surface	S12/E2	surface	bone	NA							5	frag	
1926	1981	Surface	S12/E2	surface	pottery	TizonBrown							4	frag	
1927	1981	Surface	S12/E2	surface	flakedstone	core	basalt	8.2	7.0	2.7			1	frag	
1928	1981	Surface	S8/E4	surface	pottery	NA							1	frag	
1929	1981	Surface	S20 W10	surface	bone	NA							3	frag	
1930	1981	Surface	S15 W2	surface	pottery	TizonBrown							3	frag	
1931	1981	Surface	S20 W10	surface	pottery	TizonBrown							1	frag	
1932	1981	Surface	S15 W2	surface	bone	NA							1	frag	
1933	1981	Surface	S15 W2	Surface	other	other	basalt	1.2	0.7	0.5			1		polished pebble
1934	1981	Surface	S20 W4	surface	pottery	TizonBrown							2	frag	
1935	1981	Surface	S20 W2	surface	bone	NA							2	frag	
1936	1981	Surface	S8/E12	surface	shell	NA						0.1	3	frag	
1937	1981	Surface	S12/E14	surface	shell	marine shell						2.7	4	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1938	1981	Surface	S24 W4	surface	bone	NA							1	frag	
1939	1981	Surface	S6/E10	surface	pottery	TizonBrown							9999	frag	QUANTITY UNKNOW
1940	1981	Surface	S6/E10	surface	bone	NA							3	frag	
1941	1981	Surface	S16 E10	surface	bone	NA							27	frag	
1942	1981	Surface	S18 W10	surface	pottery	TizonBrown							1	frag	
1943	1981	Surface	S16 E10	Surface	pottery	TizonBrown							7	frag	
1944	1981	Surface	S18 W2	surface	shell	marine shell						5.3	5	frag	
1945	1981	Surface	S21 W10	surface	bone	NA							8	frag	ONE "SPECIAL" PIECE
1946	1981	Surface	S16 E10	surface	pottery	TizonBrown		1.7	1.2	0.5			1	frag	shaped or rim sherd
1947	1981	Surface	S21 W10	surface	flakedstone	core	basalt	5.5	4.0	2.0			1	frag	
1948	1981	Surface	S15 W6	surface	bone	NA							2	frag	
1949	1981	Surface	S15 W6	surface	pottery	TizonBrown		1.8	1.4	0.6			1	frag	rim sherd
1950	1981	Surface	S15 W6	surface	pottery	TizonBrown		1.3	0.9	0.4			1	frag	
1951	1981	Surface	S11/E10	surface	pottery	TizonBrown							9	frag	
1952	1981	Surface	S23 W10	surface	bone	NA							3	frag	
1953	1981	Surface	S23 W10	surface	pottery	TizonBrown		1.5	0.5	0.4			1	frag	altered sherd fragment
1954	1981	Surface	S16 E8	surface	bone	NA							2	frag	1 possible special
1955	1981	Surface	S16 E8	surface	pottery	TizonBrown							1	frag	
1956	1981	Surface	S5 E10	surface	pottery	TizonBrown							2	frag	
1957	1981	Surface	S16 E6	Surface	bone	NA							1	fragment/b	
1958	1981	Surface	S16 E6	surface	pottery	TizonBrown							2	frag	
1959	1981	Surface	S13/E0	surface	pottery	TizonBrown							2	frag	
1960	1981	Surface	S17 E12	surface	bone	NA							16	frag	14 burnt
1961	1981	Surface	S17 E12	surface	pottery	TizonBrown							9	frag	
1962	1981	Surface	S19 W4	surface	bone	NA							12	frag	4 burnt
1963	1981	Surface	S19 W4	surface	pottery	TizonBrown							4	frag	
1964	1981	Surface	S9/E0	surface	bone	NA							20	frag	12 burnt
1965	1981	Surface	S9/E0	surface	pottery	TizonBrown							5	frag	
1966	1981	Surface	S24 W2	surface	bone	NA							5	frag	
1967	1981	Surface	S24 W2	surface	pottery	TizonBrown							3	frag	
1968	1981	Surface	S16 E4	surface	pottery	NA							1	frag	rim sherd
1969	1981	Surface	S14/W0	surface	bone	NA							1	frag	
1970	1981	Surface	S14/W0	surface	pottery	TizonBrown							1	frag	
1971	1981	Surface	S23 W0	surface	pottery	TizonBrown							5	frag	
1972	1981	Surface	S23 W0	surface	bone	NA							3	frag	
1973	1981	Surface	S12/E10	surface	bone	NA							5	frag	
1974	1981	Surface	S12/E10	surface	pottery	TizonBrown							3	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
1975	1981	Surface	S12/E10	surface	pottery	pipe		1.7	0.8	0.5			1	frag	desert buff
1976	1981	1x2m	S26/W8	50-60	charcoal	NA						59.2	9999		
1977	1981	Surface	S15 W4	surface	pottery	TizonBrown							1	frag	
1978	1981	Surface	S15 W4	surface	bone	NA							2	frag	
1979	1981	Surface	S15 W4	surface	pottery	NA							1		BURNT CLAY GLOB
1980	1981	Surface	S15 E14	surface	bone	NA							18	frag	17 burnt
1981	1981	Surface	S15 E14	surface	pottery	TizonBrown							3	frag	
1982	1982	1x2m	S26/W8	50-60	pottery	TizonBrown							7	frag	
1983	1982	1x2m	S26/W8	50-60	flakedstone	projectilept	basalt	1.9	1.0	0.2		0.4	1		
1984	1982	1x2m	S26/W8	50-60	flakedstone	projectilept	chalcedony	2.8	1.4	0.2		0.8	1		
1985	1982	1x2m	S26/W8	50-60	flakedstone	scraper	basalt	5.6	2.7	0.5			1		blade shaped scraper
1986	1982	1x2m	S26/W8	50-60	other	other	basalt	5.4	2.4	2.2			1	frag	cobble
1987	1981	Surface	S17 W6	surface	pottery	TizonBrown							3	frag	
1988	1981	Surface	S17 W6	surface	bone	NA							1	frag	
1989	1981	Surface	S17 W6	surface	flakedstone	debitage	obsidian	0.9	0.7	0.1			1		microflake
1990	1981	Surface	S8/E8	surface	pottery	TizonBrown							3	frag	
1991	1981	Surface	S8/E8	surface	bone	NA							3	frag	
1992	1981	Surface	S10/E12	surface	pottery	TizonBrown							5	frag	
1993	1981	Surface	S10/E12	surface	bone	NA							7	frag	
1994	1982	1x2m	S26/W8	50-60	flakedstone	utilizedflake	basalt	2.2	1.3	1.0			1		
1995	1982	1x2m	S26/W0	50-60	pottery	TizonBrown		2.3	1.1	0.5			1	frag	rim sherd
1996	1982	1x2m	S26/W8	50-60	pottery	pipe		1.4	1.1	0.4			1	frag	burnished exterior
1997		1x2m	S13/E10	20-30	shell	marine shell		1.7	1.0	0.4			1	frag	
1998	1982	1x2m	S17/E6	30-40	shell	NA		4.0	2.3	1.0			1	frag	cut shell
1999	1982	1x2m	S26/W8	50-60	flakedstone	debitage	basalt	3.9	3.4	1.1			1		
2000	1982	1x2m	S26/W8	50-60	flakedstone	utilizedflake	basalt	2.4	2.0	0.3			1		
2001	1982	1x2m	S26/W8	50-60	flakedstone	scraper	other	4.1	3.1	0.4			1		rhyolite
2002	1982	1x2m	S26/W8	50-60	bone	NA							27	fragment/b	
2003	1982	1x2m	S26/W8	50-60	bone	awl		3.5	1.1	0.3			1		EXAMPLE ONLY OF S
2004	1982	1x2m	S17/E6	30-40	shell	bead		1.7	1.3	0.2			1		abalone
2005	1982	1x2m	S9/E10	40-50	shell	bead		0.5	0.5	0.1			1		olivella
2006	1982	1x2m	S9/E10	40-50	glass	bead		0.3	0.3	0.1			1	frag	rest of bead 2007
2007	1982	1x2m	S9/E10	40-50	glass	bead		0.4	0.3	0.1			1	frag	bead fragment to this one
2008	1982	1x2m	S9/E10	40-50	glass	bead		0.4	0.3	0.2			1		hole is fused closed
2009	1982	1x2m	S9/E10	40-50	glass	bead		0.7	0.4	0.4			2		fused together from fire
2010	1982	1x2m	S9/E10	40-50	glass	bead		0.3	0.3	0.1			1		found at 49 cm
2011	1982	1x2m	S9/E10	40-50	glass	bead		0.4	0.4	0.1			1		large hole for stringing

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2012	1982	1x2m	S9/E10	40-50	flakedstone	projectilept	quartz	1.2	1.2	0.3			1		
2013	1982	1x2m	S17/E6	30-40	pottery	TizonBrown		7.2	4.5	0.9			1	frag	rim sherd
2014	1981	Surface	S12/E0	surface	bone	NA							1	frag	
2015	1981	Surface	S26 W10	surface	bone	NA							2	frag	
2016	1981	Surface	S14/E4	surface	bone	NA							3	frag	2 BURNT
2017	1981	Surface	S14/E4	surface	glass	NA		0.8	0.5	0.1			1	frag	
2018	1981	Surface	S15 W0	Surface	bone	NA							3	frag	
2019	1981	Surface	S8/E10	Surface	pottery	TizonBrown							5	frag	
2020	1981	Surface	S8/E10	Surface	bone	NA							4	frag	
2021	1981	Surface	S8/E0	Surface	pottery	TizonBrown							1	frag	
2022	1981	Surface	S8/E0	Surface	bone	NA							2	frag	
2023	1982	Surface	S15 E4	Surface	bone	NA							15	frag	10 burnt
2024	1982	Surface	S15 E4	surface	pottery	TizonBrown							6	frag	
2025	1981	Surface	S16 E12	Surface	pottery	TizonBrown							2	frag	
2026	1981	Surface	S23 W4	Surface	bone	NA							6	frag	
2027	1981	Surface	S14/E14	Surface	bone	NA							8	frag	6 BURNT
2028	1981	Surface	S14/E14	surface	pottery	TizonBrown							9	frag	
2029	1981	Surface	S14/E14	Surface	pottery	NA							1	frag	desert buff
2030	1981	Surface	S14/E14	Surface	flakedstone	scraper	quartz	2.7	2.1	1.6			1		DOMED
2031	1981	Surface	S14/E14	surface	flakedstone	scraper	basalt	4.1	2.0	0.6			1		
2032	1981	Surface	S14/E14	Surface	flakedstone	utilizedflake	other	2.6	1.8	0.3			1		felsite
2033	1981	Surface	S14/E14	Surface	flakedstone	utilizedflake	basalt	2.3	1.6	0.2			1		
2034	1981	Surface	S14/E14	Surface	flakedstone	scraper	MVporphyritic	3.3	3.2	0.8			1		
2035	1981	Surface	S14/E14	Surface	bone	NA							1	frag	
2036	1981	Surface	S17 W8	Surface	pottery	TizonBrown							1	frag	
2037	1981	Surface	S16 W6	Surface	pottery	TizonBrown							1	frag	
2038	1981	Surface	S16 E4	Surface	flakedstone	scraper	quartz	2.5	1.8	0.5			1		
2039	1981	Surface	S16 E4	Surface	bone	NA							10	frag	5 burnt
2040	1981	Surface	S16 E4	Surface	pottery	TizonBrown							1		
2041	1981	Surface	S5 E0	Surface	pottery	TizonBrown							1	frag	
2042	1981	Surface	S5 E0	Surface	bone	NA							1	frag	
2043	1981	Surface	S20 W8	Surface	bone	NA							1	frag	
2044	1981	Surface	S20 W8	Surface	pottery	TizonBrown							3	frag	
2045	1981	Surface	S21 W8	Surface	pottery	TizonBrown							2	frag	
2046	1981	Surface	S21 W8	Surface	bone	NA							2	frag	
2047	1981	Surface	S19 W8	Surface	pottery	TizonBrown							5	frag	
2048	1981	Surface	S19 W8	Surface	pottery	NA							1	frag	desert buff

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2049	1981	Surface	s19 w8	surface	bone	NA							1	frag	
2050	1981	Surface	S17 W2	Surface	bone	NA							1	frag	
2051	1982	1x2m	S26/W8	40-50	bone	NA							81	frag	
2052	1982	1x2m	S26/W8	40-50	charcoal	NA						37.0	9999		see 1191
2053	1982	1x2m	S26/W8	40-50	pottery	TizonBrown							8	frag	
2054	1981	Surface	S16 W2	Surface	pottery	TizonBrown							3	frag	
2055	1981	Surface	S16 W2	Surface	bone	NA							2	frag	
2056		Surface	S26 W6	Surface	bone	NA							4	frag	
2057		Surface	S14/E2	Surface	pottery	TizonBrown							1	frag	
2058		Surface	S14/E2	Surface	bone	NA							2	frag	
2059		Surface	S23 W12	surface	pottery	TizonBrown							2	frag	DUPLICATE 5-24-90
2060	1981	Surface	S7/E12	surface	pottery	TizonBrown							3	frag	
2061	1981	Surface	S11/E4	Surface	bone	NA							1	frag	
2062	1981	Surface	S11/E4	Surface	pottery	TizonBrown							1	frag	
2063	1981	Surface	S14/W6	Surface	pottery	TizonBrown							1	frag	
2064	1981	Surface	S25 W2	Surface	pottery	TizonBrown							7	frag	
2065	1981	Surface	S25 W2	Surface	bone	NA							11	frag	
2066	1981	Surface	S23 W6	surface	pottery	TizonBrown							2	frag	
2067	1981	Surface	S23 W6	Surface	bone	NA							1	frag	
2068	1982	Surface	S15 E8	Surface	pottery	TizonBrown							4	frag	
2069	1982	Surface	S15 E8	Surface	bone	NA							9	frag	
2070	1981	Surface	S6/E6	Surface	pottery	TizonBrown							2	frag	
2071	1981	Surface	S6/E6	Surface	bone	NA							1	frag	
2072		Surface	S17 E4	Surface	pottery	TizonBrown							4	frag	
2073		Surface	S7/E0	Surface	bone	NA							4	frag	
2074		Surface	S5 E2	Surface	pottery	TizonBrown							3	frag	
2075		Surface	S5 E2	Surface	pottery	TizonBrown		2.7	1.8	0.5			1	frag	RIM SHERD
2076	1981	Surface	S12/E4	Surface	pottery	TizonBrown							2	frag	
2077	1981	Surface	S12/E4	Surface	bone	NA							2	frag	
2078	1981	Surface	S26 E8	surface	pottery	TizonBrown							1	frag	
2079	1981	Surface	S25 W0	Surface	bone	NA							6	frag	
2080	1981	Surface	S25 W0	Surface	pottery	TizonBrown							6	frag	
2081	1981	Surface	S23 W8	surface	bone	NA							5	frag	
2082	1981	Surface	S23 W8	surface	pottery	TizonBrown							5	frag	
2083	1981	Surface	S9/E2	Surface	bone	NA							7	frag	2 burnt
2084	1981	Surface	S9/E2	Surface	pottery	TizonBrown							3	frag	
2085	1981	Surface	S9/E4	Surface	bone	NA							5	frag	4 BURNT

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2086	1981	Surface	S9/E4	Surface	bone	NA							1		snake vertebra
2087	1981	Surface	S9/E4	surface	pottery	TizonBrown							3	frag	
2088	1981	Surface	S13/E4	Surface	bone	NA							1	frag	
2089	1981	Surface	S13/E4	Surface	pottery	TizonBrown							2	frag	
2090	1981	Surface	S19 E6	Surface	pottery	TizonBrown							2	frag	
2091	1981	Surface	S10/E6	Surface	bone	NA							6	frag	
2092	1981	Surface	S5 E8	Surface	bone	NA							2	frag	
2093	1981	Surface	S5 E8	Surface	pottery	TizonBrown							4	frag	
2094	1981	Surface	S5 E8	Surface	flakedstone	utilizedflake		1.5	1.3	0.2			1		
2095	1981	Surface	S5 E8	Surface	flakedstone	utilizedflake	basalt	2.2	1.1	0.2			1		
2096	1981	Surface	S10/E8	Surface	bone	NA							25	frag	23 burnt
2097	1981	Surface	S10/E8	Surface	other	other		3.8	2.1				1	frag	large pebble
2098		1x2m	S26/W8	50-60	other	other	basalt	1.8	0.7	0.4			1	frag	DISCARDED
2099	1981	Surface	S5 E8	Surface	flakedstone	scraper	MVporphyritic	6.2	3.7	2.2			1		
2100	1981	Surface	S10/E8	Surface	flakedstone	utilizedflake		2.2	2.0	0.2			1		
2101	1981	Surface	S10/E8	Surface	flakedstone	knife	quartz	1.8	1.0	0.5			1	frag	blade flake
2102	1981	Surface	S10/E8	Surface	pottery	TizonBrown							11	frag	
2103	1981	Surface	S19 W0	Surface	bone	NA							8	frag	
2104	1981	Surface	S19 W0	Surface	pottery	TizonBrown							2	frag	
2105	1981	Surface	S24 W0	Surface	metal	wire		8.5	4.0	0.2			1		HEAVY GAUGE
2106	1981	Surface	S24 W0	surface	bone	NA							11	frag	10 burnt
2107	1981	Surface	S8/E2	Surface	pottery	TizonBrown							4	frag	
2108		Surface	S19 W2	Surface	pottery	TizonBrown							1	frag	
2109	1981	Surface	S8/E6	Surface	pottery	TizonBrown							2	frag	
2110	1981	Surface	S6/E2	Surface	pottery	TizonBrown							1	frag	
2111	1981	Surface	S6/E2	Surface	bone	NA							2	frag	
2112	1981	Surface	S12/E8	surface	pottery	TizonBrown							4	frag	
2113	1981	Surface	S12/E8	surface	bone	NA							11	frag	
2114	1981	Surface	S15 E2	Surface	pottery	TizonBrown							1	frag	
2115	1982	Surface	S15 E2	Surface	bone	NA							1	frag	
2116	1981	Surface	S8/E6	Surface	bone	NA							4	fragment/b	
2117	1981	Surface	S24 W0	Surface	pottery	TizonBrown							2	frag	
2118	1981	Surface	S11/E2	surface	bone	NA							1		
2119	1981	1x2m	S9/E10	40-50	charcoal	NA						37.8	9999		hearth area only; sample s
2120	1981	Surface	S19 W0	Surface	bone	NA							10	frag	3 burnt
2121	1981	Surface	S21 W0	Surface	bone	NA							7	frag	
2122	1981	Surface	S20 W0	Surface	bone	NA							11	frag	7 burnt

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2123	1981	Surface	S19 W0	Surface	metal	other		7.0	1.8	0.1			1		SEE CARD #3132
2124	1981	Surface	S19 W0	Surface	pottery	TizonBrown							5	frag	
2125	1981	Surface	S20 WO	Surface	pottery	TizonBrown							1	frag	
2126		Surface	S21 W6	Surface	pottery	TizonBrown							3	frag	duplicate 5-14-90
2127	1981	Surface	S21 W0	Surface	bone	NA							10	frag	7 burnt
2128	1981	Surface	S25 W10	Surface	pottery	TizonBrown							2	frag	
2129	1981	Surface	S6/E0	Surface	pottery	TizonBrown							2	frag	
2130	1981	Surface	S6/E0	Surface	bone	NA							1	frag	
2131	1981	Surface	S6/E0	Surface	pottery	NA							1	frag	desert buff
2132	1981	Surface	S17 W0	Surface	metal	other		4.8	1.9	0.1			1		see card 2122
2133	1981	Surface	S17 W0	Surface	pottery	TizonBrown							5	frag	
2134		Surface	S14/E8	Surface	bone	NA							8	fragment/b	
2135	1982	Surface	S17 E2	Surface	pottery	NA							1	frag	desert buff
2136	1982	Surface	S17 E2	Surface	pottery	TizonBrown							1	frag	
2137		Surface	S9/E12	Surface	pottery	TizonBrown							3	frag	duplicate 5-24-90
2138	1981	Surface	S9/E12	Surface	bone	NA							1	frag	
2139		Surface	S15 E6	Surface	bone	NA							13	frag	
2140		Surface	S15 E6	Surface	pottery	TizonBrown							2	frag	
2141	1981	Surface	S5 E4	Surface	pottery	TizonBrown							1	frag	
2142	1981	Surface	S10/E10	Surface	pottery	TizonBrown							3	frag	
2143	1981	Surface	S10/E10	surface	bone	NA							3	frag	
2144	1981	Surface	S24 W12	surface	bone	NA							2	frag	
2145	1981	Surface	S24 W12	surface	pottery	TizonBrown							1	frag	
2146	1981	Surface	S12/E14	surface	bone	NA							3	fragment/b	
2147	1981	Surface	S12/E14	surface	pottery	TizonBrown							1	frag	
2148	1982	1x2m	S17/E10	50-60	pottery	TizonBrown		1.5	0.8	0.6			1	frag	rim sherd
2149	1982	1x2m	S17/E10	50-60	pottery	TizonBrown		3.4	2.0	0.6			1	frag	rim sherd
2150	1982	1x2m	S17/E10	50-60	shell	NA		3.9	3.2	0.2			1		altered chione
2151	1982	1x2m	S17/E10	50-60	groundstone	mano	basalt	5.5	4.0	2.3			1	fragment/b	F.A.R.
2152		1x2m	S18/W0	50-60	shell	bead		1.1	0.7	0.1			1		olivella
2153	1982	1x2m	S18/W0	50-60	shell	bead		0.5	0.4	0.1			1		OLIVELLA
2154	1982	1x2m	S9/E10	40-50	shell	bead		1.5	0.8	0.1			1		olivella
2155		Surface	S15 E14	surface	flakedstone	chopper	basalt	8.3	8.3	5.2			1		
2156	1982	1x2m	S22/W4	80-90	pottery	TizonBrown							9	frag	
2157	1982	1x2m	S22/W4	80-90	flakedstone	debitage	basalt	3.8	2.2	2.5			1		
2158	1982	1x2m	S22/W4	80-90	bone	NA							56	frag	9 BURNT
2159	1982	1x2m	S22/W4	80-90	bone	NA		1.1	0.8	0.1			1		snake vertebra

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2160	1982	1x2m	S17/E10	50-60	pottery	TizonBrown							3	frag	
2161	1982	1x2m	S17/E10	40-50	bone	NA							34	frag	23 burnt
2162		Surface	S16 E16	Surface	flakedstone	debitage	varied					61.1	6		
2163		Surface	S10/E2	surface	flakedstone	debitage	varied					31.7	6		
2164		Surface	S14/E4	Surface	flakedstone	debitage	varied					28.5	3		
2165		Surface	S16 E2	Surface	flakedstone	debitage	varied					14.4	6		
2166	1981	Surface	S9/E10	surface	flakedstone	debitage	varied					1.3	2		
2167		Surface	S12/E0	Surface	flakedstone	debitage	varied					2.7	4		
2168		Surface	S7/E6	Surface	flakedstone	debitage	varied					23.1	8		
2169		Surface	S5 E4	Surface	flakedstone	debitage	varied					1.0	4		
2170		Surface	S14/W0	Surface	flakedstone	debitage	varied					1.8	6		
2171		Surface	S17 E0	surface	flakedstone	debitage	varied					1.4	4		
2172		Surface	S26 W6	Surface	flakedstone	debitage	varied					8.5	4		
2173		Surface	S24 W2	surface	flakedstone	debitage	varied					4.0	7		
2174		Surface	S7/E0	Surface	flakedstone	debitage	quartz					2.0	2		
2175		Surface	S20 W0	Surface	flakedstone	debitage	varied					9.3	11		
2176		Surface	S12/E8	Surface	flakedstone	debitage	varied					8.2	10		
2177		Surface	S22 E12	surface	flakedstone	debitage	quartz					0.3	1		
2178		Surface	S9/E4	Surface	flakedstone	debitage	varied					6.9	11		
2179		Surface	S20 W4	surface	flakedstone	debitage	varied					1.1	2		
2180		Surface	S15 E2	surface	flakedstone	debitage	varied					7.6	4		
2181		Surface	S8/E2	surface	flakedstone	debitage	varied					5.4	5		
2182		Surface	S13/E12	Surface	flakedstone	debitage	varied					44.7	15		
2183	1981	Surface	S9/E0	Surface	shell	marine shell						17.1	41		
2184	1982	1x2m	S18/W4	10-20	flakedstone	projectilept	quartz	3.6	1.2	0.2		0.7	1		pressure flaked
2185	1982	1x2m	S18/W8	50-60	flakedstone	projectilept	chalcedony	2.8	1.2	0.4		0.7	1	frag	base
2186	1982	1x2m	S18/W8	50-60	flakedstone	projectilept	quartz	3.0	2.5	1.1		6.8	1	frag	tip
2187	1982	1x2m	S18/W8	50-60	flakedstone	projectilept	chalcedony	2.5	1.5	0.4			1	com	no exact provienence- abo
2188	1982	1x2m	S26/W8	60-70	flakedstone	projectilept	quartz	1.5	1.0	0.3		0.5	1	frag	tip
2189	1982	1x2m	S17/E6	40-50	flakedstone	projectilept	basalt	6.0	2.1	0.8		9.2	1	com	many inclusions S88 W25
2190	1982	1x2m	S17/E6	40-50	flakedstone	projectilept	obsidian	1.0	1.2	0.4			1	frag	base
2191	1982	1x2m	S13/E10	30-40	flakedstone	projectilept	other	1.3	0.6	0.2		0.2	1	frag	tip
2192	1982	1x2m	S18/W8	50-60	flakedstone	projectilept	quartz	1.5	1.5	0.6		1.0	1	frag	base
2193	1982	1x2m	S9/E6	20-30	flakedstone	projectilept	quartz	4.6	2.7	0.8		4.3	1	com	No provienence
2195	1982	1x2m	S13/E10	40-50	flakedstone	projectilept	quartz						2	frag	base
2196	1982	1x2m	S17/E10	60-70	flakedstone	projectilept	other	0.9	1.0	0.3		0.3	1	frag	tip
2197	1982	1x2m	S22/W8	50-60	flakedstone	projectilept	quartz	1.6	0.9	0.4		0.5	1	frag	tip

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2198	1982	1x2m	S13/E14	50-60	flakedstone	tool	basalt	5.2	2.2	0.8			1		burin
2199	1982	1x2m	S13/E14	40-50	flakedstone	tool	basalt	5.8	2.9	2.1			1		burin
2200	1982	1x2m	S22/W8	50-60	pottery	TizonBrown		1.3	1.4	0.4			1	frag	rim
2201	1982	1x2m	S18/W0	60-70	shell	bead		1.5	0.8	0.2			1		olivella
2202	1982	1x2m	S22/W8	60-70	pottery	pipe		3.8	1.8	0.6			1		outside burnished
2203	1982	1x2m	S13/E10	40-50	shell	bead		0.7	0.5	0.2			1	com	olivella
2204	1982	1x2m	S26/W0	30-40	pottery	TizonBrown		1.3	1.0	0.5			1	frag	altered
2205	1982	1x2m	S18/W0	60-70	pottery	TizonBrown		3.8	6.0	0.4			1	frag	rim sherd
2206	1982	1x2m	S26/W4	50-60	pottery	TizonBrown		4.0	5.8	0.7			1	frag	rim sherd
2207	1982	1x2m	S18/W0	60-70	shell	bead		1.1	0.6	0.2			1		possible manufacture cut
2208	1982	1x2m	S18/W8	50-60	pottery	TizonBrown		6.4	5.2	0.5			1	frag	outside blackened
2209	1982	1x2m	S18/W4	10-20	pottery	TizonBrown		1.7	1.8	0.7			1	frag	rim sherd
2210	1982	1x2m	S13/E10	40-50	flakedstone	projectilept	quartz	1.6	1.1	0.3		0.5	1	frag	tip
2211	1982	1x2m	S22/W4	80-90	bone	NA		3.3	1.4	0.3			1	frag	
2212	1982	1x2m	S9/E4	40-50	bone	NA		0.9	0.4	0.2			2		otoliths
2213	1982	1x2m	S9/E8	60-70	bone	NA		1.0	0.2	0.2			1		tooth (skunk or opossum)
2214	1982	1x2m	S9/E8	40-50	bone	NA		0.6	0.1	0.1			1		"sardine" vertebra
2215	1982	1x2m	S9/E8	10-20	shell	bead		0.4	0.4	0.1			1		unit # might be S9 E6
2216	1982	1x2m	S13/E6	30-40	bone	NA		0.7	0.4	0.2			1		otolith
2217	1982	1x2m	S26/W8	20-30	bone	NA		1.3	0.8	0.6			1		otolith
2218	1982	1x2m	S5/E6	30-40	bone	NA		0.8	0.5	0.1			1		otolith
2219		Surface	0-meridia	surface	flakedstone	projectilept	quartz	1.9	1.1	0.3		0.6	1		small areas of crystal
2220		Surface	0-meridia	surface	flakedstone	projectilept	quartz	1.1	0.9	0.2		0.5	1	frag	
2221	1982	1x2m	S26/W12	70-80	flakedstone	projectilept	quartz	3.2	1.5	0.6		2.7	1		excellent lithic material
2223	1982	1x2m	S26/W12	70-80	flakedstone	projectilept	quartz	2.1	2.1	0.4			1	frag	base
2224	1982	1x2m	S13/E10	60-70	flakedstone	projectilept	quartz	1.0	1.0	0.4		0.6	1	frag	base
2225	1982	Surface	S15 E4	surface	shell	marine shell						2.9	14	frag	
2226	1982	1x2m	S5/E6	50-60	other	ornament	other	2.2	2.1	0.4			1	frag	owl effigy pendant
2227	1982	1x2m	S22/W8	30-40	charcoal	NA						12.5	9999		See 1169
2228	1982	1x2m	S26/W0	30-40	flakedstone	projectilept	quartz	1.3	0.9	0.4		0.4	1	frag	
2229	1981	Surface	S8/E0	surface	shell	marine shell						1.5	4		
2230	1982	1x2m	S5/E6	40-50	flakedstone	projectilept	quartz	1.4	0.9	0.4		0.6	1	frag	
2231		1x2m	S13/E6	40-50	flakedstone	projectilept	quartz	0.8	1.0	0.2		0.4	1	frag	
2232	1982	1x2m	S14/E8	surface	glass	bead		0.8	0.4	0.3			2	whole/b	Historic.
2233	1982	1x2m	S9/E10	80-90	flakedstone	NA	obsidian						5	frag	nodule and fragments
2234	1982	1x2m	S13/E6	30-40	flakedstone	projectilept	quartz	1.4	1.3	0.5			1	frag	base
2235	1982	1x2m	S18/W8	70-80	flakedstone	projectilept	quartz	1.2	1.1	0.3			1	frag	tip

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2236	1982	1x2m	S13/E10	60-70	flakedstone	NA	obsidian	2.9	2.9	1.0			1		nodule
2237	1982	1x2m	S13/E10	50-60	flakedstone	projectilept		1.1	1.2	0.5		0.5	1	frag	tip
2238	1982	1x2m	S13/E6	30-40	flakedstone	projectilept	quartz	2.6	1.7	0.4			1	frag	tip
2239	1982	1x2m	S13/E6	30-40	flakedstone	projectilept	quartz	0.7	1.1	0.2		0.3	1	frag	base
2240	1982	1x2m	S13/E10	50-60	flakedstone	tool	quartz	1.4	1.0	0.3		0.6	1		drill
2241	1982	1x2m	S18/W0	70-80	flakedstone	projectilept	chert	1.6	1.1	0.4		0.8	1		found in screen
2242	1982	1x2m	S26/W4	50-60	pottery	TizonBrown		2.9	2.5	0.5			1	frag	rim sherd
2243	1982	1x2m	S18/W0	70-80	pottery	TizonBrown		1.2	1.1	0.5			1	frag	rim sherd
2244	1982	1x2m	S13/E10	60-70	flakedstone	projectilept	quartz	0.8	0.5	0.2			1	frag	tip
2245	1982	1x2m	S13/E14	40-50	flakedstone	debitage	obsidian	0.8	0.7	0.2			1	frag	
2246	1982	1x2m	S17/E10	60-70	flakedstone	projectilept	obsidian	0.7	0.5	0.1			1	frag	found in screen Recatalog
2247	1982	1x2m	S17/E18	60-70	flakedstone	debitage	obsidian	0.6	0.4	0.1			1		
2248	1982	1x2m	S13/E14	50-60	flakedstone	debitage	obsidian	0.8	0.8	0.1			1		
2249	1982	1x2m	S17/E10	50-60	flakedstone	debitage	obsidian						4		
2250	1982	1x2m	S26/W4	40-50	flakedstone	debitage	obsidian	1.0	0.6	0.1			1		
2251	1982	1x2m	S26/W4	50-60	flakedstone	utilizedflake	obsidian	0.9	0.4	0.1			1	frag	blade flake
2252	1982	1x2m	S13/E14	50-60	flakedstone	debitage	obsidian	1.2	0.7	0.1			1		
2253	1982	1x2m	S13/E6	30-40	flakedstone	debitage	obsidian	0.7	0.4	0.1			1		
2254	1982	1x2m	S18/W8	50-60	flakedstone	utilizedflake	obsidian	1.8	1.6	0.1		0.7	1		
2255	1982	1x2m	S22/W8	60-70	flakedstone	scraper	other	7.0	5.2	2.0			1		felsite
2256	1982	1x2m	S18/W4	20-30	flakedstone	scraper	other	4.3	2.8	1.2			1		felsite
2257		1x2m	S26/W12	70-80	flakedstone	utilizedflake	quartz	2.0	1.5	0.5			1		
2258	1982	1x2m	S26/W12	70-80	flakedstone	utilizedflake	quartz	2.1	0.8	0.4			1		
2259	1982	1x2m	S26/W12	60-70	flakedstone	scraper	MVporphyritic	4.9	3.0	1.0			1		
2260	1982	1x2m	S26/W4	40-50	flakedstone	debitage	basalt	1.0	0.5	0.1			1		microflake
2261	1982	1x2m	S26/W12	60-70	flakedstone	knife	chert	1.5	1.0	0.1			1	frag	blade flake
2262	1982	1x2m	S26/W12	60-70	flakedstone	knife	other	1.5	0.5	0.1			1		felsite
2263	1982	1x2m	S26/W4	50-60	flakedstone	utilizedflake	basalt	2.4	2.0	0.2			1		
2264	1982	1x2m	S18/W0	70-80	flakedstone	utilizedflake	MVporphyritic	5.0	2.4	0.7			1		W 52 N 10 D 75
2265	1982	1x2m	S26/W4	50-60	glass	NA		1.2	0.5	0.1			1	frag	
2266		1x2m	S26/W12	60-70	flakedstone	scraper	basalt	3.8	3.0	0.4			1		W90 S46 D67
2267	1982	1x2m	S17/E10	60-70	flakedstone	knife	other	2.3	1.0	0.1			1		rhyolite
2268	1982	1x2m	S26/W12	70-80	flakedstone	scraper	other	4.0	2.5	0.7			1		side/end scraper
2269	1982	1x2m	S18/W8	50-60	bone	NA		3.5	1.4	0.6			1		modified antler
2270	1982	1x2m	S13/E10	30-40	bone	ornament		1.5	0.8	0.2			1	fragment/b	polished
2271	1982	1x2m	S5/E6	50-60	flakedstone	projectilept	quartz	2.6	1.2	0.3		0.9	1		
2272	1982	1x2m	S18/W4	20-30	shell	marine shell		1.0	0.6	0.1			1		olivella

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2273	1982	1x2m	S5/E6	50-60	flakedstone	debitage	obsidian	0.5	0.4	0.1			1		found in screen
2274	1982	1x2m	S18/W4	20-30	shell	bead		1.0	0.6	0.1			1		olivella
2275	1982	1x2m	S13/E6	40-50	bone	tool		6.3	1.0	0.5			1		net shuttle
2276	1982	1x2m	S26/W0	50-60	bone	NA							6	frag	1 burnt
2277	1982	1x2m	S13/E10	50-60	bone	tool		1.2	1.3	0.3			1	fragment/b	base of net shuttle
2278		1x2m	S17/E10	50-60	bone	NA		4.7	2.4	0.7			1		lg. mammal bone
2279	1982	1x2m	S13/E10	50-60	bone	awl		1.1	0.4	0.2			1	frag	tip
2280	1982	1x2m	S13/E6	30-40	bone	NA							1	fragment/b	some abraded marks
2281	1982	1x2m	S13/E6	30-40	bone	bead		0.5	0.5	0.4			1		burnt
2283	1982	Surface	S17 W14	surface	flakedstone	core	chalcedony	2.8	2.6	2.5			1		S9 E197
2284	1982	1x2m	S26/W8	40-50	flakedstone	debitage	other						3		rhyolite
2286	1982	1x2m	S26/W4	50-60	glass	NA		1.1	1.3	0.1			1	frag	
2287	1982	1x2m	S18/W8	50-60	shell	marine shell		3.0	2.7	0.2			1		altered
2288	1981	Surface	S24 W6	Surface	shell	NA						0.1	1		
2289	1981	Surface	S16 W4	Surface	shell	marine shell						3.8	13		
2290	1981	Surface	S5 E4	Surface	shell	marine shell						13.1	14		
2291	1981	Surface	S11/E12	surface	shell	marine shell						15.6	14		
2292	1981	Surface	S18 W0	surface	shell	marine shell						2.2	5	frag	
2293		Surface	S26 W10	Surface	shell	marine shell						2.6	5	frag	
2294	1981	Surface	S22 W4	surface	shell	marine shell						0.8	3	frag	
2295	1981	Surface	S20 W0	surface	shell	marine shell						1.2	10		
2296	1981	Surface	S22 W6	surface	shell	marine shell						0.7	4	frag	
2297	1981	Surface	S12/E8	surface	shell	marine shell						11.5	32		
2298		Surface	S14/E2	surface	shell	marine shell						1.1	3		
2299	1982	Surface	S17 E8	surface	shell	marine shell						6.7	9		
2300	1982	1x2m	S18/W0	50-60	pottery	TizonBrown		5.8	5.8	0.7			1	frag	rim sherd
2301	1982	1x2m	S18/W0	70-80	flakedstone	scraper	other	5.8	4.6	2.2			1		rhyolite
2302	1982	1x2m	S18/W0	70-80	flakedstone	debitage	other						3	frag	rhyolite
2303	1981	Surface	S21 W6	Surface	shell	marine shell						1.2	7		
2304	1981	Surface	S16 E12	Surface	shell	marine shell						3.6	9		
2305	1981	Surface	S21 W0	surface	shell	marine shell						1.2	3	frag	
2306	1982	Surface	S15 E8	surface	shell	marine shell						9.9	35		
2307	1981	Surface	S23 W12	surface	shell	NA						0.3	3	frag	
2308	1981	Surface	S19 W4	Surface	shell	marine shell						1.9	16		
2309	1982	Surface	S15 E2	Surface	shell	marine shell						0.9	3		
2310	1981	Surface	S11/E10	Surface	shell	marine shell						17.4	5		
2311	1981	Surface	S18 E8	surface	shell	marine shell						1.9	7		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2312		Surface	S23 E8	surface	shell	marine shell						4.5	12		
2313	1982	Surface	S15 W12	surface	groundstone	metate	granitic	30.0	17.0	7.0			1		waterworn rock with pit
2314		Surface	S15 E6	Surface	shell	marine shell						17.3	22		ALSO 2394
2315	1981	Surface	S14/W0	surface	shell	marine shell						5.9	5		
2316	1981	Surface	S22 W12	Surface	shell	marine shell						1.1	2	frag	
2317		Surface	S6/E8	Surface	shell	marine shell						0.6	2	com	
2318	1981	Surface	S25 W2	surface	shell	marine shell						10.8	12	frag	
2319	1981	Surface	S8/E10	Surface	shell	marine shell						3.6	10		
2320	1981	Surface	S21 W8	surface	shell	marine shell						3.8	4	frag	
2321	1981	Surface	S17 W4	surface	shell	marine shell						1.6	8		
2322	1981	Surface	S10/E8	surface	shell	marine shell						16.6	68		
2323	1981	Surface	S12/E0	Surface	shell	marine shell						1.0	6		
2324	1981	Surface	S23 W6	Surface	shell	marine shell						8.9	2		1 clam
2325	1981	Surface	S13/E10	Surface	shell	marine shell						23.3	52		
2326	1981	Surface	S23 W10	Surface	shell	marine shell						1.7	2		
2327	1981	Surface	S10/E10	Surface	shell	marine shell						2.6	10		
2328	1981	Surface	S20 W4	surface	shell	marine shell						1.9	5		
2329	1981	Surface	S19 W0	surface	shell	marine shell						18.9	10		
2330	1981	Surface	S19 W4	surface	bone	NA							2	frag	1 burnt (found in shell ba
2331	1981	Surface	S21 W0	surface	bone	NA							1	frag	found in shell bag
2332	1981	Surface	S23 W12	Surface	bone	NA							1	frag	found in shell bag
2333	1981	Surface	S14/E14	surface	bone	NA							1	frag	found in shell bag
2334	1981	Surface	S11/E2	surface	bone	NA							1	frag	found in shell bag
2335		1x2m	S20/W4	Surface	bone	NA							3	frag	
2336	1982	1x2m	S22/W8	60-70	flakedstone	projectilept	basalt	0.8	0.8	0.2		0.2	1	frag	tip
2337	1982	1x2m	S17/E6	60-70	flakedstone	projectilept	quartz	1.9	1.1	0.4		0.7	1		"E1/2 of E1/2" 69 cm D
2338	1982	1x2m	S26/W4	60-70	shell	bead							3		burnt disc beads
2339	1982	1x2m	S26/W8	30-40	pottery	TizonBrown		2.1	2.4	0.5			1	frag	rim sherd
2340	1982	1x2m	S26/W8	70-80	pottery	TizonBrown		1.3	1.0	0.5			1	frag	rim sherd
2341	1982	1x2m	S18/W8	70-80	pottery	pipe		1.6	1.0	0.6			1	frag	
2342	1982	1x2m	S18/W8	20-30	pottery	TizonBrown		2.6	1.7	0.5			1	frag	rim sherd
2343	1982	1x2m	S18/W8	20-30	pottery	TizonBrown		2.6	2.5	0.5			1	frag	rim sherd
2344		1x2m	S26/W0	50-60	pottery	TizonBrown		4.2	3.6	1.0			1	frag	basket marks on inside
2345		1x2m	S22/W0	30-40	pottery	NA		5.7	5.2	0.5			1	frag	desert buff rim sherd
2346	1982	1x2m	S18/W8	60-70	pottery	TizonBrown		3.0	2.0	0.5			1	frag	rim sherd
2347	1982	1x2m	S26/W12	60-70	pottery	NA		3.0	2.5	0.4			1	frag	desert buff
2348		Surface	S17 E8	Surface	bone	NA							1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2349		1x2m	S18/W8	30-40	pottery	TizonBrown		1.8	1.6	0.5			1	frag	rim sherd
2350		1x2m	S13/E6	40-50	pottery	pipe		1.7	1.4	0.1			1	frag	rim (mouth?)
2351	1982	1x2m	S13/E6	40-50	pottery	TizonBrown		5.3	2.8	0.5			1	frag	rim sherd
2352	1982	1x2m	S18/W4	20-30	pottery	NA		2.2	1.8	0.4			1	frag	desert buff
2353		1x2m	S9/E10	80-90	bone	NA		1.4	0.9	0.1			1	frag	sutured
2354	1982	1x2m	S26/W0	50-60	flakedstone	projectilept	quartz	0.6	0.4	0.2		0.1	1	frag	tip
2355	1982	1x2m	S17/E6	70-80	flakedstone	debitage	obsidian	1.0	0.5	0.1			1	frag	
2356	1982	1x2m	S18/W4	20-30	flakedstone	NA	obsidian	2.5	2.8	1.0			1		nodule
2357	1982	1x2m	S13/E6	30-40	flakedstone	debitage	obsidian	0.6	0.4	0.1			1		
2358	1982	1x2m	S13/E14	60-70	flakedstone	awl		1.4	0.5	0.2			1	frag	TIP
2359	1982	1x2m	S26/W12	60-70	bone	NA							1	frag	
2360	1982	1x2m	S18/W0	70-80	bone	NA		6.0	0.5	0.1			1	frag	polished bone
2361	1982	1x2m	S13/E6	30-40	bone	NA		1.5	0.6	0.3			1	frag	polished bone
2362	1982	1x2m	S13/E6	30-40	bone	NA		1.2	0.6	0.3			1	frag	polished bone
2363	1982	1x2m	S5/E6	40-50	bone	NA		4.1	2.1	0.7			1		modified bone
2364	1982	1x2m	S17/E6	70-80	bone	NA		1.1	0.8	0.3			1	fragment/b	polished bone
2365	1982	1x2m	S9/E10	80-90	bone	NA		2.8	1.2	0.4			1	frag	net shuttle
2366		1x2m	S22/W0	40-50	bone	bead		1.6	0.5	0.1			1		some dark grey from poss
2368		Surface	S9/E8	Surface	bone	tool		5.0	1.1	0.9			1	frag	fabricator
2369	1982	1x2m	S22/W8	50-60	bone	NA							3	frag	snake vertebrae?
2370		1x2m	S13/E6	30-40	bone	NA		0.6	1.1	0.3			1	frag	polished bone
2371	1982	1x2m	S22/W0	30-40	bone	tool		2.6	1.3	0.4			1	frag	net shuttle
2372	1982	1x2m	S18/W0	50-60	flakedstone	utilizedflake	basalt	2.0	1.4	0.2			1		E12 S21 D75
2373	1982	1x2m	S13/E14	50-60	flakedstone	scraper		4.2	1.5	1.0			1		Cobble
2374	1982	1x2m	S9/E10	70-80	bone	awl		3.2	0.6	0.6			3	frag	1 awl but 3 fragments
2375	1982	1x2m	S26/W12	70-80	flakedstone	NA		3.4	3.0	0.6			1		abraded stone with red oc
2376	1982	1x2m	S18/W0	20-30	flakedstone	utilizedflake	MVporphyritic	4.4	2.5	0.7			1		N28 E43 D73
2377	1981	Surface	S8/E8	Surface	shell	marine shell						0.5	2	frag	
2378	1981	Surface	S14/E16	Surface	shell	marine shell						10.4	14	frag	
2379	1982	Surface	S17 E16	Surface	shell	marine shell						3.1	1	com	
2380	1981	Surface	S15 E12	surface	shell	marine shell						14.5	32		
2381	1981	Surface	S11/E12	Surface	flakedstone	debitage	basalt					0.5	1		
2382		Surface	S16 E4	Surface	flakedstone	debitage						2.5	7		
2383	1981	Surface	S11/E2	surface	flakedstone	debitage	basalt					0.0	1		
2384	1982	1x2m	S18/W8	50-60	bone	NA		2.2	0.8	0.9			1	frag	fabricator
2385	1982	1x2m	S17/E10	60-70	other	other	other						1	frag	hematite
2386	1981	Surface	S16 E14	Surface	flakedstone	debitage	varied					23.0	12		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2387	1981	Surface	S21 W6	Surface	flakedstone	debitage						1.2	3		
2388		Surface	S19 W6	surface	flakedstone	debitage	varied					1.1	5		
2389	1982	Surface	S17 E0	Surface	shell	marine shell						1.1	4	com	
2390		1x2m	S13/E6	40-50	other	other		0.5	0.1	0.1			2		-1G
2391	1981	Surface	S24 W2	Surface	shell	marine shell						0.1	2	frag	
2392	1982	1x2m	S26/W12	60-70	bone	NA							1	frag	
2393	1982	1x2m	S26/W12	60-70	bone	NA		0.6	0.9	0.2			1	frag	polished and abraded
2394		Surface	S15 E6	Surface	shell	marine shell						0.1	1	frag	
2395	1982	Surface	S15 E4	Surface	shell	marine shell						0.3	2	frag	
2396	1982	1x2m	S13/E6	40-50	bone	NA		0.5	0.2	0.1			1		fish vertebra
2397	1982	1x2m	S17/E10	60-70	bone	NA		0.7	0.6	0.5			1		fish vertebra
2398	1981	Surface	S10/E6	surface	shell	marine shell						0.2	2	frag	
2399	1982	Surface	S22 W4	Surface	shell	marine shell						1.1	5		
2400		Surface	S18 W2	surface	shell	marine shell						0.9	3		
2401	1981	Surface	S17 W6	Surface	shell	NA						0.1	1		
2402	1981	Surface	S6/E10	surface	shell	marine shell						0.2	1	com	
2403	1981	Surface	S12/E6	surface	shell	marine shell						12.1	74		
2404	1982	Surface	S16 E16	surface	shell	marine shell						5.5	5	frag	
2405	1982	Surface	S16 E0	surface	shell	marine shell						4.4	3	frag	
2406		Surface	S26 W0	surface	metal	nail/tack		1.6	0.5	0.4			1	frag	SQUARE NAIL
2407	1982	1x2m	S26/W12	90-100	other	other							1	frag	resin
2408	1982	1x2m	S17/E6	40-50	groundstone	mano	granitic	8.2	3.9	2.6			1	frag	
2409	1982	1x2m	S18/W0	60-70	other	ornament		1.4	1.0	0.3			1	frag	pendant
2410	1982	1x2m	S22/W8	60-70	groundstone	metate	granitic	6.6	3.9	5.0			1	frag	
2411	1981	Surface	S16 W0	surface	shell	marine shell						1.8	6	frag	
2412	1982	Surface	S10/E0	Surface	shell	marine shell						0.7	3		
2413	1982	1x2m	S13/E6	40-50	bone	NA		0.2	0.1	0.1			1		fish vertebra
2414	1982	1x2m	S5/E6	50-60	bone	NA		0.3	0.3	0.3			1		fish vertebra
2415		1x2m	S26/W12	50-60	shell	NA		1.0	0.6	0.1			1		possible remainder of oliv
2416	1981	Surface	S16 W0	surface	shell	marine shell						0.8	1		olivella
2417	1981	Surface	S16 W8	Surface	shell	marine shell						6.3	10		
2418	1982	1x2m	S13/E6	40-50	bone	NA		0.3	0.2	0.2			1		fish vertebra
2419		1x2m	S13/E6	30-40	bone	NA		0.2	0.2	0.2			1		fish vertebra
2420	1982	1x2m	S5/E6	50-60	bone	NA		0.5	0.3	0.3			1		fish vertebra
2421	1982	1x2m	S13/E6	30-40	bone	NA		0.4	0.4	0.4			1		fish vertebra
2422	1982	1x2m	S18/W0	70-80	seeds	NA							3		watermelon
2423	1982	1x2m	S26/W12	60-70	bone	NA		0.5	0.3	0.2			1		fish vertebra

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2424	1981	Surface	S15 E12	surface	flakedstone	debitage	varied					54.2	26		
2425	1981	Surface	S17 W4	surface	flakedstone	debitage	varied					6.1	4		
2426	1981	Surface	S14/E16	surface	flakedstone	debitage	varied					7.3	5		
2427	1981	Surface	S12/E4	surface	flakedstone	debitage	quartz					1.0	1		
2428	1981	Surface	S14/W0	surface	flakedstone	debitage						0.0	1		striation lines on cleavage
2429	1981	Surface	S17 W6	surface	flakedstone	debitage	quartz						1		
2430	1981	Surface	S24 W12	surface	flakedstone	debitage	varied					3.4	7		
2431		Surface	S23 W6	surface	flakedstone	debitage	MVporphyritic					1.2	1		
2432		Surface	S8/E12	surface	flakedstone	debitage	varied					15.1	4		
2433	1981	Surface	S7/E2	surface	flakedstone	debitage	varied					11.0	7		
2434	1982	1x2m	S17/E6	60-70	shell	ornament		1.5	1.5	0.1			1		pendant
2435	1982	1x2m	S18/W8	70-80	shell	bead		1.5	0.9	0.7		0.6	1		olivella
2436	1982	1x2m	S26/W0	60-70	shell	bead							1		olivella
2437	1982	1x2m	S5/E6	50-60	shell	bead							1		burned
2438	1982	1x2m	S18/W8	50-60	shell	bead		1.1	1.0	0.1			1		olivella
2439	1982	1x2m	S13/E6	40-50	shell	bead		0.8	0.7	0.1			1		olivella
2440	1982	1x2m	S13/E6	40-50	shell	bead		0.8	0.5	0.1			1		olivella
2441	1982	1x2m	S5/E6	40-50	shell	bead							1		found in screen
2442	1982	1x2m	S13/E6	30-40	glass	NA		1.3	0.4	0.4			9999		width not the same all the
2443	1982	1x2m	S17/E6	70-80	shell	bead		0.5	0.5	0.1			1		olivella, curved disc, burn
2444	1982	1x2m	S22/W8	60-70	shell	bead		1.5	0.8	0.1			1		olivella
2445	1982	1x2m	S26/W0	40-50	shell	bead		0.6	0.6	0.1			1		disc bead
2446	1982	1x2m	S13/E10	70-80	shell	bead		1.0	0.6	0.1			1		olivella
2447	1982	1x2m	S13/E10	60-70	shell	ornament		1.5	1.0	0.1			1	frag	abalone
2448		1x2m	S18/W0	70-80	shell	bead							1		found in situ:
2449	1982	1x2m	S18/W4	20-30	shell	bead		1.1	0.6	0.5			1	com	ABRA
2450	1982	1x2m	S22/W8	50-60	shell	bead		1.0	0.4	0.1			1		olivella disc
2451	1982	1x2m	S18/W0	70-80	shell	bead		1.5	0.8	0.7			1	com	burned
2452	1982	1x2m	S9/E10	50-60	shell	ornament		1.5	1.4	0.2			1	frag	abalone shell
2453	1982	1x2m	S26/W12	50-60	shell	bead		0.7	0.1	0.1			1		olivella disc
2454	1982	1x2m	S17/E6	70-80	shell	bead		1.6	0.9	0.8			1	com	olivella
2455	1982	1x2m	S13/E10	60-70	shell	ornament							1		chipping around outer ed
2456	1982	1x2m	S9/E10	60-70	glass	bead							1		burned
2457	1981	Surface	S9/E8	surface	flakedstone	debitage	varied					4.8	5		
2458	1982	1x2m	S13/E6	30-40	bone	NA		0.3	0.2	0.2			1		fish vertebra
2459	1982	1x2m	S26/W12	60-70	bone	NA							3		snake vertebrae
2460	1981	1x2m	S26/W12	30-40	bone	awl		1.3	0.4	0.4			1	fragment/b	modified bone

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2461	1982	1x2m	S26/W8	70-80	bone	NA		0.4	0.2	0.3			1		fish vertebra
2462		1x2m	S9/E6	20-30	bone	NA		0.6	0.5	0.4			1		fish vertebra
2463		1x2m	S13/E6	30-40	bone	NA		0.5	0.5	0.4			1		fish vertebra
2464		1x2m	S26/W12	50-60	bone	NA		0.5	0.3	0.5			1		fish vertebra
2465	1982	1x2m	S18/W8	50-60	bone	NA		1.3	1.0	1.0			1		fish vertebra
2466		Surface	S21 W0	Surface	shell	marine shell						2.4	11		
2467	1981	Surface	S13/E16	Surface	shell	marine shell						1.1	3		
2468	1981	Surface	S15 E12	Surface	flakedstone	scraper		3.2	2.4	0.9			4		
2469		Surface	S26 W0	Surface	shell	marine shell						1.8	13		
2470	1981	Surface	S15 E10	Surface	shell	marine shell						16.2	43		
2471	1982	1x2m	S22/W8	60-70	shell	bead		0.2	0.6				1		olivella barrel bead
2472	1982	1x2m	S26/W4	50-60	other	other							1		screened
2473	1982	1x2m	S18/W0	60-70	shell	bead		1.1	0.7	0.6			1	com	olivella
2474	1982	1x2m	S13/E10	50-60	shell	bead							1		
2475	1982	1x2m	S13/E6	20-30	shell	bead		1.6	0.9	0.8			1	com	olivella
2476	1982	1x2m	S13/E6	30-40	shell	bead		0.4	0.4	0.1			1		disc bead
2477	1981	Surface	S7/E2	Surface	shell	marine shell						17.2	43		
2478	1981	1x2m	S26/W12	30-40	bone	bead		1.3	0.8	0.3			1		
2479	1982	1x2m	S13/E6	30-40	shell	bead		0.4	0.4	0.1			1		olivella disc bead
2480	1982	1x2m	S13/E10	50-60	shell	bead		1.5	0.8	0.8		0.2	1		olivella
2481	1982	1x2m	S17/E6	40-50	shell	bead		1.4	0.8	0.1			1		olivella
2483		1x2m	S13/E6	40-50	bone	NA		0.4	0.3	0.3			1		fish vertebra
2484		1x2m	S13/E6	40-50	bone	NA		0.2	0.2	0.2			1		fish vertebra
2485		1x2m	S13/E6	40-50	bone	NA		0.6	0.3	0.2			1		fish vertebra
2486	1982	1x2m	S13/E6	40-50	bone	NA		0.3	0.3	0.3			1		fish vertebra
2487	1982	1x2m	S13/E6	40-50	bone	NA		0.3	0.3	0.3			1		fish vertebra
2488	1982	1x2m	S26/W4	60-70	bone	NA		0.5	0.5	0.5			1		fish vertebra
2489	1982	1x2m	S13/E6	40-50	bone	NA		0.3	0.3	0.3			1		fish vertebra
2490		Surface	S10/E6	surface	flakedstone	debitage	MVporphyritic					0.2	1		
2491		Surface	S17 W8	Surface	flakedstone	debitage	varied					1.4	4		
2492	1981	Surface	S8/E10	Surface	flakedstone	debitage	varied					2.3	5		
2493	1981	Surface	S20 W12	Surface	flakedstone	debitage	quartz					2.6	4		
2494		Surface	S10/E8	Surface	flakedstone	debitage	varied					32.5	24		
2495		Surface	S6/E10	Surface	flakedstone	debitage	quartz					5.1	1		
2496	1982	1x2m	S5/E6	40-50	shell	bead		0.4	0.4	0.1			1		disc bead
2497	1982	1x2m	S18/W8	80-90	shell	NA		3.0	2.9	0.2			1	frag	abalone
2498	1982	1x2m	S18/W4	10-20	shell	NA		0.8	0.6	0.5			1		S27E-18.5D-8W

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2499	1982	1x2m	S26/W4	40-50	shell	bead		1.2	0.8	0.5			1		olivella
2500	1981	Surface	S11/E0	Surface	shell	marine shell						0.9	6		
2501	1981	Surface	S15 E16	Surface	shell	marine shell						6.2	20		
2502	1981	Surface	S16 E14	Surface	shell	marine shell						15.5	43		
2503	1982	1x2m	S9/E8	0-10	shell	bead		0.5	0.4	0.1			1		disc bead
2504		1x2m	S9/E6	20-30	shell	bead		1.5	0.8	0.6			1		
2505		1x2m	S13/E6	20-30	shell	bead		0.5	0.4	0.1			1	frag	disc bead
2506	1982	1x2m	1	S13 E10	shell	bead		1.4	0.8	0.6			1	com	olivella
2507	1982	1x2m	1	S18 W4	shell	bead		1.3	0.8	0.5			1		olivella
2508	1982	1x2m	S22/W8	60-70	shell	marine shell							1	frag	olivella
2509	1982	1x2m	S13/E12	surface	shell	marine shell							29		1 pectin frag 0.5g, burned
2510	1982	1x2m	S18/W8	50-60	shell	bead		1.3	0.8	0.6			1	com	olivella shell bead, excell
2511	1982	1x2m	S9/E10	50-60	shell	NA							1		manufactured shell
2512	1982	1x2m	S18/W4	10-20	shell	bead		1.4	0.8	0.8			1		olivella shell bead, tan, 46
2513	1982	1x2m	S18/W6	0-10	seeds	NA		1.0	0.7	0.4			1	com	br/tan
2514	1982	1x2m	S22/W6	0-10	seeds	NA		1.0	0.5	0.5			1		seed case or ?bark. dk bro
2515	1982	1x2m	S13/E10	40-50	shell	bead		0.5	0.5	0.2			1		cylinder cut olivella shell
2516	1982	1x2m	S15/E0	surface	shell	marine shell						2.8	9		2 pecten frags 0.9g, 1 wh
2517	1982	1x2m	S26/W12		other	other		0.5	0.4	0.5			1		resin, level 7
2518	1982	1x2m	S26/W4	50-60	shell	bead		0.6	0.6	0.1			2		olivella shell beads (disk),
2519	1981	1x2m	S22/W10	surface	shell	marine shell						0.1	1	com	donax
2520	1981	1x2m	S17/E14	surface	shell	NA						0.1	2		2 unknown frags
2521	1982	1x2m	S16/E10	surface	shell	marine shell						22.7	31		1 whole pecten 1.8g, 3 pe
2522	1982	Surface	s14/w6	surface	shell	NA						8.0	46	frag	
2523	1982	1x2m	S5/E6	50-60	shell	bead							3		olivella disc beads, L .4, .
2524	1982	1x2m	S18/W8	50-60	shell	bead		1.3	0.7	0.5			1		olivella shell bead
2525	1982	1x2m	S26/W4	50-60	shell	bead		1.3	0.7	0.6			1		olivella shell bead
2526	1982	1x2m	S26/W4	50-60	shell	bead							4		olivella disc beads, small
2527	1982	1x2m	S17/E10	40-50	shell	marine shell		0.9	0.6	0.3			1	frag	olivella fragment found in
2528	1982	1x2m	S26/W12	60-70	shell	bead		0.9	0.5	0.5			1		olivella shell bead, abrade
2529	1982	1x2m	S26/W4	50-60	shell	bead							7		olivella shell disc beads, s
2530	1982	1x2m	S18/W8	60-70	shell	bead		0.7	0.7	0.2			1		possible clam disc bead
2531	1982	1x2m	S26/W0	40-50	shell	bead		0.5	0.5	0.1			1		disc bead, shell type not s
2532	1982	1x2m	S18/W4	20-30	shell	bead		1.2	0.6	0.7			1		olivella shell bead, 42S,"1
2533	1982	1x2m	S26/W12	60-70	shell	marine shell		5.1	1.5	1.5			1	frag	turban fragment, W6, E10
2534	1982	1x2m	S26/W0	30-40	shell	bead		0.5	0.5	0.1			2		disc beads
2536	1982	1x2m	S26/W12	60-70	bone	NA		1.6	0.4	0.2			1		unknown vertebra

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2537	1982	1x2m	S9/E6	20-30	shell	bead							2		olivella shell disc beads,
2538	1982	1x2m	S13/E10	50-60	shell	bead		0.6	0.6	0.1			1		olivella shell disc bead
2539	1982	1x2m	S26/W4	50-60	shell	bead		1.5	0.9	0.7			1		olivella shell bead
2540	1982	1x2m	S26/W4	50-60	shell	bead							5		olivella shell disc beads, s
2541	1982	1x2m	S22/W0	50-60	shell	bead		1.4	0.8	0.8			1		olivella shell bead
2542	1982	1x2m	S22/W0	50-60	shell	bead		0.5	0.5	0.2			1	frag	olivella shell disc bead
2543	1982	1x2m	S9/E10	50-60	shell	bead		0.4	0.4	0.2			1		clam? mytilus barrel or cy
2544	1982	1x2m	S9/E6	20-30	glass	bead		0.3	0.3	0.1			1		modern historic, green gla
2545	1982	1x2m	S13/E10	40-50	shell	bead		0.4	0.4	0.1			1		shell disc bead, type not g
2546		1x2m	S18/W4	20-30	bone	NA		1.2	1.0	0.9			1		fawn's eruption tooth, 43
2547	1982	1x2m	S13/E8	10-20	glass	bead		0.3	0.2	0.3			1		modern historic gold glas
2548	1982	1x2m	S22/W0	30-40	shell	bead		1.4	0.8	0.7			1		olivella shell bead, 33S, 6
2549	1982	1x2m	S9/E10	50-60	shell	bead		1.1	0.6	0.6			1		olivella shell bead
2550	1982	1x2m	S17/E10	60-70	shell	marine shell		2.5	1.6	0.5			1		modified undatella shell,
2551	1982	1x2m	S26/W12	50-60	shell	bead		0.8	0.4	0.4			1		olivella shell bead
2552	1982	1x2m	S13/E10	40-50	shell	bead		0.5	0.5	0.3			1		clam shell cylinder bead
2553	1982	Surface	s23/w12		flakedstone	debitage						1.0	5	frag	1982-Only recorded date
2554	1982	Surface	s5/e4		flakedstone	debitage						4.0	3	frag	1982-Only recorded date
2555	1982	Surface	s17/e16		flakedstone	debitage	other					0.9	1	frag	milky quartz
2556	1982	Surface	s15/w8		flakedstone	debitage						5.6	8	frag	1982-Only recorded date
2557	1982	Surface	s24/w8		flakedstone	debitage						10.6	13	frag	1982-Only recorded date
2558	1981	Surface	S14/E14	surface	flakedstone	debitage						8.8	10	frag	Wt 8.77; Quartz crystal-1.
2559	1982	Surface	S7/E10		flakedstone	debitage						2.1	5	frag	1982-Only recorded date
2560	1982	Surface	s24/w0		flakedstone	debitage						3.4	8	frag	1982-Only recorded date
2561	1982	Surface	s19/w8		flakedstone	debitage						3.5	5	frag	1982-Only recorded date
2562	1982	Surface	s25/w8		flakedstone	debitage	other					0.2	1	frag	1982-Only recorded date
2563	1982	Surface	s16/w6		flakedstone	debitage	other					9.1	2	frag	1982-Only recorded date
2564	1982	1x2m	S10/E12	surface	flakedstone	debitage						51.2	11	frag	1982-Only recorded date
2566	1982	1x2m	S16/W8	surface	flakedstone	debitage						4.2	7	frag	1982-Only recorded date
2567	1982	1x2m	S17/W4	surface	flakedstone	debitage	quartz					0.3	1	frag	1982-Only recorded date
2568	1982	1x2m	S9/E2	surface	flakedstone	debitage						3.2	4	frag	1982-Only recorded date
2569	1982	1x2m	S21/W2	surface	flakedstone	debitage						3.4	8	frag	1982- Only recorded date
2570	1982	1x2m	S14/E2	surface	flakedstone	debitage						3.0	5	frag	1982-Only recorded date
2571	1982	1x2m	S14/W6	surface	flakedstone	debitage						1.4	6	frag	1982-Only recorded date
2572	1982	1x2m	S5/E10	surface	flakedstone	debitage						16.8	3	frag	1982-Only recorded date
2573	1982	1x2m	S25/W10	surface	flakedstone	debitage						1.5	5	frag	1982-Only recorded date
2574	1982	1x2m	S15/W0	surface	flakedstone	debitage						2.2	2	frag	1982-Only recorded date

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2575	1982	1x2m	S23/W2	surface	flakedstone	debitage						2.8	7	frag	1982-Only recorded date
2576	1982	1x2m	S13/E4	surface	flakedstone	debitage						24.9	5	frag	1982-Only recorded date
2577	1982	1x2m	S15/W6	surface	flakedstone	debitage						30.2	3	frag	1982-Only recorded date
2578	1982	1x2m	S15/E6	surface	flakedstone	debitage						7.9	4	frag	1982-Only recorded date
2579	1982	1x2m	S9/E10	40-50	flakedstone	core	basalt	4.8	4.3	1.4			1	frag	gray porphyritic
2580	1982	1x2m	S17/E10	80-90	charcoal	NA						28.0	9999		Sample sent to Beta Anal
2581	1982	1x2m	S13/E6	30-40	shell	bead		1.0	0.5	0.5			1		olivella shell bead
2582	1982	1x2m	S9/E8	0-10	shell	bead		1.6	1.0	0.9			1		chipped olivella shell bea
2583	1982	1x2m	S18/W4	30-40	shell	bead		1.4	0.7	0.7			1		olivella shell bead
2584	1982	1x2m	S17/E6	60-70	shell	bead		0.9	0.6	0.5			1		olivella shell bead, abrade
2585	1981	1x2m	S18/W0	0-10	shell	marine shell						7.4	25		Shells & shell frag.; Chio
2586	1981	1x2m	S13/E6	0-10	shell	marine shell						3.3	16		Shells & shell frag., Wt-3.
2587	1981	1x2m	S22/W8	0-10	shell	marine shell						0.1	1	frag	unidentified
2588	1981	1x2m	S17/E6	0-10	shell	marine shell						17.0	86		Shells & shell frag., Chio
2589	1981	1x2m	S14/W8	0-10	shell	marine shell						1.3	4	frag	Wt-1.34; Chione c-2 (.48
2590	1982	1x2m	S22/W12	surface	flakedstone	debitage	granitic					2.3	1	frag	1982-Only recorded date
2591	1982	1x2m	S9/E10	50-60	shell	bead		1.4	0.7	0.6			1		olivella shell bead, abrade
2592	1982	1x2m	S18/W0	60-70	shell	bead		0.7	0.6	0.2			1		clam shell disc bead, foun
2593	1982	1x2m	S13/E10	50-60	shell	bead							2		2 olivella shell disc beads
2594	1982	1x2m	S22/W8	50-60	shell	bead		0.4	0.4	0.1			1		olivella shell disc bead, w
2595	1982	1x2m	S22/W8	50-60	shell	bead		1.5	0.8	0.6			1	frag	possible manufactured be
2596	1982	1x2m	S14/W2	0-10	bone	NA		1.8	2.0	0.4			1	frag	cranium fragment
2597	1982	1x2m	S13/E2	surface	flakedstone	debitage						43.6	4	frag	1982-Only recorded date
2598	1982	1x2m	S24/W6	surface	flakedstone	debitage						0.3	2	frag	1982-Only recorded date
2599	1981	1x2m	S15/E0	surface	flakedstone	debitage						0.8	1	frag	Wt-.75, Milky quartz.
2600	1982	1x2m	S11/E2	surface	flakedstone	debitage						2.8	4	frag	1982-Only recorded date
2601	1982	1x2m	S18/W2	surface	flakedstone	debitage						0.8	1	frag	Andesite
2602	1981	1x2m	S11/E8	surface	flakedstone	debitage						25.1	21	frag	Wt-25.14; Quartzite-9.5,
2603	1982	1x2m	S9/E8	10-20	metal	nail/tack		1.1	0.5	0.2			1	frag	square nail fragment
2604	1982	1x2m	S9/E8	10-20	flakedstone	projectilept	basalt	1.9	1.6	0.4		1.3	1	frag	projectile point fragment-t
2605	1982	1x2m	S17/E14	50-60	flakedstone	projectilept	quartz	1.2	1.3	0.2		0.4	1	frag	projectile point fragment-
2606	1982	1x2m	S18/W0	80-90	shell	bead		0.3	0.6	0.3			1		olivella shell barrel bead
2607	1982	1x2m	S17/E14	50-60	flakedstone	debitage	obsidian	0.5	0.4	0.1			1	frag	micro flake
2608	1981	1x2m	S5/E6	0-10	shell	marine shell						11.9	53		Shells & shell frag., Dona
2610	1982	1x2m	S17/E14	50-60	flakedstone	debitage	obsidian						2	frag	
2611	1982	1x2m	S17/E14	50-60	flakedstone	debitage	obsidian	0.9	0.7	0.1			1	frag	obsidian flake
2612	1982	1x2m	S17/E8	20-30	other	ornament		2.2	2.2	0.5			1		Pendant? 1 each. S85, E

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2613	1982	1x2m	S17/E4	10-20	bone	NA		0.3	0.2	0.2			1		fish vertebra
2614	1982	1x2m	S9/E8	20-30	shell	bead		0.5	0.4	0.2			1	fragment/b	broken olivella shell cylin
2615	1982	1x2m	S9/E8	10-20	bone	hairpin		1.5	1.5	0.3			1	frag	polished bone frag., work
2616	1982	1x2m	S14/W0	20-30	pottery	pipe		1.2	0.7	0.3			1	frag	pipe frag.
2617	1982	1x2m	S17/E14	50-60	flakedstone	utilizedflake	other	2.0	1.4	0.3			1		pink-white banded agate
2619	1982	1x2m	S26/W2	10-20	flakedstone	scraper	basalt	4.2	3.3	1.0			1		
2620	1982	1x2m	S17/E14	50-60	flakedstone	utilizedflake	basalt	1.5	0.8	0.2			1	frag	
2621	1982	1x2m	S17/E14	50-60	flakedstone	utilizedflake	other	1.2	1.0	1.0			1		pink-gray banded agate.
2622	1982	1x2m	S9/E10	50-60	groundstone	mano	granitic	9.0	7.5	3.7			1		out of east wall-60cm D.,
2623	1982	1x2m	S17/E14	50-60	groundstone	mano	granitic	11.5	7.5	6.8			1		cobble
2624	1982	1x2m	S9/E8	0-10	metal	nail/tack		3.3	0.8	0.7			1	frag	square nail upper frag.
2625	1982	1x2m	S17/E6	0-10	bone	awl		1.7	0.7	0.5			1	frag	awl tip
2626	1982	1x2m	S13/E6	40-50	bone	NA		0.8	0.5	0.2			1		otolith, found in screen
2627	1982	1x2m	S17/E4	0-10	bone	NA		0.8	0.3	0.1			1	fragment/b	non-artifactual burnt bone
2628	1982	1x2m	S19/W12	surface	flakedstone	debitage						4.3	9	frag	1982-Only recorded date
2629	1981	1x2m	S21/W11	surface	flakedstone	debitage	quartz						4	frag	
2630	1982	1x2m	S17/W4	surface	flakedstone	debitage	basalt					0.1	1	frag	1982-Only recorded date
2631	1981	1x2m	S12/E12	surface	flakedstone	debitage	other					0.3	1	frag	Wt-.25; Andesite
2632	1981	1x2m	S15/E10	surface	flakedstone	debitage						7.2	14	frag	Wt-7.16; Milky quartz-1.
2633	1982	1x2m	S25/W6	surface	flakedstone	debitage						9.5	2	frag	1982-Only recorded date
2634	1982	1x2m	S19/W0	surface	flakedstone	debitage						2.6	9	frag	1982-Only recorded date
2635	1982	1x2m	S10/E6	surface	flakedstone	debitage						5.7	3	frag	1982-Only recorded date
2636	1982	1x2m	S14/E6	surface	flakedstone	debitage							9		3 andesite 32.69, 1 rhyolit
2637	1982	1x2m	S16/E10	surface	flakedstone	debitage						30.2	13		por felsite 11.35, milky q
2638	1981	1x2m	S17/E10	0-10	shell	marine shell							6		wieghed counted-no card
2639	1986	1x2m	S22/W0	0-10	shell	marine shell						4.0	12		1 chione{c} 0.4g, 4 chion
2640	1982	1x2m	S22/W2	10-20	bone	NA		0.3	0.3	0.3			1		fish vertebra
2641	1982	1x2m	S22/W2	10-20	bone	NA		0.5	0.5	0.5			1		snake vertebra
2643	1981	1x2m	S13/E14	0-10	shell	marine shell						15.4	18		Shells & shell frag., Wt-C
2644	1982	1x2m	S20/W6	surface	flakedstone	debitage						1.9	7	frag	Wt-1.93; Andesite-.30g,
2645	1982	1x2m	S9/E10	40-50	bone	NA		3.2	1.3	1.0			1	frag	polished bone, tan-gray
2646	1982	1x2m	S9/E10	40-50	bone	NA							178	frag	tan-gray
2647	1982	1x2m	S9/E10	40-50	bone	NA		4.8	0.7	0.5			1	frag	cut bone, possible bird bo
2648	1982	1x2m	S9/E12	surface	flakedstone	debitage	other					0.8	1	frag	1982-Only recorded date
2649	1982	1x2m	S20/W10	surface	flakedstone	debitage	varied					5.1	6	frag	1982-Only recorded date
2650	1982	1x2m	S22/W2	surface	flakedstone	debitage	other					0.2	1	frag	1982-Only recorded date
2651	1982	1x2m	S21/W2	surface	flakedstone	debitage	varied					18.4	7	frag	1982-Only recorded date

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2652	1982	1x2m	S26/W12	80-90	charcoal	NA						31.7	9999	frag	
2653		1x2m	S9/E10	40-50	flakedstone	debitage	basalt	0.5	0.4	0.1			1	frag	No dates recorded. Micro
2655	1982	1x2m	S9/E10	40-50	pottery	TizonBrown							13	frag	
2656	1982	1x2m	S13/E10	0-10	pottery	TizonBrown		3.8	3.3	0.6			1	frag	Pottery sherd w/ possible
2657	1982	1x2m	S9/E10	40-50	bone	NA							211	frag	
2658	1982	1x2m	S13/E10	30-40	flakedstone	projectilept	quartz	1.2	1.2	0.4			1	frag	Concone base frag.
2659	1982	1x2m	S13/E10	30-40	flakedstone	projectilept	quartz	0.8	0.9	0.3			1	frag	Projectile point blank cent
2660	1982	1x2m	S9/E10	90-100	bone	NA							162	frag	
2661	1982	1x2m	S9/E10	90-100	flakedstone	scraper	basalt	4.2	3.2	0.7			1		dark gray
2662	1982	1x2m	S9/E10	90-100	bone	NA							2	frag	Cranial frag., possible hu
2663	1982	1x2m	S9/E10	90-100	pottery	TizonBrown							2	frag	Red/brown sherds.
2664	1982	1x2m	S14/E2	0-10	pottery	TizonBrown							3	frag	
2665	1981	1x2m	S14/W4	10-20	shell	marine shell						26.4	74		Shells & shell frag., Wt-C
2666	1982	1x2m	S14/E2	0-10	bone	NA							47	frag	
2667	1982	1x2m	S17/E12	10-20	flakedstone	debitage	other	4.3	4.2	0.7			1	frag	Altered & beveled slate fr
2668	1981	1x2m	S9/E10	30-40	bone	NA		0.5	0.3	0.3			1		fish vertebra
2669	1982	1x2m	S17/E12	10-20	bone	awl		2.2	1.0	0.5			1	frag	bone awl tip frag., dark gr
2670	1982	1x2m	S17/E12	10-20	flakedstone	projectilept	quartz	2.0	1.3	0.5			1	frag	projectile point base frag.
2671	1982	1x2m	S17/E12	10-20	metal	nail/tack		1.6	0.5	0.5			1	frag	rusty square nail frag.
2672	1982	1x2m	S17/E12	10-20	shell	bead		0.9	0.6	0.6			1		olivella shell bead, flat to
2673	1982	1x2m	S9/E10	50-60	flakedstone	scraper	basalt	5.6	3.8	1.6			1		1982-Only recorded date
2674	1982	1x2m	S9/E10	50-60	flakedstone	utilizedflake	jasper	3.6	1.8	0.4			1		1982-Only recorded date
2675	1982	1x2m	S9/E10	50-60	flakedstone	scraper	basalt	3.8	2.5	1.4			1		1982-Only recorded date
2676	1982	1x2m	S9/E10	50-60	flakedstone	utilizedflake	basalt	1.3	1.2	0.1			1		1982-Only recorded date
2677	1982	1x2m	S9/E10	50-60	flakedstone	core	granitic	5.5	4.8	1.4			1	frag	1982-Only recorded date
2678	1986	1x2m	S22/W4	10-20	shell	marine shell						7.0	2	frag	1986-Only recorded date
2679	1982	1x2m	S9/E10	50-60	flakedstone	debitage	basalt	4.6	3.8	0.8			1		1982-Only recorded date
2680	1982	1x2m	S14/E2	20-30	shell	marine shell		4.3	3.8	0.3			1		Chione c w/ man-made ho
2681	1982	1x2m	S18/W0	20-30	bone	awl		1.4	0.2	0.2			1		1982-Only recorded date
2682	1982	1x2m	S9/E10	70-80	pottery	TizonBrown							11	frag	Sherds.
2683	1982	1x2m	S9/E10	70-80	bone	NA							563	frag	Bone frag., large deer ank
2684	1982	1x2m	S9/E10	70-80	flakedstone	utilizedflake	chert	3.0	1.7	0.1			1		Pink-gray banded chert.
2685	1982	1x2m	S9/E10	70-80	groundstone	metate	granitic	9.5	6.0	3.5			1	frag	
2686	1982	1x2m	S9/E10	70-80	flakedstone	debitage	quartz	0.7	0.5	0.1			1		Micro-flake.
2687	1982	1x2m	S9/E10	70-80	flakedstone	knife	quartz	1.0	0.5	0.2			1	frag	Blade flake tip frag.
2688	1982	1x2m	S9/E10	70-80	flakedstone	chopper	basalt	10.5	7.0	3.0			1		Fire-ash residue on it, left
2689	1981	1x2m	S17/E6	10-20	shell	marine shell						71.4	32		Wt; Chione c-9 (6g), Chi

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2691	1982	1x2m	S18/W0	40-50	bone	NA		0.7	1.4	0.9			1		1982-Only recorded date
2692	1982	1x2m	S9/E8	10-20	flakedstone	debitage	obsidian	2.0	1.4	0.6		1.3	1		phenocrysts present
2693	1982	1x2m	S18/W2	10-20	flakedstone	utilizedflake	obsidian	2.1	1.5	0.4			1	frag	blade flake fragment, 47E
2694	1982	1x2m	S9/E10	80-90	charcoal	NA						31.0	9999		
2695	1982	1x2m	S9/E10	90-100	charcoal	NA						15.8	9999		
2696	1982	1x2m	S9/E10	100-110	charcoal	NA						1.7	9999		
2697	1982	1x2m	S9/E10	80-90	pottery	TizonBrown		1.5	1.1	0.5			1	frag	rim sherd
2698	1982	1x2m	S9/E10	80-90	pottery	TizonBrown							3	frag	
2699	1982	1x2m	S9/E10	80-90	bone	NA							480	frag	
2700	1982	1x2m	S9/E10	80-90	flakedstone	utilizedflake	basalt	3.3	2.2	0.2			1		
2701	1982	1x2m	S9/E10	80-90	flakedstone	debitage	basalt	2.8	1.2	0.2			1		blade flake
2702	1982	1x2m	S14/E2	20-30	groundstone	metate	basalt	5.5	5.0	3.9			1	frag	
2703	1982	1x2m	S26/W12	70-80	bone	NA							867	frag	
2704	1982	1x2m	S26/W8	80-90	bone	NA							36	frag	
2705	1982	1x2m	S26/W12	70-80	bone	NA							313	frag	
2706	1982	1x2m	S26/W8	70-80	bone	NA							71	frag	
2707	1982	1x2m	S26/W8	60-70	bone	NA							2	frag	
2708	1982	1x2m	S26/W8	60-70	pottery	TizonBrown							12	frag	
2709	1982	1x2m	S26/W4	50-60	pottery	TizonBrown							26		5.7cmX3.7cmX0.6cm
2710	1982	1x2m	S26/W0	30-40	bone	NA							40	frag	16 burned
2711	1982	1x2m	S22/W8	50-60	bone	NA		0.6	0.6	0.6			1		Fish vertebra, barrel-shap
2712	1982	1x2m	S22/W8	60-70	bone	NA							1379	frag	
2713	1982	1x2m	S26/W12	90-100	bone	NA							3	frag	Small.
2714	1982	1x2m	S26/W12	80-90	bone	NA							82	frag	
2715	1982	1x2m	S26/W4	40-50	bone	NA							542	frag	130 burned. Many are co
2716	1982	1x2m	S26/W12	50-60	pottery	TizonBrown							6	frag	
2717	1982	1x2m	S22/W4	80-90	bone	NA							19	frag	1982-Only recorded date
2718	1982	1x2m	S26/W12	50-60	seeds	NA		0.3			0.8		1		L-.27cm, D-.75cm. Acor
2719	1982	1x2m	S26/W8	90-100	flakedstone	utilizedflake	other	2.5	2.3	0.3			1		1982-Only recorded date
2720	1982	1x2m	S22/W0	70-80	bone	NA							208	frag	
2721	1982	1x2m	S22/W4	80-90	pottery	TizonBrown		4.5	3.0	0.5			1	frag	1982-Only recorded date
2722	1982	1x2m	S22/W8	50-60	pottery	TizonBrown							50	frag	
2723	1982	1x2m	S26/W8	90-100	bone	NA							4	frag	
2724	1982	1x2m	S26/W8	80-90	pottery	TizonBrown		2.2	1.2	0.3			1	frag	
2725	1982	1x2m	S26/W0	30-40	pottery	TizonBrown							2	frag	Sherd A 2.1X1.8X.3
2726	1982	1x2m	S22/W0	60-70	pottery	TizonBrown		2.4	2.2	2.4			1	frag	Black residue on one side.
2727	1982	1x2m	S26/W12	70-80	bone	NA							3		3 snake vertebraes

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2728	1982	1x2m	S26/W8	70-80	pottery	TizonBrown							8	frag	
2729	1982	1x2m	S26/W8	60-70	bone	NA							72	frag	Non-artifactual bone frag.
2730	1982	1x2m	S26/W12	50-60	groundstone	mano	granitic	8.9	5.0	4.0			1	frag	
2731	1982	1x2m	S26/W12	50-60	pottery	TizonBrown							2	frag	2.9X2.3X.4
2732	1982	1x2m	S26/W12	80-90	groundstone	mano	granitic	9.7	8.1	4.5			1	com	Light tan.
2733	1982	1x2m	S22/W8	50-60	flakedstone	debitage	quartz	2.8	2.0	1.8			1	frag	White.
2734	1982	1x2m	S26/W12	70-80	pottery	TizonBrown							9	frag	2.8X5.9X.5
2735	1982	1x2m	S22/W8	50-60	bone	NA							1862	frag	
2736	1982	1x2m	S26/W12	70-80	flakedstone	utilizedflake		2.2	1.1	0.3			1		Gray, rhomboidal shape
2737	1982	1x2m	S22/W0	80-90	other	other	schist	1.8	0.7	0.5			1	frag	Schist fragment.
2738	1982	1x2m	S22/W0	70-80	metal	nail/tack		2.4	0.2	0.2			1		Rusty, square nail.
2739	1981	1x2m	S5/E6	10-20	shell	marine shell						151.4	522		Shell & shell frag.; Donax
2740	1982	1x2m	S22/W0	60-70	bone	NA							124	frag	8 burned.
2741	1982	1x2m	S26/W12	50-60	bone	NA							212	frag	
2742	1982	1x2m	S26/W12	60-70	pottery	TizonBrown							14	frag	Largest L-4.4, W-3.9, T-.
2743	1982	1x2m	S22/W0	30-40	pottery	TizonBrown							10	frag	Largest L-4.8, W-3.0, T-.
2744	1982	1x2m	S22/W0	40-50	bone	NA							101	frag	
2745	1982	1x2m	S22/W0	60-70	pottery	TizonBrown							5	frag	Largest L-3.5, W-3.5, T-.
2746	1982	1x2m	S26/W12	80-90	groundstone	mano	granitic	9.4	2.6	4.0			1	frag	Light tan
2747	1982	1x2m	S26/W12	50-60	bone	NA							14	frag	
2748	1982	1x2m	S26/W12	70-80	flakedstone	debitage	other	5.4	0.5	0.1			1		Felsite micro-chip.
2749	1982	1x2m	S18/W8	80-90	bone	NA							121	frag	
2750	1982	1x2m	S18/W8	60-70	flakedstone	chopper	basalt	6.5	8.3	4.2			1	com	Possible chopper, possibl
2751	1985	1x2m	S13/E10	10-20	shell	marine shell							50	frag	1985-Only recorded date
2753	1982	1x2m	S26/W12	70-80	flakedstone	debitage	quartz	0.7	0.5	0.1			1		Micro-flake, rhomboidal s
2754	1982	1x2m	S18/W8	80-90	pottery	TizonBrown							14	frag	Smallest L-0.9, W-0.8, T-
2755	1982	1x2m	S26/W4	40-50	bone	NA		0.6	0.3	0.3			1		vertebra
2756	1982	1x2m	S18/W8	30-40	pottery	NA							4	frag	
2757	1982	1x2m	S26/W12	70-80	other	other		3.9	3.5	3.0			1	frag	Water worn cobble, tan.
2758	1982	1x2m	S22/W0	70-80	pottery	TizonBrown							6	frag	Largest-2.1X1.2X0.5
2760	1982	1x2m	S22/W0	30-40	bone	NA							118	frag	
2761	1982	1x2m	S18/W8	30-40	bone	NA							5	frag	
2762	1982	1x2m	S22/W0	60-70	pottery	NA		1.4	0.6	0.3			1	frag	rim sherd
2763	1981	1x2m	S22/W4	60-70	bone	NA		1.0	0.7	0.8			1		snake vertebra burned
2764	1982	1x2m	S9/E8	10-20	flakedstone	projectilept	quartz	1.2	0.7	0.3		0.3	1	frag	projectile point tip frag.
2765	1982	1x2m	S17/E10	10-20	shell	marine shell						0.5	2	frag	Chiton frag.-1 (.4g), Crep
2766	1982	1x2m	S14/W2	surface	flakedstone	projectilept	other	2.1	1.7	0.3		1.7	1	frag	Andesite/Basalt projectile

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2767	1982	1x2m	S22/W4	70-80	bone	NA							2		2 Snake vertebrae- Small
2768	1982	1x2m	S14/W2	20-30	flakedstone	projectilept	quartz	1.5	1.1	0.3		0.7	1	frag	
2769	1982	1x2m	S18/W2	10-20	flakedstone	biface	basalt					1.1	1		Point blank. 90cm E, 27c
2770	1982	1x2m	S18/W2	10-20	flakedstone	projectilept	other	4.0	2.2	0.7		5.4	1	com	Rhyolite-red/pink/tan.
2771	1982	1x2m	S22/W2	10-20	flakedstone	projectilept	quartz	2.1	1.8	0.4		1.5	1	frag	
2772	1982	1x2m	S16/E16	surface	flakedstone	projectilept	quartz	1.7	1.1	0.3		0.7	1	com	Surface find offsite-N 54c
2773	1982	1x2m	S17/E10	80-90	flakedstone	projectilept	other	2.5	2.3	0.4			1	com	Rose quartz-white/red. S
2774	1982	1x2m	S14/W8	20-30	flakedstone	projectilept	quartz	2.3	0.9	0.3		0.6	1	frag	
2775	1982	1x2m	S9/E8	10-20	flakedstone	projectilept	basalt	1.3	0.6	0.2			1	frag	projectile point tip frag.
2776	1982	1x2m	S9/E8	10-20	flakedstone	projectilept	chalcedony	1.7	1.7	0.3		0.7	1	frag	projectile point base frag.
2777	1982	1x2m	S14/W0	20-30	flakedstone	projectilept	chalcedony	2.0	1.0	0.5		1.1	1	frag	projectile point base frag.
2778	1982	1x2m	S14/E2	20-30	flakedstone	projectilept	quartz	1.1	1.2	0.3		0.6	1	frag	
2779		1x2m	S17/E4	10-20	flakedstone	projectilept	basalt	1.6	0.9	0.2		0.4	1	com	No date given.
2780	1982	1x2m	S14/W0	30-40	flakedstone	projectilept	quartz	2.5	1.1	0.6			1	com	
2781	1982	1x2m	S14/W4	30-40	charcoal	NA						10.5	999		From pit wall 20-30cm &
2782	1982	1x2m	S9/E10	40-50	flakedstone	utilizedflake	chalcedony	1.2	1.2	0.1			1	com	gray.
2784	1981	1x2m	S9/E6	10-20	shell	marine shell						0.7	3		Shell & shell frag.; Chito
2785	1981	1x2m	S26/W12	10-20	shell	marine shell						10.8	17		Shell & shell frag.; Chion
2786	1990	1x2m	S22/W0	10-20	shell	bead							1	frag	1990-Only recorded date
2787	1982	1x2m	S26/W12	50-60	bone	NA		0.7	0.8	0.4			1	frag	Fish vertebra frag., unbur
2788	1982	1x2m	S17/E4	10-20	pottery	TizonBrown		3.5	3.3	0.5			1	frag	Broken at weak point, sho
2789	1982	1x2m	S9/E10	80-90	seeds	NA		0.5	0.5	0.2			1		Charred.
2790	1982	1x2m	S26/W12	70-80	bone	NA							3	frag	Fish vertebrae frag., L-.9,
2791	1981	1x2m	S26/W4	20-30	pottery	TizonBrown		0.9	1.3	0.5			1	frag	Rim sherd.
2792	1982	1x2m	S9/E10	80-90	flakedstone	scraper	basalt	3.0	2.8	0.6			1		Dark gray w/ light & dark
2793	1982	1x2m	S9/E10	80-90	flakedstone	core	basalt	12.0	7.6	6.0			1		
2794	1982	1x2m	S9/E10	80-90	bone	NA		1.9	1.0	0.4			1		Cranium.
2795	1982	1x2m	S22/W0	10-20	shell	bead						0.1	1	frag	Olivella shell disc bead li
2796	1982	1x2m	S9/E10	40-50	flakedstone	debitage	basalt	0.8	0.6	0.1			1		Micro-flake.
2797	1982	1x2m	S9/E10	40-50	flakedstone	debitage	chert	0.8	0.5	0.1			1		Micro-flake, red/tan.
2798	1982	1x2m	S9/E10	40-50	flakedstone	scraper	other	3.2	1.8	0.6			1		End-side scraper. Felsite-
2799	1982	1x2m	S9/E10	40-50	flakedstone	debitage	quartzite	4.5	2.2	1.5			1		gray/rust.
2800	1982	1x2m	S9/E10	40-50	flakedstone	core	quartzite	3.7	3.2	2.1			1	frag	red/gray.
2801	1982	1x2m	S9/E10	40-50	flakedstone	debitage	other	4.2	1.6	1.2			1		Andesite.
2802	1982	1x2m	S9/E10	40-50	flakedstone	debitage	other	2.7	2.0	1.0			1		Tan/green.
2803	1982	1x2m	S26/W12	80-90	pottery	TizonBrown							3	frag	
2804	1982	1x2m	S9/E10	40-50	flakedstone	debitage	basalt	7.8	4.6	1.7			1		1982-Only recorded date

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2805	1982	1x2m	S9/E10	50-60	pottery	TizonBrown		2.5	2.2	0.6			1	frag	Rim sherd.
2806	1982	1x2m	S9/E10	50-60	flakedstone	scraper	basalt	4.3	4.0	0.5			1		
2807	1982	1x2m	S9/E10	50-60	pottery	TizonBrown		5.6	4.2	0.5			1	frag	Altered pottery sherd.
2808	1982	1x2m	S13/E8	10-20	flakedstone	projectilept	basalt	1.6	1.0	0.3		0.9	1	frag	
2809	1982	1x2m	S18/W2	0-10	flakedstone	projectilept	basalt	2.0	1.7	0.2		1.5	1	frag	88cm E, 15cm N, 9cm de
2810	1982	1x2m	S14/W2	20-30	flakedstone	projectilept	quartz	2.0	0.8	0.3		0.7	1	frag	
2811	1982	1x2m	S14/E2	10-20	flakedstone	projectilept	quartz	2.0	0.8	0.2		0.5	1	frag	
2812	1982	1x2m	S18/W0	80-90	flakedstone	projectilept	quartz	1.2	0.7	0.3		0.3	1	frag	
2813	1982	1x2m	S14/E2	10-20	flakedstone	projectilept	basalt	1.5	1.2	0.2		0.4	1	frag	projectile point base frag.
2814	1982	1x2m	S13/E8	0-10	flakedstone	projectilept	basalt	1.2	0.9	0.3		0.5	1	frag	
2815	1982	1x2m	S14/W2	10-20	flakedstone	projectilept	other	1.8	1.1	0.4		0.9	1	com	Felsite-green.
2816	1982	1x2m	S9/E10	60-70	groundstone	mano	granitic	9.2	8.7	4.7			1	frag	Fire-altered.
2817	1982	1x2m	S9/E10	60-70	flakedstone	core	basalt	6.3	2.6	2.8			1	com	
2818	1982	1x2m	S14/W4	30-40	flakedstone	utilizedflake	other	3.9	2.6	0.8			1	com	Felsite-light green/tan.
2819	1982	1x2m	S9/E10	40-50	bone	NA		1.1	0.9	0.8			1	com	1982-Only recorded date
2820	1982	1x2m	S14/W2	10-20	flakedstone	projectilept	quartz	1.5	1.2	0.3		0.6	1	frag	White point base frag.
2821	1982	1x2m	S18/W6	30-40	other	NA		1.2	0.8	1.0			1		An iron oxide paint nodul
2822	1982	1x2m	S18/W6	30-40	flakedstone	debitage	other	2.4	1.3	0.2			1		Rhyolite-red/gray. Possib
2823	1982	1x2m	S14/W4	30-40	flakedstone	scraper	basalt	4.2	3.0	1.3			1	com	
2824	1982	1x2m	S14/W4	30-40	bone	NA							84	frag	
2825	1982	1x2m	S14/W4	30-40	shell	bead		1.5	0.9	0.8			1	com	OLIVELLA SHELL BEA
2826	1982	1x2m	S14/W4	30-40	pottery	TizonBrown							8	frag	
2827	1982	1x2m	S9/E10	40-50	bone	NA		0.7	0.5	0.5			1		FISH VERT. FRAG.
2828	1982	1x2m	S14/W4	30-40	pottery	TizonBrown		1.1	1.0	0.3			1		PIPE RIM FRAGMENT
2829	1982	1x2m	S9/E6	20-30	bone	NA							60		
2830	1982	1x2m	S9/E6	20-30	pottery	TizonBrown							4		POTTERY SHERDS
2831	1982	Surface	ROAD C	surface	bone	NA		1.3	0.7	0.4			1		Human tooth. "Found ne
2832	1982	1x2m	S26/W4	60-70	bone	NA		2.7	0.7	0.5			1		Incisor tooth-deer?
2833	1982	1x2m	S14/E2	10-20	flakedstone	debitage	obsidian						3		Obsidian chipping waste
2834	1982	1x2m	S18/W4	10-20	bone	NA		1.8	1.0	0.7			1		Snake vertebra
2835	1982	1x2m	S9/E10	50-60	charcoal	NA						115.8	9999		
2836	1982	1x2m	S9/E10	40-50	charcoal	NA						71.8	9999		
2837	1982	1x2m	S9/E10	70-80	charcoal	NA						53.4	9999		
2838	1982	1x2m	S9/E10	60-70	bone	NA							52		
2839	1982	1x2m	S9/E10	60-70	pottery	TizonBrown		2.8	2.3	0.3			1		pottery sherd
2840	1982	1x2m	S9/E10	60-70	charcoal	NA						8.7	9999		note: see 3617
2841	1982	1x2m	S22/W4	80-90	charcoal	NA						8.7	9999		note: see 4028

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2842	1982	1x2m	S9/E6	20-30	charcoal	NA						3.2	9999		see 4343-4858
2843	1982	1x2m	S26/W12	50-60	charcoal	NA						34.1	9999		
2844	1982	1x2m	S26/W12	60-70	charcoal	NA						210.3	9999		
2845	1982	1x2m	S26/W12	70-80	charcoal	NA						97.8	9999		
2846	1982	1x2m	S26/W12	70-80	flakedstone	core		4.3	2.8	1.8			1		HEAVY PATINATION
2847	1982	1x2m	S26/W12	70-80	bone	NA		0.3	0.1	0.1			1		FISH VERTEBRA
2848	1982	1x2m	S26/W12	70-80	flakedstone	utilizedflake	other	1.3	1.1	0.1			1		
2849	1982	1x2m	S26/W12	90-100	bone	NA							20		
2850	1982	1x2m	S26/W12	90-100	charcoal	NA						22.5	9999		
2851	1982	1x2m	S26/W12	90-100	flakedstone	debitage	basalt	0.6	0.5	0.1			1		MICRO-FLAKE
2852	1982	1x2m	S26/W12	90-100	flakedstone	core	other	7.3	5.1	1.7			1		porphyritic felsite core fra
2853	1982	1x2m	S26/W12	90-100	flakedstone	scraper		6.7	4.3	0.8			1		
2854	1982	1x2m	S5/E6	30-40	charcoal	NA							9999		Charcoal from different le
2855	1982	1x2m	S5/E6	30-40	pottery	TizonBrown							1		north wall
2856	1982	1x2m	S5/E6	30-40	bone	NA		2.3	1.2	0.3			1		cut and polished bone
2857	1982	1x2m	S5/E6	30-40	flakedstone	utilizedflake	basalt	1.5	1.2	0.1			1		
2858	1982	1x2m	S5/E6	30-40	flakedstone	NA	other	0.9	0.6	0.1			1		felsite micro-flake
2859	1982	1x2m	S5/E6	30-40	flakedstone	NA	basalt	0.5	0.4	0.1			1		micro-flake
2860	1982	1x2m	S5/E6	30-40	bone	NA		0.4	0.4	0.3			1		snake vertebra:
2861	1982	1x2m	S5/E6	40-50	bone	NA		1.2	0.5	0.5			1		butchered bone frag
2862	1982	1x2m	S17/E6	30-40	flakedstone	core	basalt	3.5	3.0	2.5			1		core fragment
2863	1981	1x2m	S17/E10	10-20	shell	NA		0.7	0.5	0.1		0.4	1		Olivella manufacture cut;
2864	1982	1x2m	S5/E6	50-60	charcoal	NA						151.4	9999		
2865	1982	1x2m	S17/E6	30-40	charcoal	NA						47.7	9999		
2866	1982	1x2m	S17/E6	30-40	flakedstone	projectilept	quartz	1.4	1.6	0.4		1.1	1		Projectile point base
2867	1982	1x2m	S5/E6	50-60	bone	NA		2.8	1.6	0.4			1		Possible cranium fragmen
2868	1982	1x2m	S17/E6	30-40	flakedstone	core		4.6	4.4	3.4			1		
2869	1982	1x2m	S5/E6	50-60	bone	NA		1.2	0.9	1.0			1		Possible cranium fragmen
2870	1982	1x2m	S17/E6	30-40	flakedstone	scraper	basalt	4.8	4.4	1.6			1		
2871	1982	1x2m	S17/E6	30-40	flakedstone	core	basalt	4.8	4.0	1.8			1		core fragment
2872	1982	1x2m	S17/E6	30-40	flakedstone	debitage	quartz	4.7	2.6	1.9			1		
2873	1982	1x2m	S17/E6	30-40	flakedstone	utilizedflake	chert	1.1	0.9	0.1			1		
2874	1982	1x2m	S17/E6	30-40	flakedstone	knife	quartz	1.2	0.5	0.1			1		Blade flake fragment
2875	1982	1x2m	S17/E6	30-40	flakedstone	utilizedflake	basalt	1.7	0.6	0.2			1		
2876	1982	1x2m	S17/E6	30-40	flakedstone	utilizedflake	MVaphanitic	2.2	1.7	0.2			1		
2877	1982	1x2m	S17/E6	30-40	flakedstone	utilizedflake	basalt	2.2	1.4	0.1			1		
2878	1982	1x2m	S17/E6	30-40	flakedstone	utilizedflake	other	2.3	1.8	0.3			1		material: "volcanic"

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2879	1982	1x2m	S17/E6	30-40	flakedstone	utilizedflake	chert	1.9	1.3	0.2			1		
2880	1982	1x2m	S26/W4	60-70	shell	bead							160		Removed from ash depsit
2881	1982	1x2m	S17/E6	30-40	flakedstone	utilizedflake	basalt	1.9	1.8	0.4			1		
2882	1982	1x2m	S17/E6	30-40	flakedstone	knife	basalt	1.0	0.4	0.1			1		BLADE FLAKE
2883	1982	1x2m	S17/E6	30-40	other	NA	sandstone	4.3	1.7	1.6			1		Broken sandstone nodule
2884	1982	1x2m	S17/E6	30-40	other	NA	other					3.6	9999		Clay nodules
2885	1982	1x2m	S16/E6	30-40	shell	NA		1.0	0.9	0.2			1		Abalone fragment
2886	1982	1x2m	S26/W4	60-70	flakedstone	debitage	basalt						5		
2887	1982	1x2m	S26/W4	60-70	bone	NA							241		Burned bone-tiny fragme
2888	1982	1x2m	S26/W4	60-70	shell	NA							1		
2889	1982	1x2m	S26/W4	60-70	shell	bead							4		
2890	1982	1x2m	S26/W4	60-70	bone	NA							3		Burned bone fragments.
2891	1982	1x2m	S26/W4	60-70	other	NA							1		Fused material-metallic?
2892	1982	1x2m	S26/W4	60-70	charcoal	NA							9999		See 3356, 3618
2893	1982	1x2m	S26/W4	60-70	shell	bead							35		Disk beads.
2894	1982	1x2m	S26/W4	60-70	bone	NA							14		
2895	1982	1x2m	S26/W4	60-70	bone	NA							14		Burned fragments.
2896	1982	1x2m	S26/W4	60-70	bone	NA							9		Ash deposit in SE corner
2897	1982	1x2m	S26/W4	60-70	shell	bead							140		134 whole, 5.5 half beads
2898	1982	1x2m	S26/W4	60-70	glass	bead		0.3	0.3	0.3			1		
2899	1981	1x2m	S17/E6	40-50	charcoal	NA						32.5	9999		
2900	1982	1x2m	S5/E6	50-60	bone	NA							16		Level: surface V
2901	1982	1x2m	S5/E6	50-60	flakedstone	core		6.2	5.8	1.9			1		Level: Surface V
2902	1982	1x2m	S5/E6	50-60	pottery	TizonBrown		0.8	0.6	0.4			1		Level: Surface V
2903	1982	1x2m	S5/E6	50-60	pottery	TizonBrown		1.6	1.3	0.6			1		Level: Surface V
2904	1982	1x2m	S5/E6	50-60	charcoal	NA						10.2	9999		See 1189, 2905
2905	1982	1x2m	S5/E6	40-50	charcoal	NA						76.3	9999		see 1189, 2904
2906	1982	1x2m	S5/E6	40-50	pottery	TizonBrown		6.3	4.7	0.7			1		
2907	1982	1x2m	S5/E6	40-50	bone	NA							478		
2908	1982	1x2m	S5/E6	40-50	bone	NA		2.1	0.9	0.5			1		
2909	1982	1x2m	S5/E6	40-50	flakedstone	core	basalt	7.5	3.2	3.0			1		
2910	1982	1x2m	S5/E6	40-50	pottery	TizonBrown							10		
2911	1982	1x2m	S5/E6	40-50	flakedstone	utilizedflake	MVaphanitic	2.6	1.5	0.3			1		
2912	1982	1x2m	S5/E6	40-50	flakedstone	utilizedflake	other	1.3	1.0	0.1			1		Rhyolite utilized flake
2913	1982	1x2m	S5/E6	40-50	flakedstone	utilizedflake	basalt	1.2	1.1	0.1			1		
2914	1982	1x2m	S5/E6	40-50	flakedstone	utilizedflake	basalt	1.5	0.9	0.1			1		
2915	1982	1x2m	S5/E6	40-50	bone	NA		1.9	1.4	0.5			1		CRANIUM FRAG

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
2916	1982	1x2m	S5/E6	40-50	bone	NA		1.4	1.5	0.4			1		
2917	1982	1x2m	S5/E6	30-40	bone	NA		1.8	1.2				1		CRANIUM FRAG
2918	1982	1x2m	S5/E6	30-40	bone	NA		1.1	0.7	0.2			1		CRANIUM FRAG
2919	1982	1x2m	S5/E6	50-60	charcoal	NA							9999		Charcoal from clay or ash
2920	1982	1x2m	S5/E6	50-60	bone	NA							57		Bone fragments from clay
2921	1982	1x2m	S5/E6	50-60	pottery	NA		1.5	1.3	0.5			1		Pottery fragment from ash
2922	1982	1x2m	S5/E6	50-60	bone	NA							1158		
2923	1982	1x2m	S5/E6	50-60	flakedstone	debitage	basalt	6.7	4.8	1.1			1		Large Flake
2924	1982	1x2m	S5/E6	50-60	flakedstone	knife	quartz	5.0	2.5	0.7		12.4	1		Possible knife blank
2925	1982	1x2m	S5/E6	50-60	flakedstone	knife		2.1	1.2	0.2			1		Blade flake fragment
2926	1982	1x2m	S5/E6	50-60	flakedstone	utilizedflake	chalcedony	1.8	1.5	0.7			1		
2927	1982	1x2m	S5/E6	50-60	flakedstone	utilizedflake	basalt	1.9	0.6	0.1			1		
2930	1982	1x2m	S5/E6	50-60	flakedstone	utilizedflake	chalcedony	1.5	1.4	0.1			1		
2934	1982	1x2m	S17/E6	40-50	flakedstone	knife	quartzite	3.8	2.1	1.2		9.4	1		
2935	1982	1x2m	S17/E6	40-50	bone	NA							364		
2937	1982	1x2m	S17/E6	40-50	flakedstone	core	basalt	5.8	3.5	2.5			1		
2938	1981	1x2m	S22/W0	10-20	shell	marine shell						0.2	1		Chione Californiensis
2939	1982	1x2m	S17/E4	10-20	shell	marine shell						0.4	1		chiton
2940	1981	1x2m	S17/E14	10-20	shell	NA						3.4	1		MODIFIED
2941	1981	1x2m	S14/E2	10-20	shell	marine shell						0.7	3		Chiton
2943	1982	1x2m	S17/E6	40-50	pottery	NA		2.8	1.7	0.3			1		Desert Butt
2944	1982	1x2m	S18/W4	10-20	pottery	TizonBrown							52		sherds
2945	1982	1x2m	S17/E6	40-50	pottery	TizonBrown							15		sherds
2946	1982	1x2m	S17/E6	40-50	flakedstone	scraper	basalt	3.8	2.8	0.7			1	com	Drk. Gray, Red
2947	1982	1x2m	S18/W4	10-20	flakedstone	debitage	other						4		Gey, Pink
2948	1982	1x2m	S17/E6	40-50	flakedstone	knife		2.1	1.0	0.2			1		Drak Grey
2949	1982	1x2m	S17/E6	40-50	flakedstone	utilizedflake	basalt	2.0	1.7	0.2			1		drk. Gray
2950	1982	1x2m	S18/W4	10-20	bone	NA							586		
2951	1982	1x2m	S17/E9	40-50	flakedstone	utilizedflake		2.2	2.0	1.0			1		Drk, Gray
2952	1982	1x2m	S18/W4	10-20	shell	marine shell						22.5	64		tan, chione, pectin, donax
2953	1982	1x2m	S17/E6	40-50	flakedstone	utilizedflake	basalt	2.0	1.4	0.1			1		Drk. Grey
2954	1982	1x2m	S18/W4	10-20	charcoal	NA		0.0	0.0	0.0	0.0	50.8	0		
2955	1982	1x2m	S18/W4	20-30	bone	NA							1086		frag.
2959	1982	1x2m	S17/E6	40-50	flakedstone	scraper	basalt	4.5	2.0	1.3			1		made from cobble cortex
2960	1982	1x2m	S17/E6	40-50	flakedstone	utilizedflake	jasper	2.5	2.0	0.4			1		Brown, red
2961	1982	1x2m	S17/E6	40-50	flakedstone	utilizedflake	basalt	2.4	2.5	0.2			1		Dk.gray
2962	1982	1x2m	S17/E6	40-50	flakedstone	debitage	other	2.0	1.3	0.2			1		tan, pink, gray

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2963	1982	1x2m	S17/E6	40-50	flakedstone	debitage	obsidian	0.7	0.7	0.3			1		
2964	1982	1x2m	S17/E6	40-50	shell	marine shell		2.8	2.5	0.2			1		modified chione shell
2965	1982	1x2m	S17/E6	40-50	shell	marine shell							3		abalone shell frag, Br. Irri
2966	1982	1x2m	S17/E6	50-60	bone	NA							356		frag.
2967	1983	1x2m	S17/E6	50-60	pottery	TizonBrown		5.8	5.3	1.0			11	frag	
2968	1983	1x2m	S17/E6	50-60	pottery	NA		3.0	25.0	0.7			1	frag	munsell (5yr 4/6) -
2969	1983	1x2m	S17/E6	50-60	charcoal	NA		0.0	0.0	0.0		31.3	0		
2970	1983	1x2m	S13/E10	0-10	charcoal	NA						6.0	0		
2971	1983	1x2m	S17/E6	50-60	bone	NA		1.5	0.5	0.5			1		poss. Human tooth root
2972	1983	1x2m	S17/E6	50-60	flakedstone	utilizedflake	quartz	1.5	1.0	0.1			1		clear
2973	1983	1x2m	S13/E12	20-30	bone	NA							1	frag	large rib frag., 11w,15n, 2
2974	1983	1x2m	S17/E4	20-30	groundstone	arrowshaftstr	other	5.0	3.9	2.3			1		gray, rose, tan
2975	1982	1x2m	S17/E6	60-70	charcoal	NA						55.3	0		
2976	1983	1x2m	S17/E6	60-70	bone	NA							540	frag	
2977	1983	1x2m	S17/E6	60-70	bone	NA		0.6	0.8	0.6			1		snake verta.
2978	1983	1x2m	S17/E6	60-70	bone	NA		0.9	1.1	0.8			1		fish verta.
2979	1983	1x2m	S17/E6	60-70	pottery	ColoradoBuff		2.0	1.8	0.4			1		cream dessert buff
2980	1983	1x2m	S17/E6	60-70	pottery	TizonBrown		4.2	2.4	0.4			8	frag	
2981	1983	1x2m	S17/E6	60-70	flakedstone	utilizedflake		2.0	1.4	0.2			1		
2982	1983	1x2m	S17/E6	60-70	bone	NA		1.5	0.7	0.5			1		calcified tooth root
2983	1983	1x2m	S17/E6	60-70	flakedstone	debitage	obsidian	1.3	1.1	0.1			1		lt. Grey
2984	1983	1x2m	S17/E6	60-70	groundstone	unidentified	granitic	3.8	32.0	1.8			1	frag	cobble
2985	1983	1x2m	S17/E6	70-80	bone	NA							477	frag	
2986	1983	1x2m	S5/E6	40-50	bone	NA		0.9	0.9	0.7			1	frag	SNAKE VERTA.
2987	1983	1x2m	S17/E6	70-80	charcoal	NA						24.4	0		
2988	1983	1x2m	S17/E6	70-80	pottery	TizonBrown		4.2	3.8	0.5			12	frag	
2989	1983	1x2m	S17/E6	70-80	bone	NA		1.3	1.0	0.9			1		RETURNED TO BONE
2990	1983	1x2m	S17/E6	20-30	shell	marine shell							151	frag	chione, pectin, chiton, do
2991	1983	1x2m	S17/E6	20-30	shell	marine shell		1.3	0.8	0.1		0.3	1		olivella
2992	1983	1x2m	S17/E6	30-40	shell	NA						56.1	157	frag	
2993	1983	1x2m	S17/E6	20-30	shell	marine shell		1.5	0.6	0.1		0.6	1		spire ground olivella, bas
2994	1983	1x2m	S17/E6	70-80	flakedstone	chopper	basalt	6.2	6.0	3.5			1		
2995	1983	1x2m	S17/E6	70-80	flakedstone	scraper	green	5.0	3.3				1		
2996	1983	1x2m	S17/E6	70-80	flakedstone	utilizedflake	basalt	2.2	2.0	0.2			1		Dk. Gray
2997	1983	1x2m	S17/E6	70-80	flakedstone	scraper	other	3.3	1.8	0.4			1		
2998	1983	1x2m	S17/E6	70-80	flakedstone	utilizedflake	other	2.4	1.9	0.6			1		gray, green
2999	1983	1x2m	S17/E6	70-80	flakedstone	utilizedflake	basalt	1.8	1.6	0.1			1		dk. Gray

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3000	1983	1x2m	S17/E6	80-90	charcoal	NA						60.6	0		
3001	1983	1x2m	S17/E6	80-90	pottery	ColoradoBuff		2.3	1.4	0.4			1	frag	
3002	1983	1x2m	S5/E6	40-50	bone	NA		2.5	0.5	0.5			1		deer tooth
3003	1983	1x2m	S17/E6	80-90	bone	NA							1307	frag	
3004	1983	1x2m	S17/E6	80-90	pottery	NA		2.0	1.6	0.5			1	frag	rim sherd
3005	1983	1x2m	S17/E6	80-90	pottery	NA		3.2	2.1	0.5			22	frag	
3006	1983	1x2m	S17/E6	80-90	flakedstone	core	basalt	6.0	3.5	2.0			1	frag	dk. Gray,
3007	1983	1x2m	S17/E6	80-90	flakedstone	core	quartzite	3.6	3.0	2.5			1	frag	red, tan
3008	1983	1x2m	S17/E6	80-90	groundstone	unidentified	unidentified	5.0	3.5	3.0			1	frag	lt. Tan
3009	1983	1x2m	S17/E6	80-90	groundstone	unidentified	basalt	3.3	2.8	2.3			1	frag	dk. Gray
3010	1983	1x2m	S18/W4	10-20	pottery	TizonBrown							1	frag	rim sherd
3011	1983	1x2m	S14/E2	30-40	flakedstone	projectilept	quartz	1.5	0.5	0.3		0.3	1	frag	clear
3012	1983	1x2m	S17/E6	60-70	groundstone	mano	granitic	8.0	4.7	3.2			1		mano used as hammerston
3013	1983	1x2m	S14/E2	30-40	flakedstone	projectilept	quartz	1.4	1.5	0.3		0.8	1	frag	base
3014	1983	1x2m	S14/E2	30-40	flakedstone	projectilept	chert	1.5	1.1	0.2		0.6	1	frag	tan, gray
3015	1983	1x2m	S18/W6	40-50	flakedstone	projectilept	basalt	2.7	2.3	0.6		4.4	1		base, knife?
3016	1983	1x2m	S26/W18	50-60	flakedstone	projectilept	quartz	4.0	1.8	0.3		1.7	0		
3017	1983	1x2m	S17/E6	80-90	flakedstone	projectilept	quartz	1.0	1.4	0.4		0.8	1		clear
3018	1983	1x2m	S14/W2	30-40	flakedstone	projectilept	quartz	2.7	1.0	0.3		0.8	1		clear
3019	1983	1x2m	S17/E8	30-40	flakedstone	projectilept	basalt	1.2	0.5	0.2		0.1	1		
3020	1983	1x2m	S17/E12	50-60	groundstone	pestle	basalt	22.7	7.3	6.2			1		test for pit in bedrock mor
3021	1983	1x2m	S17/E12	30-40	other	other	soapstone	3.2	2.0	0.3			1		pendent, 80e, 30s, 40d
3025	1983	1x2m	S14/W14	surface	flakedstone	projectilept	chalcedony	3.8	2.6	1.2		11.6	1		point blank, tan
3026	1983	1x2m	S18/W2	20-30	flakedstone	projectilept	basalt	2.8	1.1	0.3		0.8	1		
3027	1983	1x2m	S17/E10	90-100	bone	NA		2.2	2.9	0.7			1	whole/b	cranial frg?
3028	1983	1x2m	S14/W8	20-30	bone	tool		1.8	0.7	0.2			1		bone awl tip
3029	1983	1x2m	S18/W0	80-90	flakedstone	debitage	obsidian	0.7	0.3	0.1			1		micro blade flake
3030	1983	1x2m	S14/W0	30-40	flakedstone	debitage	obsidian	0.8	0.6	0.1		0.1	1		drk gray
3031	1983	1x2m	S15/W10	surface	groundstone	hammr/grindr	basalt	21.5	11.5	4.5			1		tan, pink, fitts into morat
3032	1983	1x2m	S5/E6	60-70	flakedstone	debitage	obsidian	0.7	0.4	0.1			1		dk. Gray
3033	1983	1x2m	S16/W10	surface	flakedstone	debitage	other	2.9	2.3	0.4			1		
3034	1983	1x2m	S17/E14	70-80	flakedstone	debitage	obsidian	1.4	0.8	0.3			1		dk. Gray
3035	1983	1x2m	S18/W4	30-40	charcoal	NA						267.3	0		
3036	1983	1x2m	S17/E6	90-100	charcoal	NA						12.2	0		
3037	1983	1x2m	S13/E8	30-40	flakedstone	debitage	obsidian	2.2	1.0	0.7			1		
3038	1983	1x2m	S17/E4	20-30	charcoal	NA						3.4	0		see 4016
3039	1983	1x2m	S14/W6	30-40	charcoal	NA						67.4	0		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3040	1983	1x2m	S18/W2	20-30	charcoal	NA						55.8	0		
3041	1983	1x2m	S18/W0	80-90	flakedstone	projectilept	quartz	3.0	1.3	0.3		1.2	1		clear, pink
3042	1983	1x2m	S18/W4	30-40	flakedstone	projectilept	basalt	3.5	2.0	0.7		6.8	1		dk. Gray
3043	1983	1x2m	S14/E2	40-50	flakedstone	projectilept	quartz	2.0	1.8	0.5		2.5	1	frag	base
3044	1983	1x2m	S18/W4	30-40	bone	NA							1802	frag	
3048	1983	1x2m	S14/W2	30-40	flakedstone	projectilept	quartz	1.3	1.4	0.5		1.1	1	frag	base, clear
3049	1983	1x2m	S26/W10	40-50	flakedstone	projectilept	quartz	2.7	1.5	0.5		2.1	1		white
3050	1983	1x2m	S13/E2	surface	flakedstone	projectilept	quartz	2.4	1.8	0.6		3.2	1		base
3051	1983	1x2m	S13/E6	50-60	charcoal	NA						88.1	0		
3052	1983	1x2m	S14/W2	0-10	flakedstone	projectilept	quartz	2.2	1.4	0.3		0.8	1		white
3053	1983	1x2m	S17/E14	20-30	shell	bead		0.3	0.3			0.1	1	whole/b	olivella, cut at both ends
3054	1983	1x2m	S13/E12	20-30	flakedstone	projectilept	other	2.3	1.2	0.4		0.9	1		
3055	1983	1x2m	S17/E4	20-30	flakedstone	debitage	obsidian	0.9	0.8	0.1			1		dk. Gray
3056	1983	1x2m	S13/E12	20-30	flakedstone	debitage	obsidian	1.5	1.0	0.2			1		dk. Gray
3057	1983	1x2m	S13/E12	20-30	flakedstone	debitage	obsidian	1.1	0.9	2.0			1		dk. Gray
3058	1983	1x2m	S13/E12	20-30	flakedstone	debitage	obsidian	1.2	0.8	0.2			1		dk. Gray
3059	1983	1x2m	S13/E12	20-30	flakedstone	debitage	obsidian	0.7	0.5	0.3			1		
3060	1983	1x2m	S13/E12	20-30	flakedstone	debitage	obsidian	0.8	0.3	0.2			1		dk. Gray
3061	1983	1x2m	S14/W6	30-40	flakedstone	projectilept	quartz	2.3	1.5	0.5		1.1	1		clear
3062	1983	1x2m	S26/W10	10-20	flakedstone	projectilept	chalcedony	1.3	1.0	0.2		0.3	1		gray, tan, base, blank
3063	1983	1x2m	S26/W2	10-20	flakedstone	debitage	obsidian	1.1	0.7	0.2			1		black
3064	1983	1x2m	S17/E4	20-30	flakedstone	debitage	obsidian	0.4	0.2	0.1			1		dk. Gray
3065	1983	1x2m	S5/E6	70-80	flakedstone	debitage	obsidian	0.3	0.2	0.1			1		micro, dk. Gray
3066	1983	1x2m	S14/W8	30-40	flakedstone	projectilept	quartz	2.3	1.5	0.4		1.4	1		white
3067	1983	1x2m	S17/E12	20-30	flakedstone	debitage	obsidian	1.8	1.3	0.7			1		black
3068	1983	1x2m	S17/E12	20-30	flakedstone	debitage	obsidian	1.1	0.8	0.2			1		dk. Gray
3069	1983	1x2m	S17/E12	20-30	flakedstone	debitage	obsidian	0.3	0.3	0.1			1		dk. Gray
3070	1983	1x2m	S17/E12	20-30	flakedstone	debitage	obsidian	0.5	0.4	0.2			1		dk grey
3071	1983	1x2m	S14/W8	30-40	flakedstone	projectilept	quartz	2.0	1.4	0.6		1.4	1		clear
3072	1983	1x2m	S13/E6	40-50	flakedstone	projectilept	chert	3.3	2.5	1.3		9.9	1		tan, gray
3073	1983	1x2m	S13/E12	30-40	flakedstone	projectilept	quartz	1.8	1.8	0.4		1.1	1		clear
3074	1983	1x2m	S13/E6	50-60	flakedstone	projectilept	chalcedony	2.8	1.8	0.7		3.4	1		base blank
3075	1983	1x2m	S26/W4	60-70	flakedstone	projectilept	quartz	1.0	0.6	0.2		0.1	1		tip, clear
3076	1983	1x2m	S14/W0	20-30	flakedstone	projectilept	basalt	0.9	0.6	0.2		0.1	1		tip, grsy
3077	1983	1x2m	S26/E6	surface	flakedstone	projectilept	quartz	1.4	1.4	0.4			1		base, white
3078	1983	1x2m	S26/W10	30-40	flakedstone	projectilept	basalt	1.7	1.2	0.3		0.6	1	frag	tip
3079	1983	1x2m	S18/W0	surface	flakedstone	projectilept	quartz	0.6	0.5	0.2		0.1	1		tip, clear

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3080	1983	1x2m	S26/W8	40-50	flakedstone	projectilept	chert	2.2	1.0	0.4		0.7	1	frag	tip, gray, yellow
3081	1983	1x2m	S17/E8	10-20	flakedstone	projectilept	green	1.8	1.1	0.2		0.9	1		gray
3082	1983	1x2m	S13/E12	0-10	flakedstone	projectilept	basalt	1.1	0.5	0.2		0.3	1		gray, tip,
3083	1983	1x2m	S18/W4	30-40	flakedstone	projectilept	unidentified					0.9	1		base, white
3084	1983	1x2m	S17/E8	40-50	flakedstone	projectilept	basalt	2.0	0.9			0.6	1		dk grey
3085	1983	1x2m	S26/W10	20-30	flakedstone	debitage	other	1.5	0.7	0.6			1		see2812, could be same m
3086	1983	1x2m	S14/E2	20-30	shell	bead		0.4	0.4	0.1			2		clam disc beads
3090	1983	1x2m	S17/E8	30-40	glass	bead		0.4	0.4	0.3			1		Green
3091	1983	1x2m	S18/W4	30-40	shell	bead		1.7	1.0	0.9		0.1	1		LT+MP Tan
3092	1983	1x2m	S13/E8	10-20	shell	bead		0.9	0.5	0.6		0.1	1		olivella bead
3093	1983	1x2m	S17/E12	20-30	shell	bead		0.5	0.5	0.1			1		olivella disc besd
3094	1983	1x2m	S9/E8	10-20	flakedstone	utilizedflake	basalt	2.6	1.7	0.2			1		dk grey
3095	1983	1x2m	S14/W0	10-20	flakedstone	projectilept	quartz	1.9	0.8	0.4		0.6	1		Tip, white
3096	1983	1x2m	S14/W0	10-20	flakedstone	projectilept	basalt	1.4	0.9	0.3		0.3	1		tip,dk grey
3097	1983	1x2m	S5/E6	0-10	bone	NA		0.6	0.7	0.5			1	com	snake verta., spinal proces
3098	1983	1x2m	S5/E6	10-20	bone	NA		0.8	1.0	0.7			1		snake verta.
3099	1983	1x2m	S5/E6	20-30	bone	NA		0.7	0.7	0.9			1		fish verta.
3100	1983	1x2m	S5/E6	60-70	charcoal	NA						96.0	0		
3101	1983	1x2m	S5/E6	70-80	charcoal	NA						46.0	0		
3102	1983	1x2m	S9/E8	0-10	charcoal	NA						8.4	0		
3103	1983	1x2m	S9/E8	10-20	charcoal	NA						39.6	0		
3104	1983	1x2m	S13/E6	30-40	charcoal	NA						51.0	0		
3105	1983	1x2m	S13/E6	40-50	charcoal	NA						142.2	0		see 3106
3106	1983	1x2m	S13/E6	40-50	charcoal	NA						9.3	0		Hearth area? (see 3105)
3107	1983	1x2m	S13/E8	0-10	charcoal	NA						1.2	0		
3108	1983	1x2m	S13/E8	10-20	charcoal	NA						11.6	0		
3109	1983	1x2m	S13/E8	20-30	charcoal	NA						7.6	0		
3110	1983	1x2m	S13/E8	30-40	charcoal	NA						30.0	0		
3111	1983	1x2m	S13/E8	40-50	charcoal	NA						27.0	0		see 4856
3112	1983	1x2m	S13/E10	30-40	charcoal	NA						36.5	0		
3113	1983	1x2m	S13/E10	40-50	charcoal	NA						71.0	0		
3114	1983	1x2m	S13/E10	50-60	charcoal	NA						106.3	0		
3115	1983	1x2m	S13/E10	60-70	charcoal	NA						64.3	0		
3116	1983	1x2m	S17/E6	80-90	shell	marine shell							158	frag	chione, pectin, donax, my
3117	1983	1x2m	S19/E6	60-70	shell	marine shell							130	frag	chione, pectin, ovella, do
3118	1983	1x2m	S17/E6	30-40	shell	NA						61.0	174	frag	
3119	1983	1x2m	S13/E10	70-80	charcoal	NA						47.0	0		see 4481

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3120	1983	1x2m	S13/E12	10-20	charcoal	NA						3.5	0		
3121	1983	1x2m	S13/E12	20-30	charcoal	NA						12.2	0		
3122	1983	1x2m	S13/E12	30-40	charcoal	NA						1.3	0		see 4339-4868
3123	1983	1x2m	S13/E14	40-50	charcoal	NA						4.5	0		
3124	1983	1x2m	S13/E14	50-60	charcoal	NA						42.4	0		
3125	1983	1x2m	S13/E14	60-70	charcoal	NA						30.8	0		
3126	1983	1x2m	S26/W0	60-70	bone	tool		6.2	1.0	0.6			1	com	little wear, few circular str
3127	1983	1x2m	S13/E10	60-70	flakedstone	debitage	obsidian	1.5	0.7	0.3		0.2	1		dk grey
3128	1983	1x2m	S13/E10	70-80	flakedstone	debitage	obsidian	1.1	0.6	0.2		0.1	1		
3129	1983	1x2m	S13/E10	0-10	bone	NA		1.0	1.0	1.3			1	fragment/b	snake verta., two pieces b
3130	1983	1x2m	S13/E10	70-80	flakedstone	debitage	obsidian	0.6	0.3	0.1			1		dk grey, MIRCO
3131	1983	1x2m	S14/W0	30-40	flakedstone	debitage	obsidian	0.6	0.3	0.2			1		
3132	1983	1x2m	S9/E8	10-20	flakedstone	scraper	basalt	4.6	2.3	1.3			1		end scrapper
3133	1983	1x2m	S17/E12	10-20	flakedstone	projectilept	obsidian	0.7	0.1	0.3		0.4	1	frag	dk grey
3134	1983	1x2m	S10/S8	surface	pottery	TizonBrown		6.3	4.0	0.6			1	frag	rim sherd, lg. Inclusuions
3135	1983	1x2m	S13/W12	surface	flakedstone	knife	other	2.4	2.7	0.6		5.4	1		Base, s13-w12
3136	1983	1x2m	S14/W0	10-20	flakedstone	projectilept	quartz	1.1	1.5	0.2		0.4	1		base, clear
3137	1983	1x2m	S15/W12	surface	flakedstone	projectilept	quartzite	2.1	1.7	0.4		1.7	1		brown, base,
3138	1983	1x2m	S17/E12	40-50	flakedstone	projectilept	obsidian	2.0	1.5	0.6		1.7	1	frag	dk grey
3139	1983	1x2m	S13/E8	10-20	flakedstone	utilizedflake	green	3.1	2.0	0.2			1		
3140	193	1x2m	S13/E6	50-60	flakedstone	scraper	basalt	2.2	1.1				1		dk grey
3141	1983	1x2m	S13/E6	50-60	flakedstone	scraper	basalt	5.5	1.8	0.7			1		blade
3142	1983	1x2m	S18/W4	30-40	flakedstone	scraper	basalt						1		dk grey
3143	1983	1x2m	S9/E8	0-10	flakedstone	utilizedflakc	quartzite	3.0	1.8	0.4			1		"gold" inclusins
3144	1983	1x2m	S17/E8	20-30	flakedstone	scraper	MVaphanitic	4.2	1.1	0.4			1		
3145	1983	1x2m	S17/E6	50-60	shell	NA						61.6	104		
3146	1983	1x2m	S14/W4	30-40	shell	NA						18.6	17		
3147	1983	1x2m	S17/E14	20-30	shell	marine shell						60.1	0	frag	tan
3148	1983	1x2m	n/a	surface	flakedstone	utilizedflake	chalcedony	3.1	2.0	0.5			1		
3149	1983	1x2m		surface	shell	bead		0.5	0.5	0.1			1		thick, not clam, not olivel
3150	1983	1x2m	S17/E4	10-20	flakedstone	utilizedflake	basalt	3.0	2.0	0.3			1		
3151	1983	1x2m	S26/W2	10-20	flakedstone	utilizedflake	unidentified	2.2	2.0	0.3			1		tan
3152	1983	1x2m	S13/E8	10-20	flakedstone	utilizedflake	basalt	3.7	2.5	0.5			1		dk grey
3153	1983	1x2m	S14/W0	10-20	flakedstone	utilizedflake	basalt	2.0	1.4	0.2			1		dk grey
3154	1983	1x2m	S14/W0	20-30	flakedstone	utilizedflake	basalt	2.1	1.8	0.2			1		dk grey, brown
3155	1983	1x2m	S17/E6	10-20	bone	NA		0.7	0.8	0.6			1		snake verta, gray, white,
3156	1983	1x2m	S22/W4	0-10	flakedstone	debitage	unidentified					0.3	2		milky quartz, bastalt

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3157	1983	1x2m	S9/E10	0-10	flakedstone	debitage	quartzite					1.4	2		
3158	1983	1x2m	S18/W8	0-10	flakedstone	debitage	quartz					0.4	1		
3159	1983	1x2m	S13/E10	0-10	flakedstone	debitage	varied					125.2	167		
3160	1983	1x2m	S14/W2	0-10	charcoal	NA						5.0	0		
3161	1983	1x2m	S14/W2	10-20	charcoal	NA						34.0	0		
3162	1983	1x2m	S14/W2	20-30	charcoal	NA						57.5	0		
3163	1983	1x2m	S14/W2	30-40	charcoal	NA						66.5	0		
3164	1983	1x2m	S14/E2	30-40	charcoal	NA						30.5	0		
3165	1983	1x2m	S14/W6	10-20	charcoal	NA						1.0	0		
3166	1983	1x2m	S14/W6	20-30	charcoal	NA						23.5	0		
3167	1983	1x2m	S14/W0	40-50	flakedstone	utilizedflake	MVaphanitic	1.2	1.0	0.1			1		green
3168	1983	1x2m	S26/W4	70-80	flakedstone	debitage	MVaphanitic						1		green, poss. Use
3169	1983	1x2m	S17/E4	20-30	flakedstone	utilizedflake	basalt	2.3	2.3	0.4			1		
3170	1983	1x2m	S14/W4	30-40	shell	marine shell		2.6	1.8	0.2			1		abraided chioneshell,
3171	1983	1x2m	S18/W0	80-90	flakedstone	scraper	basalt	7.3	4.0	1.0			1		dk grey
3172	1983	1x2m	S13/E14	60-70	bone	NA							6	fragment/b	cranial? Poss. Human?
3173	1983	1x2m	S18/W0	20-30	bone	tool		1.4	0.3	0.2			1		awl tip.
3174	1983	1x2m	S9/E8	0-10	glass	bead		0.3	0.3	0.3			1		slumpped from heat, whit
3175	1983	1x2m	S13/E12	10-20	glass	bead		0.3	0.3				1		ired. Blue, white crust wit
3176	1983	1x2m	S13/E12	10-20	glass	bead		0.4	0.3				1		white crust with slight pitt
3177	1983	1x2m	S14/W0	20-30	flakedstone	scraper	quartz	2.2	3.0	0.5			1		white
3178	1983	1x2m	S14/W8	10-20	charcoal	NA						6.0	0		see 1154
3179	1983	1x2m	S14/W8	20-30	charcoal	NA						34.0	0		
3180	1983	1x2m	S14/W8	30-40	charcoal	NA						52.6	0		
3181	1983	1x2m	S17/E4	10-20	flakedstone	scraper	basalt	2.5	1.9	0.2			1		
3182	1983	1x2m	S17/E8	20-30	charcoal	NA						12.3	0		
3183	1983	1x2m	S17/E10	40-50	charcoal	NA						16.4	0		ash, clay
3184	1983	1x2m	S17/E10	50-60	charcoal	NA						118.0	0		see 1324
3185	1983	1x2m	S17/E10	60-70	charcoal	NA						60.0	0		
3186	1983	1x2m	S17/E10	70-80	charcoal	NA						14.0	0	frag	
3187	1983	1x2m	S17/E6	90-100	flakedstone	utilizedflake	basalt	1.6	1.2	0.1			1		lt. Gray
3188	1983	1x2m	S18/W2	30-40	bone	bead		1.4	0.5	0.4			1		brown, fine, polished, abr
3189	1983	1x2m	S9/E8	10-20	glass	bead		0.3	0.3				1		blue,
3190	1983	1x2m	S10/E10	surface	glass	bead		0.4	0.4				1		white, slight pitting
3191	1983	1x2m	S13/E12	10-20	glass	bead		0.3	0.3				1		blue, white crust, slight pi
3192	1983	1x2m	S9/E8	10-20	shell	NA		1.6	0.9	0.1			1	frag	ornament, uniconically dri
3193	1983	1x2m	S18/W4	30-40	flakedstone	scraper	quartzite	4.0	2.7	0.5			1		green

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3194	1983	1x2m	S18/W4	30-40	flakedstone	utilizedflake	basalt	2.0	1.2	0.2			1		dk grey
3198	1983	1x2m	S17/E12	20-30	flakedstone	debitage	basalt	0.8	0.7	0.1			1		micro
3199	1983	1x2m	S17/E12	10-20	charcoal	NA						3.4	0		
3200	1983	1x2m	S17/E12	20-30	charcoal	NA						2.2	0		
3201	1983	1x2m	S17/E12	40-50	other	NA						329.0	1		clay
3202	1983	1x2m	S17/E12	50-60	charcoal	NA						9.5	0		
3203	1983	1x2m	S17/E14	30-40	shell	marine shell		0.9	0.5	0.1			1		tan
3204	1983	1x2m	S17/E12	50-60	flakedstone	utilizedflake	chert	1.6	1.5	0.1			1		red,dk grey
3205	1983	1x2m	S17/E8	20-30	flakedstone	scraper		3.0	2.9	0.8			1		
3206	1983	1x2m	S9/E8	45-50	bone	NA							1		Otolith
3207	1983	1x2m	S9/E8	5-10	bone	NA							1		Otolith
3208	1983	1x2m	S9/E8	5-10	bone	NA							1		Otolith
3209	1983	1x2m	S9/E8	45-50	bone	NA							1		Otolith
3210	1983	1x2m	S9/E8	50-55	bone	NA							1		Otolith
3211	1983	1x2m	S9/E8	50-55	bone	NA							1		Otolith
3212	1983	1x2m	S9/E8	60-65	bone	NA							1		Otolith Fragment
3213	1983	1x2m	S9/E8	35-40	bone	NA							1		Otolith
3214	1983	1x2m	S9/E8	55-60	bone	NA							1		Otolith fragment
3215	1983	1x2m	S22/W8	30-40	bone	NA							4		Snake Vertebrae
3216	1983	1x2m	S22/W8	30-40	bone	NA							2		Possible Human, burned,
3217	1983	1x2m	S22/W8	40-50	bone	NA							6		Snake vertebre
3218	1983	1x2m	S14/E10	surface	bone	NA							1		Burned cranial fragment
3219	1982	1x2m	S14/W0	10-20	flakedstone	scraper		4.0	4.0	1.3			1		Cobble
3220	1983	1x2m	S17/E10	40-50	bone	NA							1		1983-Only recorded date
3221	1983	1x2m	S13/E6	20-30	bone	NA							1		1983-Only recorded date
3222	1983	1x2m	S26/W8	10-20	bone	NA							1	fragment/b	1983-Only recorded date
3223	1982	1x2m	S17/E10	10-20	bone	NA							2	fragment/b	1982-Only recorded date
3224	1982	1x2m	S17/E14	0-70	charcoal	NA						4.0	999		From pit wall alignment.
3225	1982	1x2m	S17/E14	60-70	charcoal	NA						37.0	9999		
3226	1982	1x2m	S17/E14	50-60	charcoal	NA						31.4	9999		
3227	1982	1x2m	S18/W0	50-60	charcoal	NA						102.2	9999		
3228	1982	1x2m	S22/W0	60-70	bone	NA							1		Possible bird bone.
3229	1982	1x2m	S18/W0	60-70	charcoal	NA						124.7	9999		
3230	1982	1x2m	S18/W0	70-80	charcoal	NA						94.6	9999		
3231	1982	1x2m	S18/W0	80-90	charcoal	NA						13.0	999		Locus B. See #'s 3341 &
3232	1982	1x2m	S18/W0	90-100	charcoal	NA						38.5	9999		
3233	1983	1x2m	S18/W0	100-110	charcoal	NA						14.0	999		1983-Only recorded date

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3234	1983	1x2m	S18/W0	110-120	charcoal	NA						10.6	999		1983-Only recorded date
3235	1982	1x2m	S18/W2	0-10	charcoal	NA						7.0	999		
3236	1982	1x2m	S18/W2	10-20	charcoal	NA						58.0	9999		
3237	1982	1x2m	S18/W4	0-10	charcoal	NA						5.2	999		
3238	1983	1x2m	S18/W4	20-30	charcoal	NA						143.0	9999		
3239	1982	1x2m	S18/W6	10-20	charcoal	NA						1.7	999		
3240	1982	1x2m	S18/W6	20-30	charcoal	NA						30.0	999		
3241	1983	1x2m	S18/W6	30-40	charcoal	NA						104.0	999		
3242	1983	1x2m	S18/W6	40-50	charcoal	NA						110.0	999		
3243	1983	1x2m	S18/W0	50-60	flakedstone	utilizedflake		3.1	2.3	0.5			1		1983-Only recorded date
3244		1x2m	S18/W0	50-60	flakedstone	utilizedflake	chert	2.0	1.5	2.0			1		No date given. Red/gray.
3245	1982	1x2m	S18/W0	50-60	flakedstone	scraper	basalt	4.6	3.8	0.8			1		Dark gray. 43 N, 14 W, 3
3246	1983	1x2m	S18/W0	50-60	flakedstone	scraper	basalt	5.7	3.7	0.7			1		1983-Only recorded date
3247	1983	1x2m	S18/W0	50-60	flakedstone	scraper	basalt	4.5	2.8	1.2			1		1983-Only recorded date
3248	1983	1x2m	S18/W0	50-60	flakedstone	utilizedflake	chalcedony	2.7	2.0	0.3			1		1983-Only recorded date
3249	1982	1x2m	S17/E12	20-30	flakedstone	debitage	chalcedony						2		Tan/beige/gray.
3250	1983	1x2m	S9/E6	10-20	bone	NA		0.3	0.4				1		1983-Only recorded date
3251	1981	1x2m	S13/E6	10-20	bone	NA		0.8	0.7				1		Fish vertebra, burned. In
3252	1983	1x2m	S9/E6	10-20	bone	NA		0.7	0.5				1		1983-Only recorded date
3253	1983	1x2m	S5/E6	60-70	bone	NA		0.5	0.6				1		Burned vertebra.
3254	1983	1x2m	S5/E6	60-70	bone	NA		0.2	0.2				1		Burned fish vertebra.
3255	1983	1x2m	S5/E6	60-70	bone	NA		0.2	0.2				1		Fish vertebra.
3256	1983	1x2m	S5/E6	60-70	bone	NA		0.3	0.2				1		Fish vertebra.
3257	1983	1x2m	S5/E6	60-70	bone	NA		0.3	0.2				1		Fish vertebra.
3258	1983	1x2m	S9/E6	10-20	bone	NA		0.2	0.2				1		1983-Only recorded date
3259	1983	1x2m	S9/E6	10-20	bone	NA		0.2	0.2				1		1983-Only recorded date
3260	1983	1x2m	S9/E6	10-20	bone	NA		0.2	0.2				1		1983-Only recorded date
3261	1983	1x2m	S9/E6	10-20	bone	NA		0.3	0.2				1		1983-Only recorded date
3262	1983	1x2m	S9/E6	10-20	bone	NA		0.3	0.2				1		1983-Only recorded date
3263	1983	1x2m	S9/E6	10-20	bone	NA		0.2	0.2				1		1983-Only recorded date
3264	1983	1x2m	S17/E6	90-100	bone	NA		0.7	0.4				1		Fish vertebra.
3265	1982	1x2m	S26/W10	30-40	bone	NA		0.6	0.5				1		Fish vertebra.
3266	1982	1x2m	S26/W10	30-40	bone	NA		0.8	0.6	0.2			1		Fish vertebra.
3267	1983	1x2m	S17/E14	60-70	bone	NA		0.2	0.2				1		1983-Only recorded date
3268	1982	1x2m	S13/E6	50-60	bone	NA		0.5	0.2				1		Fish verebra.
3269	1983	1x2m	S17/E4	20-30	bone	NA		0.3	0.3				1		Fish vertebra.
3270	1983	1x2m	S26/W10	40-50	bone	NA		0.8	0.8	0.4			1		Fish vertebra.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3271	1983	1x2m	S26/W10	40-50	bone	NA		0.3	0.2				1		Fish vertebra.
3272	1983	1x2m	S26/W10	40-50	bone	NA		0.5	0.4	0.3			1		Fish vertebra.
3273	1983	1x2m	S26/W10	40-50	bone	NA		0.3	0.2				1		Fih vertebra.
3274	1983	1x2m	S17/E4	30-40	bone	NA		0.5	0.4	0.2			1		Fish vertebra.
3275	1983	1x2m	S17/E4	30-40	bone	NA		0.4	0.3				1		Fish vertebra.
3276	1983	1x2m	S26/W10	50-60	bone	NA		0.3	0.3				1		Fish vertebra.
3277	1983	1x2m	S26/W10	50-60	bone	NA		0.4	0.3	0.2			1		Fish vertebra.
3278	1983	1x2m	S17/E4	20-30	bone	NA		0.2	0.2				1		Fish vertebra.
3279	1983	1x2m	S5/E6	70-80	bone	NA		0.3	0.2				1		Fish vertebra.
3280	1982	1x2m	S18/W4	30-40	bone	NA		0.4	0.4				1		Reptile vertebra.
3281	1982	1x2m	S13/E6	40-50	bone	NA		0.6	0.3				1		Fish vertebra. Possibly b
3282	1983	1x2m	S17/E4	30-40	bone	NA		0.5	0.3				1		Fish vertebra.
3283	1982	1x2m	S14/E2	20-30	bone	NA		0.5	0.3	0.2			1		Fish vertebra.
3284	1982	1x2m	S5/E6	60-70	bone	NA		1.2	0.4	0.3			1		Reptile vertebra.
3285	1982	1x2m	S17/E6	80-90	bone	NA		0.7	0.4	0.3			1		Fish vertebra.
3286	1983	1x2m	S18/W4	30-40	bone	NA		0.9	0.2				1		1983-Only recorded date
3287	1983	1x2m	S18/W4	30-40	bone	NA		0.4	0.3				1		1983-Only recorded date
3288	1983	1x2m	S17/E6	40-50	pottery	TizonBrown		1.2	0.9	0.3			1	frag	1983-Only recorded date
3289	1982	1x2m	S18/W8	30-40	charcoal	NA						4.0	999		
3290	1982	1x2m	S18/W8	50-60	charcoal	NA						92.6	9999		
3291	1982	1x2m	S18/W8	50-60	charcoal	NA						14.4	999		Ash deposit only.
3292	1982	1x2m	S18/W8	60-70	charcoal	NA						32.4	999		
3293	1982	1x2m	S18/W8	70-80	charcoal	NA						98.7	9999		
3294	1983	1x2m	S9/E8	75-80	bone	NA		0.4	0.2	0.1			1	frag	1983-Only recorded date
3295	1982	1x2m	S18/W8	80-90	charcoal	NA						92.7	9999		
3296	1982	1x2m	S22/W0	30-40	charcoal	NA						27.5	999		
3297	1982	1x2m	S22/W0	40-50	charcoal	NA						30.0	999		
3298	1982	1x2m	S22/W0	60-70	charcoal	NA						50.4	999		
3299	1982	1x2m	S22/W0	70-80	charcoal	NA						20.0	999		
3300	1982	1x2m	S22/W0	80-90	charcoal	NA						33.0	999		
3301	1982	1x2m	S22/W2	0-10	charcoal	NA						0.9	1		
3302	1982	1x2m	S22/W2	10-20	charcoal	NA						3.1	99		See # 4579.
3303	1983	1x2m	S22/W2	20-30	charcoal	NA						0.2	1		See #'s 4531 & 4864.
3304	1982	1x2m	S18/W8	50-60	flakedstone	utilizedflake	other	2.6	1.8	0.2			1		Rhyolite-red.
3305	1982	1x2m	S18/W8	50-60	flakedstone	utilizedflake	basalt	2.1	2.0	0.2			1		Dark gray.
3306	1982	1x2m	S18/W8	50-60	bone	NA		1.1	0.7	0.3			1	frag	Polished & abraded bone
3307	1983	1x2m	S17/E12	30-40	flakedstone	projectilept	quartz	0.7	0.6	0.2		0.2	1	frag	Projectile point center sec

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3308	1982	1x2m	S18/W0	50-60	flakedstone	projectilept	basalt	1.2	0.9	0.3		0.4	1	frag	Dark gray.
3309	1982	1x2m	S14/W8	10-20	flakedstone	projectilept	quartz	1.9	1.5	0.4		1.1	1	frag	White.
3310	1982	1x2m	S17/E10	60-70	flakedstone	projectilept	quartz	1.9	1.3	0.4		1.0	1	frag	Blank frag., clear.
3311	1982	1x2m	S5/E6	60-70	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
3312	1982	1x2m	S18/W8	50-60	flakedstone	debitage	basalt	0.9	0.9	0.1			1		Micro-flake, dark gray.
3313	1982	1x2m	S18/W8	50-60	flakedstone	core	quartz	2.5	2.2	1.5			1		Clear.
3314	1982	1x2m	S18/W8	50-60	flakedstone	knife	other	3.0	0.6	0.2			1		Blade flake, felsite.
3315	1982	1x2m	S17/E6	80-90	pottery	TizonBrown		2.8	1.8				1	frag	T-0.6-0.4cm. Possible sli
3316	1982	1x2m	S17/E12	10-20	shell	ornament	other	2.1	1.3	0.2			1		Abalone shell pendant. B
3317	1982	1x2m	S13/E12	0-10	bone	NA		7.2	2.2	1.2			1		Polished & abraded bone.
3318	1982	1x2m	S22/W8	50-60	bone	NA		0.4	0.2				1		Fish vertebra.
3319	1982	1x2m	S18/W8	50-60	flakedstone	knife	chalcedony	2.5	0.7	0.1			1		Blade flake-tan.
3320	1982	1x2m	S22/W8	50-60	charcoal	NA						378.0	9999		
3321	1982	1x2m	S22/W8	60-70	charcoal	NA						136.0	9999		See #3334.
3322	1982	1x2m	S22/W8	50-60	bone	NA		0.8	0.1				1	frag	Maxilla frag., tiny reptile.
3323	1982	1x2m	S22/W8	50-60	bone	NA		0.7	0.2				2		2 fish vertebrae connected
3324	1982	1x2m	S22/W8	50-60	bone	NA		0.4	0.2				1		Fish vertebra.
3325	1982	1x2m	S22/W8	50-60	bone	NA		0.5	0.2				1		Fish vertebra.
3326	1982	1x2m	S22/W8	50-60	bone	NA		0.4	0.3				1		Fish vertebra.
3327	1982	1x2m	S22/W8	50-60	bone	NA		0.7	0.7				1		Fish vertebra.
3328	1982	1x2m	S22/W8	60-70	bone	NA		0.5	0.4				1		Fish vertebra.
3329	1982	1x2m	S22/W8	60-70	bone	NA		0.5	0.4				1		Fish vertebra.
3330	1982	1x2m	S17/E4	10-20	bone	NA		0.7	0.4	0.2			1		Otolith.
3331	1982	1x2m	S17/E4	10-20	bone	NA		0.3	0.3	0.1			1	frag	Otolith.
3332	1982	1x2m	S9/E10	50-60	bone	NA							1	fragment/b	Possible human cranium f
3333	1983	1x2m	S9/E8	75-80	bone	NA		0.2	0.2	0.1			1	frag	1983-Only recorded date
3334	1982	1x2m	S22/W8	60-70	charcoal	NA						43.5	999		Charcoal from ash area on
3335	1982	1x2m	S17/E10	70-80	bone	NA		2.5	1.8	1.0			1	frag	Possible human skull frag
3336	1981	1x2m	S22/W4	40-50	bone	NA		0.8	1.1	0.9			1		Snake vertebra, good con
3337	1981	1x2m	S22/W4	40-50	bone	NA		0.9	1.3	1.2			1		Fish vertebra, fair conditi
3338	1981	1x2m	S22/W4	40-50	bone	NA		0.7	0.5	1.0			1		Fish vertebra- burned, go
3339	1981	1x2m	S22/W4	40-50	bone	NA		1.2	0.6	0.1			1	frag	Possible fish bone frag.
3340	1982	1x2m	S26/W4	60-70	bone	NA		0.7	0.2	0.6			1		Fish vertebra-good condit
3341	1982	1x2m	S18/W0	80-90	charcoal	NA						11.6	999		Charcoal-Locus C. See #'
3342	1982	1x2m	S18/W0	80-90	charcoal	NA						22.0	999		Charcoal-Locus A. See #'
3343	1983	1x2m	S13/E6	50-60	soilsample	NA						105.0	1		
3344	1982	1x2m	S13/E10	0-10	bone	NA		0.8	1.2	1.0			1		Snake vertebra, mostly ta

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3345	1983	1x2m	S13/E12	20-30	pottery	TizonBrown		6.0	4.0	0.5			1	frag	1983-Only recorded date
3346	1983	1x2m	S13/E12	20-30	pottery	TizonBrown		4.2	3.6	0.5			1	frag	1983-Only recorded date
3347	1983	1x2m	S14/W6	30-40	pottery	TizonBrown		3.8	3.3	0.6			1	frag	1983-Only recorded date
3348	1982	1x2m	S26/W0	30-40	charcoal	NA						63.4	9999		
3349	1982	1x2m	S26/W0	40-50	charcoal	NA						66.1	9999		
3350	1982	1x2m	S26/W0	50-60	charcoal	NA						43.8	999		
3351	1982	1x2m	S26/W0	60-70	charcoal	NA						35.3	999		See #4586.
3352	1982	1x2m	S26/W0	70-80	charcoal	NA						12.6	99		
3353	1982	1x2m	S26/W2	10-20	charcoal	NA						3.0	99		
3354	1982	1x2m	S26/W4	40-50	charcoal	NA						67.7	999		
3355	1982	1x2m	S26/W4	50-60	charcoal	NA						210.2	9999		
3356	1982	1x2m	S26/W4	60-70	charcoal	NA						100.8	999		See #'s 2892 & 3618.
3357	1983	1x2m	S26/W4	70-80	charcoal	NA						9.5	99		See #4589.
3358	1982	1x2m	S26/W8	60-70	charcoal	NA						7.4	99		
3359	1982	1x2m	S18/W2	20-30	pottery	TizonBrown		9.8	5.8	0.6			1	frag	Rim sherd. 30cm N, 79c
3360	1983	1x2m	S17/E6	50-60	pottery	TizonBrown		4.0	3.8	0.8			1	frag	Rim sherd.
3361	1982	1x2m	S14/W6	30-40	pottery	TizonBrown		4.1	3.2	0.5			1	frag	Rim sherd.
3362	1982	1x2m	S14/E8	20-30	pottery	TizonBrown		5.0	5.0	0.7			1	frag	Rim sherd. Thin rim thic
3363	1982	1x2m	S17/E8	30-40	pottery	TizonBrown		3.7	4.0	0.7			1	frag	Rim sherd. S 50cm, E 25
3364	1983	1x2m	S22/W2	20-30	bone	NA		1.2	1.2	0.8			1		Fish vertebra.
3365	1982	1x2m	S22/W8	60-70	flakedstone	biface	quartz	2.6	2.0	0.6		2.8	1		Point blank-clear.
3366	1982	1x2m	S26/W8	70-80	charcoal	NA						24.9	999		
3367	1983	1x2m	S26/W8	80-90	charcoal	NA						9.5	99		
3368	1983	1x2m	S22/W8	60-70	pottery	TizonBrown		2.6	2.7	0.5			1	frag	1983-Only recorded date
3369	1983	1x2m	S9/E10	30-40	pottery	TizonBrown							21	frag	1 very light gray, 1 thin- h
3370	1982	1x2m	S14/W0	30-40	pottery	TizonBrown		3.3	3.5	0.6			1	frag	Rim sherd.
3371	1983	1x2m		surface	pottery	TizonBrown		9.0	11.2	0.6			1	frag	3.70S/11E 0 Datum. Rim
3372	1982	1x2m	S17/E8	20-30	flakedstone	debitage	obsidian	0.8	0.4	0.1			1		Obsidian micro-flake.
3373	1982	1x2m	S17/E8	20-30	flakedstone	debitage	obsidian	0.8	0.4	0.2			1		Obsidian chip.
3374	1982	1x2m	S17/E8	20-30	flakedstone	utilizedflake	obsidian	1.3	1.0	0.1			1		
3375	1983	1x2m	S14/W6	surface	pottery	TizonBrown		1.8	1.3	0.6			1	frag	1983-Only recorded date
3376	1983	1x2m	S17/E12	50-60	flakedstone	debitage	obsidian	1.5	0.8	0.2			1		
3377	1983	1x2m	S17/E12	50-60	flakedstone	debitage	obsidian	0.7	0.5	0.3			1		Obsidian chip.
3378	1983	1x2m	S14/W6	20-30	pottery	NA		3.4	3.0	0.4			1	frag	1983-Only recorded date
3379	1983	1x2m	S14/W8	30-40	pottery	pipe		1.3	1.5	0.3			1	frag	
3380	1983	1x2m	S17/E12	20-30	pottery	NA		2.8	2.1	0.4			1	frag	1983-Only recorded date
3381	1983	1x2m	S14/W6	20-30	pottery	TizonBrown		2.0	1.3	0.7			1	frag	1983-Only recorded date

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3382	1982	1x2m	S14/W6	10-20	pottery	TizonBrown		2.0	1.8	0.6			1	frag	Rim sherd.
3383	1982	1x2m	S26/W10	30-40	pottery	TizonBrown		1.8	1.5	0.5			1	frag	Rims sherd.
3384	1982	1x2m	S26/W10	0-10	charcoal	NA						0.4	1		
3385	1982	1x2m	S26/W10	10-20	charcoal	NA						9.4	99		
3386	1982	1x2m	S26/W10	20-30	charcoal	NA						48.5	999		
3387	1983	1x2m	S26/W10	30-40	charcoal	NA						106.9	9999		
3388	1983	1x2m	S26/W10	40-50	charcoal	NA						64.8	999		
3389	1983	1x2m	S26/W10	50-60	charcoal	NA						62.9	999		
3390	1982	1x2m	S22/W4	70-80	bone	NA		0.7	1.2	1.8			1		Snake vertebra-probably r
3391	1982	1x2m	S22/W4	70-80	bone	NA		0.9	0.9	2.1			1		Snake vertebra-probably r
3392	1982	1x2m	S13/E6	50-60	bone	NA							597	frag	
3393	1983	1x2m	S13/E6	40-50	bone	NA							35		fragments
3394	1983	1x2m	S13/E6	40-50	bone	NA							1897		Fragments
3395	1982	1x2m	S13/E6	20-30	bone	NA		1.1	0.8	0.4			1		Antler Tip brown/gray
3396	1983	1x2m	S9/E8	20-30	bone	NA		2.0	1.4	0.4			1		Othlith found in floation
3397	1983	1x2m	S14/W2	30-40	pottery	TizonBrown		1.7	2.0				1		Rim sherd
3399	1982	1x2m	S18/W4	30-40	pottery	TizonBrown		3.0	2.5	0.7			1		Rim sherd
3400	1983	1x2m	S13/E6	30-40	bone	NA							566		
3401	1983	1x2m	S13/E12	20-30	pottery	TizonBrown		3.7	3.8	0.8			1		Rim sherd
3402	1983	1x2m	S13/E6	40-50	bone	NA							1117		
3403	1982	1x2m	S14/E2	20-30	pottery	TizonBrown		1.0	1.5	0.5			1		Rim sherd
3404	1982	1x2m	S18/W6	20-30	pottery	TizonBrown		1.0	0.6	0.4			1		Rim sherd
3405	1983	1x2m	S14/W4	40-50	pottery	pipe		0.9	1.3	0.2			1		Pipe fragment
3406	1982	1x2m	S14/E2	20-30	pottery	TizonBrown		1.3	1.0	0.5			1		possible potter rim sherd
3407	1983	1x2m	S17/E6	20-30	pottery	pipe		0.9	0.9	0.2			1		Pottey pipe fragment
3408	1982	1x2m	S9/E8	10-20	bone	NA							1		No count on card. Card re
3409	1982	Surface	S16 E14	surface	pottery	TizonBrown		1.7	2.1	0.4			1		Rim sherd
3410	1983	1x2m	S5/E6	70-80	bone	NA							311		
3411	1982	Surface	S16 E14	surface	pottery	TizonBrown		2.1	1.5	0.4			1		Rim sherd
3412	1982	1x2m	S18/W2	0-10	pottery	TizonBrown		2.3	1.4	0.4			1		Altered sherd
3413	1983	1x2m	S5/E6	60-70	bone	NA							699		
3414	1982	1x2m	S18/W0	80-90	pottery	TizonBrown		1.9	1.3	0.6			1		Rim sherd
3415	1982	1x2m	S17/E6	80-90	pottery	TizonBrown		1.0	0.5	0.4			1		sherd
3416	1982	1x2m	S14/W2	10-20	pottery	TizonBrown		3.2	1.5	0.6			1	frag	Rim sherd.
3417	1982	1x2m	S17/E12	30-40	pottery	TizonBrown		1.8	1.6	0.6			1	frag	Altered sherd.
3418	1982	1x2m	S14/E2	20-30	pottery	TizonBrown		1.9	1.8	0.4			1	frag	Altered sherd.
3419	1982	1x2m	S18/W2	10-20	pottery	TizonBrown		3.1	2.6	0.6			1	frag	Rim sherd. 16cm W, 32c

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3420	1983	1x2m	S14/W0	40-50	pottery	TizonBrown		4.3	2.9	0.7			1	frag	Rim sherd.
3421	1983	1x2m	S17/E4	20-30	pottery	TizonBrown		1.0	1.0	0.4			1	frag	Rim sherd found in scree
3422	1982	1x2m	S14/W8	30-40	pottery	TizonBrown		1.4	1.6	0.6			1	frag	Rim sherd.
3423	1983	1x2m	S26/W4	40-50	pottery	pipe		1.7	1.5	0.2			1	frag	1983-Date questionable.
3424	1983	1x2m	S22/W2	20-30	pottery	TizonBrown		2.2	2.8	0.4			1	frag	Rim sherd.
3425	1982	1x2m	S14/W8	10-20	pottery	TizonBrown		2.3	2.7	0.5			1	frag	Rim sherd.
3426	1982	1x2m	S13/E8	10-20	pottery	TizonBrown		1.9	2.0	0.6			1	frag	Rim sherd.
3427	1982	1x2m	S18/W2	0-10	pottery	TizonBrown		3.0	4.0	0.4			1	frag	Pottery sherd w/ drilled h
3428	1983	1x2m	S14/W0	40-50	flakedstone	core	basalt	5.0	2.6	2.5			1	frag	Gray/brown.
3429	1983	1x2m	S18/W12	50-55	shell	bead							4		1983-Only recorded date
3430	1983	1x2m	S9/E8	30-35	bone	NA		0.3	0.2	0.1			1	frag	1983-Only recorded date
3431	1982	1x2m	S13/E8	0-10	bone	NA							111		
3432	1982	1x2m	S13/E8	10-20	bone	NA							431		
3433	1981	1x2m	S22/W4	50-60	bone	NA		1.0	0.5	0.1			1		Fish vertebra-tan. Fair co
3434	1981	1x2m	S22/W4	50-60	bone	NA		0.6	0.7	1.4			1		Snake vertebra. Good co
3435	1982	1x2m	S13/E8	20-30	bone	NA							365		
3436	1983	1x2m	S13/E8	30-40	bone	NA							569		
3437	1983	1x2m	S13/E8	40-50	bone	NA							1		Quantity not given.
3438	1982	1x2m	S17/E6	80-90	bone	NA		0.5	0.3				1	frag	Fish vertebra-broken frag.
3439	1982	1x2m	S22/W8	60-70	bone	NA		0.4	0.5	0.5			1	frag	Fish vertebra-broken frag.
3440	1982	1x2m	S13/E6	50-60	bone	NA		0.5	0.7	0.5			1		Fish vertebra-good speci
3441	1982	1x2m	S13/E6	30-40	bone	NA		0.5	0.5	0.5			1	frag	Fish vertebra-broken frag.
3442	1982	1x2m	S17/E6	80-90	bone	NA		0.8	0.8	0.5			1	frag	Fish vertebra-broken frag.
3443	1982	1x2m	S22/W2	20-30	flakedstone	projectilept	quartz	0.9	1.3	0.4		0.9	1	frag	White.
3444	1982	1x2m	S13/E8	10-20	bone	NA		1.2	1.1	0.3			1	fragment/b	Incised & abraded bone fr
3445	1983	1x2m	S17/E8	40-50	bone	NA		2.0	0.8	0.2			1	frag	Polished, abraded, & drill
3446	1982	1x2m	S26/W4	60-70	bone	NA							378	frag	
3447	1982	1x2m	S26/W4	60-70	bone	NA		0.4	0.2	0.7			1		Fish vertebra, fair conditi
3448	1982	1x2m	S26/W4	60-70	bone	NA		0.9	0.7	0.9			1		Fish vertebra.
3449	1982	1x2m	S26/W4	50-60	bone	NA							463	frag	
3450	1982	1x2m	S17/E6	80-90	shell	NA		2.0	2.2				1		Manufactured refuse, whi
3451	1982	1x2m	S14/W2	20-30	shell	bead		0.5	0.5	0.2			1		Olivella shell disc bead.
3452	1982	1x2m	S18/W0	80-90	shell	marine shell		1.6	1.4	0.2			1	frag	Haliotis frag., iridescent.
3453	1982	1x2m	S9/E8	0-10	shell	bead		0.5	0.5	0.1			1		Olivella shell disc bead.
3454	1983	1x2m	S22/W2	20-30	shell	bead		0.6	0.6	0.1			1	whole/b	Burnt olivella shell disc b
3455	1983	1x2m	S22/W2	20-30	shell	bead		1.5	0.9	0.7			1		Olivella shell bead.
3456	1982	1x2m	S17/E6	80-90	shell	bead		1.9	1.1				1		Olivella shell bead found

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3457	1982	1x2m	S21/W6	surface	shell	bead		0.3	0.7				1		Olivella shell barrel cut b
3458	1982	1x2m	S13/E6	40-50	shell	bead		0.3	0.6				1		Olivella shell barrel cut b
3459	1982	1x2m	S26/W4	60-70	shell	bead			0.5	0.1			2		Burnt olivella shell disc b
3460	1982	1x2m	S13/E10	30-40	bone	NA		0.3	0.3	0.2			1		Fish vertebra.
3461	1982	1x2m	S13/E10	40-50	bone	NA		0.3	0.2	0.2			1		Fish vertebra.
3462	1982	1x2m	S13/E10	50-60	bone	NA		0.5	0.6	0.5			1		Fish vertebra.
3463	1982	1x2m	S13/E10	50-60	bone	NA		1.0	0.5	0.3			1		Fish otolith.
3464	1982	1x2m	S13/E14	50-60	bone	NA		0.3	0.3	0.2			1		Burned fish vertebra.
3465	1982	1x2m	S14/W0	10-20	bone	NA		0.3	0.2	0.2			1		Fish vertebra.
3466	1982	1x2m	S14/W0	20-30	bone	NA		0.5	0.4	0.2			1		Fish vertebra.
3467	1982	1x2m	S14/W2	10-20	bone	NA		0.5	0.5	0.3			1		Fish vertebra.
3468	1982	1x2m	S22/W8	60-70	bone	NA		1.0	0.6	0.5			1		Burned tooth root frag., p
3469	1982	1x2m	S9/E10	40-50	bone	NA		0.6	0.5	0.5			1	frag	Fish vertebra frag.
3470	1983	1x2m	S14/E2	30-40	bone	NA		1.1	1.6	0.6			1		Fish vertebra.
3471	1982	1x2m	S14/W6	20-30	bone	NA		0.9	0.1	1.1			1		Fish vertebra.
3472	1982	1x2m	S9/E10	20-30	bone	NA		0.5	0.5	0.5			1		Fish vertebra.
3473	1983	1x2m	S18/W2	20-30	bone	NA		0.3	1.0	0.3			1		Fish vertebra.
3474	1983	1x2m	S17/E12	40-50	bone	NA		0.7	0.7	0.6			1		Fish vertebra.
3475	1982	1x2m	S17/E12	10-20	bone	NA		1.0	1.4	0.7			1		Fish vertebra.
3476	1982	1x2m	S17/E12	10-20	bone	NA		0.7	0.8	0.8			1		Burnt fish vertebra.
3477	1983	1x2m	S17/E12	50-60	bone	NA		0.9	2.3	0.6			1		Fish vertebra.
3478	1982	1x2m	S13/E6	40-50	bone	NA		0.5	0.3	0.3			1		Fish vertebra, good condit
3479	1983	1x2m	S17/E12	50-60	bone	NA		0.6	0.7	0.6			1		Fish vertebra, fair conditi
3480	1982	1x2m	S18/W0	70-80	bone	NA		0.5	0.3	0.9			1		Fish vertebra, good condit
3481	1983	1x2m	S5/E6	60-70	flakedstone	chopper	basalt	9.5	6.5	3.5			1		Left-handed. Dark gray.
3483	1983	1x2m	S5/E6	60-70	pottery	NA							6	frag	
3484	1983	1x2m	S5/E6	60-70	pottery	NA		1.4	0.9	0.5			1	frag	Pine Valley Red sherd. P
3485	1983	1x2m	S5/E6	60-70	flakedstone	utilizedflake	unidentified	2.5	1.8	0.2			1		Red/green.
3486	1983	1x2m	S5/E6	70-80	pottery	TizonBrown							2	frag	Incomplete level.
3487	1983	1x2m	S5/E6	70-80	flakedstone	chopper	basalt	9.5	5.7	3.0			1		Dark gray.
3488	1983	1x2m	S5/E6	70-80	other	other	unidentified	7.5	5.5	3.0			1		Water worn cobble, gray/t
3489	1982	1x2m	S9/E8	10-20	flakedstone	utilizedflake	quartz	2.3	1.5	0.4			1		Utilized blade flake, clear.
3490	1982	1x2m	S9/E8	10-20	pottery	TizonBrown							40	frag	
3491	1982	1x2m	S13/E10	70-80	bone	NA							756		11 are deer bones & teeth.
3492	1982	1x2m	S13/E10	50-60	bone	NA							762		
3493	1982	1x2m	S13/E6	surface	bone	NA							5		Found on the surface of le
3494	1983	1x2m	S17/E12	40-50	bone	NA							3		Phalanges for faunal ident

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3495	1983	1x2m	S14/E2	20-30	bone	NA							3		Unusual bones for faunal
3496	1982	1x2m	S14/W8	30-40	bone	NA							3		Bones for faunal identific
3497	1982	1x2m	S13/E6	20-30	flakedstone	debitage	chalcedony	0.6	0.5	0.1			1		Micro-flake, red/cream.
3498	1982	1x2m	S13/E6	20-30	flakedstone	debitage	chalcedony	0.8	0.5	0.1			1		Micro-flake, red/cream.
3499	1982	1x2m	S13/E10	40-50	bone	NA							1121		
3500	1982	1x2m	S17/E8	10-20	flakedstone	projectilept	quartz	3.1	2.4	0.7		4.1	1	frag	Lenticular cross section.
3501	1982	1x2m	S9/E8	0-10	pottery	TizonBrown		2.3	1.9	0.5			1	frag	Rim sherd. Some scratch
3502	1982	1x2m	S26/W4	70-80	flakedstone	utilizedflake	basalt	1.8	1.5	0.3			1		Dark gray. 10cm N, 92c
3503	1982	1x2m	S26/W6	0-10	bone	NA							2		Polished bone, Large piec
3504	1982	1x2m	S18/W0	80-90	bone	NA		1.1	0.7	0.5			1		Rattlesnake vertebra.
3505	1982	1x2m	S17/E4	10-20	bone	NA		1.5	0.6	0.4			1	frag	Highly polished, worked
3506	1982	1x2m	S9/E8	0-10	flakedstone	debitage	other	2.3	1.6	0.5			1		Andesite-brown.
3507	1982	1x2m	S18/W0	80-90	bone	NA		1.3	1.0	1.0			1		Snake vertebra. 99cm E,
3508	1982	1x2m	S18/W4	30-40	bone	NA		0.6	0.3	0.2			1		Possible bone bead, one e
3509	1982	1x2m	S5/E6	50-60	shell	bead		0.4	0.2	0.0			1		Olivella shell barrel bead.
3510	1982	1x2m	S13/E6	40-50	bone	awl		1.9	0.5	0.4			1		Bone awl tip. 0-40cm W,
3511	1982	1x2m	S13/E6	40-50	flakedstone	scraper	obsidian	1.8	1.6	1.0		3.5	1		Possible scraper or knife,
3512	1982	1x2m	S26/W6	10-20	bone	NA		1.7	1.1	0.4			1		Polished bone, notched &
3513	1982	1x2m	S12/E2	surface	flakedstone	core	obsidian	2.1	1.1	0.8			1	frag	Transparent/gray. From s
3514	1982	1x2m	S17/E6	80-90	shell	freshwater shell		1.0	0.9	0.0			1		Terrestrial snail (marsh?)
3515	1982	1x2m	S17/E4	0-10	flakedstone	debitage	obsidian	0.8	0.3	0.1			1		Possible Obsidian or Mon
3516	1982	1x2m	S17/E6	80-90	shell	bead		1.5	0.9	0.0			1	com	Olivella shell bead. Very
3517	1982	1x2m	S26/W6	10-20	bone	NA		1.5	0.7	0.6			1		Worked bone-polished, fl
3518	1982	1x2m	S18/W2	0-10	shell	bead		1.1	0.6	0.0			1	whole/b	Burnt olivella shell bead.
3519	1198	1x2m	S13/E8	0-10	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		Transparent/gray. 0-40c
3520	1982	1x2m	S17/E4	10-20	flakedstone	debitage	obsidian	0.5	0.4	0.1			1		Transparent/gray.
3521	1982	1x2m	S13/E6	40-50	shell	bead		1.5	0.8	0.1			1		Possible olivella shell bea
3522	1982	1x2m	S18/W0	80-90	shell	marine shell		1.3	1.1	0.2			1	frag	Possibly worked haliotis f
3523	1982	1x2m	S14/W2	0-10	shell	bead		0.8	0.5	0.1			1		Olivella shell bead. Gray.
3524	1982	1x2m	S17/E4	20-30	flakedstone	scraper	quartz	4.0	2.5	0.8			1		Clear/white. 85cm W, 33
3525	1982	1x2m	S14/W2	10-20	shell	bead		0.2	0.5	0.2			1		Olivella shell barrel bead.
3526	1982	1x2m	S14/E2	10-20	flakedstone	projectilept	chalcedony	1.4	0.8	0.5		0.4	1	frag	Projectile point base frag.,
3527	1982	1x2m	S18/W0	80-90	flakedstone	utilizedflake	basalt	2.4	2.0	0.2			1		Dark gray. 6cm N, 71cm
3528	1982	1x2m	S18/W0	80-90	flakedstone	scraper	basalt	3.5	2.7	1.0			1		Porphyritic, gray. 3cm N,
3529	1982	1x2m	S18/W0	80-90	bone	bead		1.3	0.4	0.3			1		Found in screen. Brown.
3530	1982	1x2m	S17/E8	20-30	flakedstone	debitage	obsidian	0.9	0.3	0.2			1		Found in screen. Black.
3531	1982	1x2m	S22/W2	10-20	bone	bead		0.6	0.4	0.3			1		Found in screen. White.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3532	1982	1x2m	S17/E8	20-30	shell	bead		0.5	0.4	0.1			1		Olivella shell bead. Foun
3533	1982	1x2m	S18/W0	80-90	shell	NA							1	com	Chione californiensis, lig
3534	1982	1x2m	S13/E6	40-50	flakedstone	projectilept	quartz	2.1	1.5	0.5		1.9	1		Possible projectile point b
3535	1982	1x2m	S26/W4	60-70	bone	NA		0.5	0.5	0.2			1		Fish vertebra. Brown.
3536	1982	1x2m	S17/E14	50-60	flakedstone	debitage	obsidian	0.7	0.6	0.1			1		Found in screen. Black.
3537	1982	1x2m	S14/W0	20-30	flakedstone	projectilept	quartz	1.7	1.0	0.3		0.6	1		Found in screen. From N
3538	1982	1x2m	S17/E14	50-60	flakedstone	debitage	obsidian	0.9	0.5	0.1			1		Found in screen. Black.
3539	1982	1x2m	S22/W2	20-30	flakedstone	projectilept	quartz	1.7	0.9	0.3		0.5	1		White.
3540	1982	1x2m	S17/E14	50-60	flakedstone	debitage	obsidian	1.4	0.8	0.4			1		Found in screen. Black.
3541	1982	1x2m	S14/E2	10-20	flakedstone	retouchedflake	basalt	3.4	2.6	0.6			1		Retouched, utilized flake.
3542	1982	1x2m	S14/E2	10-20	shell	bead		0.4	0.4				1		Unidentified shell bead, r
3543	1982	1x2m	S18/W6	20-30	pottery	NA		4.6	3.2	0.5			1	frag	Rim sherd, top of rim hig
3544	1982	1x2m	S26/W4	60-70	shell	bead							2		Olivella shell disc beads;
3545	1982	1x2m	S26/W2	10-20	pottery	TizonBrown		3.3	2.5	0.6			1	frag	Altered sherd.
3546	1982	1x2m	S14/W2	10-20	flakedstone	projectilept	chalcedony	2.3	1.9	0.7		2.6	1	frag	Projectile point base frag.,
3547	1982	1x2m	S26/W4	60-70	bone	NA		0.5	0.3				1		Fish vertebra. Good cond
3548	1982	1x2m	S26/W4	60-70	shell	bead							2		Olivella shell disc beads.
3549	1982	1x2m	S14/E2	10-20	pottery	TizonBrown		1.4	1.3	0.5			1		Rim sherd.
3550	1982	1x2m	S9/E8	10-20	flakedstone	debitage	obsidian	0.7	0.6	0.2		0.1	1		
3551	1982	1x2m	S4/E2	10-20	flakedstone	projectilept	basalt	1.9	1.7	0.4		1.4	1	frag	Point Frag Tip
3552	1981	1x2m	S13/E10	0-10	bone	NA							597	fragment/b	Tan - Grey
3553	1981	1x2m	S13/E10	10-20	pottery	TizonBrown							30	frag	Sherds
3555	1981	1x2m	S13/E10	10-20	bone	bead							2		Possible burnt bone beads
3556	1981	1x2m	S13/E10	0-10	other	other	other						2		Hematite nodules 2 each.
3558	1981	1x2m	S13/E10	0-10	pottery	TizonBrown							43	frag	sherds
3559	1981	1x2m	S13/E10	0-10	pottery	NA		1.4	1.3	0.3			1		Red wash sherd.
3560	1981	1x2m	S13/E10	10-20	flakedstone	core	quartzite	4.4	4.0	1.5			1	frag	
3561	1981	1x2m	S13/E10	0-10	bone	NA							4		L-3.1cm,2.9cm,1.3cm,1.2
3562	1981	1x2m	S13/E10	0-10	flakedstone	debitage	obsidian	0.8	0.3	0.2			1	frag	
3563	1981	1x2m	S13/E10	0-10	flakedstone	debitage	basalt	2.1	1.5	0.2			1		
3564	1981	1x2m	S13/E10	0-10	flakedstone	debitage	basalt	1.6	1.0	0.3			1		
3565	1981	1x2m	S13/E10	0-10	flakedstone	scraper	basalt	3.8	2.6	0.7			1		
3566	1981	1x2m	S13/E10	0-10	flakedstone	debitage	chert	0.9	0.7	0.2			1		Blade Fragment
3567	1981	1x2m	S13/E10	0-10	metal	nail/tack		2.3	0.4	0.3			1		Square Iron nail
3568	1982	1x2m	S9/E10	40-50	bone	NA							467	fragment/b	
3569	1982	1x2m	S9/E10	40-50	pottery	TizonBrown							41		Sherds
3570	1982	1x2m	S22/W2	10-20	flakedstone	core	basalt	3.8	3.8	2.2			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3571	1982	1x2m	S22/W2	10-20	flakedstone	debitage	basalt	0.8	0.6	0.1			1		micro flake
3572	1982	1x2m	S22/W2	10-20	flakedstone	debitage	chalcedony	0.7	0.5	0.1			1		micro flake red-tan
3573	1982	1x2m	S22/W2	10-20	pottery	TizonBrown							8	frag	
3574	1982	1x2m	S22/W2	10-20	flakedstone	core	quartzite	4.7	4.4	3.0			1		Tan- Red
3575	1982	1x2m	S22/W2	10-20	flakedstone	debitage							2		
3576	1982	1x2m	S17/W2	10-20	bone	NA							141	fragment/b	White/Tan/Grey
3577	1982	1x2m	S9/E10	100-110	bone	NA							24	fragment/b	tan
3578	1982	1x2m	S9/E8	0-10	bone	NA							79	fragment/b	
3579	1982	1x2m	S17/E6	30-40	pottery	TizonBrown							35		A. L-5.0cm,W-4.2cm,T-.5
3580	1982	1x2m	S9/E8	0-10	flakedstone	debitage						24.4	70		35Quartz-10.1g; 2Felsite-
3581	1982	1x2m	S22/W2	10-20	bone	bead		0.7	0.3	0.3			1		Possible bone bead
3582	1982	1x2m	S9/E8	0-10	pottery	TizonBrown							25	frag	
3583	1982	1x2m	S9/E8	0-10	pottery	TizonBrown		1.7	1.2	0.5			1		altered sherd
3584	1982	1x2m	S17/E6	30-40	bone	NA							1050		Tan, White, Gray
3585	1982	1x2m	S22/W2	20-30	other	bead		0.4	0.4	0.1			1		Manufacxtured niche on o
3586	1982	1x2m	S17/E14	60-70	groundstone	mano	granitic	11.5	6.8	3.9			1		Benn Fired
3587	1982	1x2m	S14/W0	20-30	pottery	TizonBrown		2.2	1.9	0.5			1		Rim sherd
3588	1982	1x2m	S14/W8	20-30	bone	awl		7.8	1.2	0.7			1	whole/b	Excellent condition
3590	1982	1x2m	S9/E10	40-50	pottery	TizonBrown		2.0	2.0	0.7			1		Rim sherd
3591	1982	1x2m	S9/E10	40-50	flakedstone	scraper	basalt	5.5	4.5	1.4			1		
3593	1982	1x2m	S18/W4	30-40	bone	NA		0.5	0.5	0.2			1		Fish Vertebrae
3594	1982	1x2m	S9/E10	50-60	pottery	TizonBrown							21		Sherd
3595	1982	1x2m	S13/E8	10-20	bone	awl		1.6	0.8	0.3			1		
3596	1982	1x2m	S17/E6	30-40	bone	tool		1.4	0.8	0.8			1	fragment/b	Fabricator fragment
3597	1982	1x2m	S17/E6	30-40	bone	tool		1.3	0.9	0.9			1	fragment/b	fabricator fragment
3598	1982	1x2m	S17/E6	30-40	pottery	TizonBrown		1.5	0.9	0.7			1		Rim sherd
3600	1982	1x2m	S14/E2	20-30	flakedstone	projectilept	quartz	1.7	1.2	0.1		0.7	1		Projectile point base
3601	1982	1x2m	S5/E6	50-60	shell	marine shell		1.7	1.4	0.1			1		Limpet, hole punched in t
3602	1982	1x2m	S5/E6	50-60	other	other	basalt	1.3	0.6	0.6			1		Water worn pebble
3603	1982	1x2m	S5/E6	50-60	flakedstone	debitage	chert	0.8	0.8	0.1			1		Red micro flake
3604	1982	1x2m	S5/E6	50-60	flakedstone	debitage	chalcedony	0.6	0.5	0.1			1		Tan micro flake
3605	1982	1x2m	S5/E6	50-60	flakedstone	core/hammer		5.0	4.0	3.2			1		Core Frag Hammerstone
3606	1982	1x2m	S5/E6	50-60	pottery	TizonBrown							16		Sherds
3607	1982	1x2m	S5/E6	50-60	flakedstone	scraper		12.0	11.0	2.7			1		Tesnoa Flake
3608	1982	1x2m	S5/E6	50-60	groundstone	mano	granitic	9.9	6.6	4.7			1		Biafacial grey & tan.
3609	1982	1x2m	S18/W4	10-20	bone	NA							600	fragment/b	
3610	1982	1x2m	S18/W4	10-20	pottery	TizonBrown							31	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3611	1981	1x2m	S17/E8	40-50	flakedstone	projectilept	MVporphyritic	2.0	1.5	0.3			1	com	Green, small, trangular, sl
3612	1982	1x2m	S14/W0	20-30	flakedstone	projectilept	basalt	3.3	1.6	0.6		2.9	1	frag	Projectile point blank
3613	1982	Surface	na	surface	bone	NA		2.1	2.0	0.4			1	fragment/b	Possible cranium fragmen
3614	1982	Surface	na	surface	bone	NA		2.8	2.2	0.4			1	fragment/b	Possible cranium fragmen
3615	1982	Surface	na	surface	bone	NA		2.2	1.7	0.4			1	fragment/b	possible cranium fragmen
3616	1982	1x2m	S13/E14	10-20	bone	NA		1.5	1.2	0.3			1	fragment/b	Cranium fragment
3617	1982	1x2m	S9/E10	60-70	charcoal	NA						65.0	9999		see 2840
3618	1982	1x2m	S26/W4	60-70	charcoal	NA						1362.3	9999		Ash removed fm ceramic
3620	1982	1x2m	S5/E6	50-60	flakedstone	debitage		4.4	2.0	1.3			1		Waste, DK Ggrey
3622	1982	1x2m	S13/E6	surface	shell	NA		0.6	0.7	0.1			1		
3623	1983	1x2m	S9/E8	5-10	bone	tool		0.0	0.1	0.1			1		Needle Tip.
3624	1983	1x2m	S9/E8	0-10	shell	bead		0.4	0.2	0.1			1		
3625	1982	1x2m	S17/E10	80-90	bone	tool		0.7	0.5				1		BURNED
3626	1982	1x2m	S13/E6	50-60	flakedstone	knife	chert	0.8	0.4	0.1			1		Blade flake fragment
3627	1983	1x2m	S17/E6	80-90	bone	NA		1.4	0.8	0.1			1		
3628	1982	1x2m	S18/W6	20-30	bone	NA		1.1	1.1	0.2			1		Drilled turtle shell fragem
3629	1982	1x2m	S13/E6	50-60	bone	NA		2.7	1.4	0.4			1		
3630	1982	1x2m	S13/E6	30-40	pottery	NA							36		
3632	1982	1x2m	S13/E6	30-40	flakedstone	core	quartzite	5.6	4.0	2.8			1		
3633	1982	1x2m	S13/E6	30-40	flakedstone	utilizedflake	basalt	1.8	1.0	1.0			1		
3634	1981	1x2m	S13/E6	30-40	flakedstone	debitage	obsidian	0.6	0.6	0.1			1		Possible obsidian
3635	1982	1x2m	S13/E6	30-40	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
3636	1982	1x2m	S13/E6	30-40	flakedstone	debitage	obsidian	0.5	0.4	0.1			1		
3637	1983	1x2m	S13/E6	40-50	pottery	NA		1.8	1.0	0.5			1		
3638	1982	1x2m	S9/E8	10-20	bone	NA		2.7	1.1	0.3			1		
3639	1982	1x2m	S26/W2	10-20	bone	awl		1.5	0.5	0.3			1		POSSIBLE AWL FRAG.
3640	1982	1x2m	S13/E6	50-60	flakedstone	knife	quartzite	1.4	1.1	0.3			1		Blade flake fragment2
3641	1982	1x2m	S13/E6	50-60	flakedstone	scraper	basalt	3.7	2.3	1.5			1		
3642	1982	1x2m	S13/E6	50-60	flakedstone	scraper	basalt	6.2	5.6	2.0			1		
3643	1982	1x2m	S18/W4	10-20	bone	NA		2.0	1.3	0.5			1		
3644	1982	1x2m	S13/E6	50-60	pottery	NA							18		TIZON BROWNWARE
3645	1982	1x2m	S13/E6	20-30	flakedstone	scraper	basalt	5.4	5.2	1.5			1		
3646	1982	1x2m	S13/E6	20-30	flakedstone	knife	basalt	4.6	1.6	0.4			1		
3648	1982	1x2m	S13/E6	20-30	pottery	NA							6		
3649	1982	1x2m	S13/E6	50-60	pottery	NA		1.4	1.1	0.4			1		
3650	1982	1x2m	S13/E6	50-60	pottery	NA		2.8	2.4	0.5			1		
3651	1982	1x2m	S18/W6	20-30	bone	NA		3.3	2.6	1.7			1		Worked bone: Deer meta

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3652	1982	1x2m	S17/E10	80-90	bone	awl		1.7	0.5	0.4			1		ABRADED FRAGMENT
3653	1982	1x2m	S14/W0	30-40	bone	NA		2.7	0.6	0.6			1		
3654	1982	1x2m	S17/E12	0-10	bone	awl		0.8	0.2				1		Awl or needle tip.
3655	1982	1x2m	S13/E8	10-20	bone	NA		1.8	0.8	0.6			1		
3656	1982	1x2m	S9/E8	0-10	bone	NA		3.1	0.7	0.5			1		Polished bone fragment.
3657	1982	1x2m	S14/W2	10-20	bone	awl		2.0	1.5	1.0			1		Possible awl-large end (pr
3658	1982	1x2m	S13/E8	0-10	pottery	TizonBrown							3		
3659	1982	1x2m	S13/E8		pottery	TizonBrown							37		
3660	1982	1x2m	S13/E8	10-20	pottery	TizonBrown		1.6	1.4	0.5			1		
3661	1982	1x2m	S13/E8	10-20	flakedstone	debitage	obsidian	0.9	0.4	0.1			1		CHIPPING WASTE
3662	1982	1x2m	S13/E8	10-20	flakedstone	utilizedflake		1.3	1.2	0.2			1		Felsite
3663	1982	1x2m	S13/E8	10-20	flakedstone	scraper	basalt	2.8	1.3	0.7			1		
3664	1982	1x2m	S13/E8	10-20	flakedstone	utilizedflake	basalt	2.1	1.7	0.2			1		
3665	1982	1x2m	S13/E8	10-20	flakedstone	utilizedflake	basalt	2.0	1.1	0.2			1		Unusually shaped utilized
3666	1982	1x2m	S13/E6	10-20	flakedstone	projectilept	quartz	1.3	0.9	0.3			1		
3667	1982	1x2m	S13/E8	10-20	flakedstone	projectilept	quartz	1.8	1.6	0.5			1		
3668	1981	1x2m	S26/W8	20-30	shell	NA						13.9	17		
3669	1981	1x2m	S26/W8	30-40	shell	NA						7.5	19		
3670	1982	1x2m	S26/W8	40-50	shell	NA						27.9	18		
3671	1982	1x2m	S26/W8	50-60	shell	NA						30.9	16		
3672	1983	1x2m	S26/W10	50-60	shell	NA						28.3	28		
3673	1983	1x2m	S22/W10	20-30	shell	NA						39.6	30		
3674	1982	1x2m	S13/E8	20-30	pottery	TizonBrown							25		
3675	1982	1x2m	S13/E8	20-30	pottery	NA		1.6	1.6	0.4			1		
3676	1983	1x2m	S13/E8	20-30	bone	NA		4.0	2.6	0.6			1		Cranium Fragment, burnt.
3677	1983	1x2m	S13/E8	20-30	FAR	NA	granitic	4.4	4.2	5.9			1		
3678	1983	1x2m	S13/E8	20-30	flakedstone	core		7.6	3.3	2.9			1		COBBLE-CORE FRAG
3679	1983	1x2m	S13/E8	40-50	pottery	TizonBrown							5		
3680	1983	1x2m	S13/E8	30-40	pottery	TizonBrown							22		
3681	1983	1x2m	S13/E8	30-40	FAR	NA	other	5.2	4.3	2.5			1		
3682	1983	1x2m	S13/E8	30-40	bone	NA							1		BURNT
3683	1983	1x2m	S17/E10	100-110	flakedstone	projectilept	quartz	1.6	0.6	0.3			1		
3684	1982	1x2m	S13/E10	30-40	pottery	TizonBrown							26		
3685	1982	1x2m	S13/E10	30-40	pottery	TizonBrown		2.5	2.0	0.4			1		
3686	1983	1x2m	S17/E10	100-110	bone	NA							87		
3687	1982	1x2m	S17/E10	80-90	bone	NA							573		
3688	1982	1x2m	S13/E10	30-40	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3689	1982	1x2m	S13/E10	30-40	flakedstone	debitage	obsidian					0.1	1		
3690	1982	1x2m	S13/E10	30-40	flakedstone	debitage	obsidian	0.5	0.5	0.1			1		
3691	1982	1x2m	S13/E10	30-40	flakedstone	debitage	obsidian	0.3	0.3	0.1			1		
3692	1983	1x2m	S17/E10	60-70	bone	NA							626		
3693	1981	1x2m	S26/W12	30-40	shell	NA						14.8	23		
3694	1982	1x2m	S13/E10	30-40	flakedstone	core	basalt	7.0	5.0	3.0			1		
3695	1982	1x2m	S13/E10	30-40	flakedstone	core	basalt	5.3	5.1	1.7			1		
3696	1982	1x2m	S13/E10	30-40	groundstone	mano	basalt	8.3	8.3	5.8			1		
3697	1982	1x2m	S18/W8	40-50	shell	NA						2.2	15		
3698	1982	1x2m	S13/E10	30-40	flakedstone	utilizedflake	quartz	2.0	1.0	0.1			1		
3699	1982	1x2m	S13/E10	30-40	flakedstone	utilizedflake	basalt	3.0	1.5	0.8			1		
3700	1982	1x2m	S13/E10	30-40	flakedstone	utilizedflake	basalt	1.6	1.1	0.2			1		
3701	1982	1x2m	S13/E10	30-40	bone	NA							356		
3702	1982	1x2m	S13/E10	60-70	bone	NA							1196		
3704	1982	1x2m	S13/E16	40-50	pottery	TizonBrown							23		
3705	1982	1x2m	S13/E10	40-50	groundstone	mano	granitic	5.9	5.2	5.2			1		
3706	1982	1x2m	S13/E10	40-50	other	NA	basalt	4.2	5.6	5.4			1		Cobble fragment.
3708	1982	1x2m	S13/E10	40-50	groundstone	mano	unidentified	5.5	4.3	1.7			1		
3709	1982	1x2m	S13/E10	40-50	flakedstone	scraper	basalt	9.5	7.0	3.8			1		
3710	1983	1x2m	S13/E10	40-50	flakedstone	core	basalt	6.5	5.8	3.0			1		
3711	1982	1x2m	S13/E10	40-50	flakedstone	debitage	basalt					109.6	4		
3712		1x2m	S13/E10	40-50	flakedstone	debitage	obsidian	0.8	0.5	0.1			1		
3713	1982	1x2m	S13/E10	40-50	flakedstone	NA	obsidian	0.8	0.5	0.1		0.1	1		
3714	1982	1x2m	S13/E10	40-50	flakedstone	NA	obsidian	0.5	0.4	0.1			1		
3715	1982	1x2m	S13/E10	40-50	flakedstone	NA	obsidian	0.8	0.6	0.1		0.1	1		
3716	1982	1x2m	S13/E10	40-50	flakedstone	NA	obsidian	0.6	0.5	0.1		0.1	1		
3717	1982	1x2m	S13/E10	40-50	flakedstone	utilizedflake	basalt	2.8	2.0	0.5			1		
3718	1982	1x2m	S13/E10	40-50	flakedstone	NA	quartz	2.5	1.7	0.4			1		
3719	1982	1x2m	S13/E10	40-50	flakedstone	scraper	MVporphyritic	4.2	2.0	0.5			1		
3720	1982	1x2m	S13/E10	40-50	flakedstone	NA	chalcedony	2.8	1.8	0.3			1		
3721	1982	1x2m	S13/E10	40-50	flakedstone	debitage	quartz	2.7	1.2	0.2			1		BLADE FLAKE FRAGM
3722	1982	1x2m	S13/E10	40-50	groundstone	mano	granitic	7.1	4.5	3.5			1		
3723	1982	1x2m	S13/E10	40-50	bone	awl		1.0	0.5	0.4			1		
3724	1983	1x2m	S17/E14	70-80	other	NA		7.7	6.0	6.0			1		LABELED AS A COBB
3725	1982	1x2m	S26/W4	60-70	pottery	TizonBrown							7		
3726	1982	1x2m	S26/W4	60-70	charcoal	NA							9999		
3727	1982	1x2m	S26/W4	60-70	shell	bead			0.4	0.1			39		OLIVELLA

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3728	1982	1x2m	S26/W4	60-70	shell	bead		1.8	1.0	0.8			1		WHOLE OLIVELLA, PO
3729	1982	1x2m	S26/W4	60-70	shell	NA		4.5	2.0	0.2			1		
3730	1982	1x2m	S13/E10	40-50	bone	NA		1.8	0.4	0.3			1		
3731	1982	1x2m	S13/E10	30-40	shell	bead		1.6	0.8	0.7		0.4	1		
3732	1982	1x2m	S9/E10	50-60	flakedstone	utilizedflake	chert	0.2	0.1	0.1			1		
3733	1982	1x2m	S13/E10	30-40	shell	marine shell		4.0	2.1	0.8		4.6	1		CHIONE: WORKED SH
3734	1982	1x2m	S13/E12	10-20	shell	bead		0.3	0.5				1		
3735	1982	1x2m	S17/E8	40-50	shell	bead		0.4		0.1			1		
3736	1983	1x2m	S17/E4	20-30	flakedstone	utilizedflake	basalt	0.2	0.2				1		
3737	1983	1x2m	S13/E12	30-40	shell	bead		0.6		0.1			1		
3738	1981	1x2m	S18/W12	50-60	shell	bead		0.7		0.1			22		North Wall only: 11 half
3739	1982	1x2m	S17/E6	80-90	shell	NA		0.7	0.5	0.1			1		
3740	1983	1x2m	S17/E4	20-30	flakedstone	utilizedflake	basalt						1		
3741	1983	1x2m	S18/W6	20-30	shell	NA		2.4	0.6	0.1		0.4	1		
3742	1982	1x2m	S17/E8	40-50	flakedstone	scraper	basalt	0.6	0.4	0.2			1		
3743	1982	1x2m	S14/W0	20-30	flakedstone	utilizedflake	MVporphyritic	0.3	0.1	0.1			1		
3744	1982	1x2m	S13/E10	50-60	pottery	TizonBrown							16		
3745	1982	1x2m	S13/E10	50-60	pottery	NA		1.7	1.0	0.4			1		DESERT BUFF
3746	1982	1x2m	S13/E10	50-60	groundstone	mano	basalt	6.0	5.6	4.0			1		
3747	1982	1x2m	S13/E10	50-60	flakedstone	chopper	other	7.0	5.5	3.6			1		
3748	1982	1x2m	S13/E10	50-60	flakedstone	debitage	obsidian	1.3	0.7	0.1		0.1	1		
3749	1983	1x2m	S18/W0	90-100	shell	NA		4.3	1.6	0.7			1		Drilled abalone fragment;
3750	1982	1x2m	S13/E6	40-50	shell	NA							2		SHELL WASTE FRAGS.
3751	1982	1x2m	S17/E12	20-30	flakedstone	NA	other	0.6	0.4	0.1			1		Andesite.
3752	1982	1x2m	S17/E8	30-40	shell	NA		2.5	1.2	0.6		1.4	1		
3753	1983	1x2m	S18/W6	40-50	shell	NA		0.5	0.4	0.1			1		
3754	1982	1x2m	S17/E12	20-30	flakedstone	debitage							2		
3755	ND	1x2m	S13/E12	10-20	shell	bead		0.5		0.1			1		
3756	1982	1x2m	S13/E6	40-50	shell	NA		1.7	0.9	0.2			1		Shell ornament? Possible
3757	1983	1x2m	S17/E4	20-30	groundstone	metate		0.8	0.5	0.7			1		
3758	ND	1x2m	S13/E12	10-20	shell	NA		0.5		0.1			1		
3759	1982	1x2m	S26/W4	50-60	shell	bead		0.5		0.1			7		3 are fused together
3760	1982	1x2m	S13/E6	40-50	shell	NA		1.7	1.0	0.2			1		
3761	1982	1x2m	S13/E10	50-60	flakedstone	debitage	obsidian	0.9	0.8	0.3		0.1	1		
3762	1982	1x2m	S13/E10	50-60	groundstone	pestle	granitic	8.6	8.6	6.5			1		POSSIBLE PESTLE FR
3763	1982	1x2m	S13/E10	50-60	flakedstone	utilizedflake	quartz	1.5	1.3	0.2			1		
3764	1982	1x2m	S26/W2	0-10	bone	NA							53		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3765	1982	1x2m	S14/W0	10-20	shell	bead		0.7	0.5	0.3			1		Whole olivella shell, poss
3766	1982	1x2m	S14/W2	20-30	shell	bead		1.5	0.8				1		Whole shell; possible bea
3767	1982	1x2m	S9/E8	10-20	shell	bead		1.3	0.7			0.4	1		Olivella bead
3768	1983	1x2m	S17/E4	20-30	shell	bead		0.3	0.6	0.2			1		
3769	1982	1x2m	S14/W0	40-50	shell	NA		1.7	0.8	0.7			1		
3770	1982	1x2m	S26/W0	30-40	shell	bead		0.3	0.6	0.2			1		
3771	1982	1x2m	S18/W2	20-30	shell	bead		1.7	1.0	0.8			1		Olivella shell; possible be
3772	1982	1x2m	S13/E6	40-50	flakedstone	utilizedflake	basalt	0.2	0.8	0.3			1		
3773	1982	1x2m	S26/W2	10-20	bone	NA							131		
3774	1983	1x2m	S17/E6	90-100	flakedstone	utilizedflake	basalt	2.7	2.6	0.8			1		
3775	1983	1x2m	S17/E6	90-100	flakedstone	scraper	other						1		
3776	1982	1x2m	S13/E6	40-50	flakedstone	utilizedflake	basalt	3.7	1.7	1.0			1		
3777	1983	1x2m	S14/W4	40-50	flakedstone	core	quartz	4.5	2.8	3.0			1		
3778	1982	1x2m	S14/W0	20-30	flakedstone	utilizedflake	jasper	1.0	0.8	0.1			1		
3779	1982	1x2m	S17/E6	80-90	flakedstone	scraper	basalt	6.4	6.0	2.0			1		
3780	1982	1x2m	S18/W0	50-60	flakedstone	tool							1		Drill, quartz crystal
3781	1983	1x2m	S14/W0	40-50	flakedstone	scraper	basalt	4.7	2.5	1.9			1		
3782	1983	1x2m	S17/E10	90-100	shell	NA		3.4	1.7				1		worked shell refuse,
3783	1982	1x2m	S18/W6		shell	bead		1.3	0.8	1.0			1		olivella shell bead
3784	1982	1x2m	S26/W4	60-70	shell	bead			0.5	0.1			2		olivella shell bead (disc)
3785	1985	1x2m	S18/W4	30-40	shell	bead		1.6	0.8	0.7			1	com	olivella
3786	1982	1x2m	S17/E12	10-20	shell	bead		1.5	0.7	0.1		0.5	1		olivella
3787	1982	1x2m	S13/E10	70-80	pottery	TizonBrown							6		
3788	1982	1x2m	S13/E10	70-80	flakedstone	core	basalt	5.5	3.9	2.8			1	frag	core frag
3789	1982	1x2m	S13/E10	70-80	flakedstone	scraper	green	5.6	4.0	2.0			1		possible scraper
3790	1982	1x2m	S13/E10	70-80	flakedstone	core	basalt	4.4	3.6	2.6			1		
3791	1982	1x2m	S13/E10	70-80	groundstone	mano	granitic	12.0	5.8	4.8			1	frag	lg amt mica
3792	1982	1x2m	S9/E8	10-20	shell	bead			0.6	0.1			1		olivella bead cylinder
3793	1983	1x2m	S13/E12	20-30	shell	bead		0.4	0.4	0.2			1		olivella
3794	1983	1x2m	S18/W2	20-30	shell	bead		1.2	1.0	0.1			1	com	olivella
3795	1983	1x2m	S18/W6	30-40	shell	bead		0.7	0.7	0.1			1		olivella
3796	1983	1x2m	S14/W0	40-50	shell	marine shell							2	frag	Abalone, color Iridescent
3797	1982	1x2m	S13/E8	30-40	shell	bead		1.4	0.8	0.6			1		abraded
3798	1982	1x2m	S17/E8	20-30	shell	bead		1.1	0.7	0.7		0.3	1		Olivella, burned,
3799	1983	1x2m	S18/W4	30-40	shell	bead		1.4	0.8	0.6			1	com	olivilla
3800	1983	1x2m	S18/W8	20-30	shell	bead		0.2	0.5				1		olivella barrel cut bead
3801	1982	1x2m	S13/E10	60-70	flakedstone	scraper	basalt	5.6	4.0	0.8			1		could dips be fingertip ho

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3802	1982	1x2m	S13/E10	60-70	pottery	TizonBrown							6		
3803	1982	1x2m	S13/E10	60-70	flakedstone	core	basalt	5.5	3.2	1.8			1	frag	
3804	1982	1x2m	S13/E10	60-70	flakedstone	core	basalt	6.0	5.5	2.0			1	frag	cobble core
3805	1982	1x2m	S13/E10	60-70	flakedstone	core	basalt	3.5	5.5	3.7			1	frag	cobble
3806	1982	1x2m	S14/W2	0-10	shell	bead		1.4	0.8	0.8			1		Olivella
3807	1983	1x2m	S17/E4	20-30	shell	marine shell		2.8	1.9	0.6		2.1	1		Chione, possible manufac
3808	1983	1x2m	S14/W2	30-40	shell	bead		0.7	0.4	0.3			1	com	olivella, abraded top
3809	1981	1x2m	S17/E6	10-20	shell	marine shell		1.8	0.9	0.9			1		olivella, manufacturing w
3810	1982	1x2m	S17/E6	10-20	shell	marine shell		1.1	0.5	0.5		0.2	1		olvella, manufacturing wa
3811	1983	1x2m	S18/W6	40-50	shell	bead		1.9	1.0	1.0			1	com	olivellia possible bead
3812	1983	1x2m	S14/W2	30-40	shell	bead		1.4	0.8	0.7			1	com	olivella, possible bead
3813	1983	1x2m	S17/E8	30-40	shell	bead		0.4	0.7				1	frag	olivella, barrel bead frag
3814	1982	1x2m	S13/E8	20-30	shell	bead		0.5	0.5	0.1			1		olivella, disc bead
3815	1982	1x2m	S13/E2	20-30	shell	bead		0.3	0.6				1		olivella, barrel bead.
3816	1983	Surface	shed area	surface	shell	bead		1.5	0.8	0.7			1	com	olivella, possible bead
3817	1982	1x2m	S18/W4	30-40	shell	bead		1.4	0.8	0.7			1	com	olivella, possible bead
3818	1983	1x2m	S9/E9	10-20	shell	bead		1.7	0.9	0.8		1.1	1	com	olivella, abraded top
3819	1983	1x2m	S17/E8	30-40	shell	bead		1.7	0.9	0.8		0.8	1	com	olivella, burned
3820	1983	1x2m	S26/W4	70-80	shell	bead		0.5	0.5	0.1			1		olivella, burned
3821	1983	1x2m	S14/W2	30-40	shell	bead		0.5	0.5	0.1			1		olivella
3822	1982	1x2m	S14/W0	30-40	shell	bead		1.6	0.9	0.7			1	com	olivella, abraded
3823	1982	1x2m	S18/W6	30-40	shell	bead		0.6	0.6	0.1			1		olivella, burned
3824	1982	1x2m	S9/E8	0-10	shell	bead		0.4	0.4	0.1			1		olivella, burned in all bea
3825	1982	1x2m	S26/W6	10-20	shell	bead		0.4	0.4	0.1			1		olivella, burned
3826	1982	Surface	S17 E12	surface	shell	bead		0.9	0.4	0.3			1	com	plivella, possible bead
3827	1982	1x2m	S26/W6	10-20	shell	bead		0.3	0.3	0.1			1		olivella, burned
3828	1982	1x2m	S18/W6		shell	bead		1.8	1.0	0.8			1	com	plivella, possible shell
3829	1982	1x2m	S18/W4	30-40	shell	bead		0.6	0.5	0.1			1		olivella, burned
3830	1983	1x2m	S17/E8	50-60	glass	bead		0.3	0.3	0.3			1	com	Irridescent blue- slightly
3831	1982	1x2m	S13/E10	30-40	pottery	TizonBrown		1.6	1.8	0.6			1	frag	Rim Sherd
3832	1982	1x2m	S17/E10	50-60	pottery	pipe		2.5	1.4				1	fragment/b	0..5-0.8 cm thickness
3833	1982	1x2m	S26/W0	40-50	pottery	pipe		3.0	1.5	0.8			1	fragment/b	
3834		1x2m	S17/E8	30-40	flakedstone	debitage	obsidian	0.9	0.9	0.4			1		
3835	1983	1x2m	S22/W8	50-60	bone	NA							2		snake vertebrae,
3836	1983	1x2m	S17/E6	80-90	bone	NA							3		Returned to bone bag,
3837		1x2m	S14/W0		bone	NA		0.6	0.2	0.6			1		Snake vertebra
3838	1981	1x2m	S22/W4	50-60	bone	NA		1.4	0.7	0.6			1		Snake vertebra,

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3839	1982	1x2m	S22/W8	60-70	bone	NA							5		Snake vertebrae
3840	1981	1x2m	S13/E6	10-20	bone	NA		0.8	1.1				1		Snake vertebra
3841	1982	1x2m	S17/E6	80-90	bone	NA		0.8	1.0				1		Snake vertebra,
3842	1982	1x2m	S26/W4	20-30	bone	NA		0.7	1.1				3		Snake vertebrae,
3843		1x2m	S18/W4	30-40	bone	NA		0.7	2.1	0.9			1		Snake vertebra,
3844	1983	1x2m	S13/E6	50-60	bone	NA		0.9	1.3				1		Snake vertebra
3845	1983	1x2m	S13/E8	40-50	bone	NA		0.7	1.5				1		Snake vertebra
3846	1983	1x2m	S17/E4	30-40	bone	NA							3		Snake vertebrae
3847	1982	1x2m	S13/E6	40-50	bone	NA							3		1 whole, 2 fragments
3848		1x2m	S13/E6	20-30	bone	NA		0.7	0.7				1		Snake vertebra
3849	1983	1x2m	S13/E12	30-40	pottery	TizonBrown		1.7	1.3	0.5			1	frag	
3850	1983	1x2m	S17/E8	20-30	bone	NA							1		Large canine tooth root,
3851	1981	1x2m	S17/E10	20-30	bone	NA		0.8	0.7	0.4			1	fragment/b	butchered
3852		1x2m	S13/E6	40-50	bone	NA		1.8	1.4	0.4			1	frag	butchered
3853	1983	1x2m	S13/E6	30-40	bone	NA		2.8	1.4	0.4			1	frag	butchered
3854	1982	1x2m	S14/W2	10-20	bone	NA		2.2	1.3	0.5			1	frag	Possible butchered bone
3855	1983	1x2m	S18/W0	20-30	bone	NA		1.8	0.4	0.2			1		Polished bone, burned
3856	1982	1x2m	S13/E12	0-10	pottery	TizonBrown							7	frag	
3857	1982	1x2m	S13/E12	0-10	flakedstone	debitage	quartz	1.0	1.0	0.1			1		Micro-flake
3858	1982	1x2m	S13/E12	10-20	pottery	TizonBrown							41	frag	
3859		1x2m	S26/W4	10-20	bone	NA		1.6	1.0	0.2			1	frag	Butchered
3860	1983	1x2m	S18/W0	10-20	bone	NA		0.9	0.3	0.2			1	frag	polished bone, gray
3861	1982	1x2m	S22/W8	50-60	bone	NA		1.8	1.2	0.4			1	frag	Butchered bone,
3862	1982	1x2m	S22/W8	50-60	bone	NA		1.6	1.3	0.3			1	frag	Butchered bone,
3863	1982	1x2m	S13/E12	10-20	pottery	TizonBrown		2.2	1.1	0.5			1	frag	Pottery Rim Sherd
3864	1982	1x2m	S13/E12	10-20	pottery	TizonBrown		1.1	1.1	0.5			1	frag	Pottery Rim Sherd
3865	1982	1x2m	S13/E12	10-20	pottery	TizonBrown		1.8	1.7	0.3			1	frag	
3866	1982	1x2m	S13/E12	10-20	flakedstone	debitage	obsidian	0.4	0.4	0.1			1		Micro-flake
3867	1982	1x2m	S13/E12	10-20	flakedstone	debitage	obsidian	0.5	0.4	0.1			1		
3868	1982	1x2m	S13/E12	10-20	flakedstone	debitage	obsidian	0.8	0.5	0.1			1		Micro-flake
3869	1982	1x2m	S13/E12	10-20	flakedstone	utilizedflake	basalt	2.3	2.0	0.4			1		
3870	1982	1x2m	S13/E12	10-20	flakedstone	utilizedflake	basalt	2.3	2.1	0.3			1		
3871	1983	1x2m	S13/E12	20-30	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
3872	1982	1x2m	S26/W10	0-10	flakedstone	utilizedflake	other	3.4	2.0				1		Rhyolite
3873	1982	1x2m	S13/E10	40-50	shell	bead		0.4	0.4	0.1			1		Olivella Disk
3874	1982	1x2m	S14/W0	20-30	bone	NA							176	frag	
3875	1982	1x2m	S14/W0	20-30	pottery	TizonBrown							21	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3876	1982	1x2m	S14/W0	20-30	flakedstone	utilizedflake	basalt	3.6	1.4	0.9			1		
3877	1982	1x2m	S26/W10	0-10	pottery	TizonBrown							3	frag	
3878	1982	1x2m	S17/E4	20-30	flakedstone	utilizedflake	other	3.6	2.5	0.5			1		MV Felsite
3879	1982	1x2m	S18/W2	10-20	flakedstone	utilizedflake	basalt	6.4	5.0	1.0			1		
3880	1983	1x2m	S14/W0	40-50	flakedstone	utilizedflake	basalt	1.9	1.3	0.1			1		
3881	1983	1x2m	S14/W0	40-50	flakedstone	utilizedflake	basalt	1.7	1.2	0.2			1		
3882	1982	1x2m	S14/W0	0-10	pottery	TizonBrown							1	frag	
3883	1983	1x2m	S13/E12	20-30	flakedstone	debitage	obsidian	1.0	0.6	0.1			1		
3884	1982	1x2m	S14/W0	0-10	shell	marine shell						1.7	8	frag	
3885	1982	1x2m	S14/W0	0-10	bone	NA							13	frag	
3886	1982	1x2m	S14/W0	30-40	flakedstone	scraper	basalt	3.7	4.0	0.6			1		no count listed,
3887	1983	1x2m	S17/E6	90-100	flakedstone	utilizedflake	MVporphyritic	2.6	2.1	0.6			1		count not listed
3888	1982	1x2m	S26/W10	10-20	bone	NA							51	frag	
3889	1982	1x2m	S26/W10	10-20	flakedstone	scraper	basalt	2.8	1.8	0.7			1		
3890	1982	1x2m	S26/W4	50-60	shell	bead				0.1			5	whole/b	Width: 0.5-0.6 cm
3891	1982	1x2m	S26/W10	10-20	pottery	TizonBrown							17	frag	
3892	1982	1x2m	S26/W10	20-30	pottery	TizonBrown							30	frag	3 light, 1 piece shows coil
3893	1982	1x2m	S26/W10	20-30	flakedstone	debitage	basalt	0.5	0.5	0.1			1		Micro-flake
3894	1983	1x2m	S18/W6	40-50	bone	ornament		6.9	2.0	0.7			1	frag	Bone with butcher and tee
3895		1x2m	S17/E6	20-30	bone	ornament		2.0	0.7	0.5			1	fragment/b	Butcher marks, possible s
3896	1982	1x2m	S26/W10	40-50	pottery	TizonBrown							8	frag	
3897		1x2m	S26/W10	20-30	bone	tool		5.4	2.5	0.7			1		Bone with striations
3898	1982	1x2m	S22/W8	50-60	bone	NA		2.9	1.2	0.6			1		polished bone, partially b
3899	1982	1x2m	S26/W10	30-40	pottery	TizonBrown							18	frag	
3900	1982	1x2m	S26/W10	30-40	pottery	NA		2.2	0.9	0.5			1	frag	Pottery sherd, possible De
3901	1983	1x2m	S26/W10	50-60	pottery	TizonBrown							8	frag	
3902	1983	1x2m	S26/W10	50-60	flakedstone	debitage	basalt	0.4	0.3	0.1			157		micro-flake
3903	1982	1x2m	S13/E8	20-30	groundstone	arrowshaftstr		7.6	7.3	3.6			1		schist?, abraded stone, U
3904	1983	1x2m	S13/E12	20-30	flakedstone	debitage	quartzite	4.0	2.8	1.6			1		
3905	1982	1x2m	S17/E12	20-30	groundstone	NA	other	7.8	5.0	4.1			1	frag	Possible steatite, possible
3906	1982	1x2m	S26/W6	0-10	pottery	TizonBrown							4	frag	
3907	1983	1x2m	S17/E10	90-100	flakedstone	core	other	5.0	3.2	3.9			1		MV, expended core, ande
3908	1983	1x2m	S17/E8	20-30	bone	NA		1.2	0.8	0.3			1	frag	Tooth root, possibly hum
3909		1x2m	S17/E4	20-30	flakedstone	core	basalt	4.0	2.7	1.0			1	frag	
3910	1983	1x2m	S9/E8	20-30	pottery	pipe		1.4	0.8	0.1			1	frag	Tizon Brown, found in so
3911	1983	1x2m	S9/E8	20-30	pottery	pipe		2.0	1.1	0.1			1	frag	Tizon Brownware, found
3912	1983	1x2m	S22/W2	20-30	flakedstone	utilizedflake	quartz	2.8	1.4	0.4			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3913	1982	1x2m	S17/E4	10-20	flakedstone	debitage	chalcedony	2.3	1.9	0.7			1		20E, 27S, 11 deep
3914		1x2m	S26/W4	60-70	groundstone	mano	granitic	9.5	5.6	4.4			1	frag	
3915	1983	1x2m	S17/E6	90-100	shell	marine shell		1.4	1.1	0.4			1	frag	abalone
3916	1982	1x2m	S18/W4	30-40	bone	NA							1		Jaw and teeth, possible po
3917	1982	1x2m	S26/W6	10-20	bone	NA							3	frag	Deer tooth
3918	1982	1x2m	S26/W4	40-50	pottery	TizonBrown							28	frag	
3919		1x2m	S117/E90	surface	flakedstone	debitage	other					0.1	1		MV, unit # from main dat
3920	1982	1x2m	S14/W0	0-10	flakedstone	debitage	other						10		Dacite-.07, Andesite- .02
3921		1x2m	S13/E8	0-10	flakedstone	debitage	chalcedony					0.1	1		pink, gray and white with
3922	1982	1x2m	S5/E6	0-40	flakedstone	debitage	varied					1.1	11		
3923		1x2m	S9/E6	0-10	flakedstone	debitage	varied					83.0	316		
3924	1983	1x2m	S14/W0	40-50	flakedstone	utilizedflake	other	22.0	19.0	3.0			1		MV
3925	1982	1x2m	S26/W4	50-60	other	other		1.1	1.0	0.7			1		Iron oxide nodule
3926	1982	1x2m	S26/W4	40-50	flakedstone	utilizedflake	basalt	3.3	3.5	0.7			1		
3927	1982	1x2m	S26/W4	40-50	flakedstone	core	basalt	6.8	4.6	2.1			1	frag	
3928	1982	1x2m	S26/W4	40-50	flakedstone	debitage	quartzite	3.0	2.3	0.9			1		
3929	1982	1x2m	S26/W4	40-50	flakedstone	core	other	4.0	2.0	2.0			1		
3930	1982	1x2m	S26/W4	40-50	flakedstone	core	quartz	4.0	2.3	0.9			1		Object crossed out on arti
3931		1x2m	S17/E12	20-30	soilsample	NA							1		white, possible ash
3932	1982	1x2m	S9/E8	10-20	metal	nail/tack		4.6	0.7	0.7			1		Square nail
3933	1982	1x2m	S13/E6	40-50	flakedstone	debitage	quartz	0.6	0.4	0.1			1		Micro-flake
3934	1982	1x2m	S13/E6	40-50	flakedstone	debitage	chert	0.7	0.5	0.1			1		Micro-flake
3935	1982	1x2m	S17/E6	50-60	bone	NA		1.3	0.6	0.5			1		polished bone, burned
3936	1982	1x2m	S26/W4	40-50	flakedstone	utilizedflake	quartz	1.4	1.4	0.2			1		
3937	1982	1x2m	S26/W4	40-50	flakedstone	utilizedflake	other	1.8	1.2	0.1			1		MV
3938	1982	1x2m	S26/W4	40-50	flakedstone	debitage	basalt	0.5	0.5	0.1			1		Micro-flake
3939	1982	1x2m	S18/W4	10-20	flakedstone	debitage	chalcedony					0.7	1		
3940	1981	1x2m	S18/W0	0-10	flakedstone	debitage	varied					7.0	23		
3941	1982	1x2m	S5/E6	0-40	flakedstone	debitage	varied					0.2	4		Found in North wall
3942	1981	1x2m	S26/W12	0-10	flakedstone	debitage	varied					0.2	2		
3943		1x2m	S14/W8	0-10	flakedstone	debitage	varied					17.2	34		
3944	1981	1x2m	S26/W8	0-10	flakedstone	debitage	varied					2.0	2		
3945	1982	1x2m	S26/W10	0-10	flakedstone	debitage	varied					2.0	3		
3946	1981	1x2m	S22/W8	0-10	flakedstone	debitage	quartz					1.1	2		
3947		1x2m	S9/E6	0-10	flakedstone	debitage	other					10.3	1		MV, well patinated
3948	1981	1x2m	S26/W4	0-10	flakedstone	debitage	varied					0.4	2		
3949	1982	1x2m	S26/W2	0-10	flakedstone	debitage	obsidian					0.2	1		MV

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3950	1982	1x2m	S26/W4	50-60	flakedstone	core	basalt	6.5	3.0	1.2			1		
3951	1982	1x2m	S26/W4	50-60	flakedstone	core	MVporphyritic	5.4	3.0	1.7			1		
3952	1982	1x2m	S26/W4	50-60	flakedstone	core	basalt	3.8	2.4	2.4			1		
3953	1982	1x2m	S26/W4	50-60	flakedstone	utilizedflake	basalt	3.1	1.9	0.2			1		
3954	1982	1x2m	S26/W4	50-60	flakedstone	debitage	other	0.7	0.5	0.1			1		Feisite micro-flake
3955	1982	1x2m	S26/W4	50-60	flakedstone	debitage	chalcedony	0.7	0.8	0.1			1		Micro-flake
3956	1982	1x2m	S26/W4	50-60	flakedstone	utilizedflake	basalt	1.5	1.0	0.1			1		
3957	1982	1x2m	S26/W4	50-60	flakedstone	utilizedflake	basalt	1.7	1.1	0.1			1		
3958	1982	1x2m	S26/W4	50-60	bone	NA		1.5	0.5	0.1			3	fragment/b	cut and burnt with possibl
3959	1981	1x2m	S9/E6	0-10	flakedstone	debitage	varied					49.4	263		
3960	1982	1x2m	S13/E12	0-10	flakedstone	debitage	varied					6.6	27		
3961	83	1x2m	S22/W0	0-10	flakedstone	debitage	varied					5.7	14		
3962	82	1x2m	S13/E6	40-50	flakedstone	scraper	basalt	7.5	5.6	4.2			1		Dark grey, domed
3963	1982	1x2m	S9/E8	0-10	flakedstone	scraper	basalt	5.2	3.7	1.3			1		Fine grained Basalt side s
3964	1983	1x2m	S9/E8	40-45	seeds	NA							1		Charred seeds, Chenopod
3965	1983	1x2m	S9/E8	40-45	seeds	NA							2		Flotation, 1mm screen
3966	1983	1x2m	S9/E8	30-35	seeds	NA							1		Fltation, 1mm screen
3967	1983	1x2m	S9/E8	45-50	seeds	NA							2		
3968	1983	1x2m	S9/E8	85-90	seeds	NA							1		Flotation, 2mm screened
3969	1983	1x2m	S26/W4	70-80	pottery	TizonBrown		3.2	1.6	0.5			1		Sherd
3970	1983	1x2m	S26/W4		flakedstone	projectilept	quartz	1.0	0.8	0.2		0.2	1		Mid section
3971	1982	1x2m	S26/W4	60-70	flakedstone	debitage	basalt	0.9	0.7	0.1			1		Micro flake
3972	1982	1x2m	S26/W4	60-70	pottery	TizonBrown							6		Sherd
3973	1982	1x2m	S18/W6	20-30	flakedstone	utilizedflake	basalt	3.4	1.3	0.3			1		Black, 20W 18S D.25cm
3974	1982	1x2m	S18/W6	20-30	shell	marine shell		1.2	1.0	0.1			1	frag	Abalone, iridescent white
3975	1982	1x2m	S17 E12	20-30	bone	NA		0.5	0.3				2		Snake vertibrae
3976	1982	1x2m	S14/W0	20-30	flakedstone	debitage	chalcedony	0.7	0.5	0.3			1		possible Burin
3977	1982	1x2m	S26/W10	40-50	bone	NA							177	fragment/b	
3978	1083	1x2m	S26/W10	30-40	bone	NA							541	fragment/b	
3979	1982	1x2m	S26/W10	40-50	flakedstone	scraper	basalt	8.0	5.0	2.0			1		
3980	1982	1x2m	S26/W10	10-20	flakedstone	scraper	basalt	2.5	2.3	0.8			1		
3981	1982	1x2m	S26/W10	20-30	flakedstone	debitage	basalt	3.5	3.1	1.7			1		BASALT COBBLE
3982	1982	1x2m	S26/W10	20-30	flakedstone	scraper	basalt	5.1	2.5	2.8			1		
3983	1982	1x2m	S18/W2	20-30	bone	NA		15.2	2.1	0.6			1	fragment/b	possible flesher, large bon
3984	1982	1x2m	S26/W10	20-30	bone	NA							370	fragment/b	
3985	1983	1x2m	S17/E4	20-30	metal	NA		0.5	0.3	0.1			1	frag	dark brown
3986	1986	1x2m	S17/E12	50-60	flakedstone	utilizedflake	quartzite	1.7	1.6	0.3			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
3987	1982	1x2m	S13/E12	10-20	flakedstone	debitage	basalt	2.1	1.2	0.2			1		
3988	1983	1x2m	S18/W4	30-40	histceramic	NA							2	frag	Leather
3989	1982	1x2m	S17/E6	80-90	flakedstone	debitage	chert	0.6	0.5	0.1			1		
3990	1982	1x2m	S9/E8	10-20	histceramic	NA		7.5	0.8	0.4			1		found in screen
3991	1983	1x2m	S26/W2	10-20	flakedstone	utilizedflake	chert	4.1	2.5	0.8			1		
3992	1983	1x2m	S26/W2	surface	pottery	TizonBrown		1.6	1.2	0.4			1		Rim sherd
3993	1983	1x2m	S17/E8	60-70	pottery	NA		3.5	3.0	0.4			1	frag	Rim sherd
3994	1983	1x2m	S17/E4	20-30	pottery	TizonBrown		1.6	1.4	0.6			1	frag	Rim sherd
3995	1983	1x2m	S22/W2	10-20	pottery	pipe		2.5	1.6	0.3			1	frag	Possible pipe, tan
3996		1x2m	S17/E6	60-70	glass	NA		1.5	0.9	0.6			1		Glass mass, possible bead
3997	1983	1x2m	S26/W6	20-30	shell	bead		0.5	0.5	0.1			1		Olivella disc bead
3998		1x2m	S17/E8	50-60	flakedstone	projectilept	basalt					5.7	1		Possible point blank, coul
3999	1983	1x2m	S26/W2	20-30	shell	bead		0.5	0.5	0.1			1		Olivella disc bead
4000	1983	1x2m	S26/W2	20-30	shell	bead		0.8	0.7	0.1			1		Olivella disc bead
4001	1983	1x2m	S26/W2	20-30	groundstone	bead	soapstone	0.5	0.5	0.2			1	whole/b	Steatite, cylinder
4002	1983	1x2m	S26/W0	80-90	flakedstone	projectilept	quartz	1.5	0.9	0.2		0.5	1		Projectile point tip
4003	1983	1x2m	S22/W2	10-20	pottery	TizonBrown		4.0	3.0	0.5			1		Rim Sherd
4004	1983	1x2m	S22/W6	10-20	flakedstone	scraper	quartz	2.0	2.0	0.8			1		
4005	1983	1x2m	S26/W6	20-30	pottery	TizonBrown		1.6	1.0	0.5			1	frag	rim
4006	1983	1x2m	S17/E4	30-40	shell	bead		1.1	0.6	0.1			1	frag	Spire-lopped olivella bea
4007	1983	1x2m	S9/E8	30-35 cm	groundstone	bead	soapstone	0.1	0.1	0.1			1	frag	Steatite bead, F Lot
4008	1983	1x2m	S26/W2	20-30	pottery	TizonBrown		2.9	2.4	0.8			1	frag	Rim
4009	1983	1x2m	S26/W2	20-30	flakedstone	projectilept	quartz	1.4	0.8	0.3		0.3	1		Small, thin triangular proj
4010	1983	1x2m	S17/E4	30-40	flakedstone	projectilept	obsidian	0.6	0.5	0.4		0.2	1		
4011	1982	1x2m	S26/W2	10-20	flakedstone	debitage	other	1.4	1.1	0.4			1		Rhyolite
4012	1982	1x2m	S26/W2	10-20	flakedstone	utilizedflake	other	1.8	1.2	0.2			1		Rhyolite
4013	1982	1x2m	S26/W2	10-20	pottery	TizonBrown							33	frag	
4014	1982	1x2m	S22/W4	90-100	bone	NA		1.2	1.3	0.3			54	frag	
4015	1983	1x2m	S26/W2	10-20	pottery	ColoradoBuff		1.4	1.1	0.6			1	frag	Rim
4016	1983	1x2m	S17/E4	20-30	charcoal	NA						3.7	9999		
4017	1983	1x2m	S26/W6	20-30	charcoal	NA						38.3	9999		
4018	1983	1x2m	S17/E4	20-30	flakedstone	scraper	basalt	4.0	2.2	0.5			1		
4019	1983	1x2m	S17/E4	20-30	pottery	TizonBrown							23		
4020	1983	1x2m	S17/E4	20-30	bone	NA							164		
4021	1983	1x2m	S26/W0	80-90	charcoal	NA						20.9	9999		
4022	1983	1x2m	S26/W0	80-90	pottery	TizonBrown		1.8	1.2	0.5			1		Rim
4023	1982	1x2m	S22/W4	80-90	bone	NA							20	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4024	1983	1x2m	S26/W0	80-90	pottery	TizonBrown							7	frag	
4025	1983	1x2m	S26/W0	80-90	bone	NA							41		
4026	1982	1x2m	S22/W4	80-90	pottery	TizonBrown							6	frag	
4027	1982	1x2m	S22/W4	80-90	pottery	TizonBrown		2.2	1.4	0.5			1	frag	Rim
4028	1982	1x2m	S22/W4	80-90	charcoal	NA						12.1	9999		
4029	1983	1x2m	S26/W6	30-40	shell	marine shell		0.3		0.1			1		Clam disc bead
4030	1982	1x2m	S26/W2	0-10	flakedstone	debitage	chalcedony	1.2	1.0	0.1			1	frag	
4031	1982	1x2m	S26/W2	0-10	pottery	TizonBrown							11	frag	
4032		1x2m	S22/W6	0-10	bone	NA							17	frag	
4033		1x2m	S22/W6	0-10	pottery	TizonBrown		1.0	0.8	0.5			1	frag	
4034	1982	1x2m	S13/E6	40-50	pottery	TizonBrown							24	frag	
4035	1983	1x2m	S26/W0	90-100	bone	NA							12		
4036	1983	1x2m	S26/W0	90-100	charcoal	NA						4.4	9999		
4037	1982	1x2m	S9/E8	10-20	flakedstone	retouchedflake	basalt	1.2	0.5	0.1			1		
4038	1982	1x2m	S17/E4	10-20	shell	marine shell						1.8	1	frag	chione
4039	1983	1x2m	S26/W0	100-110	bone	NA							5	frag	
4040	1983	1x2m	S26/W0	100-110	pottery	TizonBrown							1	frag	
4041	1983	1x2m	S26/W6	20-30	shell	marine shell		3.1	1.5	0.1			1	frag	altered-possible pendant f
4042	1983	1x2m	S26/W0	100-110	charcoal	NA						0.9	9999		
4043	1983	1x2m	S26/W0	110-120	charcoal	NA						5.4	9999		
4044	1982	1x2m	S9/E8	0-10	metal	nail/tack		0.9	0.8	0.4			1		square nail head
4045	1983	1x2m	S26/W0	110-120	flakedstone	core		3.4	1.9	1.4			1	frag	
4046	1983	1x2m	S26/W0	110-120	bone	NA							11		
4047	1983	1x2m	S26/W0	110-120	pottery	TizonBrown							1	frag	
4048	1983	1x2m	S26/W0	120-130	bone	NA		1.5	0.8	0.3			1	frag	polished
4049	1983	1x2m	S17/E4	30-40	charcoal	NA						6.3	9999		see 4486
4050	1983	1x2m	S17/E4	30-40	pottery	TizonBrown							27	frag	
4051	1983	1x2m	S17/E4	30-40	groundstone	mano	granitic	5.0	3.0	3.2			1	frag	
4052	1982	1x2m	S13/E6	40-50	flakedstone	debitage	basalt	0.4	0.4	0.1			1		microflake
4053	1982	1x2m	S13/E6	40-50	flakedstone	debitage	basalt	0.5	0.4	0.1			1		microflake
4054	1983	1x2m	S17/E4	30-40	flakedstone	debitage	other	3.2	1.4	0.2		1.0	1		Rhyolite
4055	1983	1x2m	S17/E4	30-40	bone	NA		0.8	1.2	0.7			1		fish vertebra
4056	1983	1x2m	S17/E4	30-40	flakedstone	projectilept	quartz	1.2	1.2	0.1		1.1	1	frag	base
4057	1983	1x2m	S17/E12	40-50	shell	marine shell		2.3	1.7	0.3			1		altered limpet shell,
4058	1983	1x2m	S17/E4	30-40	flakedstone	biface	quartz	2.2	1.0	0.1			1	frag	blade flake
4059	1983	1x2m	S26/W2	20-30	charcoal	NA						13.2	9999	frag	
4060	1983	1x2m	S26/W2	20-30	flakedstone	debitage	chalcedony	0.6	0.5	0.1			1		micro-flake

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4061	1983	1x2m	S17/E4	30-40	bone	NA							164	frag	
4062	1983	1x2m	S14/W8	30-40	bone	NA		1.8	1.0	0.8			1		deer tooth
4063	1983	1x2m	S26/W2	20-30	bone	NA		1.8	1.8	1.0			9999	frag	tooth
4064	1983	1x2m	S26/W2	20-30	pottery	TizonBrown							54	frag	
4065	1983	1x2m	S26/W2	20-30	bone	NA							83	fragment/b	
4066	1983	1x2m	S26/W2	20-30	pottery	TizonBrown		1.8	1.1	0.4			1	frag	
4067	1982	1x2m	S26/W2	20-30	pottery	NA		3.5	1.8				1		Desert Buff
4068	1983	1x2m	S26/W2	20-30	bone	NA		0.3	0.4	0.3			1		fish vertebra
4069	1983	1x2m	S22/W6	20-30	pottery	pipe		2.8	1.4	0.5			1	frag	
4070	1983	1x2m	S26/W2	20-30	bone	NA		2.3	0.7	0.3			1	frag	
4071	1983	1x2m	S26/W6	20-30	bone	NA							105	frag	
4072	1983	1x2m	S26/W6	20-30	bone	NA		1.9	0.5	0.6			1		Fabricator tip
4073	1983	1x2m	S26/W6	20-30	flakedstone	core	quartz	2.7	2.5	2.3			1	frag	
4074	1983	1x2m	S26/W6	20-30	flakedstone	utilizedflake	chalcedony	1.3	1.3	0.1			1		
4075	1983	1x2m	S26/W6	20-30	pottery	TizonBrown							22	frag	
4076	1983	1x2m	S17/E12	60-70	flakedstone	projectilept	chalcedony	1.7	1.8	0.4		1.8	1	frag	base (bifacial)
4077	1983	1x2m	S26/W6	30-40	flakedstone	projectilept	chert	1.8	1.2	0.2		0.6	1	frag	no tip
4078	1983	1x2m	S17/E12	60-70	flakedstone	projectilept	basalt	3.6	1.6	0.3		1.6	1		no tip
4079	1983	1x2m	S17/E4	40-50	flakedstone	scraper	other	3.9	2.8	0.5			1	com	Rhyolite, blade scraper
4080		Surface		surface	flakedstone	scraper	basalt	4.9	3.6	1.5			1		North of shed
4081	1983	1x2m	S26/W2	20-30	pottery	TizonBrown		6.1	4.0	0.7			1	frag	sherd with 3 fingerprints
4082	1983	1x2m	S26/W2	20-30	pottery	NA		2.0	1.8	0.5			1	frag	Desert Buff
4083	1983	1x2m	S26/W2	20-30	flakedstone	utilizedflake	basalt	1.8	1.3	0.1			1		
4084	1982	1x2m	S26/W2	20-30	flakedstone	utilizedflake	basalt	2.2	1.5	0.1			1		
4085	1983	1x2m	S26/W2	20-30	flakedstone	scraper	basalt	1.8	1.6	0.3			1		thumbnail scraper
4086	1983	1x2m	S26/W2	20-30	flakedstone	core	basalt	4.1	3.7	2.5			1	frag	
4087	1983	1x2m	S26/W2	20-30	shell	bead		1.6	0.9	0.1		0.9	1	com	Olivella
4088	1983	1x2m	S17/E12	60-70	flakedstone	projectilept	basalt	2.5	1.9	0.2		1.1	1	frag	Missing tip and one fin
4089	1983	1x2m	S26/W2	20-30	flakedstone	biface	quartz	2.1	1.6	0.2		0.6	1		blank or basal fragment of
4090	1982	1x2m	S17/E6	70-80	shell	marine shell							2	frag	Haliotis
4091	1983	1x2m	S18/W6	40-50	shell	marine shell							1	frag	Haliotis
4092	1983	1x2m	S26/W4	70-80	shell	bead			0.5	0.1			4	com	Olivella disk
4093	1983	1x2m	S22/W6	10-20	pottery	TizonBrown		2.0	1.5	0.5			1	frag	rim
4094	1983	1x2m	S26/W6	30-40	pottery	TizonBrown		2.4	2.3	0.7			1	frag	rim
4095	1983	1x2m	S22/W6	10-20	pottery	TizonBrown		3.2	2.0	0.5			1	frag	rim
4096	1983	1x2m	S26/W2	20-30	pottery	TizonBrown		4.3	1.9	0.5			1	frag	rim
4097	1983	1x2m	S17/E4	40-50	pottery	TizonBrown		2.6	1.9	0.4			1	frag	rim

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4098	1983	1x2m	S22/W6	30-40	pottery	TizonBrown		1.4	1.2	0.4			1	frag	Rim
4099	1983	1x2m	S26/W6	30-40	pottery	TizonBrown		1.4	1.1	0.4			1	frag	Rim
4100	1983	1x2m	S26/W4	70-80	pottery	TizonBrown		3.4	3.5	0.5			1	frag	Rim
4101	1983	1x2m	S26/W6	30-40	pottery	TizonBrown		1.3	0.8	0.5			1	frag	Rim
4102	1983	1x2m	S26/W2	30-40	pottery	TizonBrown		2.1	1.6	0.6			1	frag	Rim
4103	1983	1x2m	S22/W6	20-30	pottery	TizonBrown		3.6	2.1	0.6			1	frag	Rim
4104	1983	1x2m	S26/W6	30-40	other	other	granitic	1.2	0.5	0.3			1	frag	Possible gaming piece fra
4105	1983	1x2m	S22/W6	20-30	pottery	TizonBrown		1.6	1.3	0.6			1	frag	Rim
4106	1983	1x2m	S22/W6	20-30	pottery	TizonBrown		4.1	3.1	0.5			1	frag	Rim
4107	1983	1x2m	S22/W6	30-40	pottery	NA		5.7	5.0	0.6			1	frag	Rim
4108	1983	1x2m	S17/E4	30-40	pottery	TizonBrown		6.7	6.2	0.5			1	frag	Rim
4109	1983	1x2m	S26/W4	20-30	pottery	TizonBrown		3.7	3.5	0.5			1	frag	
4110	1983	1x2m	S22/W6	20-30	shell	bead			0.7	0.1			1	com	olivella disk
4111	1983	1x2m	S22/W6	20-30	pottery	NA		7.2	3.6	0.5			1	frag	Desert Buff, altered sher
4112	1983	1x2m	S22/W6	20-30	pottery	pipe		2.5	1.9	1.0			1	frag	polished
4113	1983	1x2m	S17/E4	40-50	pottery	NA		2.5	1.4	0.9			1	frag	Effigy
4114	1983	1x2m	S22/W6	20-30	pottery	pipe		2.0	1.1	0.6			1	frag	
4115	1983	1x2m	S17/E4	40-50	flakedstone	scraper	MVporphyritic	4.0	3.5	1.2			1		Volcanic cobble
4116	1983	1x2m	S17/E8	60-70	shell	bead			0.4	0.1			1	com	Olivella disk
4117	1983	1x2m	S17/E4	40-50	flakedstone	scraper	MVporphyritic	5.0	5.2	0.3			1		Felsite, flake scraper
4118	1983	1x2m	S17/E12	60-70	flakedstone	utilizedflake	basalt	3.1	1.8	0.3		1.0	1		
4119	1983	1x2m	S26/W4	70-80	shell	bead							2	com	Olivella disk, width: 0.4-0
4120	1983	1x2m	S17/E4	50-60	flakedstone	tool	basalt	3.2	2.6	0.3			1		Hafting tool
4121	1983	1x2m	S26/W2	40-50	shell	bead				0.1			16	com	Olivella disk, width: 0.4-0
4122	1983	Surface		surface	groundstone	metate	granitic	9.5	6.5	7.5			1	frag	South-east corner of site
4123	1983	1x2m	S26/W2	surface	groundstone	metate	granitic	22.0	21.0	6.0			1	frag	
4125	1983	1x2m	S16/E10	surface	groundstone	metate	granitic	21.5	13.5	10.5			1	frag	Cave in deposit
4126	1983	1x2m	S17/E4	60-70	flakedstone	chopper	basalt	9.6	7.1	2.8			1		
4127	1983	1x2m	S17/E4	60-70	flakedstone	utilizedflake	other	5.0	4.2	1.0			1		MV, (utilized) flake, scra
4128	1983	1x2m	S17/E12	70-80	flakedstone	scraper	basalt	6.0	5.0	2.0			1		porphyritite basalt
4129	1983	1x2m	S17/E8	60-70	flakedstone	scraper	unidentified	6.5	6.8	1.6			1		
4130	1983	1x2m	S17/E12	70-80	flakedstone	utilizedflake	other	2.9	2.0	0.5			1		possible beak
4131	1983	1x2m	S22/W6	40-50	flakedstone	scraper	MVporphyritic	2.7	1.6	0.6			1		Small end, feisite (andesit
4132	1983	1x2m	S26/W6	60-70	flakedstone	scraper	basalt	3.5	3.5	0.9			1		
4133	1983	1x2m	S26/W6	40-50	flakedstone	scraper	MVporphyritic	4.3	3.5	1.2			1		Feisite
4134	1983	1x2m	S22/W6	30-40	flakedstone	scraper	unidentified	5.2	5.0	1.7			1		
4135	1983	1x2m	S17/E12	70-80	flakedstone	scraper	basalt	3.9	3.3	1.3			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4136	1983	1x2m	S17/E12	70-80	flakedstone	scraper	MVporphyritic	3.5	1.8	0.6			1		Feisite
4137	1983	1x2m	S17/E4	60-70	flakedstone	scraper	basalt	3.9	2.9	1.0			1		
4138	1983	1x2m	S17/E4	50-60	flakedstone	scraper	basalt	6.6	5.4	1.6			1		
4139	1983	1x2m	S26/W4	70-80	plastic	NA		2.2	2.0	2.0			1	frag	Plastic tube, weed eater
4140	1983	1x2m	S26/W6	50-60	groundstone	mano	granitic	8.2	5.0	3.5			1	frag	biov
4141	1983	1x2m	S18/E14	surface	groundstone	NA	granitic	9.3	9.2	4.2			1		milling stone
4143	1983	1x2m	S17/E4	30-40	groundstone	mano	basalt	4.3	4.8	2.0			1	frag	
4144	1983	1x2m	S17/E4	30-40	flakedstone	core	basalt	6.5	5.0	1.9			1	frag	Porphyritic
4145	1983	1x2m	S26/W2	70-80	groundstone	NA	other	4.3	3.1	1.2			1	frag	Cobble
4146	1983	Surface		surface	groundstone	mano	quartz	5.0	4.9	4.1			1	frag	SE corner of site
4149	1983	1x2m	S22/W6	40-50	pottery	TizonBrown		5.0	2.5	0.7			1	frag	Rim
4150	1983	1x2m	S26/W6	40-50	pottery	NA		3.3	3.5	0.5			1	frag	Desert Buff, rim
4151	1983	1x2m	S17/E4	30-40	flakedstone	core	basalt	6.1	2.6	2.1			1	frag	
4152	1983	1x2m	S22/W6	30-40	pottery	TizonBrown		4.1	3.7	0.6			1	frag	rim
4153	1983	1x2m	S17/E4	60-70	pottery	TizonBrown		3.9	2.4	0.8			1	frag	Rim
4154	1983	1x2m	S26/W2	40-50	pottery	TizonBrown		2.0	1.7	0.4			1	frag	incised
4155	1983	1x2m	S17/E8	60-70	pottery	TizonBrown		2.1	1.1	0.4			1	frag	
4156	1983	1x2m	S22/W6	30-40	pottery	TizonBrown		3.0	2.2	0.5			1	frag	
4157	1983	1x2m	S17/E4	50-60	pottery	TizonBrown		2.5	2.4	0.6			1	frag	Rim
4158	1983	1x2m	S17/E4	50-60	pottery	TizonBrown		6.5	3.5	0.6			1	frag	Rim
4159	1983	1x2m	S22/W6	30-40	pottery	TizonBrown		3.1	1.8	0.4			1	frag	altered
4160	1983	1x2m	S17/E8	70-80	pottery	TizonBrown		6.4	3.0	0.8			1	frag	rim
4161	1982	1x2m	S26/W0	30-40	groundstone	NA	granitic	2.7	2.2	1.5			1	frag	Cobble
4162	1982	1x2m	S26/W0	30-40	flakedstone	chopper	MVporphyritic	6.0	5.6	2.9			1		Feisite
4163	1983	1x2m	S17/E8	60-70	bone	NA		6.5	1.7				1		Fabricator, thickness:1.7
4164	1983	1x2m	S17/E4	70-80	bone	NA		4.3	0.9	0.3			1	frag	Polished
4165	1983	1x2m	S26/W6	50-60	bone	NA		1.2	0.7	0.3			1	frag	polished
4166	1983	1x2m	S17/E12	40-50	bone	NA							1	frag	Cranium
4167	1983	1x2m	S17/E4	60-70	bone	awl		3.7	0.7	0.5			1	frag	worked bone-rounded/ str
4168	1983	1x2m	S26/W2	30-40	bone	NA		2.0	1.2	0.3			1		polished
4169	1983	1x2m	S17/E4	40-50	bone	NA		3.2	1.1	0.4			1	frag	polished
4170	1983	1x2m	S22/W6	20-30	bone	NA		2.2	0.7	0.3			1	frag	needle
4171	1983	1x2m	S17/E6	110-120	bone	NA		1.1	0.5	0.5			1		Tooth root
4172	1983	1x2m	S17/E6	120-130	bone	NA		0.4	0.4	0.3			1		fish vertebra
4173	1983	1x2m	S26/W6	40-50	bone	NA		5.2	1.5	0.4			1		Canine tooth
4174	1983	1x2m	S17/E8	60-70	bone	NA		1.3	0.9	0.2			1		polished
4175	1983	1x2m	S26/W2	30-40	bone	NA		0.7	0.3	0.3			1		Fish vertebra

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4176	1983	1x2m	S17/E4	30-40	bone	NA		1.6	1.0	0.2			1	frag	polished
4177	1983	1x2m	S17/E4	50-60	bone	NA		0.8	0.5	0.3			1		Tooth Root
4178	1983	1x2m	S26/W6	50-60	bone	NA		0.7	0.7	0.5			1	frag	Human tooth cap
4179	1983	1x2m	S17/E12	70-80	bone	NA		0.8	0.5	0.2			1		Otolith
4180	1983	1x2m	S26/W0	30-40	bone	NA		2.1	0.3	0.3			1		fish vertebra
4181	1983	1x2m	S17/E8	60-70	bone	NA		0.4	0.3	0.2			1		Fish vertebra
4182	1983	1x2m	S8/E17	70-80	bone	NA		1.3	0.9	0.1			1	fragment/b	
4183	1983	1x2m	S17/E12	60-70	bone	NA		0.8	0.5	0.2			1		Odilith , Genyonemus lin
4184	1983	1x2m	S17/E4	40-50	bone	NA		0.7	0.4	0.1			1		Otolith, Seriphus politus
4185	1983	1x2m	S17/E12	60-70	bone	NA		0.7	0.5	0.2			1		Otolith, Seriphus politus
4186	1983	1x2m	S26/W6	50-60	bone	NA		0.2	0.5	0.5			1		fish vertebra
4187	1983	1x2m	S17/E12	60-70	bone	NA		1.5	1.3	0.8			1		Snake verebra
4188	1983	1x2m	S17/E8	60-70	bone	NA		0.6	0.4	0.1			1		Burned, Otolith, Seriphus
4189	1983	1x2m	S17/E8	60-70	bone	NA		0.6	0.4	0.1			1		Otolith, Seriphus politus
4190	1983	1x2m	S17/E12	70-80	bone	NA		0.4	0.3	0.3			1		Fish vertebra
4191	1983	1x2m	S26/W6	40-50	bone	NA		0.9	0.8	0.2			1		Fish vertebra
4192	1983	1x2m	S26/W6	40-50	bone	NA		1.0	0.1	0.3			1		Fish vertebra
4193	1983	1x2m	S26/W4	70-80	shell	bead		0.5	0.5	0.1			39	com	Olivella from Olla
4194	1983	1x2m	S26/W4	20-30	flakedstone	core	other	7.0	5.0	3.3			1	fragment/b	Felcite
4195	1983	1x2m	S17/E8	60-70	flakedstone	projectilept	quartzite	2.5	1.4	0.6		2.2	1		blank
4196	1983	1x2m	S26/W6	30-40	bone	NA							338	frag	335 + 3 vert.
4197	1983	1x2m	S26/W6	50-60	bone	NA		0.8	1.3	1.1			1		Rattlesnake vertebra
4198	1983	1x2m	S26/W6	50-60	flakedstone	core	basalt	6.5	6.3	2.3			1	frag	Cobble, porphyritic basalt
4199	1983	1x2m	S26/W6	30-40	pottery	TizonBrown							25	frag	
4200	1983	1x2m	S26/W6	30-40	groundstone	NA		4.0	2.9	1.3			1	com	Small pebble/ cobble
4201	1983	1x2m	S26/W6	30-40	flakedstone	core	basalt	3.5	3.0	1.5			1	frag	
4202	1983	1x2m	S26/W6	S26 W6	groundstone	NA		2.2	2.5	1.5			1	frag	cobble
4203	1983	1x2m	S26/W6	50-60	flakedstone	core	quartz	4.6	3.0	2.0			1	frag	
4204	1983	1x2m	S26/W6	50-60	flakedstone	core	basalt	8.3	5.3				1	frag	
4205	1983	1x2m	S26/W6	30-40	other	unidentified	schist	9.7	3.3	0.9			1	frag	
4206	1983	1x2m	S26/W6	50-60	shell	bead		0.4	0.4	0.1			1	com	Olivella disc
4207	1983	1x2m	S26/W6	40-50	shell	bead		0.2	0.6				1	com	Olivella barrel bead
4208	1983	1x2m	S17/E4	50-60	shell	bead		1.2	0.9	0.1			1	com	abalone bead, biconically
4209	1983	1x2m	S26/W4	70-80	shell	bead		1.0	0.7	0.6			1	com	Olivella, abraded
4210	1983	1x2m	S17/E12	70-80	shell	bead		0.3	0.3	0.1			1	frag	abalone
4211	1983	1x2m	S26/W6	30-40	charcoal	NA						152.6	9999		
4212	1983	1x2m	S26/W6	0-20	charcoal	NA						6.3	9999		Level I & II bulkheads

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4213	1983	1x2m	S26/W2	40-50	shell	bead		0.5	0.3	0.3			1	com	Olivella
4214	1983	1x2m	S26/W6	30-40	shell	bead		0.5	0.5	0.0			2	com	Olivella
4215	1983	1x2m	S17/E6	100-110	shell	bead		0.9	0.5	0.5			1	com	Olivella
4216	1983	1x2m	S26/W6	40-50	shell	bead		1.4	0.9	0.9			1	com	Olivella
4217	1983	1x2m	S17/E4	50-60	shell	bead		0.8	0.8	0.1			1	com	large Olivella disc
4218	1983	1x2m	S26/W2	30-40	shell	bead		0.5	0.5	0.1			7		burned, Olivella disc
4219	1983	1x2m	S22/W6	10-20	shell	bead		1.5	0.9	0.8			1	com	Olivella
4220	1983	1x2m	S26/W2	40-50	bone	NA		0.3	0.3	0.3			1		Fish vertebra
4221	1983	1x2m	S26/W4	70-80	shell	bead		0.3	0.3	0.1			1	com	Olivella disc
4222	1983	1x2m	S17/E8	70-80	shell	bead		0.8	0.5				1		Olivella
4223	1983	1x2m	S17/E12	70-80	shell	bead		0.5	0.4				1	frag	Olivella
4224	1983	1x2m	S26/W6	50-60	shell	bead		0.5	0.5	0.1			1	whole/b	Olivella disc
4225	1983	1x2m	S26/W2	30-40	shell	bead		0.5		0.1			4		burned, Olivella disc, wid
4226	1983	1x2m	S26/W2	40-50	shell	bead		1.3	0.8	0.5			1		Olivella
4227	1983	1x2m	S22/W6	50-60	shell	bead		1.3	0.8	0.8			1	com	Olivella, abraded
4228	1983	1x2m	S22/W6	50-60	shell	bead		1.6	0.9	0.9			1	com	Olivella
4229	1983	1x2m	S26/W6	20-30	shell	bead		1.1	0.6	0.5			1	com	Olivella
4230	1983	1x2m	S22/W6	30-40	shell	bead		1.1	0.6	0.5			1	com	
4231		1x2m	S17/E12	60-70	shell	bead		1.3	0.7	0.6			1	frag	Manufactured refuse from
4232	1983	1x2m	S26/W6	30-40	shell	bead		1.2	0.7	0.6			1	com	Olivella
4233	1983	1x2m	S17/E8	70-80	shell	bead		1.1	0.7	0.7			1		Olivella
4234	1983	1x2m	S26/W6	30-40	shell	bead		1.0	0.6	0.5			1		Olivella
4235	1983	1x2m	S26/W2	60-70	groundstone	ornament	other	22.6	19.4	5.0			1		Steatite?, Possible comale
4236	1983	1x2m	S22/W6	0-10	glass	bead		0.3	0.3	0.3			1	com	modern historic
4237	1983	1x2m	S17/E6	100-110	shell	ornament		1.0	0.8	0.1			1		Abalone, glued
4238	1983	1x2m	S17/E4	30-40	flakedstone	chopper	quartzite	7.5	6.0	2.5			1		
4239	1983	1x2m	S26/W2	30-40	pottery	pipe		0.8	0.9	0.2			1	frag	
4240	1983	1x2m	S26/W2	30-40	pottery	NA		1.0	1.0	0.1			1	frag	Desert Buff
4241	1983	1x2m	S26/W2	30-40	pottery	NA		5.2	4.5				1	frag	Desert Buff
4242	1983	1x2m	S26/W2	30-40	bone	bead		1.5	0.4	0.4			1		
4243	1982	1x2m	S26/W4	40-50	bone	NA		1.0	1.0	0.3			1	frag	polished and abraided
4244	1983	1x2m	S17/E4	40-50	flakedstone	projectilept	quartz	2.4	1.9	0.8		2.9	1		possible point blank
4245	1983	1x2m	S22/W6	40-50	groundstone	abrader	basalt	2.8	2.5	2.0			1		abraded stone with red oc
4246		1x2m	S17/E10	10-20	shell	marine shell						39.8	89		whole and fragments
4247	1981	1x2m	S13/E14	30-40	shell	marine shell						34.9	39		Whole and Fragments
4248		1x2m	S13/E10	30-40	shell	marine shell						4.3	20		Whole and fragments, so
4249	1982	1x2m	S26/W0	20-30	shell	NA						10.6	32		Whole and fragments, so

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4250	1982	1x2m	S22/W8	40-50	shell	NA						14.8	29		Whole and fragments
4251	1981	1x2m	S26/W4	20-30	shell	NA						15.1	39		Whole and fragments
4252	1981	1x2m	S13/E14	20-30	shell	marine shell						31.3	38		Whole and fragments
4253	1982	1x2m	S22/W4	70-80	shell	marine shell						0.6	3		Whole and fragments
4254		1x2m	S18/W8	30-40	shell	NA						14.5	24		Whole and fragments
4255	1981	1x2m	S26/W4	30-40	shell	NA						11.9	23		Whole and fragments
4256	1983	1x2m	S17/E12	60-70	bone	NA		0.4	0.3	0.3			1		Fish vertebra
4257	1983	1x2m	S17/E12	60-70	bone	NA		0.7	0.6	0.5			1		fish vertebra, burned
4258	1983	1x2m	S17/E12	60-70	bone	NA		0.9	0.8	0.7			1		fish vertebra
4259	1983	1x2m	S26/W6	50-60	flakedstone	projectilept	quartz	1.9	1.5	0.3		0.7	1		
4260	1983	1x2m	S17/E12	70-80	bone	NA		0.8	0.8	0.6			1		snake vertebra
4261	1983	1x2m	S17/E8	60-70	flakedstone	projectilept	quartzite	1.5	1.3	0.3		0.6	1	frag	
4262	1983	1x2m	S17/E12	60-70	bone	NA		0.4	0.3	0.3			1		fish vertebra
4263	1983	1x2m	S17/E12	60-70	bone	NA		0.6	0.4	0.2			1		fish vertebra
4264	1981	1x2m	S22/W4	30-40	shell	NA						18.6	34		whole and fragments
4265	1983	1x2m	S17/E12	60-70	bone	NA		1.2	0.8	0.9			1		snake vertebra
4266	1983	1x2m	S17/E12	17	bone	NA		1.1	1.0	0.8			1		snake vertebra
4267	1981	1x2m	S22/W4	40-50	shell	NA						54.9	45		whole and fragments
4268	1983	1x2m	S17/E6	110-120	flakedstone	tool	quartz	4.0	1.8	1.2			1		drill
4269	1982	1x2m	S22/W4	80-90	shell	marine shell						11.2	2		Chione
4270	1983	1x2m	S22/W8	70-80	bone	NA		1.0	0.5	0.7			1		fish vertebra
4271	1983	1x2m	S22/W6	40-50	flakedstone	projectilept	basalt	2.9	1.3	0.3		1.2	1		tip
4272	1983	1x2m		surface	flakedstone	projectilept	quartz	2.2	2.2	0.6		3.9	1		1mS- Elderberry tree, nea
4273	1983	1x2m	S22/W2	10-20	flakedstone	projectilept	quartz	1.5	0.9	0.3		0.5	1		
4274	1983	1x2m	S17/E6	100-110	flakedstone	projectilept	quartz	1.7	1.7	0.3		0.8	1	frag	
4275	1983	1x2m	S22/W6	30-40	flakedstone	projectilept	chalcedony	2.3	1.4	0.3		1.3	1		blank
4276	1983	1x2m	S26/W6	40-50	flakedstone	projectilept	MVporphyritic	0.7	1.0	0.2		0.4	1		Feisite
4277	1983	1x2m	S26/W6	40-50	flakedstone	projectilept	MVporphyritic	2.0	1.5	0.2		0.9	1		feisite
4278	1983	1x2m	S17/E6	110-120	flakedstone	projectilept	obsidian	2.2	1.1	0.6		1.2	1	frag	projectile point
4279	1983	1x2m	S26/W6	50-60	flakedstone	projectilept	basalt	2.2	1.4	0.6		1.9	1		
4280	1983	1x2m		surface	flakedstone	projectilept	MVporphyritic	3.2	1.7	0.5		3.9	1		across road from site and
4281	1983	1x2m	S17/E14	70-80	flakedstone	scraper	MVporphyritic	2.7	1.7	0.4			1		
4282	1983	1x2m	S13/E6	60-70	glass	bead		0.2	0.2	0.2			1	com	modern historic
4283	1981	1x2m	S18/W12	10-20	shell	marine shell						5.7	10		
4284	1982	1x2m	S18/W8		shell	bead		0.5	0.5	0.1			2		Olivella disc, "south wall"
4285	1981	1x2m	S22/W8	20-30	shell	NA						19.4	24		
4286	1981	1x2m	S22/W4	60-70	shell	NA						2.4	12		flake

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4287	1982	1x2m	S18/W8		bone	NA							1		Tooth, possible human,
4288	1983	1x2m	S17/W4	40-50	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		debitage
4289	1983	1x2m	S17/E12	60-70	flakedstone	debitage	obsidian	0.4	0.3	0.1			1		micro-flake
4290	1983	1x2m	S17/E4	50-60	flakedstone	NA	obsidian	0.9	0.6	0.2			1		
4291	1983	1x2m	S17/E12	60-70	flakedstone	debitage	obsidian	0.5	0.4	0.1			1		micro-flake
4292	1983	1x2m	S17/E4	40-50	flakedstone	NA	obsidian	1.3	0.9	0.1			4		
4293	1983	1x2m	S17/E12	60-70	flakedstone	debitage	obsidian	1.5	1.1	0.6			1		flake
4294	1983	1x2m	S17/E12	70-80	flakedstone	utilizedflake	obsidian	2.7	1.1	0.5			1		utilized
4295	1983	1x2m	S17/E8	60-70	flakedstone	debitage	obsidian	0.7	0.7	0.2			1		Micro-flake
4296	1983	1x2m	S17/E12	60-70	flakedstone	debitage	obsidian	0.9	0.5	0.1			1		debitage
4297	1983	1x2m	S17/E12	60-70	flakedstone	debitage	obsidian	0.9	0.9	0.1			1		flake
4298	1983	1x2m	S17/E6	100-110	flakedstone	debitage	obsidian	1.2	1.0	0.1			1		flake
4299	1983	1x2m	S13/E14	70-80	flakedstone	debitage	obsidian	1.0	0.5	0.1			1		
4300	1983	Surface		surface	shell	marine shell		2.8	0.6	0.1			1	frag	north east of meridian in s
4301	1983	1x2m	S14/W0	50-60	shell	bead		0.4	0.6				1		Olivella barrel bead
4302	1983	1x2m	S14/W0	50-60	shell	bead		1.2	0.8	0.1			1		Olivella
4303	1983	1x2m	S14/W0	50-60	shell	bead		1.7	0.9	0.1			1		burnt, Olivella
4304	1983	1x2m	S14/W0	50-60	bone	NA		2.5	0.9	0.1			1		fish vertebra
4305	1983	1x2m	S16/E14		bone	NA		3.1	2.6	0.7			1	fragment/b	cranial fragment (human),
4306	1983	1x2m	S13/E6	60-70	bone	NA		0.6	0.6	0.1			1		fish vertebra
4307	1983	1x2m	S13/E6	60-70	bone	NA		0.6	0.6	0.1			1		fish vertebra
4308	1983	1x2m	S13/E6	60-70	bone	NA		0.3	0.3	0.1			1		fish vertebra
4311	1983	1x2m	S12/E10	surface+	bone	NA							4	frag	surface to 80 cm, cave in
4312	1983	1x2m	S13/E10	surface+	flakedstone	core		3.7	2.0	1.6			1		cobble fragment
4313	1982	1x2m	S14/W0	0-10	bone	NA		2.1	0.7	0.5			1		burnt end
4314	1983	1x2m	S26/W10	60-70	flakedstone	multipurpose		3.0	2.3	0.5			1		
4315	1982	1x2m	S14/E0	0-10	pottery	TizonBrown							2		pot sherds
4316	1982	1x2m	S26/W6	0-20	bone	NA							23		
4317	1982	1x2m	S26/W6	0-20	pottery	TizonBrown							8		pot sherds
4318	1983	1x2m	S26/W6	50-60	flakedstone	scraper	other	2.4	1.5	0.5			1		thumbnail scrapper
4319	1983	1x2m	S26/W6	0-20	flakedstone	debitage	other	0.8	0.5	0.1			1		
4320	1982	1x2m	S14/E0	0-10	flakedstone	projectilept	quartz	1.0	0.5	0.2			1		poss projectile point
4321	1983	1x2m	S13/E12	20-30	bone	NA							1		
4322	1983	1x2m	S26/W6	50-60	pottery	TizonBrown							5		pot sherds
4323	1983	1x2m	S26/W6	40-50	charcoal	NA						187.0	10		2 bags
4324	1983	1x2m	S26/W6	40-50	pottery	TizonBrown							21		pot sherds
4325	1983	1x2m	S26/W6	40-50	flakedstone	core	other	4.5	30.0	1.7			1		core frag

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4326	1983	1x2m	S26/W6	50-60	bone	NA							361		
4327	1983	1x2m	S26/W6	50-60	bone	NA		0.7	1.7	1.5			1		
4328	1983	1x2m	S26/W6	40-50	bone	NA							333		
4329	1983	1x2m	S26/W6	50-60	charcoal	NA						186.1	10		2 bags
4330	1983	1x2m	S26/W6	40-50	bone	NA							3		poss snake vertebra
4331	1983	1x2m	S26/W6	40-50	seeds	NA		0.6	0.6	0.6			1		charred seed-taxon
4332	1983	1x2m	S26/W6	40-50	bone	NA		4.0	1.4	0.4			1		cut bone
4333	1983	1x2m	S26/W6	40-50	flakedstone	utilizedflake	other	1.1	1.0	0.1			1		
4334	1983	1x2m	S26/W10	60-70	charcoal	NA						26.0	10		incomplete level see 4867
4335	1983	1x2m	S26/W10	70-80	bone	NA							71		
4336	1983	1x2m	S26/W10	70-80	pottery	TizonBrown							2		pot sherds
4337	1983	1x2m	S13/E12	30-40	bone	NA							76		incomplete level
4338	1983	1x2m	S13/E12	30-40	pottery	TizonBrown							3		sherds
4339	1983	1x2m	S13/E12	30-40	charcoal	NA						3.6	3		see 3122 4868
4340	1983	1x2m	S13/E12	30-40	flakedstone	core	granitic	4.8	3.5	2.0			1		cobble frag
4341	1983	1x2m	S13/E12	30-40	flakedstone	scraper	green	4.0	3.7	0.9			1		
4342	1983	1x2m	S14/W8	40-50	flakedstone	projectilept	quartz	3.5	1.8	0.2		1.6	1		projectile point
4343	1982	1x2m	S9/E6	20-30	charcoal	NA						36.6	10		see 2842 4858
4344	1983	1x2m	S17/E8	80-90	flakedstone	projectilept	quartz	3.9	2.0	0.9		5.5	1		
4345	1982	1x2m	S9/E6	20-30	pottery	TizonBrown							20		sherds
4346	1982	1x2m	S9/E6	20-30	flakedstone	core	basalt	5.1	4.7	3.0			1		
4347	1982	1x2m	S9/E6	20-30	flakedstone	core	basalt	5.0	3.7	1.6			1		
4348	1983	1x2m	S9/E6	20-30	bone	NA							300		
4349	1982	1x2m	S9/E6	20-30	bone	NA		1.1	1.0	0.8			1		snake vertebra
4350	1982	1x2m	S9/E6	20-30	flakedstone	debitage	basalt	1.8	0.7	0.1			1		blade flake
4351	1982	1x2m	S17/E8	80-90	shell	NA							1		pendant frag
4352	1983	1x2m	S13/E10	70-80	groundstone	bead	other	0.5	0.1	0.2			1		steatite bead
4353	1983	1x2m	S17/E8	80-90	bone	NA		1.5	0.9	0.7			1		burnt human tooth root
4354	1983	1x2m	S13/E10	70-80	bone	NA		1.3	1.0	0.8			1		snake vertebra
4355	1983	1x2m	S13/E6	70-80	bone	NA		0.4	0.4	0.3			1		fish vertebra
4356	1982	1x2m	S9/E6	20-30	bone	NA		1.3	1.2				1		poss human cranium
4357	1982	1x2m	S9/E6	20-30	bone	NA		1.2	1.2	0.3			1		poss human cranium
4358	1983	1x2m	S17/E4	70-80	flakedstone	utilizedflake	quartz	1.5	1.0	0.2			1		
4359	1983	1x2m	S9/E6	20-30	glass	bead	other	0.4	0.4	0.4			1		historic- blue iridescent
4360	1982	1x2m	S17/E12	10-20	flakedstone	utilizedflake	basalt	1.9	1.3	0.4			1		
4361	1982	1x2m	S17/E12	10-20	flakedstone	debitage	obsidian	1.2	0.8	0.2			1		
4362	1982	1x2m	S17/E12	10-20	flakedstone	debitage	obsidian	1.0	0.6	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4363	1982	1x2m	S17/E12	10-20	flakedstone	debitage	other	1.0	0.5	0.2			1		poss glass slag
4364	1983	1x2m	S17/E4	70-80	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		flake
4365	1983	1x2m	S17/E4	20-30	shell	NA		2.6	1.8	0.2			1		worked shell
4366	1983	1x2m	S17/E4		flakedstone	projectilept	quartz	1.4	0.7	0.3			1		level unk
4367	1983	1x2m	S18/E14	surface	groundstone	mano	granitic	9.0	5.5	5.2			1		frag-fire alterd?
4368	1983	1x2m	S13/E14	70-80	groundstone	mano	granitic	6.8	5.7	3.5			1		frag
4369	1983	1x2m	S17/E4	70-80	flakedstone	projectilept	basalt	1.7	0.7	0.3		0.4	1		proj pt tip
4370	1983	1x2m	S13/E6	60-70	shell	marine shell		1.3	0.7	0.1			1		olvella shell
4371	1983	1x2m	S14/W4	30-40	shell	marine shell		3.2	3.0	0.1			1		pectin pendant
4372	1983	1x2m	S26/W2	70-80	shell	bead							6		olivella beads
4373	1983	1x2m	S26/W2	80-90	shell	bead							4		olivell disc beads
4374	1983	1x2m	S26/W2	50-85	pottery	TizonBrown							3		fm special corner from S2
4375	1983	1x2m	S26/W2	50-85	bone	NA							1		tooth-human
4376	1983	1x2m	S26/W2	50-85	bone	NA		0.6	0.5	0.3			1		human tooth-removed fm
4377	1983	1x2m	S14/W0	50-60	shell	bead		1.0	0.7	0.1			1		olivella bead
4378	1983	1x2m	S18/W4	40-50	bone	NA		0.3	0.2	0.3			1		fish vertebra
4379	1983	1x2m	S18/W4	40-50	bone	NA		1.0	0.3	0.2			1		fish vertebra
4380	1983	1x2m	S26/W2	50-85	shell	bead							86		actually fm S27W2 & S2
4381	1983	1x2m	S17/E4	80-90	bone	NA		1.5	0.6	0.4			1		has butcher marks
4382	1983	1x2m	S17/E4	70-80	flakedstone	debitage	obsidian	1.0	0.6	0.1			1		flake
4383	1983	1x2m	S18/W4	40-50	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		flake
4384	1983	1x2m	S9/E6	20-30	flakedstone	debitage	obsidian	0.4	0.2	0.3			1		flake
4385	1983	1x2m	S17/E4	80-90	bone	NA		1.8	1.6	0.9			1		snake vertebra
4386	1983	1x2m	S26/W2	50-85	groundstone	bead	other	0.6	0.5	0.2			1		statite bead
4387	1983	1x2m	S17/E4	80-90	flakedstone	debitage	obsidian	0.6	0.4	0.1			1		Lt grey
4388	1983	1x2m	S17/E4	70-80	flakedstone	debitage	obsidian	0.9	0.6	0.1			1		Dk Grey
4389	1983	1x2m	S13/E19	surface	pottery	TizonBrown		2.2	1.8	0.6			1	frag	South of bedrock motars.
4390	1983	1x2m	S13/E12	30-40	pottery	TizonBrown		3.2	2.1	0.5			1	frag	With incised marks
4391	1983	1x2m	S13/E14	surface	pottery	TizonBrown		3.3	2.0	0.5			1		North of S13 E14, Base o
4392	1983	1x2m	S15/W2	surface	flakedstone	utilizedflake	obsidian	1.7	0.6	0.1			1		Percussion waste, flake fr
4393	1983	1x2m	S13/E10	80-90	flakedstone	debitage	obsidian	0.6	0.8	0.1		0.2	1		
4394	1983	1x2m	S13/E6	60-70	bone	NA		0.5	0.3	0.4			1		Fish Vertebra, tan color
4395	1983	1x2m	S9/E6	20-30	bone	NA		0.6	0.3	0.2			1		otolith
4396	1983	1x2m	S26/W4	80-90	bone	NA							368	fragment/b	
4397	1983	1x2m	S14/W8	40-50	pottery	TizonBrown		2.2	1.5	0.5			1		rim sherd
4398	1983	1x2m	S26/W4	80-90	pottery	TizonBrown							1		sherd
4399	1983	1x2m	S26/W4	80-90	flakedstone	debitage	basalt	0.5	0.5				1		flake

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4400	1983	1x2m	S26/W4	80-90	flakedstone	debitage	basalt	0.6	0.6				1		flake
4401	1983	1x2m	S26/W4	80-90	flakedstone	scraper	other	5.0	3.0	0.6			1		gray tan-green
4402	1983	1x2m	S26/W4	80-90	charcoal	NA						47.2	1		fragments
4403	1983	1x2m	S14/W4	30-40	shell	marine shell		1.6	1.6	0.1			1		Protothaca
4404	1983	1x2m	S14/W4	30-40	bone	NA		0.6	0.3	0.3			1	com	fish vertebra
4405	1983	1x2m	S14/W0	50-60	glass	NA		0.7	0.5	0.3			2		melted glass
4406	1983	1x2m	S18/W4	40-50	flakedstone	scraper	unidentified	3.8	3.2	0.5			1		spokeshave
4407	1983	1x2m	S14/E12	surface	flakedstone	projectilept	basalt	2.5	1.0	0.4		0.9	1		fragment (tip)
4408	1983	1x2m	S14/W8	40-50	flakedstone	projectilept	basalt	2.8	1.2	0.3		0.8	1		fragment (tip)
4409	1983	1x2m	S13/E14	70-80	flakedstone	utilizedflake	obsidian	2.0	1.3	0.2			1		possible utilized flake
4410	1983	1x2m	S18/W10	surface	flakedstone	projectilept	quartz	1.6	1.4	0.4			1		fragment (base)
4411	1983	Surface		surface	flakedstone	knife	other	2.7	2.2	1.0		7.9	1		N of unit s13/e14
4412	1983	Surface	S13/E0	surface	flakedstone	projectilept	quartz	2.2	2.0	0.6		3.0	1		fragment (tip)
4413	1983	1x2m	S14/W0	50-60	flakedstone	projectilept	quartz	1.6	0.6	0.3		0.3	1		fragment (tip)
4414	1983	Surface		surface	groundstone	mano	unidentified	6.5	5.0	3.8			1		fragment
4415	1983	1x2m	S18/W4	40-50	pottery	TizonBrown		9.4	7.4	0.7			1		Depth 48 cm
4416	1983	1x2m	S14/W0	50-60	bone	NA		0.6	0.3	0.2			1	com	fish vertebra
4417	1983	1x2m	S18/W4	40-50	bone	NA		0.6	0.2	0.2			1	com	fish vertebra
4418	1983	1x2m	S14/E14	surface	other	unidentified	basalt	9.4	4.4	2.0			1		"Found w/ rock waste out
4419	1983	1x2m	S14/W0	50-60	shell	bead		2.0	0.8	0.1			1		Olivella
4420	1983	1x2m	S13/E10	80-90	bone	NA		1.2	1.0	0.8			1	com	snake vertebra
4421	1983	1x2m	S17/E4	70-80	bone	NA		0.8	0.4	0.2			1		mammal tooth fragment
4422	1983	1x2m	S17/E6	130-140	flakedstone	projectilept	obsidian	1.8	1.3	0.6		0.9	1		fragment (base)
4423	1983	1x2m	S17/E4	70-80	groundstone	metate	other	4.4	3.6	3.9			1		possibly from wall
4424	1982	1x2m	S18/W2	0-10	pottery	TizonBrown							26		
4425	1982	1x2m	S18/W4	surface	pottery	TizonBrown							2		
4426	1982	1x2m	S18/W4	surface	bone	NA							4	frag	
4427	1982	1x2m	S18/W2	0-10	bone	NA							156	frag	
4428	1982	1x2m	S18/W4	0-10	pottery	TizonBrown							9		
4429	1983	1x2m	S18/W2	20-30	bone	NA							319	frag	
4430	1982	1x2m	S18/W4	0-10	bone	NA							52	fragment/b	some burned
4431	1982	1x2m	S18/W4	20-30	pottery	TizonBrown							31		
4432	1983	1x2m	S18/W2	20-30	pottery	TizonBrown							29		
4433	1982	1x2m	S18/W4	20-30	flakedstone	debitage	basalt	1.6	0.6	0.1			1		blade flake
4434	1982	1x2m	S18/W4	20-30	flakedstone	debitage	chert	1.7	0.8	0.3			1		blade flake
4435	1983	1x2m	S10/E10	surface	flakedstone	projectilept	quartz	2.0	1.2	0.5		1.2	1		fragment
4436	1983	1x2m	S14/W8	50-60	bone	NA		1.8	0.8	0.8			1	com	"polished"

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4437	1983	1x2m	S17/E4	70-80	bone	NA		0.9	0.5	0.3			1	com	otolith--Genyonemus line
4438	1983	1x2m	S17/E4	60-70	shell	marine shell		1.6	0.9	0.1			1		whole olivella
4439	1983	1x2m	S14/W4	30-40	bone	NA		0.5	0.4	0.2			1	com	fish vertebra
4440	1983	1x2m	S18/W6	30-40	flakedstone	debitage	quartz	0.9	0.8	0.1			1		"microflake"
4441	1983	1x2m	S18/W6	30-40	flakedstone	debitage	MVporphyritic	0.6	0.4	0.1			1		"microflake"
4442	1983	1x2m	S18/W6	30-40	flakedstone	debitage	basalt	0.6	0.5	0.1			1		"micoflake"
4443	1983	1x2m	S18/W6	30-40	flakedstone	utilizedflake	basalt	2.8	2.1	0.2			1		"excellent example"
4444	1983	1x2m	S18/W6	30-40	flakedstone	debitage	other	2.0	1.7	0.8			1		fine grain
4445	1983	1x2m	S18/W6	30-40	flakedstone	projectilept	quartz	4.6	2.7	1.2		16.7	1		possible projectile point p
4446		1x2m	S15/E2	surface	glass	bead		0.3	0.3	0.1			1		green, tubular
4447	1983	1x2m	S18/W4	40-50	bone	NA		0.7	0.4	0.4			1	com	vertebra
4448	1983	1x2m	S14/W0	50-60	flakedstone	projectilept	chert	1.5	1.3	0.3		1.0	1		fragment (center section)
4449	1983	1x2m	S14/W0	50-60	shell	marine shell		1.5	1.3	0.1			1		Olivella
4450	1983	1x2m	S14/W0	50-60	glass	NA		0.7	0.4	0.3			1		melted
4451	1983	1x2m	S14/W0	50-60	other	other		1.6	0.8	0.5			1		hematite nodule
4452	1983	1x2m	S14/W0	50-60	flakedstone	projectilept	quartz	0.9	0.8	0.3		0.2	1		fragment (tip)
4453	1983	1x2m	S14/W0	50-60	pottery	TizonBrown		2.5	1.7	0.4			1		rim sherd
4454	1983	1x2m	S14/W0	50-60	pottery	TizonBrown		6.0	2.4	0.8			1		large mica inclusions
4456	1983	1x2m	S14/W0	50-60	pottery	TizonBrown		1.0	0.8	0.5			1		rim sherd
4457	1983	1x2m	S14/W0	50-60	pottery	TizonBrown		1.7	0.7	0.3			1		"altered sherd"
4458	1983	1x2m	S17/E6	120-130	other	other		0.6	0.5	0.5			1		possible yellow ochre nod
4459	1983	1x2m	S17/E4	70-80	bone	tool		2.6	1.1	0.4			1		possible modified bone sc
4460	1983	1x2m	S13/E6	60-70	bone	NA		0.4	0.4	0.2			1	com	fish vertebra
4461	1983	1x2m	S17/E6	130-140	bone	NA		0.2	0.2	0.2			1		fish vertebra
4462	1983	1x2m	S17/E6	130-140	bone	NA		0.5	0.3	0.3			1	com	fish vertebra
4463	1983	1x2m	S18/W4	40-50	bone	NA		0.5	0.4	0.3			1	com	small animal tooth crown
4464	1983	1x2m	S18/W6	20-30	pottery	ColoradoBuff		2.7	2.2	0.6			1		
4465	1983	1x2m	S18/W6	40-50	shell	bead		1.3	0.7	0.1			1		olivella shell bead
4466	1983	1x2m	S18/W6	40-50	pottery	TizonBrown		5.8	3.9	0.5			1		rim sherd
4467	1983	1x2m	S12/W5	surface	flakedstone	projectilept	quartz	1.6	0.8	0.4		0.5	1		fragment (tip)
4468	1983	1x2m	S18/W4	40-50	bone	NA		0.7	0.4	0.3			1	com	fish vertebra
4469	1983	1x2m	S18/W4	40-50	bone	NA		1.7	0.3	0.2			1	com	fish vertebra
4470	1982	1x2m	S18/W6	20-30	flakedstone	debitage	green	2.5	5.5	1.3			1		olivine
4471	1983	1x2m	S14/W4	30-40	flakedstone	utilizedflake	chalcedony	3.3	1.5	0.4			1		
4472	1982	1x2m	S18/W6	20-30	flakedstone	NA	basalt	2.3	4.5	1.0			1		cobble fragment
4474	1983	1x2m	S13/E12	30-40	flakedstone	utilizedflake	chalcedony	1.5	1.4	0.2			1		
4475	1983	1x2m	S14/W0	60-70	bone	NA		0.5	0.4	0.2			1		fish vertebra

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4476	1983	1x2m	S13/E6	60-70	flakedstone	projectilept	quartz	1.7	1.1	0.3		0.4	1		fragment (tip)
4477	1983	1x2m	S17/E4	80-90	shell	bead		1.3	0.7	0.1			1		olivella
4478	1983	1x2m	S13/E6	60-70	bone	NA		0.5	0.3	0.2			1	com	vertebra
4479	1983	1x2m	S13/E6	60-70	bone	NA		0.2	0.3	0.2			1	frag	fish vertebra
4480	1983	1x2m	S14/W0	60-70	flakedstone	chopper	basalt	8.0	7.0	3.8			1		
4481	1983	1x2m	S13/E10	70-80	charcoal	NA						16.3	1		see 3119
4482	1983	1x2m	S14/W0	50-60	charcoal	NA						72.7	1		
4483	1983	1x2m	S14/E2	40-50	charcoal	NA						4.1	1		incomplete level
4484	1983	1x2m	S14/W4	30-40	charcoal	NA						75.5	1		see 2781
4485	1983	1x2m	S14/W8	40-50	charcoal	NA						61.8	1		
4486	1983	1x2m	S17/E4	30-40	charcoal	NA						2.4	1		see 4049
4487	1983	1x2m	S17/E4	50-60	charcoal	NA						32.5	1		
4488	1983	1x2m	S17/E4	40-50	charcoal	NA						45.8	1		
4489	1983	1x2m	S17/E4	60-70	charcoal	NA						33.5	1		
4490	1983	1x2m	S17/E6	90-100	charcoal	NA						8.6	1		see 3036-4774
4491	1982	1x2m	S13/E14	50-60	pottery	TizonBrown		3.6	3.0	0.6			1		rim sherd
4492	1983	1x2m	S13/E14	50-60	flakedstone	debitage	obsidian	0.8	0.6	0.1			1		"microflake"
4493	1983	1x2m	S13/E14	50-60	flakedstone	debitage	obsidian	1.0	1.0	0.2			1		white inclusions
4494	1983	1x2m	S16/E12	surface	flakedstone	projectilept	quartz	2.7	2.1	0.6			1		fragment (base)
4495	1983	1x2m	S14/W4	30-40	flakedstone	scraper	basalt	5.3	2.7	1.0			1		"end/side"
4496	1983	1x2m	S13/E14	70-80	flakedstone	debitage	obsidian	1.4	0.7	0.1			1		
4497	1983	1x2m	S17/E6	110-120	charcoal	NA						24.5	1		see 4498
4498	1983	1x2m	S17/E6	110-120	charcoal	NA						3.0	1		see 4497
4499	1983	1x2m	S17/E6	120-130	charcoal	NA						8.6	1		
4500	1983	1x2m	S17/E6	130-140	charcoal	NA						7.5	1		
4501	1983	1x2m	S18/W6	20-30	flakedstone	utilizedflake	quartz	2.7	1.5	0.6			1		possible utilized flake
4502	1983	1x2m	S22/W2	20-30	pottery	ColoradoBuff		3.6	3.0	0.6			1		
4503	1983	1x2m	S14/W4	30-40	pottery	ColoradoBuff		3.0	2.0	0.3			1		
4504	1982	1x2m	S17/E8	30-40	charcoal	NA						19.1	1		
4505	1982	1x2m	S17/E8	50-60	charcoal	NA						24.5	1		
4506	1983	1x2m	S17/E8	60-70	charcoal	NA						102.2	1		
4507	1983	1x2m	S17/E8	70-80	charcoal	NA						26.9	1		
4508	1983	1x2m	S17/E12	60-70	charcoal	NA						55.4	1		
4509	1983	1x2m	S17/E12	70-80	charcoal	NA						43.1	1		18.8g from under hearth
4510	1983	1x2m	S17/E12	80-90	charcoal	NA						3.3	1		incomplete level
4511	1983	1x2m	S17/E14	70-80	charcoal	NA							1		no weight recorded
4512	1983	1x2m	S22/W2	20-30	shell	bead		1.4	0.9	0.1			1		olivella

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4513	1983	1x2m	S14/W4	30-40	flakedstone	debitage	basalt	1.6	0.5	0.2			1		"blade flake fragment"
4514	1983	1x2m	S14/W4	30-40	flakedstone	debitage	basalt	1.5	0.8	0.1			1		"blade flake"
4515	1983	1x2m	S14/W4	30-40	flakedstone	utilizedflake	basalt	2.7	1.7	0.4			1		
4516	1983	1x2m	S17/E14	80-90	charcoal	NA						1.2	1		see 4580
4517	1983	1x2m	S18/W4	40-50	charcoal	NA						19.7	1		ash ring only
4518	1983	1x2m	S22/W6	10-20	charcoal	NA						13.7	1		
4519	1983	1x2m	S22/W6	20-30	charcoal	NA						45.1	1		
4520	1983	1x2m	S22/W6	30-40	charcoal	NA						83.1	1		
4521	1983	1x2m	S17/E14	70-80	flakedstone	debitage	obsidian	0.4	0.3	0.1			1		
4522	1983	1x2m	S18/W4	40-50	bone	NA							1	com	fish vertebra
4523	1983	1x2m	S22/W6	50-60	charcoal	NA						117.6	1		
4524	1983	1x2m	S22/W6	50-60	charcoal	NA						82.9	1		
4525	1983	1x2m	S18/W4	40-50	bone	NA		0.7	0.2	0.2			1	com	fish vertebra
4526	1983	1x2m	S18/W4	40-50	bone	NA		0.5	0.5	0.2			1	com	fish vertebra
4527	1983	1x2m	S18/W4	40-50	bone	NA		0.4	0.4	0.2			1	com	fish vertebra
4528	1983	1x2m	S14/W4	30-40	flakedstone	projectilept	quartz	1.0	0.8	0.4		0.3	1		possible projectile point fr
4529	1983	1x2m	S22/W6	60-70	charcoal	NA						50.7	1		
4530	1983	1x2m	S17/E12	40-50	groundstone	mano	granitic	8.2	7.1	4.0			1		fire-ash deposit
4531	1983	1x2m	S22/W2	20-30	charcoal	NA						13.1	1		see 3303 and 4864
4532	1983	1x2m	S22/W2	20-30	pottery	TizonBrown							27		
4533	1983	1x2m	S22/W2	20-30	bone	NA							273	frag	
4534	1983	1x2m	S22/W2	20-30	flakedstone	debitage	green	1.0	0.6	0.1			1		microflake
4535	1983	1x2m	S22/W2	20-30	flakedstone	debitage	green	0.9	0.7	0.1			1		"microflake"
4536	1983	1x2m	S22/W2	20-30	flakedstone	debitage	basalt	1.0	0.5	0.2			1		blade flake
4537	1983	1x2m	S17/E8	60-70	flakedstone	NA	basalt	4.5	4.4	1.7			1		possible burin
4538	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	2.2	0.9	0.2			1		blade flake
4539	1983	1x2m	S17/E8	60-70	flakedstone	debitage	green	2.2	1.0	0.2			1		blade flake
4540	1983	1x2m	S18/W4	40-50	flakedstone	projectilept	basalt	0.6	0.8	0.2		0.2	1		tip
4541	1983	1x2m	S13/E6	60-70	groundstone	bead	soapstone	0.4	0.4	0.2			1		
4542	1983	1x2m	S14/W0	70-80	shell	bead		0.4	0.4	0.1			1		olivella
4543	1983	1x2m	S14/W4	40-50	shell	bead		0.4	0.4	0.1			1		olivella disc bead
4544	1983	1x2m	S18/W4	20-30	bone	NA		0.2	0.2	0.2			1	com	fish vertebra
4545	1983	1x2m	S18/W4	20-30	bone	NA		0.3	0.3	0.3			1		fish vertebra
4546	1983	1x2m	S18/W4	40-50	bone	NA		0.7	0.5	0.5			1		fish vertebra
4547	1983	1x2m	S18/W4	20-30	bone	NA		0.3	0.2	0.2			1		fish vertebra
4548	1983	1x2m	S18/W4	20-30	bone	NA		0.3	0.2	0.2			1		fish vertebra
4549	1983	1x2m	S18/W4	20-30	bone	NA		0.2	0.2	0.2			1		fish vertebra

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4550	1983	1x2m	S18/W4	20-30	bone	NA		0.2	0.2	0.2			1		fish vertebra
4551	1983	1x2m	S18/W4	40-50	bone	NA		1.0	0.3	0.1			1		possible pendant
4552	1983	1x2m	S17/E4	80-90	bone	NA		1.1	0.7	0.1			1		worked bone fragment
4553	1983	1x2m	S13/E6	60-70	flakedstone	chopper	basalt	11.0	6.0	3.5			1		porphyritic
4554	1983	1x2m	S13/E0	surface	flakedstone	chopper	basalt	8.7	7.5	3.5			1		porphyritic
4555	1983	1x2m	S13/E6	60-70	flakedstone	scraper	unidentified	7.0	3.5	1.8			1		
4556	1983	1x2m	S13/E8	40-50	shell	bead		1.1	0.5	0.1			1		olivella
4557	1983	1x2m	S13/E8	40-50	pottery	TizonBrown		1.4	1.0	0.4			1		rim sherd
4558	1983	1x2m	S13/E8	40-50	pottery	TizonBrown		3.4	2.4	0.6			1		rim sherd
4559	1983	1x2m	S17/E8	60-70	flakedstone	utilizedflake	quartz	2.0	2.1	0.2			1		
4560	1983	1x2m	S17/E8	60-70	flakedstone	utilizedflake	basalt	2.3	2.1	0.5			1		
4561	1983	1x2m	S17/E8	60-70	flakedstone	utilizedflake	basalt	2.3	2.1	0.5			1		
4562	1983	1x2m	S17/E8	60-70	flakedstone	utilizedflake	basalt	1.7	1.3	0.2			1		
4564	1983	1x2m	S13/E6	60-70	groundstone	mano	unidentified	5.0	4.8	3.2			1		fragment
4565	1983	1x2m	S14/W0	60-70	shell	bead		0.8	0.7	0.1			1		olivella disc bead
4566	1983	1x2m	S9/E6	20-30	shell	bead		0.4	0.4	0.1			1		olivella disc bead
4567	1983	1x2m	S14/W0	60-70	flakedstone	projectilept	quartz	1.9	1.7	0.4		1.5	1		fragment (tip)
4568	1983	1x2m	S14/W0	60-70	pottery	TizonBrown		3.7	2.0	0.5			1		rim sherd
4569	1983	1x2m	S13/E8	40-50	pottery	TizonBrown		3.0	3.0	0.5			1		rim sherd
4570	1983	1x2m	S14/W0	60-70	bone	NA		16.0	3.5	1.3			1		deer mandible
4571	1983	1x2m	S13/E6	60-70	bone	NA		0.3	0.2	0.3			1		fish vertebra
4572	1983	1x2m	S14/W0	60-70	bone	NA		1.1	0.7	1.0			1		deer molar
4573	1983	1x2m	S13/E14	70-80	flakedstone	debitage	obsidian	0.6	0.6	0.1			1		
4574	1982	1x2m	S26/W0	70-80	bone	NA		1.0	1.3	0.8			1		deer tooth
4575	1982	1x2m	S26/W0	40-50	bone	NA		0.8	0.7	2.2			1		deer tooth
4576	1982	1x2m	S17/E12	0-10	bone	NA		1.0	0.7	1.2			1		deer tooth
4577	1983	1x2m	S13/E6	60-70	charcoal	NA						136.3	1		
4578	1983	1x2m	S17/E4	70-80	charcoal	NA						56.1	1		
4579	1983	1x2m	S22/W2	10-20	charcoal	NA						2.2	1		see #3302
4580	1983	1x2m	S17/E14	80-90	charcoal	NA						10.6	1		see #4516
4581	1983	1x2m	S22/W8	70-80	charcoal	NA						52.0	1		
4582	1983	1x2m	S13/E10	80-90	charcoal	NA						60.3	1		
4583	1983	1x2m	S22/W8	80-90	charcoal	NA						39.1	1		
4584	1983	1x2m	S26/W2	30-40	charcoal	NA						77.5	1		
4585	1983	1x2m	S26/W2	40-50	charcoal	NA						102.1	1		
4586	1983	1x2m	S26/W0	60-70	charcoal	NA						93.1	1		see #3351
4587	1983	1x2m	S26/W2	70-80	charcoal	NA						64.0	1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4588	1983	1x2m	S26/W4	80-90	charcoal	NA						64.5	1		see #4402
4589	1983	1x2m	S26/W4	70-80	charcoal	NA						6.4	1		see #3357
4590	1983	1x2m	S26/W4	90-100	charcoal	NA						18.0	1		
4591	1982	1x2m	S26/W6	10-20	charcoal	NA							5		
4592	1983	1x2m	S26/W2	50-60	charcoal	NA						79.5	1		
4593	1983	1x2m	S26/W6	60-70	charcoal	NA						32.4	1		see #4825
4594	1983	1x2m	S22/W2	10-20	bone	NA							58		fragments
4595	1983	1x2m	S22/W2	10-20	pottery	NA							17		
4596	1983	1x2m	S22/W2	10-20	flakedstone	core	basalt	7.5	4.5	3.0			1		fragment
4597	1983	1x2m	S12/E6	surface	flakedstone	debitage	basalt	4.7	1.5	0.4			1		"blade"
4598	1983	1x2m	S7/E4	surface	flakedstone	utilizedflake	basalt	2.3	2.0	0.4			1		"out of #1259 chipping w
4599	1983	1x2m	S14/W4	surface	flakedstone	utilizedflake	unidentified	1.4	1.0	0.2			1		
4600	1983	1x2m	S14/W0	60-70	bone	NA		0.8	0.6	0.4			1		fish vertebra
4601	1983	1x2m	S22/W2	10-20	flakedstone	debitage	green	1.2	1.0	0.2			1		
4602	1983	1x2m	S22/W2	10-20	flakedstone	debitage	quartz	0.6	0.5	0.1			1		
4603	1983	1x2m	S22/W2	10-20	pottery	NA		2.0	1.6	0.5			1		
4604	1983	1x2m	S18/W4	40-50	bone	NA		0.4	0.2	0.2			1		fish vertebra
4605	1983	1x2m	S9/E6	20-30	glass	bead		0.3	0.3	0.1			1		blue
4606	1983	1x2m	S18/W4	40-50	shell	bead		1.4	0.8	0.1			1		olivella
4607	1983	1x2m	S14/W0	60-70	shell	bead		0.9	0.5	0.1			1		olivella
4608	1983	1x2m	S17/E4	80-90	bone	NA		0.6	0.6	0.7			1		snake vertebra
4609	1983	1x2m	S14/W4	40-50	bone	NA		0.4	0.3	0.4			1		fish vertebra
4610	1983	1x2m	S17/E4	80-90	flakedstone	scraper	quartz	1.6	0.7	0.5			1		"possible end-scraper"
4611	1983	1x2m	S17/E4	80-90	bone	NA		0.3	0.4	0.3			1		fish vertebra
4612	1983	1x2m	S17/E4	80-90	flakedstone	debitage	basalt	1.3	0.5	0.1			1		"blade flake"
4613	1983	1x2m	S13/E8	40-50	flakedstone	scraper	obsidian	2.2	1.2	0.2			1		end scraper
4614	1983	1x2m	S13/E6	60-70	flakedstone	scraper	basalt	4.5	4.0	1.0			1		
4615	1983	1x2m	S13/E10	80-90	pottery	TizonBrown		5.4	3.0	0.7			1		rim sherd
4616	1983	1x2m	S13/E10	80-90	flakedstone	debitage	basalt	4.7	2.6	0.2			1		
4617	1983	1x2m	S27/W2-	0-10	pottery	TizonBrown		3.5	2.3	0.3			1		"altered", quartz temper
4618	1983	1x2m	S27/W2-	0-10	bone	NA		1.4	0.5	0.1			1		polished bone fragment
4619	1983	Surface	shed area	surface	flakedstone	NA	quartz	1.7	1.3	0.2			1		burin
4620	1983	1x2m	S17/E8	70-80	other	other	quartz	1.2	0.3	0.2			1		"crystal"
4621	1983	1x2m	S13/E10	80-90	bone	NA		1.2	0.5	0.1			1		polished and butchered
4622	1983	1x2m	S18/W4	40-50	shell	bead		1.4	0.8	0.1			1		olivella
4623	1983	1x2m	S17/E4	70-80	bone	NA		0.9	0.9	0.9			1		snake vertebra
4624	1983	1x2m	S17/E4	80-90	bone	NA		1.2	0.7	0.8			1		snake vertebra

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4625	1983	1x2m	S17/E4	80-90	bone	NA		1.2	0.8	0.3			1		snake vertebra fragment
4626	1983	1x2m	S13/E10	80-90	bone	NA		0.8	0.4	0.3			1		fish vertebra
4627	1983	1x2m	S13/E10	80-90	bone	NA		0.3	0.3	0.3			1		fish vertebra
4628	1983	1x2m	S13/E10	80-90	bone	NA		1.5	1.0	0.7			1		returned to bone bag
4629	1983	1x2m	S27/W4	10-20	shell	bead							3		olivella disc beads
4630	1983	1x2m	S27/W4	10-20	flakedstone	projectilept	basalt	3.2	1.0	0.3			1		"31.5-41.5cm" depth?
4631	1983	1x2m	S18/W4	10-20	bone	NA		1.7	0.2	0.3			1		polished
4632	1983	1x2m	S18/W14	surface	flakedstone	scraper	quartz	5.0	3.8	1.3			1		
4633	1983	1x2m	S13/E6	60-70	other	other	other	5.0	5.0	2.5			1		cobble- probably not an a
4634	1983	1x2m	S13/E10	80-90	bone	NA							981		fragments
4635	1983	1x2m	S13/E10	80-90	pottery	TizonBrown							9		
4636	1983	1x2m	S13/E8	30-40	bone	NA							77		fragments
4637	1983	1x2m	S13/E8	30-40	pottery	TizonBrown							4		
4638	1983	1x2m	S13/E10	80-90	bone	NA		4.0	1.3	0.9			1		possible bird bone w/ asp
4639	1982	1x2m	S22/W8	60-70	bone	NA							2		animal teeth
4640	1983	1x2m	S17/E6	100-110	bone	NA		1.2	0.5	0.5			1		human tooth root
4641	1983	1x2m	S13/E8	30-40	flakedstone	scraper	basalt	3.5	4.0	1.0			1		
4642	1983	1x2m	S17/E8	80-90	bone	NA		1.3	0.8	0.5			1		human tooth root
4643	1983	1x2m	S27/W2-	20-30	bone	NA		0.5	0.2	0.2			1		fish vertebra
4644	1983	1x2m	S13/E10	90-100	bone	NA		3.8	0.7	0.6			1		fish vertebra
4645	1983	1x2m	S17/E4	90-100	bone	NA		1.0	0.6	0.3			1		otolith
4646	1983	1x2m	S13/E10	90-100	bone	NA		0.9	0.8	0.5			1		fish vertebra
4647	1983	1x2m	S14/W4	40-50	bone	NA		2.3	0.3	0.2			1		possible polished bone fra
4648	1983	1x2m	S18/E4	surface	flakedstone	scraper	basalt	7.4	5.1	1.3			1		porphyritic
4649	1983	1x2m	S18/E4	surface	flakedstone	utilizedflake	chert	2.6	1.7	0.5			1		
4650	1983	1x2m	S18/E4	surface	flakedstone	scraper	basalt	3.6	1.6	0.4			1		porphyritic
4651	1983	1x2m	S18/E4	surface	flakedstone	scraper	quartz	3.3	2.4	0.6			1		
4652	1983	1x2m	S14/W4	40-50	bone	NA							4		fragments
4653	1983	1x2m	S18/E4	surface	shell	marine shell		1.1	0.7	0.1			1		abalone fragment
4654	1983	1x2m	S14/W4	40-50	bone	NA		1.0	0.3	0.1			1		polished
4655	1983	1x2m	S14/W4	40-50	bone	NA		1.9	0.5	0.3			1		polished
4656	1983	1x2m	S14/W4	40-50	bone	NA		1.8	0.8	0.5			1		polished
4657	1983	1x2m	S13/E8	30-40	bone	NA		3.2	0.5	0.3			1		highly polished
4658	1983	1x2m	S13/E10	80-90	bone	NA		2.0	0.7	0.6			1		polished rabbit bone frag
4659	1983	1x2m	S13/E10	80-90	bone	NA		2.3	0.8	0.2			1		polished bone fragment
4660	1983	1x2m	S13/E10	30-40	charcoal	NA						0.0	1		no weight recorded
4661	1983	1x2m	S27/W2	30-40	flakedstone	chopper	basalt	9.3	8.6	3.2			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4662	1983	1x2m	S27/W2	20-30	flakedstone	utilizedflake	other	2.5	1.8	0.2			1		andesite
4663	1983	1x2m	S18/W4	40-50	shell	bead		1.5	0.8	0.1			1		olivella
4664	1983	1x2m	S27/W2-	20-30	shell	bead							6		olivella disc beads
4665	1983	1x2m	S13/E10	90-100	shell	marine shell							65		abalone fragments(Qty=6
4666	1983	1x2m	S27/W2-	30-40	shell	bead							29		olivella disc beads
4667	1983	1x2m	S17/E4	70-80	bone	NA							1287		fragments
4668	1983	1x2m	S17/E4	70-80	pottery	NA							8		
4669	1983	1x2m	S17/E8	80-90	bone	NA		1.8	0.7	0.5			1		"rabbit jaw" fragment
4670	1983	1x2m	S26/W6	60-70	bone	NA		0.8	0.6	0.6			1		Identified by Dr. R. Kerst
4671	1983	1x2m	S27/W2-	50-60	flakedstone	scraper	basalt	7.0	2.6	3.2			1		
4672	1983	Surface	rdEofsite	surface	flakedstone	projectilept	green	1.7	2.0	0.4		1.4	1		fragment(tip)
4673	1983	1x2m	S14/W8	50-60	groundstone	mano	granitic	7.7	5.0	3.2			1		fragment
4674	1983	1x2m	S27/W2	20-30	flakedstone	projectilept	chalcedony	1.6	1.1	0.2		0.5	1		
4675	1983	1x2m	S27/W2-	30-40	flakedstone	projectilept	quartz	2.1	1.3	0.3		1.3	1		possible point
4676	1983	1x2m	S14/W4	40-50	shell	bead		0.4	0.4	0.1			1		olivella disc bead
4677	1983	1x2m	S27/W2-	60-70	shell	bead							12		10 whole, 2 fragments
4678	1983	1x2m	S27/W2-	50-60	shell	bead							35		olivella disc beads
4679	1983	1x2m	S13/E12	30-40	flakedstone	projectilept	quartz	2.6	1.3	0.4		1.8	1		fragment
4680	1983	1x2m	S17/E8	80-90	bone	NA		0.6	0.8	0.7			1		snake vertebra
4681	1983	1x2m	S17/E8	80-90	bone	NA		0.8	0.7	0.6			1		fish vertebra
4682	1983	1x2m	S13/E6	70-80	groundstone	mano	granitic	9.7	8.4	4.4			1		fragment
4683	1983	1x2m	S27/W2	20-30	flakedstone	utilizedflake	basalt	2.1	1.0	0.1			1		fragment
4684	1983	1x2m	S27/W2-	30-40	flakedstone	utilizedflake	basalt	1.8	1.0	0.3			1		fragment
4685	1983	1x2m	S13/E12	30-40	flakedstone	utilizedflake	basalt	2.0	1.5	0.2			1		
4686	1983	1x2m	S27/W2-	40-50	shell	bead							25		olivella disc beads
4687	1983	1x2m	S17/E8	70-80	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
4688	1983	1x2m	S13/E10	90-100	flakedstone	debitage	obsidian	1.7	1.1	0.2			1		
4689	1983	1x2m	S27/W2-	30-40	shell	bead		0.3	0.5				1		olivella "barrel" bead
4690	1983	1x2m	S27/W2-	40-50	shell	bead							9		olivella disc beads
4691	1983	1x2m	S27/W2-	40-50	shell	bead							3		A 0.8x0.7x0.2
4692	1983	1x2m	S14/W8	50-60	bone	NA		4.7	1.1	1.1			1		deer
4693	1983	1x2m	S14/W8	50-60	bone	awl		7.3	1.5	1.0			1		
4694	1983	1x2m	S27/W4	40-50	bone	NA		1.1	1.0	0.6			1		Identified by Dr. R. Kerst
4695	1983	1x2m	S27/W2	40-50	bone	NA		0.5	0.3	0.3			1		fish vertebra
4696	1983	1x2m	S17/E4	70-80	flakedstone	core	basalt	5.2	4.5	3.0			1		fragment
4697	1983	1x2m	S17/E4	70-80	flakedstone	scraper	green	3.0	2.0	1.0			1		
4698	1983	1x2m	S17/E4	70-80	flakedstone	debitage	basalt	0.5	0.4	0.1			1		porphyritic

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4699	1983	1x2m	S18/W4	40-50	bone	NA		0.6	0.5	0.2			1		polished bone fragment
4700	1983	1x2m	S17/E4	70-80	soilsample	NA		1.8	1.5	1.0			1		soil sample
4701	1983	1x2m	S18/W4	40-50	bone	NA		0.4	0.3	0.1			1		polished bone fragment
4702	1983	1x2m	S17/E4	90-100	charcoal	NA						45.4	1		
4703	1983	1x2m	S27/W2-	50-60	charcoal	NA						33.0	1		special pit
4704	1983	1x2m	S27/W2-	60-70	charcoal	NA						0.0	1		no weight recorded
4705	1983	1x2m	S27/W2-	surface	charcoal	NA						0.0	1		no weight recorded
4706	1983	1x2m	S27/W2-	0-10	charcoal	NA						0.0	1		no weight recorded
4707	1983	1x2m	S18/W4	40-50	bone	NA		0.6	0.2	0.1			1	frag	Polished Bone Fragment.
4708	1983	1x2m	S14/W8	50-60	bone	awl		3.1	1.4	1.2			1	frag	Worked Bone - Rounded
4709	1983	1x2m	S13/E6	70-80	bone	NA		0.4	0.4	0.2			1		Fish Vertebra. No weight
4710	1982	1x2m	S13/E6	70-80	flakedstone	debitage	basalt	0.7	0.5	0.2			1		Dark grey chipping waste.
4711	1983	1x2m	S14/W0	60-70	bone	NA		4.7	0.6	0.3			1		Polished Bone. No weight
4712	1983	1x2m	S17/E14	90-100	bone	NA		2.2	0.7	0.4			1		Polished and incised bone
4713	1938	1x2m	S27/W2-	10-20	charcoal	NA						11.0	0		Special Pit
4714	1983	1x2m	S27/W2-	20-30	charcoal	NA						21.1	0		Special pit.
4715	1983	1x2m	S27/W2-	30-40	charcoal	NA						72.3	0		Special pit.
4716	1983	1x2m	S27/W2-	40-50	charcoal	NA						35.1	0		Special Pit.
4718	1983	1x2m	S13/E14	70-80	flakedstone	debitage	obsidian	0.5	0.4	0.1			1		Dark Grey
4719	1983	1x2m	S9/E6	20-30	bone	NA		0.2	0.2	0.1			1		Fish Vertabra
4720	1983	1x2m	S17/E4	90-100	flakedstone	debitage	basalt	0.8	0.3	0.1			1		Dark Grey
4721	1983	1x2m	S13/E14	70-80	pottery	TizonBrown		1.9	1.9	0.3			1		potery rim sherd. Finely g
4723	1983	1x2m	S26/W2	10-20	bone	NA							32		fragments
4724	1983	1x2m	S26/W2	10-20	pottery	NA		2.5	1.5	0.5			1		Desert Buff sherd
4725	1983	1x2m	S26/W2	10-20	pottery	NA		2.0	1.4	0.4			1		Desert Buff sherd
4726	1983	1x2m	S26/W2	10-20	pottery	NA		2.8	2.6	0.4			1		Desert Buff sherd
4727	1983	1x2m	S26/W2	10-20	charcoal	NA						1.8	999		
4728	1983	1x2m	S26/W2	10-20	pottery	TizonBrown							18		sherds
4729	1983	1x2m	S26/W2	30-40	flakedstone	utilizedflake	green	1.5	1.3	0.1			1		
4730	1983	1x2m	S26/W2	30-40	flakedstone	utilizedflake	green	2.5	2.1	0.3			1		
4731	1983	1x2m	S26/W2	30-40	flakedstone	core	basalt	5.0	4.5	1.7			1		
4732	1983	1x2m	S26/W2	30-40	flakedstone	core	basalt	7.0	5.5	3.0			1		
4733	1983	1x2m	S26/W2	30-40	flakedstone	core	basalt	9.0	7.0	2.5			1		
4734	1983	1x2m	S26/W2	30-40	bone	NA							462		
4735	1983	1x2m	S26/W2	30-40	bone	NA		1.2	0.8	0.5			1		snake vertabra, tan
4736	1983	1x2m	S26/W2	30-40	bone	NA		1.3	0.9	1.0			1		snake vertebra, brown
4737	1983	1x2m	S26/W2	30-40	bone	NA		1.4	1.0	0.8			1		snake vertebra, burnt

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4738	1983	1x2m	S26/W2	30-40	bone	NA		1.5	1.4	1.4			1		snake vertebra, tan
4739	1983	1x2m	S26/W2	30-40	bone	tool		2.1	0.8	0.2			1		possible net shuttle fragm
4740	1983	1x2m	S26/W2	30-40	pottery	TizonBrown							48		sherd
4741	1983	1x2m	S13/E14	70-80	other	other	basalt	4.5	4.2	5.0			1		cobble fragment
4742	1983	1x2m	S14/W0	70-80	soilsample	NA							999		soil sample
4743	1983	1x2m	S17/E8	90-100	flakedstone	scraper	basalt	6.3	5.0	1.4			1		
4744	1983	1x2m	S13/E6	70-80	flakedstone	knife	basalt	5.2	3.3	1.1		27.1	1		mano with thumb indentat
4745	1983	1x2m	S18/W4	50-60	shell	bead		0.3	0.5				1		Olivella Barrel Bead
4746	1983	1x2m	S14/W8	50-60	shell	bead		0.7	0.5	0.1			1		Disc bead, clam.
4747	1983	1x2m	S14/W4	40-50	shell	bead		1.3	0.9	0.1			1		Abraded
4748	1983	1x2m	S14/W4	40-50	shell	bead		1.5	0.8	0.1		0.5	1		Shell Bead, tan.
4749	1983	1x2m	S14/W0	60-70	charcoal	NA						107.0	9999		Dark Grey. *see 4828
4750	1984	1x2m	S13/E6	70-80	charcoal	NA						100.0	9999		Dark Grey.
4751	1984	1x2m	S13/E6	70-80	flakedstone	projectilept	quartz	0.9	0.6	0.3		0.3	1		projectile point tip.
4752	1983	1x2m	S14/W8	50-60	bone	NA		2.0	0.8	0.4			1		Altered and polished bone
4753	1983	1x2m	S14/W8	50-60	flakedstone	utilizedflake	green	1.6	1.4	0.1			1		Utilized flake.
4754	1983	1x2m	S14/W8	50-60	flakedstone	projectilept	quartz	1.6	1.5	0.3		1.2	1		Projectile point base, clea
4755	1983	1x2m	S14/W8	50-60	flakedstone	projectilept	basalt	2.2	1.5	0.2		0.9	1		Dark Grey.
4756	1983	1x2m	S14/W8	50-60	flakedstone	projectilept	basalt	1.8	0.9	0.3		0.5	1		Projectile point tip.
4757	1982	1x2m	S17/E8	10-20	flakedstone	projectilept	quartzite	1.4	1.4	0.3		0.9	1		Projectile point base frag
4758	1983	1x2m	S17/E6	10-20	flakedstone	projectilept	quartzite	1.3	1.0	0.3		0.5	1		Projectile point base.
4759	1983	1x2m	S14/W0	70-80	flakedstone	projectilept	green	3.5	1.7	0.2		1.7	1		Projectile point.
4820	1984	1x2m	S13/E10	110-120	bone	NA							32		
4821	1983	1x2m	S13/E10	90-100	pottery	TizonBrown		3.5	2.2	0.3			1		
4822	1984	1x2m	S13/E10	120-130	bone	NA							18		
4823	1984	1x2m	S13/E10	100-110	charcoal	NA							9999	17.9	
4824	1984	1x2m	S13/E10	110-120	charcoal	NA						0.4	9999		
4825	1984	1x2m	S26/W6	60-70	charcoal	NA						48.0	9999		see 4593
4826	1984	1x2m	S22/W6	90-100	charcoal	NA						65.1	9999		
4827	1984	1x2m	S26/W4	90-100	charcoal	NA						9.3	9999		
4828	1984	1x2m	S14/W0	60-70	charcoal	NA						15.8	9999		see 4749
4829	1984	1x2m	S14/W0	70-80	charcoal	NA						10.0	9999		
4830	1984	1x2m	S26/W2	80-90	charcoal	NA						70.3	9999		
4831	1983	1x2m	S13/E6	70-80	flakedstone	debitage	obsidian	0.8	0.5	0.1			1		
4832	1983	1x2m	S13/E6	70-80	flakedstone	debitage	obsidian	0.5	0.3	0.1			1		
4833	1984	1x2m	S26/W6	70-80	charcoal	NA						88.1	9999		
4834	1984	1x2m	S17/E12	80-90	charcoal	NA						15.1	9999		see 4510

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4835	1983	1x2m	S17/E4	80-90	charcoal	NA						61.8	9999		
4836	1983	1x2m	S13/E10	80-90	shell	NA						52.1	9999		Qty. 150
4837	1983	1x2m	S17/E4	80-90	groundstone	bead	soapstone	0.4	0.4	0.1			1		
4838	1984	1x2m	S13/E14	80-90	bone	NA		3.6	3.1	0.8			1		"cranium fragment (burnt)
4839	1983	1x2m	S14/W4	40-50	flakedstone	projectilept	basalt	2.5	2.0	0.9		4.9	1		porphyritic
4840	1983	1x2m	S14/W4	40-50	flakedstone	scraper	basalt	4.9	3.8	0.8			1		
4841	1984	1x2m	S26/W2	100-110	shell	bead			0.5	0.1			2		Olivella disc beads
4842	1983	1x2m	S14/W4	40-50	bone	NA							9999		Qty. 1151
4843	1984	1x2m	S26/W2	90-100	other	other	quartz	3.8	2.2	2.0			1		pebble
4844	1983	1x2m	S14/E4	40-50	flakedstone	utilizedflake	basalt	2.0	1.5				1		Is unit # s14 w4 or s14 e4
4845	1983	1x2m	S14/W4	40-50	flakedstone	scraper	quartz	4.0	2.0	2.5			1		"possible domed scraper"
4846	1983	1x2m	S14/W4	40-50	flakedstone	core	basalt	4.8	2.8	1.2			1		fragment
4847	1983	1x2m	S14/W4	40-50	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
4848	1983	1x2m	S14/W4	40-50	flakedstone	debitage	quartz	0.7	0.7	0.1			1		
4849	1983	1x2m	S14/W4	40-50	flakedstone	debitage	unidentified	0.6	0.5	0.1			1		
4850	1983	1x2m	S14/W4	40-50	flakedstone	debitage	green						1		
4851	1983	1x2m	S26/W2	50-60	bone	NA							11		burned bone fragments
4852	1983	1x2m	S26/W2	60-70	bone	NA							9999		Qty. 175
4853	1983	1x2m	S26/W2	70-80	bone	NA							28		burned bone fragments
4854	1982	1x2m	S26/W4	60-70	bone	NA							28		burned bone fragments
4855	1983	1x2m	S18/W0	80-90	charcoal	NA						7.2	9999		from under hearth
4856	1983	1x2m	S13/E8	40-50	charcoal	NA						22.1	9999		see 3111
4857	1983	1x2m	S13/E14	70-80	charcoal	NA						30.3	9999		
4858	1983	1x2m	S9/E6	20-30	charcoal	NA						23.8	9999		see 4343 and 2842
4859	1984	1x2m	S9/E6	30-40	charcoal	NA						7.8	9999		incomplete level
4860	1984	1x2m	S26/W4	100-110	charcoal	NA							9999		incomplete level
4861	1984	1x2m	S26/W2	100-110	charcoal	NA						17.4	9999		incomplete level
4862	1984	1x2m	S13/E14	80-90	charcoal	NA						4.0	9999		incomplete level
4863	1984	1x2m	S22/W6	100-110	charcoal	NA						5.7	9999		incomplete level
4864	1984	1x2m	S22/W2	20-30	charcoal	NA						3.7	9999		see 3303 and 4531
4865	1984	1x2m	S17/E8	90-100	charcoal	NA						11.0	9999		incomplete level
4866	1984	1x2m	S18/W4	50-60	charcoal	NA						42.6	9999		incomplete level
4867	1984	1x2m	S26/W10	60-70	charcoal	NA						35.9	9999		see 4334
4868	1984	1x2m	S13/E12	30-40	charcoal	NA						28.7	9999		see 4339 and 3122
4869	1984	1x2m	S17/E4	100-110	charcoal	NA						34.4	9999		incomplete level
4870	1984	1x2m	S26/W4	60-70	bone	NA							1		human anterior tooth frag
4871	1983	1x2m	S26/W2	60-70	bone	NA							33		burned bone fragments

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4872	1983	1x2m	S14/W4	40-50	flakedstone	debitage	varied						9999		Qty. 219
4873	1983	1x2m	S14/W4	40-50	pottery	TizonBrown							26		
4874	1983	1x2m	S14/W4	40-50	seeds	NA		0.6	0.4	0.2			1		burnt
4875	1983	1x2m	S13/E6	60-70	shell	NA		2.8	2.5	0.2			1		chione
4876	1983	1x2m	S13/E6	60-70	pottery	TizonBrown							23		
4877	1983	1x2m	S13/E6	60-70	flakedstone	debitage	varied						9999		Qty. 165
4878	1983	1x2m	S13/E6	60-70	flakedstone	core	basalt	6.4	3.5	2.0			1		fragment
4879	1983	1x2m	S13/E6	60-70	bone	NA							9999		Qty. 1416
4880	1983	1x2m	S26/W4	80-90	bone	NA							11		Charred bone. From speci
4881	1983	1x2m	S26/W2	70-80	bone	NA							1		Human deciduous incciso
4882	1983	1x2m	S26/W2	70-80	bone	NA							2		Human molar caps, white,
4883	1983	1x2m	S13/E5	60-70	shell	NA							542		Non-artifactual shell.
4884	1983	1x2m	S13/E6	60-70	flakedstone	core	basalt	4.4	3.5	1.1			1		0.5- 1.1cm
4885	1983	1x2m	S13/E6	60-70	pottery	ColoradoBuff							1		potsherd
4886	1983	1x2m	S13/E6	60-70	bone	NA		1.6	0.7	0.5			1		Polished bone fragment.
4887	1983	1x2m	S13/E6	60-70	bone	NA		0.7	0.5	0.5			1		Snake vertabra.
4888	1983	1x2m	S13/E6	60-70	flakedstone	core	basalt	4.6	4.4	0.6			1		core fragment
4889	1984	1x2m	S22/W8	60-70	soilsample	NA							0		"65 cm deep, 80 from wes
4890	1983	1x2m	S26/W4	30-40	shell	bead		0.5	0.1				1		Not in special deposit.
4891	1984	1x2m	S26/W4	60-70	bone	NA							22		Animal bone fragments fr
4892	1984	1x2m	S26/W4	60-70	bone	NA		0.7	1.2	0.8			1		Snake vertabra, tan. From
4893	1984	1x2m	S26/W4	60-70	shell	bead							37		Olivella Disc Bead , Dk G
4894	1984	1x2m	1	80-90	shell	bead		0.5	0.1				38	com	Olivella, Dk. Grey
4895	1983	1x2m	S26/W4	80-90	bone	NA			0.3	0.4			1		fish vertabra, tan
4896	1983	1x2m	1	80-90	shell	NA							2	no deposit	no shell remaining
4897	1983	1x2m	1	80-90	shell	bead		1.0	0.6	0.1			1	com	lot in special deposit
4898	1983	1x2m	1	80-90	flakedstone	scraper	green	5.2	3.9	1.3			1		probably made from felsit
4899	1983	1x2m	1	70-80	shell	bead							8	com	one fragment disk bead
4900	1983	1x2m	1	70-80	shell	bead							1		olivella shell disk bead
4901	1984	1x2m	1	70-80	bone	NA							13	frag	brown
4902	1984	1x2m	1	70-80	pottery	TizonBrown		2.0	1.2	0.6			1	frag	pottery sherds
4903	1983	1x2m	1	80-90	shell	bead							3		olivella disk beads
4904	1983	1x2m	1	50-60	shell	NA							6	frag	white, grey
4905	1983	1x2m	1	50-60	shell	bead							8		olivella disk beads
4906	1983	1x2m	1	50-60	flakedstone	debitage	varied						10	frag	
4907	1983	1x2m	1	50-60	pottery	TizonBrown		12.6	8.6	0.4			1	frag	fine texture, sand temper,
4908	1983	1x2m	1	50-60	pottery	TizonBrown		5.5	4.6	0.5			1	frag	Fine texture

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4909	1983	1x2m	1	0-10	pottery	TizonBrown		3.2	2.1	0.3			1	frag	fine texture, sand temper,
4910	1983	1x2m	1	50-60	pottery	TizonBrown		2.2	2.0	0.5			1	frag	
4911	1983	1x2m	1	50-60	pottery	TizonBrown		1.0	0.8	0.3			1	frag	medium texture
4912	1983	1x2m	1	50-60	bone	NA		1.0	0.8	0.1			1		Snake vertabrea
4913	1983	1x2m	1	50-60	bone	NA							87	frag	special corner S/W
4937	1983	1x2m	1	60-70	pottery	TizonBrown		0.8	0.8	0.3			1	frag	medium texture
4938	1983	1x2m	1	60-70	pottery	TizonBrown		2.0	1.5	0.4			1	frag	fine texture, sand temper
4939	1983	1x2m	1	60-70	flakedstone	debitage	green	0.6	0.5	0.1			1		not in special
4940	1983	1x2m	1	60-70	bone	NA							180	frag	brown
4941	1983	1x2m	1	60-70	flakedstone	scraper	green	4.5	3.6	0.7			1		patination
4942	1983	1x2m	1	60-70	flakedstone	debitage	basalt	2.4	1.2	0.2			1		dk grey
4943	1984	1x2m	1	60-70	pottery	TizonBrown		14.0	11.5	0.4			1	frag	measurements rim=21.5c
4944	1984	1x2m	1	60-70	pottery	TizonBrown		8.7	5.0	0.4			1	frag	rim sherd
4945	1984	1x2m	1	60-70	pottery	TizonBrown		10.4	8.0	0.4			1	frag	fine texture-sand temper
4946	1983	1x2m	1	40-50	shell	bead			0.5	0.1			4	com	dk grey
4947	1983	1x2m	1	40-50	shell	bead			0.5	0.1			3		Olivella disk beads
4948	1983	1x2m	S26/W2	50-60	flakedstone	projectilept		3.1	1.6	0.3			1		ABALONE
4949	1983	1x2m	S26/W2	50-60	shell	bead			0.5	0.1			2		olivella bead
4950	1983	1x2m	S26/W2	50-60	shell	bead			0.5	0.1			2		olivella
4951	1983	1x2m	S26/W2	50-60	shell	bead			0.5	0.1			4		olivella bead
4952	1983	1x2m	S26/W2	60-70	shell	bead			0.5	0.1			1		olivella bead
4953	1983	1x2m	S26/W2	50-60	bone	NA		0.4	1.0	0.2			2		vertebra fish
4954	1983	1x2m	S26/W2	60-70	shell	bead		1.4	0.1	0.1			1		olivella bead
4955	1983	1x2m	S26/W2	60-70	shell	bead							6		olivella bead
4956	1983	1x2m	S26/W2	60-70	bone	NA		0.4	0.6	0.6			1		vertebra
4957	1983	1x2m	S26/W2	60-70	pottery	TizonBrown		3.1	1.7	0.2			1	frag	pipe frag
4958	1983	1x2m	S26/W2	60-70	shell	bead			0.6	0.1			11		olivella beads
4959	1983	1x2m	S26/W2	60-70	bone	NA		0.4	0.6	0.2			1		vertebra fish
4960	1981	1x2m	S26/W2	70-80	pottery	TizonBrown		1.2	1.0	0.5			1	frag	rim sherd
4961	1983	1x2m	S26/W2	70-80	shell	bead			0.4	0.1			1		olivella bead
4963	1983	1x2m	S26/W2	70-80	groundstone	NA		7.7	5.2	3.0			1		cobble
4964	1983	1x2m	S26/W2	surface	shell	bead							3		olivella, spl corner S/W
4965	1984	1x2m	S26/W2	80-90	flakedstone	scraper	basalt	4.0	3.5	1.0			1		
4966	1983	1x2m	S13/E6	60-70	flakedstone	core	green	4.8	4.5	3.0			1		
4967	1984	1x2m	S26/W2	90-100	charcoal	NA						16.7	1		
4968	1984	1x2m	S14/E2	20-30	pottery	TizonBrown		2.1	1.0	0.4			1		
4969	1983	1x2m	S26/W2	60-70	charcoal	NA						4.5	1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
4970	1981	1x2m	S26/W2	70-80	charcoal	NA						2.8	1		
4971	1983	1x2m	S26/W2	50-60	charcoal	NA						19.9	1		
4972	1982	1x2m	S26/W2	60-70	charcoal	NA						39.9	2		
4973	1983	1x2m	S13/E6	60-70	flakedstone	scraper	basalt	5.0	3.9	1.2			1		
4974	1983	1x2m	S13/E6	70-80	pottery	TizonBrown							7		sherds
4975	1983	1x2m	S13/E6	70-80	flakedstone	core	basalt	5.5	3.5	1.8			1	frag	
4976	1984	1x2m	S13/E6	70-80	flakedstone	utilizedflake	green	2.0	1.3	0.1			1		
4977	1983	1x2m	S14/E2	30-40	bone	NA		2.0	1.8	0.6			1	frag	poss human cranium
4978		1x2m	S13/E6	70-80	flakedstone	utilizedflake	green	2.2	1.7	0.5			1		
4979	1984	1x2m	S13/E6	70-80	bone	NA							1022		
4980	1983	1x2m	S14/W4	30-40	pottery	TizonBrown							22	frag	
4981	1983	1x2m	S14/W4	30-40	bone	NA							681	frag	
4982	1982	1x2m	S14/W4	30-40	bone	NA							1		snake vertebra
4983	1984	1x2m	S22/W6	90-100	pottery	TizonBrown		2.0	1.5	0.5			1		
4984	1983	1x2m	S13/E6	70-80	bone	NA		2.4	1.2	0.4			1		poss human cranium
4985	1984	1x2m	S13/E6	70-80	bone	NA		2.0	1.8	0.5			1	frag	poss human cranium
4986	1984	1x2m	S13/E6	70-80	bone	NA		1.5	1.2	0.4			1	frag	poss human cranium
4987	1984	1x2m	S13/E6	70-80	bone	NA		0.6	0.5	0.3			1	frag	fish vertebra
4988	1984	1x2m	S13/E6	70-80	bone	NA		0.8	1.0	1.0			1	frag	snake vertebra
5003	1982	1x2m	S26/W12	60-70	bone	NA		0.4	0.3	0.2		1.1	1		Fish vertebra.
5004	1982	1x2m	S26/W12	60-70	bone	NA		0.5	0.3	0.2			1		Fish vertebra.
5005	1982	1x2m	S26/W12	60-70	bone	NA		0.3	0.2	0.2			1		Fish vertebra.
5006	1982	1x2m	S26/W12	60-70	bone	NA		0.3	0.2	0.2			1		Fish vertebra.
5007	1982	1x2m	S26/W12	60-70	bone	NA		0.5	0.2	0.2			1		Fish vertebra.
5008	1984	1x2m	S22/W8	30-40	pottery	ColoradoBuff		2.5	1.8	0.5			1		Pottery sherd. Originally
5009	1982	1x2m	S17/E14	40-50	bone	NA		0.6	0.4	0.3			1		Fish vertebra.
5010	1982	1x2m	S17/E14	40-50	bone	NA		0.3	0.3	0.3			1		Fish vertebra.
5011	198?	1x2m	S22/W8	20-30	bone	NA		0.5	0.4	0.3			1		Fish vertebra.
5012	198?	1x2m	S22/W8	50-60	bone	NA		1.0	0.9	1.0			1		Vertebra.
5013	1982	1x2m	S26/W12	60-70	bone	NA		0.2	0.3	0.3			1		Quantity value left blank
5014	198?	1x2m	S17/E14	70-80	bone	NA		0.5	0.6	0.7			1		Fish vertebra.
5015	198?	1x2m	S17/E14	70-80	bone	NA		0.5	0.6	0.6			1		Fish vertebra.
5016	1982	1x2m	S17/E12	30-40	pottery	ColoradoBuff		1.9	1.7	0.3			1		Fish vertebra.
5017	198?	1x2m	S22/W6	20-30	pottery	ColoradoBuff		2.7	0.8	0.5			1		Pottery sherd.
5018	198?	1x2m	S18/W4	40-50	pottery	ColoradoBuff							1		One side orange/red.
5019	198?	1x2m	S18/W4	40-50	pottery	TizonBrown							36		Pottery sherds.
5020	198?	1x2m	S22/W6	0-10	pottery	TizonBrown							22		Pottery sherds.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
5021	198?	1x2m	S22/W6	10-20	pottery	TizonBrown							32		Pottery sherds.
5022	198?	1x2m	S22/W2	20-30	pottery	TizonBrown							34		Pottery sherds.
5023	198?	1x2m	S22/W2	20-30	pottery	TizonBrown		6.3	4.5	0.3			1		Pottery sherd w/possible t
5024	198?	1x2m	S22/W6	20-30	pottery	TizonBrown							42		Pottery sherds.
5025	1983	1x2m	S17/E8	40-50	flakedstone	utilizedflake	jasper	0.9	0.5	0.1			1		Blade flake fragment.
5026	1983	1x2m	S17/E8	40-50	flakedstone	utilizedflake	green	1.5	0.5	0.1			1		Blade flake fragment.
5027	1983	1x2m	S17/E8	40-50	flakedstone	utilizedflake	quartz	2.6	1.9	0.8		3.6	1		Point blank.
5028	1983	1x2m	S17/E8	40-50	flakedstone	core	green	3.8	3.0	1.5			1		
5029	1983	1x2m	S17/E8	40-50	flakedstone	utilizedflake	basalt	2.5	1.7	0.2			1		
5030	1983	1x2m	S17/E8	40-50	flakedstone	scraper	basalt	5.2	3.3	1.3			1		
5031	1983	1x2m	S17/E8	40-50	flakedstone	scraper	basalt	3.0	2.6	0.2			1		Flake scraper.
5032	1983	1x2m	S27/W2-	surface	bone	NA							12		Bone fragments.
5033	1983	1x2m	S27/W2-	0-10	shell	NA							13		Shell fragments.
5034	1983	1x2m	S27/W2-	0-10	glass	NA		1.5	0.5	0.1			1		Glass fragment, historic.
5035	1983	1x2m	S27/W2-	0-10	bone	NA							66		Bone fragment(s).
5036	1983	1x2m	S27/W2-	0-10	pottery	TizonBrown							15		Pottery sherds.
5037	1983	1x2m	S27/W2-	0-10	flakedstone	debitage	varied						20		Pottery sherds.
5038	1983	1x2m	S23/W4	10-20	pottery	TizonBrown							1		Pottery sherds.
5039	1983	1x2m	S27/W2-	10-20	bone	NA							144		Bone fragments.
5040	1983	1x2m	S27/W2-	10-20	flakedstone	debitage	varied						47		Chipping waste. 17ea- ba
5041	1983	1x2m	S27/W2-	10-20	shell	NA							23		Shell fragments.
5042	1983	1x2m	S27/W2-	10-20	flakedstone	utilizedflake	green	1.5	0.5	0.1			1		Blade flake.
5043	1983	1x2m	1	10-20	flakedstone	debitage	basalt	0.5	0.4	0.1			1	frag	
5044	1983	1x2m	1	20-30	shell	NA							23	frag	S 27/ W 2 W4
5045	1983	1x2m	1	20-30	pottery	TizonBrown							5	frag	S 27/ W2 W4
5046	1983	1x2m	1	20-30	bone	NA							135	frag	S 27/ W2 W4
5047	1983	1x2m	1	30-40	flakedstone	debitage	varied						27	frag	
5048	1983	1x2m	1	30-40	pottery	TizonBrown							9	frag	sherds
5049	1983	1x2m	1	30-40	flakedstone	utilizedflake	basalt	2.2	1.7	0.1			1	frag	dk grey
5050	1983	1x2m	1	30-40	shell	NA							21	frag	S 27/ W 2 W 4
5051	1983	1x2m	1	30-40	bone	NA							258	frag	dk grey, tan, white
5052	1983	1x2m	1	30-40	bone	NA		0.5	0.4	0.4			1		tan, fish vertabra
5053	1983	1x2m	1	30-40	bone	NA		0.8	1.2	0.1			1		dk grey
5054	1983	1x2m	1	40-50	pottery	TizonBrown							3	frag	S27/W2 W4
5055	1983	1x2m	1	40-50	flakedstone	debitage							18	frag	S27/W2 W4
5056	1983	1x2m	1	40-50	bone	NA							165	frag	
5057	1983	1x2m	1	40-50	shell	NA							30	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
5058	1983	1x2m	1	50-60	flakedstone	debitage	varied						12	frag	
5059	1983	1x2m	1	50-60	bone	NA							103	frag	S27/W2 W4
5060	1983	1x2m	1	50-60	shell	NA							6		S27/W2 W4
5061	1983	1x2m	1	50-60	pottery	TizonBrown							2	frag	S27/W2 W4
5062	1983	1x2m	1	60-70	shell	NA							4	frag	
5063	1983	1x2m	1	60-70	flakedstone	debitage	varied						10	frag	chipping waste
5064	1983	1x2m	1	60-70	pottery	TizonBrown							1	frag	1 removed as it has altere
5065	1983	1x2m	1	60-70	bone	NA							54	frag	S27/W2 W4
5066	1983	1x2m	1	80-90	pottery	TizonBrown							3	frag	S17/ E8
5067	1983	1x2m	1	80-90	flakedstone	core	basalt	5.6	4.5	4.4			1	frag	
5068	1983	1x2m	1	80-90	flakedstone	debitage	varied						112	frag	chipping waste
5069	1983	1x2m	1	80-90	bone	NA		2.7	1.1	0.3			1		butchered bone (cut)
5070	1983	1x2m	1	80-90	bone	NA		1.8	1.5	0.9			1		Snake vertebra
5071	1983	1x2m	1	80-90	flakedstone	scraper	basalt	3.0	3.0	0.8			1	com	Dk grey
5072	1983	1x2m	1	80-90	bone	NA							1556	frag	tan
5073	1983	1x2m	1	100-110	groundstone	mano	granitic	10.2	9.7	5.5			1	com	tan-grey cobble
5074	1982	1x2m	1	90-100	flakedstone	debitage	varied						27	frag	
5075	1983	1x2m	1	90-100	flakedstone	core	green	5.7	4.5	3.0			1	frag	S 17/ E 6
5077	1983	1x2m	1	90-100	pottery	TizonBrown							5	frag	S 17/ E 6
5078	1983	1x2m	1	90-100	flakedstone	core	quartz	5.8	4.0	2.0			1	frag	white, cream
5079	1983	1x2m	1	90-100	bone	NA							137	frag	
5080	1983	1x2m	1	90-100	shell	marine shell						11.8	27	frag	
5081	1983	1x2m	1	80-90	bone	NA		1.7	1.3	0.4			1	frag	cranium
5082	1983	1x2m	1	100-110	bone	NA							866	frag	some large bone, one turtl
5083	1983	1x2m	1	80-90	bone	NA		2.1	1.3	0.3			1	frag	polished and fired bone
5084	1983	1x2m	1	100-110	bone	bead		1.7	0.3	0.3			1	frag	polished and burnt bird b
5085	1983	1x2m	1	100-110	bone	NA		1.2	1.2	0.8			1		Snake Vertebra
5086	1983	1x2m	1	100-110	flakedstone	core	quartzite	3.5	2.6	2.5			1	tan, grey	S 17/ E 6
5087	1983	1x2m	1	100-110	pottery	TizonBrown							3	frag	S 17/ E 6
5088	1983	1x2m	1	100-110	flakedstone	scraper	basalt	4.9	4.0	1.3			1	com	
5089	1983	1x2m	1	100-110	flakedstone	scraper	green	7.5	4.5	1.4			1	com	
5117	1984	1x2m	1	40-50	flakedstone	scraper	basalt	6.0	4.6	1.6			1	com	dk grey
5118	1981	1x2m	1	40-50	groundstone	unidentified	unidentified	5.5	5.0	1.7			1	frag	
5163	1986	1x2m	1	50-60	shell	marine shell						30.2	75	frag	Chione 14 3.6g, Pecten 3
5210	1982	1x2m	1	70-80	shell	freshwater shell							2	com	snail
5222	1984	1x2m	S26/W6	60-70	bone	NA							57	frag	
5223	1984	1x2m	S26/W6	60-70	flakedstone	debitage	basalt						8	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
5224	1984	1x2m	S26/W6	60-70	shell	NA							5		
5226	1982	1x2m	S18/W0	90-100	flakedstone	utilizedflake	basalt	2.7	1.5	0.6			1	frag	
5227	1982	1x2m	S18/W0	90-100	flakedstone	scraper	granitic	4.1	2.3	0.6			1		
5228	1982	1x2m	S18/W0	90-100	flakedstone	utilizedflake	quartzite	4.4	4.0	1.1			1		cobble flake
5229	1981	1x2m	S18/W0	100-110	flakedstone	debitage	basalt					16.9	10	frag	
5231	1982	1x2m	S18/W0	90-100	pottery	TizonBrown							10	frag	1 with thumb print
5232	1982	1x2m	S18/W0	90-100	shell	marine shell						4.9	17		
5233	1982	1x2m	S18/W0	90-100	flakedstone	core	quartz	4.2	2.5	3.0			1	frag	
5234	1982	1x2m	S18/W0	90-100	flakedstone	core	MVaphanitic	6.0	3.7	4.0			1	frag	
5235	1982	1x2m	S18/W0	90-100	flakedstone	core	green	5.0	3.2	3.0			1	frag	olivine
5236	1982	1x2m	S18/W0	100-110	pottery	TizonBrown							2	frag	
5237	1982	1x2m	S18/W0	110-120	bone	NA							2		
5238	1982	1x2m	S18/W0	110-120	shell	marine shell						1.5	5		
5239	1982	1x2m	S18/W0	110-120	flakedstone	debitage	basalt					40.0	17		
5240	1984	1x2m	S18/W0	110-120	flakedstone	debitage	quartz	1.5	2.0	1.1		2.7	1	frag	poss point blank base
5241	1984	1x2m	S18/W0	110-120	flakedstone	NA	quartzite	3.5	3.0	1.2			1	frag	cobble frag
5242	1984	1x2m	S18/W0	110-120	flakedstone	utilizedflake	basalt	2.5	1.7	0.3			1	frag	
5243	1984	1x2m	S18/W0	110-120	pottery	TizonBrown							1		
5244	1984	1x2m	S18/W0	110-120	flakedstone	core		7.5	5.0	2.2			1		cobble core
5245	1983	1x2m	S18/W0	130-197	flakedstone	core	quartz	6.0	4.1	3.1			1		
5246	1983	1x2m	S18/W0	130-199	flakedstone	scraper	basalt						1		see 5245
5247	1983	1x2m	S18/W0	130-199	flakedstone	core	basalt	3.6	3.0	1.2			1	frag	cobble
5248	1982	1x2m	S18/W8	30-40	flakedstone	debitage	basalt						9		
5249	1983	1x2m	S26/W6	60-70	bone	NA							95	frag	
5250	1983	1x2m	S26/W6	60-70	pottery	TizonBrown							2	frag	
5251	1983	1x2m	S26/W6	60-70	flakedstone	debitage	basalt						13		
5252	1983	1x2m	S26/W6	60-70	shell	NA						2.3	9		
5253	1982	1x2m	S18/W8	30-40	shell	NA						1.1	3	frag	
5254	1982	1x2m	S18/W8	50-60	flakedstone	debitage	basalt						18		
5255	1982	1x2m	S18/W8	50-60	pottery	TizonBrown							1	frag	
5256	1982	1x2m	S18/W8	50-60	bone	NA							31	frag	
5257	1983	1x2m	S18/W8	50-60	shell	NA						10.2	8	frag	
5258	1982	1x2m	S18/W8	50-60	bone	NA							237	frag	
5259	1982	1x2m	S18/W8	50-60	flakedstone	debitage	quartz						73	frag	
5260	1982	1x2m	S18/W8	50-60	shell	marine shell						18.7	26	frag	
5261	1982	1x2m	S18/W8	50-60	pottery	TizonBrown							22	frag	
5262	1982	1x2m	S18/W8	50-60	flakedstone	core	other	3.5	3.0	2.6			1	frag	cobble

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5263	1982	1x2m	S18/W8	60-70	bone	NA							74	frag	
5264	1982	1x2m	S18/W8	60-70	flakedstone	debitage	basalt						10		
5265	1982	1x2m	S18/W8	60-70	pottery	TizonBrown							6	frag	
5266	1982	1x2m	S18/W8	60-70	shell	marine shell						6.6	3	frag	
5267	1982	1x2m	S18/W8	60-70	flakedstone	debitage	basalt	1.0	0.8	0.1			1		mirco flake
5268	1982	1x2m	S18/W8	70-80	pottery	TizonBrown							14		
5269	1982	1x2m	S18/W8	70-80	shell	marine shell						1.2	9	frag	
5270	1982	1x2m	S18/W8	70-80	flakedstone	debitage	basalt						31	frag	
5271	1982	1x2m	S18/W8	70-80	flakedstone	debitage	other						1		rhyolite
5272	1982	1x2m	S18/W8	70-80	flakedstone	scraper	basalt	3.5	2.5	1.0			1		
5273	1982	1x2m	S18/W8	70-80	bone	NA							102	frag	
5274	1982	1x2m	S18/W8	80-90	shell	marine shell						6.7	10		
5275	1982	1x2m	S22/W0	30-40	flakedstone	debitage	basalt						19		
5276	1982	1x2m	S18/W8	80-90	flakedstone	debitage	quartz						33		
5277	1982	1x2m	S18/W8	70-80	flakedstone	biface	quartz	2.5	2.5	0.1		4.8	1	frag	point blank base
5278	1982	1x2m	S18/W8	80-90	flakedstone	core	quartzite	7.8	7.0	2.6			1	frag	cortex core frag
5280	1982	1x2m	S22/W0	40-50	pottery	TizonBrown							3		Pottery sherds.
5281	1198	1x2m	S22/W0	40-50	flakedstone	projectilept	quartz	3.0	2.7	0.5		3.8	1	com	Point blank, white.
5282	1982	1x2m	S22/W0	30-40	flakedstone	debitage	basalt	1.3	1.0	0.3			1		Flake, dark grey.
5283	1982	1x2m	S22/W0	40-50	shell	bead		1.2	0.7				1	com	Olivella bead, chipped
5304	1982	1x2m	S22/W8	50-60	flakedstone	NA	varied						121		
5305	1982	1x2m	S22/W8	50-60	flakedstone	debitage	chalcedony	0.1	0.7	0.5			1		Chipping Waste, Red/yell
5306	1982	1x2m	S22/W8	60-70	flakedstone	debitage	basalt	0.6	0.5	0.1			1		Micro flake
5307	1982	1x2m	S22/W8	60-70	flakedstone	debitage	basalt	0.7	0.8	0.2			1		
5308	1982	1x2m	S22/W8	60-70	flakedstone	debitage	basalt	0.9	0.6	0.2			1		
5309	1982	1x2m	S22/W8	60-70	flakedstone	knife	basalt	0.7	0.4	0.2			1		blade frag
5310	1983	1x2m	S22/W8	70-80	flakedstone	debitage	basalt						20		
5311	1983	1x2m	S22/W8	70-80	pottery	TizonBrown							6		
5312	1983	1x2m	S22/W8	70-80	bone	NA							83		
5313	1983	1x2m	S22/W8	80-90	bone	NA							77		
5314	1983	1x2m	S22/W8	70-80	flakedstone	scraper	chert	3.7	2.2	0.4			1		
5315	1983	1x2m	S22/W8	80-90	shell	marine shell						0.5	3		
5316	1982	1x2m	S22/W8	60-70	flakedstone	knife	green	0.6	0.4	0.1			1		blade frag
5317	1982	1x2m	S22/W8	60-70	flakedstone	knife	quartz	0.9	0.5	0.1			1		blade frag
5318	1982	1x2m	S22/W8	60-70	flakedstone	utilizedflake	green	1.7	1.0	0.1			1		
5319	1982	1x2m	S22/W8	60-70	flakedstone	utilizedflake	basalt	2.9	0.8	0.4			1		
5320	1982	1x2m	S26/W0	30-40	pottery	TizonBrown							37		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
5321	1982	1x2m	S26/W0	30-40	shell	marine shell						33.2	69		
5322	1983	1x2m	S22/W8	80-90	flakedstone	debitage	basalt						5		
5323	1983	1x2m	S22/W8	80-90	flakedstone	projectilept	quartz	1.2	1.0	0.2			1		
5324	1983	1x2m	S22/W8	70-80	shell	marine shell							11		
5325	1983	1x2m	S22/W8	70-80	pottery	TizonBrown							1		
5326	1983	1x2m	S22/W8	70-80	shell	marine shell						0.7	17		
5327	1983	1x2m	S22/W8	70-80	bone	NA							27		from ash depsoit
5328	1983	1x2m	S22/W8	70-80	pottery	TizonBrown							1		
5329	1983	1x2m	S26/W0	20-30	shell	marine shell						11.6	22		
5330	1984	1x2m	S26/W0	20-30	bone	NA							186		
5331	1984	1x2m	S26/W0	20-30	pottery	TizonBrown							47		
5332	1982	1x2m	S26/W0	30-40	bone	NA							378		
5333	1982	1x2m	S22/W8	70-80	bone	NA							1		antler tip
5334	1984	1x2m	S26/W0	20-30	shell	bead							1		olivella
5335	1984	1x2m	S26/W0	30-40	shell	marine shell		0.8	0.4	0.1			1		
5336	1984	1x2m	S26/W0	20-30	pottery	TizonBrown		1.5	1.0	0.4			1		
5337	1984	1x2m	S26/W0	20-30	pottery	TizonBrown		0.9	0.9	0.4			1		
5338	1982	1x2m	S26/W0	30-40	shell	marine shell		1.3	0.5	0.7			1		whole olivella
5339	1982	1x2m	S22/W8	60-70	flakedstone	debitage	basalt						131		
5340	1984	1x2m	S26/W0	30-40	flakedstone	debitage	basalt						101		
5341	1982	1x2m	S26/W0	40-50	shell	marine shell						5.6	14		
5342	1982	1x2m	S26/W0	40-50	pottery	TizonBrown							39		
5343	1982	1x2m	S26/W0	40-50	bone	NA							202		
5344	1984	1x2m	S26/W0	40-50	bone	NA							1		snake
5345	1982	1x2m	S26/W0	40-50	flakedstone	debitage	quartz						28		
5346	1982	1x2m	S22/W8	60-70	pottery	TizonBrown							19		
5347	1982	1x2m	S26/W0	50-60	shell	marine shell						9.9	17		
5348		1x2m	S22/W8	60-70	flakedstone	utilizedflake	basalt	1.8	1.1	0.3			1		
5349	1982	1x2m	S26/W0	50-60	shell	marine shell		1.7	0.9	0.5			1		whole olivella
5350	1982	1x2m	S22/W8	60-70	flakedstone	utilizedflake	basalt	1.8	1.2	0.2			1		
5351	1982	1x2m	S26/W0	50-60	pottery	TizonBrown							12		
5438	1984	1x2m	S18/W2	30-40	flakedstone	projectilept	basalt	4.5	2.0	0.8		7.6	1	com	From hearth area.
5439	1984	1x2m	S18/W2	30-40	flakedstone	projectilept	basalt	2.1	1.4	0.2		0.8	1	com	Projectile point, grey.
5440	1984	1x2m	S16/W6	surface	flakedstone	projectilept	basalt	1.7	1.2	0.3		0.6	1		Projetile point base, dark
5441	1984	1x2m	S9/E6	30-40	flakedstone	projectilept	green	1.2	1.2	0.2		0.5	1		Projectile point tip.
5442	1984	1x2m	S22/W2	20-30	pottery	ColoradoBuff		4.3	3.5	0.5			1		Pottery rim sherd.
5443	1984	1x2m	S22/W2	20-30	pottery	ColoradoBuff		3.5	2.0	0.4			1		Pottery sherd.

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5444	1984	1x2m	S2/W2	20-30	bone	NA		1.2	0.3	0.4			1		Fish vertebra, yellow bro
5445	1984	1x2m	S22/W2	20-30	bone	NA		1.0	0.5	0.3			1		Polished bone, light brow
5446	1984	1x2m	S9/E6	30-40	bone	NA		0.3	0.3	0.2			1		Fish vertebra, brown.
5447	1984	1x2m	S13/E6	80-90	bone	NA		0.3	0.3	0.2			1		Fish vertebra, brown.
5448	1984	1x2m	S13/E6	80-90	bone	NA		0.3	0.3	0.2			1		Fish vertebra, brown.
5449	1984	1x2m	S22/W6	70-80	bone	NA		0.5	0.4	0.3			1		Fish vertebra, brown.
5450	1984	1x2m	S13/E6	80-90	bone	NA		0.2	0.2	0.2			1		Fish vertebra, dark grey.
5451	1984	1x2m	S13/E6	80-90	bone	NA		0.3	0.4	0.3			1		Vertebra, dark grey.
5452	1984	1x2m	S13/E6	80-90	bone	NA		0.5	0.3	0.3			1		Fish vertabra, brown.
5453	1984	1x2m	S26/W4	70-80	bone	NA		0.3	0.2	0.3			1		Fish vertebra, brown.
5454	1984	1x2m	S9/E6	30-40	bone	NA		0.2	0.2	0.2			1		Fish vertebra, brown.
5455	1984	1x2m	S13/E6	80-90	flakedstone	projectilept	quartz	1.1	0.4	0.2		0.2	1	com	Quartz point.
5456	1984	1x2m	S22/W2	20-30	flakedstone	scraper	green	4.0	3.5	1.0			1		Scraper.
5457	1984	1x2m	S22/W2	20-30	flakedstone	utilizedflake	basalt	2.2	1.0	0.1			1		
5458	1984	1x2m	S22/W2	20-30	flakedstone	core	quartzite	9.0	3.2	3.0			1		Core fragment.
5459	1984	1x2m	S22/W2	20-30	shell	bead		0.3	0.6				1		
5460	1982	1x2m	S14/W0	10-20	flakedstone	debitage	varied					44.9	107		
5461	1982	1x2m	S14/W0	10-20	shell	marine shell						32.7	84		
5462	1982	1x2m	S14/W0	10-20	pottery	TizonBrown							24		Pottery sherds.
5463	1982	1x2m	S14/W0	10-20	pottery	TizonBrown		2.3	1.8	0.5			1		Pottery rim sherd.
5464	1982	1x2m	S14/W0	10-20	pottery	ColoradoBuff		1.8	1.5	0.3			1		Pottery sherd. 10yr 5/2.
5465	1982	1x2m	S14/W0	10-20	flakedstone	core	basalt	4.2	4.2	1.3			1		Core fragment- large flak
5466	1982	1x2m	S14/W0	10-20	FAR	NA	unidentified	7.8	5.0	2.0			1		Fire cracked cobble, dark
5467	1982	1x2m	S14/W0	10-20	other	other		1.9	0.6	0.6			1		"Quercus, burnt" dark gre
5468	1982	1x2m	S14/W0	10-20	bone	NA							145		
5469	1982	1x2m	S14/W0	30-40	flakedstone	debitage	varied					84.6	156		Chipping waste.
5470	198?	1x2m	S14/W0	30-40	flakedstone	utilizedflake	basalt	2.1	1.7	0.2			1		Utilized flake, dark grey.
5471	1982	1x2m	S14/W0	30-40	pottery	TizonBrown							24		Pottery sherds.
5472	1982	1x2m	S14/W0	30-40	flakedstone	core	quartzite	4.2	5.0	4.5			1		Light grey-brown.
5473	1982	1x2m	S14/W0	30-40	shell	marine shell						41.1	100		Olivella manufacturing re
5474	1982	1x2m	S14/W0	30-40	bone	NA							300		Bone fragments.
5475	1982	1x2m	S14/W0	30-40	bone	awl		1.8	1.3	0.4			1		Net or awl fragment. Wor
5476	1982	1x2m	S14/W0	40-50	flakedstone	debitage	varied					86.3	139		Chipping waste.
5477	1982	1x2m	S14/W0	40-50	pottery	TizonBrown							33		Pottery sherds.
5478	1982	1x2m	S14/W0	40-50	bone	NA							376		Bone fragments.
5479	1983	1x2m	1	50-60	flakedstone	debitage	varied					125.2	255	frag	110 Basalt -67.0g, 9 Felsi
5480	1983	1x2m	S14/W0	50-60	shell	NA						106.5	154		Varied.

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5481	1983	1x2m	S14/W0	50-60	flakedstone	utilizedflake	green	2.0	1.4				1		Utilized flake, green-tan.
5482	1983	1x2m	S14/W0	50-60	pottery	TizonBrown							29		Pottery sherds.
5483	1983	1x2m	S14/W0	50-60	bone	NA							762		Bone fragments, tan.
5484	1983	1x2m	S14/W0	50-60	flakedstone	utilizedflake	basalt	1.0	1.3	0.3			1		Dark grey
5485	1983	1x2m	S14/W0	50-60	flakedstone	scraper	basalt	4.3	3.8	1.3			1		Basalt scraper.
5486	1983	1x2m	S14/W0	50-60	flakedstone	utilizedflake	green	1.5	1.0	0.1			1		
5641	1984	1x2m	1	90-100	bone	NA		2.0	1.2	0.1			1	frag	
5730	1983	1x2m	S18/W6	40-50	flakedstone	debitage	basalt	1.2	1.0	0.2			1		
5731	1983	1x2m	S18/W6	40-50	flakedstone	knife	chalcedony	2.8	1.7	0.6			1		Grey-red
5732	1983	1x2m	S18/W6	40-50	flakedstone	scraper	basalt	8.4	2.3	1.0			1		Dk grey/tan
5733	1983	1x2m	S18/W6	40-50	flakedstone	scraper		4.5	2.5	1.1			1		
5734	1981	1x2m	S18/W6	40-50	flakedstone	scraper		8.2	4.6	1.3			1		
5735	1983	1x2m	S18/W6	40-50	bone	NA						0.3	1		
5736	1983	1x2m	S18/W6	40-50	shell	marine shell							1		olivella
5737	1983	1x2m	S18/W6	40-50	pottery	TizonBrown							1	frag	
5738	1983	1x2m	S18/W6	40-50	pottery	TizonBrown							1	frag	
5739	1982	1x2m	S17/E8	0-10	flakedstone	debitage							3	frag	
5740	1982	1x2m	S17/W8	0-10	bone	NA							2	frag	
5741	1982	1x2m	S17/W8	0-10	shell	marine shell						1.4	4	frag	
5742	1982	1x2m	S17/W8	10-20	shell	marine shell						48.2	106	frag	
5743	1982	1x2m	S17/W8	10-20	pottery	TizonBrown							23	frag	
5744	1982	1x2m	S17/W8	10-20	bone	NA							111		
5745	1982	1x2m	S18/W4	10-20	flakedstone	debitage	quartzite						4	fragment/b	
5746	1985	1x2m	S18/W6	10-20	flakedstone	debitage	quartz						6		
5747	1985	1x2m	S13/W8	50-60	bone	NA							1		cranium
5748	1983	1x2m	S22/W6	0-10	bone	NA							40		
5749	1983	1x2m	S22/W6	0-10	shell	marine shell						2.6	8		
5750	1983	1x2m	S22/W6	0-10	flakedstone	debitage	basalt						45		
5751	1981	1x2m	S22/W6	0-10	flakedstone	scraper	basalt	3.3	2.3	0.5			1		
5752	1983	1x2m	S26/W6	10-20	shell	marine shell						6.3	28	frag	
5753	1983	1x2m	S22/W6	10-20	bone	NA							108	frag	
5754	1983	1x2m	S22/W6	20-30	shell	marine shell						22.8	20		
5755	1983	1x2m	S22/W6	20-30	bone	NA							284		
5756	1985	1x2m		surface	flakedstone	scraper		5.5	3.7	1.0			1		unit is merdian
5757	1983	1x2m	S22/W6	10-20	flakedstone	debitage	basalt						71	frag	
5758	1983	1x2m	S22/W6	10-20	flakedstone	utilizedflake		2.2	2.0	0.4			1		
5759	1983	1x2m	S22/W6	10-20	flakedstone	utilizedflake	basalt	2.8	2.2	0.4			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
5760	1983	1x2m	S22/W6	10-20	flakedstone	utilizedflake	basalt	2.8	2.0	0.1			1		
5761	1983	1x2m	S22/W6	10-20	flakedstone	utilizedflake	basalt	1.7	1.5	0.1			1		
5762	1983	1x2m	S22/W6	10-20	flakedstone	scraper		3.5	3.5	0.7			1		
5763	1985	1x2m	S5/E6	70-80	shell	marine shell						20.5	96		
5764	1985	1x2m	S13/E6	80-90	shell	marine shell							1	frag	
5765	1985	1x2m	S5/E6	70-80	pottery	TizonBrown							4		
5766	1985	1x2m	S5/E6	70-80	flakedstone	debitage	basalt					22.7	35		
5767	1985	1x2m	S5/E6	70-80	bone	NA							122	frag	
5768	1984	1x2m	S13/E14	90-100	pottery	TizonBrown							2	frag	
5769	1984	1x2m	S13/E14	90-100	bone	NA							15	frag	
5770	1984	1x2m	S13/E14	90-100	flakedstone	debitage	quartz						6		
5771	1984	1x2m	S13/E14	50-60	bone	NA							1425	frag	
5772	1984	1x2m	S13/E8	50-60	pottery	TizonBrown							6	frag	
5773	1984	1x2m	S13/E8	50-60	groundstone	hammr/grindr		6.3	5.5	2.4			1		
5774	1984	1x2m	S13/E8	50-60	flakedstone	debitage	basalt						154		
5775	1985	1x2m	S13/E6	80-90	pottery	TizonBrown							3	frag	
5776	1985	1x2m	S13/E6	80-90	pottery	TizonBrown							1	frag	poss drilled hole
5777	1984	1x2m	S13/E8	50-60	flakedstone	debitage	obsidian	0.6	0.5				1		
5778	1984	1x2m	S13/E8	50-60	flakedstone	projectilept	quartz	1.4	2.0	0.3			1		
5779	1984	1x2m	S13/E8	50-60	flakedstone	debitage	basalt	1.2	1.0	0.2			1		
5780	1984	1x2m	S13/E8	50-60	flakedstone	core	quartz	4.4	2.8	3.0			1		
5781	1984	1x2m	S13/E6	80-90	flakedstone	scraper	basalt	4.7	3.0	1.1			1		
5782	1984	1x2m	S13/E6	80-90	seeds	NA							1		seed frag
5783	1985	1x2m	S13/E6	80-90	bone	NA							2160		
5784	1983	1x2m	S14/W0	60-70	shell	marine shell						63.1	199		
5785	1985	1x2m	S18/W2	40-50	flakedstone	projectilept	quartz	1.4	1.5	0.3		1.1	1		
5786	1984	1x2m	S18/W6	50-60	flakedstone	projectilept	green	2.2	1.6	0.3			1		FELSITE
5787	1984	1x2m	S18/W2	40-50	flakedstone	projectilept	basalt	2.5	1.8	0.5			1		
5788	1985	1x2m		surface	flakedstone	core	basalt	5.0	3.0	3.5			1		100ft east of cut
5789	1985	1x2m	S11/E2	surface	groundstone	NA	granitic	17.8	13.0	5.5			1	frag	milling stone
5790	1985	1x2m	S11/E2	surface	groundstone	metate	granitic	20.0	12.5	9.6			1		poss metate slab
5791	1985	1x2m	S13/E6	80-90	flakedstone	scraper	basalt	5.8	3.9	1.7			1		
5792	1985	1x2m	S13/E8	50-60	flakedstone	scraper	basalt	4.8	4.1	2.0			1		
5793	1985	1x2m	S13/E8	50-60	flakedstone	scraper	basalt	5.2	5.4	1.1			1		
5794	1985	1x2m	S18/W2	40-50	flakedstone	scraper	basalt	2.6	2.8	0.5			1		
5795	1983	1x2m	S14/W0	60-70	flakedstone	debitage	basalt						189		
5796	1985	1x2m	S13/E8	50-60	shell	marine shell						1.0	5		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
5797	1983	1x2m	S14/W0	60-70	bone	NA							1159		
5798	1984	1x2m		surface	groundstone	metate	granitic	47.0	35.8	15.1			1		428cm S of SE corner of
5799	1983	1x2m	S14/W0	60-70	flakedstone	debitage	basalt	1.2	0.9	0.2			1		blake flake
5800	1983	1x2m	S14/W0	60-70	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
5801	1983	1x2m	S14/W0	60-70	flakedstone	utilizedflake	basalt	2.3	2.1	0.5			1		
5802	1982	1x2m	S14/W2	0-10	shell	marine shell						20.7	61		
5803	1982	1x2m	S14/W2	0-10	pottery	TizonBrown							4		Pottery sherd
5804	1983	1x2m	S14/W0	60-70	flakedstone	debitage	green	0.5	0.6	0.1			1		micro flake
5805	1983	1x2m	S14/W0	60-70	flakedstone	knife		0.7	0.4	0.1			1		
5806	1983	1x2m	S14/W0	60-70	flakedstone	scraper	basalt	2.5	1.6	0.4			1		Porphyritic basalt
5807	1983	1x2m	S14/W0	60-70	flakedstone	scraper	basalt	5.5	5.0	1.7			1		basalt cobble
5808	1982	1x2m	S14/W2	0-10	bone	NA							159	fragment/b	Tan fragments
5809	1982	1x2m	S14/E2	10-20	shell	NA						94.1	368		
5810	1982	1x2m	S14/W2	10-20	pottery	TizonBrown							25		Pottery sherds
5811	1982	1x2m	S14/W2	10-20	bone	NA							546	fragment/b	Tan
5812	1983	1x2m	S14/W2	20-30	shell	marine shell						64.8	233		
5813	1983	1x2m	S14/W2	20-30	pottery	TizonBrown							35	frag	sherds
5814	1982	1x2m	S14/W2	10-20	flakedstone	debitage	varied						230		
5815	1983	1x2m	S14/W2	20-30	bone	NA							768	fragment/b	tan fragments
5853	1982	1x2m	1	30-40	flakedstone	utilizedflake	basalt	2.6	1.8	0.2			1	frag	
6034	198?	1x2m	S14/W10	surface	charcoal	NA						0.6	1		Charcoal fragment.
6035	1983	1x2m	S14/W0	70-80	bone	NA							233		
6036	1983	1x2m	S14/W0	70-80	flakedstone	debitage	varied						32		
6037	1983	1x2m	S14/W0	70-80	flakedstone	debitage	quartz	2.2	0.5	0.2			1		Blade flake fragment.
6038	1983	1x2m	S14/W0	70-80	pottery	TizonBrown							7		Sherd
6039	1983	1x2m	S14/W0	70-80	flakedstone	debitage	chalcedony	2.2	1.3	0.5			1		Blade flake fragment.
6040	1983	1x2m	S14/W0	70-80	flakedstone	scraper	basalt	7.4	5.5	0.4			1		Unusually thin piece. Dar
6041	1984	1x2m	S13/E8	50-60	bone	NA		1.4	1.4	1.4			1		Fish vertebra.
6042	1985	1x2m	S13/E6	80-90	bone	NA		0.7	0.4	0.1			1		Otolith.
6043	1983	1x2m	S17/E8	10-20	bone	NA		0.8	0.8	0.3			1		Possible abrasion.
6044	1985	1x2m	S13/E6	80-90	bone	NA		0.3	0.3	0.2			1		Fish vertebra.
6045	1983	1x2m	S14/W0	70-80	flakedstone	scraper	green	3.8	2.9	0.5			1		Grey.
6046	1984	1x2m	S9/E8	20-30	flakedstone	debitage	chalcedony	0.6	0.5	0.1			1		Tan-grey.
6047	1984	1x2m	S9/E8	20-30	pottery	TizonBrown							6		Sherds.
6048	1984	1x2m	S9/E8	20-30	bone	NA							65		Fragments.
6049	1984	1x2m	S9/E8	20-30	flakedstone	debitage	varied					2.9	24		Fragments.
6050	1984	1x2m	S9/E8	20-30	charcoal	NA						11.2	1		Fragments.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6051	1985	1x2m	S13/E8	50-60	bone	NA							2		Jaw bone fragment.
6052	1985	1x2m	S13/E8	50-60	bone	NA		0.3	0.3	0.3			1		Fish vertebra.
6053	1985	1x2m	S17/E8	90-100	bone	NA		0.4	0.3	0.4			1		Fish vertebra.
6054	1985	1x2m	S5/E6	70-80	glass	bead		0.0	0.0	0.0			1		Blue green bead.
6055	1984	1x2m	S9/E8	20-30	shell	NA						0.6	6		
6056	1984	1x2m	S13/E12	40-50	flakedstone	debitage	varied						105		
6057	1984	1x2m	S13/E12	30-40	flakedstone	debitage	chert						1		
6058	1984	1x2m	S13/E12	30-40	shell	bead		1.1	0.6	0.6			1		Whole bead, chipped, tan.
6059	1984	1x2m	1	40-50	shell	marine shell						4.5	22	frag	5 Chione 1.9g, 1 Chione (
6060	1984	1x2m	S17/E8	100-110	bone	NA							791		Fragments.
6061	1983	1x2m	S17/E4	80-90	bone	NA							1521		Fragments.
6062	198?	1x2m	S14/W8	30-40	flakedstone	scraper	granitic	4.0	3.1	0.7			1		Dark pink, grey, yellow.
6063	1984	1x2m	S17/E4	110-120	bone	NA							589		Bone fragments, tan
6064	198?	1x2m	S17/E4	60-70	bone	NA							632		Bone fragment.
6065	198?	1x2m	S17/E4	90-100	bone	NA							1136		Fragments
6066	1983	1x2m	S17/E4	40-50	bone	NA							617		Fragments, light brown.
6067	1984	1x2m	S13/E12	30-40	pottery	TizonBrown							24		Sherds.
6068	1984	1x2m	S13/E12	30-40	bone	NA							418		Fragments
6069	1984	1x2m	S13/E12	30-40	charcoal	NA						0.9	9999		Charcoal pieces.
6070	1982	1x2m	S17/E4	10-20	shell	NA						25.1	149		Fragments.
6071	1982	1x2m	S13/E12	surface	flakedstone	scraper	basalt						1		Dark grey.
6072	1982	1x2m	S17/E4	0-10	shell	NA						2.6	21		
6073	1982	1x2m	S17/E4	10-20	pottery	TizonBrown							17		Sherd.
6074	1982	1x2m	S17/E4	0-10	pottery	TizonBrown							3		Sherds.
6075	1984	1x2m	S14/E4	10-20	bone	NA							590		Fragments, light brown.
6076	1982	1x2m	S17/E4	0-10	flakedstone	debitage	varied						12		
6077	1983	1x2m	S14/W8	30-40	bone	NA							34		Fragment.
6078	1983	1x2m	S14/W8	50-60	bone	NA							212		
6079	1982	1x2m	S14/W8	10-20	bone	NA							14		
6080	1982	1x2m	S14/W8	20-30	bone	NA							65		fragments
6081	1983	1x2m	S14/W8	40-50	bone	NA							125		fragments
6082	1982	1x2m	S14/W8	20-30	pottery	TizonBrown							40		also card #6198
6083	1983	1x2m	S14/W8	40-50	pottery	TizonBrown							24		
6084	1982	1x2m	S14/W8	10-20	pottery	TizonBrown							11		
6085	1983	1x2m	S14/W8	50-60	pottery	TizonBrown							26		
6087	1983	1x2m	S14/W8	30-40	pottery	TizonBrown							37		
6088	1983	1x2m	S17/E4	50-60	pottery	TizonBrown							1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6089	1983	1x2m	S17/E4	40-50	pottery	TizonBrown							18		
6090	1983	1x2m	S14/W8	40-50	flakedstone	debitage	varied						136		
6091	1983	1x2m	S14/W8	40-50	flakedstone	utilizedflake	green	1.7	1.5	0.2			1		
6092	1983	1x2m	S14/W8	40-50	flakedstone	utilizedflake	green	3.0	2.0	0.2			1		red residue inside
6093	1983	1x2m	S14/W8	40-50	flakedstone	debitage	green	0.6	0.7	0.1			1		
6094	1983	1x2m	S14/W8	40-50	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
6095	1984	1x2m	S17/E8	100-110	pottery	TizonBrown							3		
6096	1982	1x2m	S21/W10	surface	flakedstone	scraper	basalt	6.2	4.5	1.0			1		
6097	1983	1x2m	S14/W8	40-50	flakedstone	debitage	basalt	0.6	0.7	0.1			1		
6098	1983	1x2m	S17/E4	60-70	pottery	TizonBrown							10		
6099	1983	1x2m	S17/E4	60-70	pottery	ColoradoBuff							1		
6100	1982	1x2m	S14/W8	10-20	flakedstone	scraper	green	5.0					1		retouched-- heavily patina
6102	1983	1x2m	S14/W8	40-50	flakedstone	debitage	chalcedony	0.8	0.3	0.1			1		"blade flake fragment"
6103	1983	1x2m	S14/W8	40-50	other	other	quartzite	4.0	5.3	3.5			1		cobble fragment
6104	1982	1x2m	S14/W8	10-20	flakedstone	debitage	varied						40		
6115	1983	1x2m	S17/E4	40-50	other	other	basalt	13.7	3.0	1.2			1		possible abrading stone
6116	1983	1x2m	S17/E4	40-50	shell	marine shell							183		
6117	1983	1x2m	S17/E4	40-50	flakedstone	core	basalt	5.8	5.8	3.0			1		fragment
6118	1983	1x2m	S17/E4	40-50	groundstone	hammr/grindr	quartzite	4.5	2.5	2.0			1		cobble fragment
6119	1983	1x2m	S17/E4	40-50	pottery	TizonBrown		1.9	1.4	0.4			2		
6120	1983	1x2m	S17/E4	40-50	flakedstone	debitage	varied						159		
6121	1983	1x2m	S17/E4	40-50	flakedstone	utilizedflake	green	2.0	1.7	0.3			1		
6122	1983	1x2m	S17/E4	40-50	flakedstone	utilizedflake	basalt	1.7	1.6	0.2			1		small Teshoa flake
6123	1983	1x2m	S17/E4	40-50	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
6124	1983	1x2m	S17/E4	40-50	flakedstone	utilizedflake	basalt	1.8	1.1	0.1			1		
6125	1983	1x2m	S17/E4	60-70	shell	marine shell						36.8	134		
6126	1983	1x2m	S17/E4	60-70	shell	marine shell		2.7	2.3	0.3			1		altered
6127	1983	1x2m	S17/E4	40-50	flakedstone	core	basalt	5.7	4.0	1.8			1		fragment
6128	1984	1x2m	S17/E8	100-110	charcoal	NA						12.4	1		
6129	1983	1x2m	S17/E8	80-90	shell	marine shell						17.4	52		
6130	1984	1x2m	S17/E8	100-110	seeds	NA							9		
6131	1984	1x2m	S17/E4	90-100	shell	marine shell						17.5	102		
6132	1983	1x2m	S17/E4	60-70	pottery	TizonBrown							4		
6133	1983	1x2m	S17/E4	60-70	flakedstone	debitage	varied						65		
6134	1984	1x2m	S17/E4	100-110	shell	marine shell						13.8	53		
6135	1983	1x2m	S17/E4	60-70	groundstone	hammr/grindr	basalt	6.2	4.6	1.4			1		cobble fragment
6136	1984	1x2m	S17/E4	100-110	charcoal	NA						14.1	1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6137	1983	1x2m	S17/E4	60-70	flakedstone	utilizedflake	basalt	2.5	1.8	0.3			1		
6138	1984	1x2m	S17/E4	10-20	pottery	TizonBrown		2.1	2.0	0.5			1		
6139	1983	1x2m	S17/E4	60-70	flakedstone	utilizedflake	basalt	1.5	1.0	0.1			1		
6140	1984	1x2m	S17/E4	100-110	flakedstone	debitage	varied						53		
6141	1983	1x2m	S17/E4	90-100	flakedstone	debitage	varied						83		
6142	1983	1x2m	S17/E4	90-100	pottery	TizonBrown		1.2	0.8	0.4			1		
6143	1983	1x2m	S17/E4	90-100	flakedstone	debitage	chert	0.5	0.5	0.1			1		
6144	1983	1x2m	S17/E4	90-100	flakedstone	debitage	chert	0.6	0.5	0.1			1		
6145	1983	1x2m	S17/E4	90-100	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
6146	1983	1x2m	S17/E4	90-100	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
6147	1983	1x2m	S17/E4	90-100	flakedstone	scraper	basalt	7.5	2.8	1.0			1		
6148	1983	1x2m	S17/E4	90-100	flakedstone	scraper	basalt	6.2	5.3	1.5			1		possible scraper
6149	1983	1x2m	S17/E4	90-100	flakedstone	utilizedflake	basalt	2.8	2.3	0.2			1		
6150	1983	1x2m	S17/E4	90-100	flakedstone	utilizedflake	basalt	1.9	1.6	0.4			1		
6151	1983	1x2m	S17/E4	90-100	flakedstone	core	quartz	6.3	5.5	5.5			1		fragment
6152	1983	1x2m	S17/E4	90-100	flakedstone	core	basalt	6.6	6.6	4.7			1		one side is polished
6153	1983	1x2m	S17/E4	90-100	flakedstone	core	basalt	8.2	3.3	3.0			1		fragment
6154	1983	1x2m	S17/E4	90-100	flakedstone	core	quartzite	7.5	3.0	2.3			1		fragment
6155	198?	1x2m	S17/E4	90-100	flakedstone	scraper	basalt	5.0	5.0	2.0			1		possible scraper
6156	1983	1x2m	S17/E4	90-100	groundstone	hammr/grindr	basalt	5.5	3.5	2.5			1		cobble fragment
6157	1983	1x2m	S17/E4	90-100	groundstone	hammr/grindr	basalt	5.4	3.2	1.4			1		cobble fragment
6158	1983	1x2m	S17/E4	90-100	flakedstone	core	quartzite	5.0	3.2	1.0			1		fragment
6159	1983	1x2m	S14/W8	30-40	flakedstone	projectilept	green	3.5	2.4	1.2		9.8	1		porphyritic
6160	1983	1x2m	S14/W8	30-40	flakedstone	debitage	green						1		porphyritic
6161	1983	1x2m	S17/E4	90-100	flakedstone	core	quartzite	5.5	4.0	2.0			1		fragment
6162	198?	1x2m	S17/E8	30-40	bone	NA							428		fragments
6163	198?	1x2m	S17/E8	30-40	pottery	TizonBrown							33		
6164	198?	1x2m	S17/E8	30-40	flakedstone	debitage	varied						9		
6165	1983	1x2m	S17/E8	70-80	pottery	TizonBrown							8		
6166	198?	1x2m	S17/E8	30-40	charcoal	NA						13.7	9999		
6167	1983	1x2m	S17/E8	70-80	flakedstone	debitage	varied						52		missing 4/4/90
6168	1983	1x2m	S17/E8	70-80	flakedstone	utilizedflake	basalt	2.5	2.0	0.1			1		
6169	1983	1x2m	S14/W8	50-60	shell	marine shell		1.6	1.0	0.2			1		fragment
6170	1984	1x2m	S26/W6	surface	flakedstone	utilizedflake	unidentified	3.0	2.5	0.4			1		"striated flake"
6171	1983	1x2m	S17/E8	70-80	soilsample	NA							1		
6172	1983	1x2m	S17/E8	70-80	shell	marine shell						15.9	90		
6173	1982	1x2m	S14/W8	10-20	shell	marine shell						4.9	37		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6174	1982	1x2m	S14/W8	20-30	shell	marine shell						34.0	26		
6175	1983	1x2m	S14/W8	30-40	shell	marine shell						8.3	15		
6176	1983	1x2m	S17/E8	60-70	pottery	TizonBrown							14		
6177	1983	1x2m	S17/E8	60-70	shell	marine shell						98.5	406		
6178	1983	1x2m	S17/E8	60-70	charcoal	NA						2.2	9999		
6179	1983	1x2m	S17/E8	70-80	bone	NA							566		fragments
6180	1982	1x2m	S17/E12	0-10	flakedstone	debitage	obsidian	1.2	0.5	0.2			1		from 5823 C.W.
6181	1985	1x2m	S5/E6	70-80	charcoal	NA						10.7	1		
6182	1984	1x2m	S13/E8	50-60	charcoal	NA						78.8	1		
6183	1983	1x2m	S17/E8	70-80	bone	NA							1789		fragments
6184	1985	1x2m	S13/E6	80-90	charcoal	NA						62.7	1		
6185	1983	1x2m	S17/E8	70-80	groundstone	hammr/grindr	unidentified	5.0	4.0	1.0			1		cobble fragment
6186	1985	1x2m	S13/E8	50-60	shell	bead		1.5	0.8	0.1			1		Olivella
6187	1981	1x2m	S13/E14	40-50	groundstone	metate	granitic	10.5	9.0	5.0			1		fragment
6188	198?	1x2m	S17/E4	10-20	flakedstone	debitage	varied						85		
6189	198?	1x2m	S17/E4	10-20	other	other	schist	6.1	2.1	1.0			1		schist fragment
6190	1982	1x2m	S14/W8	20-30	glass	NA		5.5	3.3	0.2			1		
6191	1982	1x2m	S14/W8	20-30	flakedstone	utilizedflake	other	3.0	2.0	0.2			1		rhyolite
6192	1983	1x2m	S17/E8	60-70	flakedstone	debitage	varied						203		
6193	1982	1x2m	S14/W8	20-30	flakedstone	debitage	other	1.1	0.5				1		rhyolite
6194	1982	1x2m	S14/W8	20-30	flakedstone	scraper	basalt	7.0	2.9	1.2			1		possible scraper
6195	1982	1x2m	S14/W8	20-30	flakedstone	core	quartzite	6.7	3.3	2.0			1		fragment
6196	1982	1x2m	S14/W8	20-30	flakedstone	debitage	basalt	6.0		0.1			1		"channeled blade flake"
6197	1982	1x2m	S14/W8	20-30	flakedstone	debitage	varied						67		
6198	1982	1x2m	S14/W8	20-30	pottery	TizonBrown							2		also card #6082
6199	1983	1x2m	S14/W8	30-40	bone	awl		3.1	0.0				1		fragment
6200	198?	1x2m	S14/W8	30-40	flakedstone	scraper	unidentified	6.5	4.8	1.5			1		Teshoa flake scraper
6201	1983	1x2m	S17/E8	60-70	flakedstone	scraper	green	3.3	2.6	1.4			1		San Dieguito
6202	1983	1x2m	S17/E8	60-70	flakedstone	core	green	3.6	2.2	1.2			1		fragment
6203	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	0.9	0.4	0.1			1		"blade flake fragment"
6204	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	1.0	1.0	0.1			1		
6205	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	1.1	1.0	0.1			1		
6206	1983	1x2m	S17/E8	60-70	flakedstone	debitage	chalcedony	0.6	0.4	0.1			1		
6207	1983	1x2m	S14/W8	30-40	metal	other		2.7	1.5	0.1			1		lead nodule
6208	1983	1x2m	S17/E8	70-80	flakedstone	scraper	unidentified	4.5	5.1	2.1			1		possible scraper
6209	1983	1x2m	S14/W8	30-40	flakedstone	debitage	varied						106		
6210	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	0.5	0.4	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6211	1983	1x2m	S17/E8	60-70	flakedstone	debitage	quartzite	0.6	0.6	0.1			1		
6212	1983	1x2m	S17/E8	60-70	flakedstone	debitage	quartz	0.6	0.5	0.1			1		
6213	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	0.9	0.7	0.1			1		
6214	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	0.5	0.5	0.1			1		"blade flake fragment"
6215	1983	1x2m	S17/E8	60-70	flakedstone	debitage	basalt	0.8	0.4	0.1			1		
6216	1983	1x2m	S17/E4	50-60	shell	marine shell						79.9	196		
6217	1983	1x2m	S17/E4	50-60	flakedstone	debitage	varied						78		
6218	1983	1x2m	S17/E4	50-60	groundstone	hammr/grindr	unidentified	4.5	2.8	2.0			1		cobble fragment
6219	1983	1x2m	S14/W8	50-60	flakedstone	debitage	varied						104		
6220	1983	1x2m	S14/W8	30-40	flakedstone	scraper	basalt	4.0	3.2	1.4			1		
6221	1983	1x2m	S14/W8	30-40	groundstone	hammr/grindr	granitic	3.3	1.7	1.6			1		cobble fragment
6222	1983	1x2m	S14/W8	50-60	bone	NA		1.5	0.6	0.2			1		polished bone
6223	1983	1x2m	S14/W8	50-60	flakedstone	debitage	other	0.7	0.5	0.1			1		rhyolite
6224	1983	1x2m	S14/W8	30-40	flakedstone	scraper	basalt	4.3	2.5	1.5			1		possible scraper
6225	1984	1x2m	S17/E8	100-110	flakedstone	debitage	varied						65		
6226	1984	1x2m	S17/E8	100-110	flakedstone	utilizedflake	basalt	1.4	1.6	0.1			1		
6227	1984	1x2m	S17/E8	100-110	flakedstone	debitage	basalt	1.0	0.8	0.1			1		
6228	1984	1x2m	S17/E8	100-110	flakedstone	core	basalt	4.2	4.7	2.2			1		fragment
6229	1983	1x2m	S17/E8	100-110	flakedstone	core	basalt	5.2	3.3	1.5			1		fragment
6230	1984	1x2m	S17/E8	100-110	flakedstone	core	basalt	6.5	5.0	1.3			1		fragment
6231	1984	1x2m	S17/E8	100-110	flakedstone	core	basalt	5.5	4.5	1.6			1		fragment
6232	1984	1x2m	S17/E8	100-110	flakedstone	core	basalt	4.1	4.0	3.0			1		fragment
6233	198?	Surface	misc	surface	flakedstone	utilizedflake	basalt	3.6	2.5	0.5			1		
6234	198?	1x2m	S17/E8	30-40	flakedstone	scraper	other	4.7	3.0	1.2			1		volcanic
6235	198?	1x2m	S17/E8	30-40	flakedstone	scraper	basalt	3.7	2.5	0.8			1		
6236	1982	1x2m	S14/W8	20-30	pottery	TizonBrown		2.5	2.6	0.7			1		rim sherd
6237	1983	1x2m	S17/E4	40-50	shell	marine shell		0.4	0.5	0.1			1		Abalone fragment
6238	198?	1x2m	S17/E8	30-40	flakedstone	utilizedflake	basalt	2.4	2.0	0.2			1		Teshoa
6239	1984	1x2m	S17/E4	100-110	flakedstone	utilizedflake	basalt	3.0	2.3	0.3			1		
6240	1983	1x2m	S17/E8	60-70	other	other	schist	7.0	2.1	1.3			1		schist fragment
6241	1983	1x2m	S17/E4	80-90	groundstone	hammr/grindr	basalt	6.2	3.3	1.6			1		cobble fragment
6242	1983	1x2m	S17 E4	80-90	flakedstone	debitage	varied						89		
6243	1983	1x2m	S17/E4	80-90	groundstone	hammr/grindr	basalt	6.3	4.5	2.7			1		cobble fragment
6244	1983	1x2m	S17/E4	80-90	flakedstone	scraper	basalt	5.3	3.2	0.5			1		
6245	1983	1x2m	S17/E4	80-90	flakedstone	scraper	quartzite	4.9	3.2	1.0			1		
6246	1983	1x2m	S17/E8	60-70	flakedstone	core	basalt	7.3	5.9	2.4			1		fragment
6247	1983	1x2m	S17/E8	60-70	flakedstone	core	basalt	4.7	3.6	3.5			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6248	1982	1x2m	S17/E14	60-70	shell	marine shell						28.2	45		
6249	1983	1x2m	S22/W2	20-30	shell	marine shell						10.0	27		
6300	1983	1x2m	S26/W2	60-70	shell	marine shell							1	frag	
6301	1983	1x2m	S26/W2	70-80	shell	marine shell							21	frag	
6302	1984	1x2m	S26/W2	0-10	shell	marine shell							19		
6303	1983	1x2m	S22/W6	40-50	shell	marine shell						13.1	42		
6304	1983	1x2m	S22/W6	30-40	pottery	ColoradoBuff		5.0	3.7	0.4			1		
6305	1983	1x2m	S22/W6	30-40	pottery	TizonBrown							14	frag	
6306	1983	1x2m	S22/W6	30-40	shell	marine shell						13.1	22		
6307	1983	1x2m	S16/E10	unk	shell	marine shell							5		
6308	1983	1x2m	S22/W6	60-70	shell	marine shell						5.8	12	frag	
6309	1984	1x2m	S22/W6	70-80	shell	marine shell						1.9	15	frag	
6310	1983	1x2m	S22/W6	50-60	shell	marine shell						19.6	98	frag	
6311	1984	1x2m	S18/W6	20-30	shell	marine shell						7.1	24	frag	
6312	1984	1x2m	S18/W4	60-70	shell	marine shell						5.2	7	frag	
6313	1984	1x2m	S18/W4	60-70	shell	marine shell						9.4	15		
6314	1983	1x2m	S17/E8	40-50	shell	marine shell						64.8	160		
6315	1982	1x2m	S17/E8	50-60	shell	marine shell						57.6	112	frag	
6316	1983	1x2m	S17/E8	90-100	shell	marine shell						36.1	156		
6317	1983	1x2m	S17/E8	90-100	charcoal	NA						8.8	1		
6318	1985	1x2m	S18/W2	40-50	shell	marine shell							1		
6319	1985	1x2m	S18/W2	40-50	shell	bead		1.4	0.9	0.1			1	frag	\
6320	1981	1x2m	S18/W2	40-50	shell	marine shell							1	frag	
6321	1983	1x2m	S16/E10	unk	flakedstone	core	basalt	5.5	4.5	2.0			1	frag	found in the cave in level
6322	1983	1x2m	S16/E10	unk	flakedstone	core	basalt	7.8	3.1	2.5			1		found in the cave in level
6323	1983	1x2m	S16/E10	unk	groundstone	hammerstone	basalt	5.8	5.4	5.2			1		found in the cave in level
6324	1983	1x2m	S16/E10	unk	flakedstone	core	other	3.2	2.5	1.0			1		found in the cave in level
6325	1983	1x2m	S16/E10	unk	flakedstone	debitage	basalt	7.0	6.0	1.2			1	frag	
6326	1983	1x2m	S16/E10	?	flakedstone	debitage	varied						3		From cave-in.
6327	1983	1x2m	S16/E10	?	pottery	TizonBrown		2.8	2.5	0.4			1		Sherd.
6328	1982	1x2m	S17/E8	20-30	pottery	NA							54		Unidentified sherds.
6329	1983	1x2m	S17/E8	20-30	groundstone	NA	basalt	4.8	2.8	0.6			1		Cobble fragment.
6330	1984	1x2m	S26/W2	70-80	charcoal	NA						1.6	9999		
6331	1984	1x2m	S17/E8	100-110	groundstone	NA	basalt	5.0	2.6	1.2			1		
6332	1983	1x2m	S22/W6	40-50	histceramic	NA							2		Modern historic Crayola f
6333	1983	1x2m	S22/W6	30-40	flakedstone	debitage	obsidian						1		Medium grey.
6334	1984	1x2m	S9/E6	30-40	flakedstone	debitage	quartz	0.5	0.5	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6335	1984	1x2m	S17/E4	110-120	flakedstone	scraper	basalt	6.6	3.2	2.2			1		
6336	1982	1x2m	S17/E8	20-30	flakedstone	utilizedflake	basalt	2.8	1.9	0.2			1		Dark grey.
6337	1983	1x2m	S17/E4	30-40	shell	NA						18.2	101		Shell fragments.
6338	1982	1x2m	S17/E8	20-30	flakedstone	scraper	basalt	4.0	2.1	0.7			1		Dark grey.
6339	1981	1x2m	S17/E8	20-30	flakedstone	utilizedflake	basalt	1.3	1.1	0.1			1		Dark grey.
6340	1982	1x2m	S17/E8	20-30	flakedstone	debitage	varied						8		Chipping waste.
6341	198?	1x2m	S18/W2	40-50	groundstone	NA	basalt	6.2	6.0	4.7			1		Cobble fragment.
6342	198?	1x2m	S18/W2	40-50	pottery	TizonBrown							35		Sherds.
6343	198?	1x2m	S18/W2	40-50	flakedstone	debitage	varied					103.1	73		
6344	198?	1x2m	S18/W2	40-50	flakedstone	utilizedflake	basalt	1.2	0.9	0.1			1		Dark grey.
6345	1984	1x2m	S18/W2	40-50	shell	NA						33.8	65		Fragments.
6346	198?	1x2m	S18/W2	40-50	flakedstone	core	quartz	3.4	2.3	1.9			1		Fragment.
6347	198?	1x2m	S18/W2	40-50	flakedstone	core	basalt	4.2	2.5	2.0			1		Cobble core fragment.
6348	198?	1x2m	S18/W2	40-50	bone	NA							671		Fragments.
6349	198?	1x2m	S18/W2	40-50	flakedstone	debitage	basalt	0.6	0.5	0.1			1		Dark grey.
6350	1983	1x2m	S17/E4	30-40	bone	NA							347		Fragments.
6351	1983	1x2m	S17/E4	30-40	flakedstone	debitage	varied						69		
6352	1983	1x2m	S17/E4	30-40	pottery	TizonBrown							12		Sherds.
6353	1983	1x2m	S17/E4	30-40	flakedstone	core	basalt	4.4	3.1	0.6			1		Fragment/ flake
6354	1983	1x2m	S17/E4	30-40	flakedstone	debitage	basalt	0.6	0.6	0.1			1		Dark grey.
6355	1983	1x2m	S17/E4	30-40	flakedstone	debitage	basalt	0.6	0.6	0.1			1		Dark grey.
6356	1983	1x2m	S17/E4	30-40	flakedstone	debitage	basalt	0.4	0.4	0.1			1		Dark grey.
6357	1983	1x2m	S17/E4	30-40	flakedstone	debitage	basalt	0.7	0.5	0.1			1		Dark grey.
6358	1983	1x2m	S17/E4	30-40	flakedstone	utilizedflake	basalt	2.3	1.1	0.4			1		Dark grey.
6359	1983	1x2m	S17/E4	30-40	flakedstone	scraper	basalt	1.7	1.5	0.2			1		Dark grey flake scraper.
6360	1983	1x2m	S17/E4	30-40	flakedstone	core	quartz	6.0	2.8	1.5			1		Fragment.
6361	1983	1x2m	S17/E8	40-50	bone	NA							253		Fragments.
6362	1983	1x2m	S17/E8	40-50	pottery	TizonBrown							15		Sherds.
6363	1983	1x2m	S17/E8	40-50	flakedstone	debitage	varied						77		
6364	1983	1x2m	S17/E8	40-50	flakedstone	utilizedflake	basalt	1.7	1.1	0.1			1		Dark grey.
6365	198?	1x2m	S17/E8	50-60	pottery	NA							17		Sherds.
6366	1982	1x2m	S17/E4	40-50	groundstone	hammr/grindr	basalt	8.5	4.3	4.0			1		Fragment.
6367	198?	1x2m	S17/E8		flakedstone	debitage	varied						93		no depth but marked as le
6368	198?	1x2m	S17/E8	50-60	bone	NA							423		
6369	198?	1x2m	S17/E8	40-50	flakedstone	core	unidentified	8.5	3.8	3.8			1		Core, dished. Grey. Fire d
6370	198?	1x2m	S17/E8	50-60	groundstone	NA	basalt	8.0	5.4	2.5			1		Dark grey.
6371	198?	1x2m	S17/E8	50-60	groundstone	NA	basalt	5.6	3.3	2.0			1		Cobble fragment.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6372	198?	1x2m	S17/E8	50-60	groundstone	NA	basalt	7.0	6.5	2.0			1		Cobble fragment.
6373	198?	1x2m	S17/E8	50-60	groundstone	NA	granitic	7.0	4.5	4.6			1		Cobble.
6374	1982	1x2m	S17/E8	20-30	shell	NA						142.8	459		Fragments.
6375	198?	1x2m	S17/E8	50-60	flakedstone	scraper	basalt	4.6	3.0	0.7			1		Possible.
6376	198?	1x2m	S17/E8	50-60	flakedstone	utilizedflake	basalt	1.5	1.2	0.1			1		Dark grey.
6377	198?	1x2m	S17/E8	50-60	pottery	TizonBrown							4		FN CW.
6378	198?	1x2m	S17/E8	50-60	flakedstone	utilizedflake	basalt	1.4	0.9	0.1			1		Dark grey.
6379	198?	1x2m	S17/E8	50-60	flakedstone	debitage		0.8	0.6	0.1			1		Dark grey.
6380		1x2m	S17/W8	50-60	flakedstone	debitage	basalt	0.6	0.7	0.1			1		
6381	1985	1x2m	S17/E8	50-60	flakedstone	debitage	basalt	0.9	0.6	0.1			1		
6382	1985	1x2m	S17/E8	50-60	flakedstone	core	basalt	5.7	6.2	2.5			1		
6383	1985	1x2m	S17/E8	50-60	flakedstone	core	granitic						1	frag	
6384	1983	1x2m	S17/E8	90-100	bone	NA							754	frag	
6385	1983	1x2m	S13/E10	80-90	shell	marine shell						52.7	161	frag	
6386	1983	1x2m	S13/E10	80-90	bone	NA							21	frag	
6387	1983	1x2m	S17/E8	90-100	flakedstone	debitage	basalt						47	frag	
6388	1983	1x2m	S17/E8	90-100	flakedstone	core	quartz						1	frag	
6389	1983	1x2m	S17/E8	90-100	flakedstone	core	quartzite	6.6	3.4	1.2			1		
6390	1983	1x2m	S17/E8	90-100	flakedstone	core	quartzite	7.1	5.5	1.2			1		
6391	1983	1x2m	S18/E8	90-100	flakedstone	debitage	green	4.3	3.3	1.4			1	frag	
6392	1984	1x2m	S18/W6	50-60	pottery	TizonBrown							24		
6393	1984	1x2m	S18/W6	50-60	bone	NA							303		
6394	1984	1x2m	S18/W6	50-60	flakedstone	debitage	quartz						65		
6396	1984	1x2m	S18/W6	50-60	flakedstone	utilizedflake	green	2.1	1.9	0.3			1	frag	
6397	1982	1x2m	S18/W8	90-100	flakedstone	debitage	basalt						1		
6398	1983	1x2m	S18/W8	90-100	flakedstone	debitage	chalcedony	0.6	0.5	0.1			1		
6399	1983	1x2m	S18/W8	90-100	flakedstone	debitage	basalt	1.1	0.5	0.1			1		blade flake
6400	1984	1x2m	S18/W6	50-60	flakedstone	debitage	basalt	0.5	0.5	0.1			1		
6401	1983	1x2m	S18/W6	50-60	flakedstone	debitage	basalt	1.0	0.5	0.1			1		balde flake
6402	1984	1x2m	S18/W6	50-60	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
6403	1984	1x2m	S18/W6	50-60	flakedstone	debitage	basalt	0.5	0.4	0.1			1		
6404	1982	1x2m	S14/E2	20-30	flakedstone	debitage	obsidian	9.0	0.5	0.1			1		
6406	1985	1x2m	S14/W8	20-30	flakedstone	debitage	obsidian	0.7	0.3	0.1			1		
6407	1983	1x2m	S22/W6	40-50	pottery	TizonBrown							33		
6408	1983	1x2m	S22/W6	40-50	bone	NA							447		
6409	1983	1x2m	S22/W6	30-40	pottery	TizonBrown							33		
6410	1983	1x2m	S22/W6	30-40	bone	NA							364		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6411	1983	1x2m	S22/W6	30-40	flakedstone	debitage	basalt						72	frag	
6412	1983	1x2m	S22/W6	30-40	flakedstone	scraper	basalt	4.2	3.8	0.6			1	frag	
6413	1983	1x2m	S22/W6	30-40	flakedstone	scraper	basalt	5.3	5.3	1.5			1	frag	
6414	1983	1x2m	S22/W6	30-40	flakedstone	utilizedflake	basalt	2.4	2.1	0.2			1		
6415	1983	1x2m	S22/W6	30-40	flakedstone	debitage	basalt	1.1	0.5	0.1			1		blade flake
6416	1983	1x2m	S22/W6	30-40	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
6417	1983	1x2m	S22/W6	30-40	flakedstone	utilizedflake	green	2.6	1.5	0.2			1		
6418	1985	1x2m	S22/W6	50-60	bone	NA							314		
6419	1983	1x2m	S17/E4	20-30	pottery	TizonBrown							53		
6420	1983	1x2m	S22/W6	50-60	flakedstone	core	basalt	11.3	9.0	4.5			1		
6421	1983	1x2m	S22/W6	50-60	flakedstone	core	basalt	9.5	4.5	2.0			1	frag	
6422	1983	1x2m	S17/E4	20-30	bone	NA							1129		
6423	1983	1x2m	S22/W6	50-60	flakedstone	core	basalt	5.0	2.3	3.0			1	frag	
6424	1985	1x2m	S22/W6	50-60	flakedstone	scraper	quartzite	3.6	3.0	1.2			1		
6425	1983	1x2m	S22/W6	50-60	flakedstone	utilizedflake	basalt	1.8	1.4	0.3			1		
6426	1983	1x2m	S17/W4	20-30	bone	NA							1		
6427	1983	1x2m	S22/W6	50-60	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
6428	1983	1x2m	S26/W2	60-70	pottery	TizonBrown							1	frag	
6429	1983	1x2m	S26/W2	60-70	pottery	TizonBrown							1		
6430	1983	1x2m	S22/W6	50-60	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
6431	1983	1x2m	S22/W6	50-60	flakedstone	debitage	quartz						45		
6432	1983	1x2m	S26/W2	60-70	bone	NA							1	frag	
6433	1981	1x2m	S22/W6	70-80	pottery	TizonBrown							7		
6434	1984	1x2m	S22/W6	70-80	pottery	TizonBrown							1	frag	
6435	1983	1x2m	S22/W6	40-50	flakedstone	debitage	quartz						86		
6436	1984	1x2m	S22/W6	70-80	bone	NA							144	frag	
6437	1983	1x2m	S22/W6	40-50	flakedstone	debitage		0.8	0.5	0.1			1	frag	
6438	1983	1x2m	S22/W6	40-50	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
6439	1983	1x2m	S22/W6	40-50	flakedstone	debitage	basalt	0.7	0.6	0.1			1		
6440	1983	1x2m	S22/W6	40-50	flakedstone	core	other	6.0	3.5	5.5			1	frag	volcanic
6471	1984	1x2m	S18/W4	60-70	bone	NA							180		bones in hearth
6472	1982	1x2m	S14/W6	10-20	flakedstone	utilizedflake	basalt	2.0	1.3	0.2			1		
6473	1982	1x2m	S14/W6	10-20	flakedstone	debitage	basalt	1.1	0.5	0.1			1	frag	blade flake
6474	1982	1x2m	S14/W6	10-20	flakedstone	utilizedflake	basalt	2.0	1.6	0.2			1		
6475	1982	1x2m	S14/W6	10-20	flakedstone	utilizedflake	green	3.1	1.5	0.4			1		
6476	1982	1x2m	S14/W6	10-20	flakedstone	utilizedflake	green	2.7	2.5	0.3			1		
6477	1982	1x2m	S14/W6	30-40	groundstone	mano	basalt	3.8	3.5	1.6			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6478	1983	1x2m	S26/W2	70-80	flakedstone	debitage	quartz						28	frag	
6479	1982	1x2m	S14/W6	20-30	flakedstone	debitage	quartz						33	frag	
6480	1982	1x2m	S14/W6	10-20	flakedstone	debitage	obsidian	0.6	0.5	0.1			1	frag	
6481	1982	1x2m	S14/W6	10-20	flakedstone	debitage	green	0.8	0.4	0.1			1		
6482	1982	1x2m	S14/W6	10-20	flakedstone	debitage	basalt	1.2	1.0	0.1			1		
6483	1982	1x2m	S14/W6	10-20	flakedstone	utilizedflake	basalt	1.7	1.3	0.2			1		
6484	198?	1x2m	S18/W4	60-70	pottery	TizonBrown							5		see card #6485
6485	1985	1x2m	S18/W4	60-70	pottery	TizonBrown							9		from hearth area
6486	1983	1x2m	S26/W2	70-80	flakedstone	debitage	basalt	0.6	0.5	0.2			1		
6487	1983	1x2m	S26/W2	70-80	flakedstone	debitage	basalt	0.8	0.3	0.1			1		"blade flake"
6488	1983	1x2m	S26/W2	70-80	flakedstone	debitage	basalt	0.9	0.5	0.1			1		"blade flake fragment"
6489	198?	1x2m	S18/W4	60-70	shell	marine shell						1.2	1		
6490	1983	1x2m	S26/W2	70-80	flakedstone	debitage	chalcedony	1.3	0.4	0.1			1		"blade flake"
6491	1983	1x2m	S26/W4	70-80	bone	NA							357		fragments
6492	1984	1x2m	S26/W4	90-100	bone	NA							24		fragments
6493	1983	1x2m	S26/W4	90-100	bone	NA							50		fragments
6494	1984	1x2m	S26/W4	110-120	bone	NA							6		fragments
6495	1984	1x2m	S26/W4	110-120	flakedstone	debitage	varied						2		
6496	1984	1x2m	S26/W4	90-100	pottery	TizonBrown							5		
6497	1984	1x2m	S26/W4	90-100	flakedstone	debitage	varied						13		
6498	1984	1x2m	S18/W4	60-70	flakedstone	debitage							30		see card #6500
6499	1983	1x2m	S26/W4	90-100	flakedstone	projectilept	chalcedony	2.2	1.6	0.5		2.1	1		"possible projectlie point
6500	1984	1x2m	S18/W4	60-70	flakedstone	debitage	varied						31		see card #6498
6501	1983	1x2m	S26/W4	70-80	flakedstone	debitage	varied						31		
6502	1983	1x2m	S26/W4	70-80	flakedstone	core	basalt	6.0	2.1	4.1			1		fragment-- possible scrap
6503	1984	1x2m	S18/W4	60-70	flakedstone	scraper	basalt	2.8	2.7	0.8			1		possible scraper
6504	1984	1x2m	S18/W4	60-70	flakedstone	scraper	granitic	5.2	5.0	1.8			1		possible scraper
6505	1984	1x2m	S18/W4	60-70	groundstone	mano	basalt	3.8	6.0	3.4			1		fragment
6506	198?	Surface		surface	flakedstone	projectilept	other	2.5	1.5	0.2		0.9	1		rhyolite
6507	198?	1x2m	S26/W10	60-70	shell	marine shell						4.1	5		missing 4/5/90
6508	198?	1x2m	S18/W4	70-80	shell	marine shell						0.3	2		
6509	198?	1x2m	S14/W0	70-80	shell	marine shell							21		
6510	198?	1x2m	S17/E4	80-90	shell	marine shell						11.2	42		
6511	198?	1x2m	S17/E8	100-110	shell	marine shell						14.6	50		
6512	1984	1x2m	S13/E14	90-100	shell	marine shell						4.2	4		
6513	198?	1x2m	S17/E4	110-120	shell	marine shell						12.6	38		
6514	198?	1x2m	S13/E8	50-60	shell	marine shell						81.8	142		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6515	198?	1x2m	S18/W12	60-70	shell	marine shell						11.3	16		
6516	198?	1x2m	S12/W12	surface	shell	marine shell							4		
6517	198?	1x2m	S9/E6	30-40	shell	marine shell						59.0	187		
6518	198?	1x2m	S9/E8	20-30	shell	marine shell						12.1	38		
6519	198?	1x2m	S14/W2	40-50	shell	marine shell						21.9	27		
6520	198?	1x2m	S26/W6	60-70	shell	marine shell						3.6	15		
6521	198?	1x2m	S18/W2	10-20	shell	marine shell						1.0	1		
6522	198?	1x2m	S12/W14	surface	shell	marine shell							1		
6523	1983	1x2m	S14/W4	50-60	shell	marine shell						8.1	22		
6524	198?	1x2m	S13/W10	surface	shell	marine shell						1.1	1		
6525	198?	1x2m	S12/W10	surface	shell	marine shell							2		
6526	198?	Surface	Road cut	surface	bone	NA							76		fragments
6527	1984	Surface	Road cut	surface	pottery	TizonBrown							32		
6528	1984	Surface	Road cut	surface	pottery	ColoradoBuff		4.3	3.7	0.5			1		
6529	1984	Surface	Road cut	surface	shell	marine shell							81		
6530	1984	Surface	Road cut	surface	flakedstone	debitage	varied						85		
6531	198?	Surface	Road cut	surface	flakedstone	debitage	quartzite	4.2	4.2	0.8			1		
6532	198?	Surface	Road cut	surface	flakedstone	debitage	chalcedony	3.5	2.4	0.8			1		
6533	1981	Surface	Road cut	surface	flakedstone	debitage	basalt	3.3	2.2	0.5			1		Dark grey.
6534	1981	Surface	Road cut	surface	flakedstone	debitage	basalt	3.2	3.0	0.5			1		
6535	1981	Surface	Road cut	surface	flakedstone	debitage	chalcedony	1.5	1.2	0.2			1		
6536	1981	Surface	Road cut	surface	flakedstone	debitage	basalt	1.7	1.7	0.2			1		
6537	1981	Surface	Road cut	surface	groundstone	hammerstone	granitic	5.0	4.6	2.1			1		
6538	1981	Surface	Road cut	surface	groundstone	NA		7.8	2.9	2.9			1		Cobble fragment.
6539	1981	Surface	Road cut	surface	groundstone	NA	quartzite	3.0	2.0	2.3			1		Cobble fragment.
6540	1981	Surface	Road cut	surface	bone	NA		2.3	1.3	0.5			1		Worked bone.
6541	1981	Surface	Road cut	surface	pottery	TizonBrown		1.5	1.3	0.5			1		Rim sherd.
6542	198?	Surface	Road cut	surface	shell	bead		1.0	0.6	0.1			1		Olivella
6543	198?	Surface	Road cut	surface	shell	bead		1.4	0.8	0.1			1		Olivella
6544	198?	Surface	Road cut	surface	flakedstone	projectilept	quartz	2.8	1.8	0.7			1		projectile point blank
6545	198?	Surface	Road cut	surface	flakedstone	debitage	obsidian	1.7	0.9	0.4			1		
6546	198?	Surface	Road cut	surface	flakedstone	debitage	basalt	1.0	0.8	0.1			1		
6547	198?	Surface	Road cut	surface	flakedstone	core	quartz	4.5	3.4	2.5			1		fragment
6548	198?	Surface	Road cut	surface	flakedstone	debitage	basalt	0.7	0.7	0.1			1		
6549	198?	Surface	Road cut	surface	flakedstone	debitage	basalt	1.0	0.9	0.1			1		
6550	198?	Surface	Road cut	surface	shell	NA		2.8	2.4	0.1			1		
6551	198?	Surface	Road cut	surface	flakedstone	core	basalt	5.0	3.5	3.8			1		fragment

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6552	198?	Surface	Road cut	surface	FAR	NA	granitic	7.2	5.0	3.7			1		discarded
6553	198?	Surface	Road cut	surface	flakedstone	core	basalt	4.0	3.2	2.6			1	frag	
6554	1981	Surface	Road cut	surface	flakedstone	core	basalt	7.1	6.9	2.5			1		VOID- DISCARDED
6555	1981	Surface	Road cut	surface	flakedstone	core	basalt	7.5	3.8	2.8			1		Dark grey.
6556	1981	Surface	Road cut	surface	flakedstone	core	quartzite	8.0	6.5	3.4			1	frag	Red/Tan/Grey
6557	1985	Surface	W14OMe	surface	pottery	TizonBrown		2.8	2.0	0.4			1		
6558	1985	1x2m	S13/E6	90-100	bone	NA		0.5	0.3	0.1			1	com	Brown.
6559	1985	1x2m	S13/E6	90-100	bone	NA		0.4	0.3	0.1			1	com	Brown.
6560	1985	1x2m	S18/W2	50-60	bone	NA		1.6	1.6	0.6			1	frag	Possible cranium. Burnt,
6561	1985	Surface	misc srfc.	surface	groundstone	mano	basalt	6.0	4.7	2.1			1	frag	Dark grey.
6564	1985	1x2m	S18/W2	50-60	shell	marine shell		1.1	0.4	0.1			1	frag	Abalone shell pendant.
6565	1985	1x2m	S13/E6	90-100	flakedstone	projectilept	obsidian	1.2	1.9	1.0			1	frag	Large projectile point mid
6567	1985	Surface	Misc srfc	surface	flakedstone	debitage	basalt	6.5	4.7	2.1			1	com	
6568	1985	1x2m	S18/W4	70-80	flakedstone	projectilept	chalcedony	3.2	1.4	0.3			1	com	Light grey/tan
6569	1985	1x2m	S9/E6	30-40	shell	bead		0.4	0.4	0.2			1	com	Clam disk shell bead.
6570	1985	1x2m	S13/E6	90-100	flakedstone	core	basalt	8.5	5.5	4.0			1		Dark grey.
6571	1985	1x2m	S18/W2	50-60	flakedstone	scraper	basalt	8.3	4.0	1.5			1		
6572	1985	1x2m	S13/E6	90-100	flakedstone	core	basalt	5.5	4.5	2.6			1	frag	Dark grey.
6573	1985	1x2m	S13/E6	90-100	bone	NA		0.8	0.4	0.1			1		Possible fish cheek bone.
6575	1982	1x2m	S17/E6	70-80	flakedstone	debitage	varied						3		
6576	1982	1x2m	S17/E6	70-80	flakedstone	scraper	basalt	5.4	3.6	0.8			1	com	
6577	1982	1x2m	S17/E10	70-80	shell	NA						7.3	9	frag	
6578	1985	1x2m	S12/E6	0-10	bone	NA		0.5	0.3	0.1			1		possible micro flake
6579	1985	1x2m	S9/E6	30-40	bone	NA		0.2	0.3	0.1			1		
6580	1985	1x2m	S9/E6	30-40	glass	bead		0.3	0.4	0.1			1		
6581	1985	1x2m	S13/E4	50-60	shell	NA		4.5	3.7	0.2			1		
6582	1985	1x2m	S9/E6	30-40	bone	NA		0.8	0.5	0.1			1		
6583	1985	Surface	S17/E16	Surface	groundstone	NA	granitic	6.1	4.1	2.6			1		
6584	1985	Surface	S5/E6	surface	shell	NA						11.4	14		SHELL FRAGS.
6585	1985	1x2m	S18/W2	50-60	bone	NA							558		
6586	1985	1x2m	S18/W2	50-60	flakedstone	debitage						61.4	66		
6587	1985	1x2m	S18/W2	50-60	pottery	TizonBrown							13		
6588	1985	1x2m	S18/W2	50-60	flakedstone	scraper	quartzite	4.5	3.8	1.2			1		
6589	1985	1x2m	S18/W2	50-60	charcoal	NA						96.2	9999		
6590	1985	1x2m	S18/W2	50-60	shell	NA						27.6	56		
6591	1985	1x2m	S18/W2	50-60	flakedstone	utilizedflake	basalt	3.2	2.0	0.7			1		
6592	1985	1x2m	S18/W2	50-60	flakedstone	scraper	basalt	4.0	2.2	0.6			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6594	1985	1x2m	S18/W4	70-80	charcoal	NA						51.9	9999		
6595	1985	1x2m	S18/W4	70-80	shell	NA						5.3	16		
6596	1985	1x2m	S18/W4	70-80	pottery	TizonBrown							6		
6597	1985	1x2m	S18/W4	70-80	flakedstone	debitage	other						12		
6598	1985	1x2m	S18/W4	70-80	flakedstone	utilizedflake	basalt	1.5	1.4	0.2			1		
6599	1983	1x2m	S5/E6	60-70	shell	NA						75.8	9999		
6600	1985	1x2m	S18/W4	70-80	bone	NA							115		
6601	1982	1x2m	S9/E8	0-10	shell	NA							175		
6602	1985	1x2m	S9/E8	10-20	shell	NA						122.4	437		
6603	1981	Surface	S9/E10	surface	shell	NA							9999		
6604	1983	1x2m	S17/E14	80-90	shell	NA							10		IN ASH BOX
6605	1985	1x2m	S18/W4	70-80	glass	bead		0.4	0.2	0.1			1		green
6606	1985	1x2m	S13/E6	90-100	groundstone	bead	soapstone	0.4	0.4	0.1			1		steatite bead
6607	1985	1x2m	S18/W4	50-60	bone	NA		1.4	1.2	0.4			1		fish vertebra
6608	1985	1x2m	S13/E6	90-100	seeds	NA		0.3	0.3	0.3			1		burnt
6609	1985	1x2m	S18/W4	70-80	shell	bead		1.8	1.0	0.1			1		Olivella, tan
6610	1985	1x2m	S18/W2	60-70	bone	awl		2.0	1.5	0.4			1		Brown, worked bone flat
6611	1985	1x2m	S18/W2	60-70	bone	NA		0.6	0.5	0.4			1		Tooth, missing 4/4/90
6612	1985	1x2m	S18/W2	60-70	bone	NA		0.3	0.9	0.4			1		fish vertebra, brown, goo
6613	1985	1x2m	S18/W2	60-70	bone	NA		1.5	0.6	0.6			1		Metapod deer bone
6614	1985	Surface	Shed	surface	pottery	NA		1.2	1.0	0.3			1		Tan/Desert buff, possible
6615	1985	1x2m	S18/W2	60-70	flakedstone	projectilept	green	1.2	0.8	0.2			1		Tip, Felsite
6616	1985	1x2m	S18/W2	60-70	seeds	NA		0.5	0.5	0.5			1		a dicotyledon type seed sa
6617	198?	Surface	misc surf.	surface	bone	NA		2.5	1.5	0.5			1	frag	polished
6618	1981	1x2m	S9/E8	surface	shell	marine shell						4.2	21	frag	
6619	198?	1x2m	S18/W6	40-50	bone	NA		3.2	1.4	0.4			1		possible shuttle fragment
6620	198?	1x2m	S18/W6	40-50	bone	awl		1.4	0.4	0.4			1	frag	possible awl
6621	198?	1x2m	S18/W6	40-50	bone	NA		2.0	0.6	0.4			1	frag	polished
6622	1985	1x2m	S9/E8	20-30	shell	bead		0.4	0.4	0.1			1		Olivella
6623	198?	1x2m	S17/E12	30-40	pottery	pipe		2.0	1.7	0.7			1	frag	
6624	198?	1x2m	S14/W4	50-60	bone	NA		4.7	1.3	0.5			1		worked-- rounded/striated
6626	198?	1x2m	S17/E4	20-30	bone	awl		3.3	1.2	0.3			1	frag	possible awl
6627	1985	1x2m	S18/W2	60-70	bone	NA		0.5	0.5	0.1			1		fish vertebra
6628	1985	Surface	shed	surface	pottery	NA		4.0	2.7	0.5			1		Rim sherd. "tizon brown/
6629	1985	Surface	S20W20	surface	groundstone	metate	granitic	8.3	6.0	3.5			1	frag	26 cm N, 83 W.
6630	1985	1x2m	S13/E8	60-70	flakedstone	debitage	obsidian	0.8	0.3	0.1			1		
6631	1985	1x2m	S18/W2	60-70	bone	NA		1.9	1.0	0.1			1	com	Fish bone.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6632	1985	1x2m	S18/W2	60-70	bone	NA		2.4	1.2	0.3			1		Worked polished bone.
6633	198?	1x2m	S14/W4	40-50	bone	NA		1.3	0.4	0.2			1	frag	Worked bone- rounded/st
6634	198?	1x2m	S26/W2	80-90	bone	awl		1.9	0.7	0.4			1	frag	Possible awl base.
6635	1985	Surface	Trail	surface	flakedstone	uniface	green	2.5	3.1	0.5			1	frag	"Found on trail to shed, p
6636	1985	1x2m	S9/E6	30-40	shell	bead		0.4	0.4	0.1			1		
6637	198?	1x2m	S9/E6	30-40	shell	bead		0.5	0.5	0.1			1	com	Disc shell bead.
6638	1985	1x2m	S18/W2	60-70	bone	NA		0.4	0.2	0.1			1	frag	fish vertebra.
6639	1985	1x2m	S18/W2	60-70	bone	NA		0.4	0.4	0.1			1	com	Fish vertebra.
6640	1985	1x2m	S13/E9	60-70	groundstone	bead	soapstone	0.4	0.4	0.1			1	com	
6641	1985	1x2m	S9/E6	30-40	flakedstone	debitage	obsidian	1.0	0.6	0.2			1		
6642	1985	1x2m	S13/E8	60-70	bone	NA		0.3	0.2	0.1			1	com	Fish vertebra.
6643	1985	1x2m	S9/E8	30-40	shell	marine shell		2.5	1.3	0.3			1	frag	Abalone ornament fragme
6644	1985	1x2m	S9/E8	30-40	flakedstone	projectilept	basalt	2.0	1.4	0.4			1	frag	Projectile pooint tip.
6645	1985	1x2m	S9/E6	30-40	bone	NA		0.5	0.4	0.1			1	com	Fish vertebra.
6646	1985	1x2m	S9/E6	30-40	bone	NA		0.6	0.3	0.1			1	com	Fish vertebra.
6647	1985	1x2m	S9/E4	30-40	shell	bead		0.5	0.5	0.1			1	com	Olivella disc bead.
6648	1985	1x2m	S9/E6	30-40	bone	NA		0.4	0.5	0.1			1	com	Fish vertebra.
6649	1985	1x2m	S13/E12	30-40	bone	awl		6.0	1.3	0.8			1	frag	Possible awl fragment, w
6650	1985	1x2m	S9/E6	30-40	flakedstone	projectilept	quartz	0.5	0.5	0.2			1	frag	Projectile point tip.
6651	1985	1x2m	S9/E6	30-40	shell	bead		0.5	0.4	0.1			1	com	Disc bead, olivella.
6652	1985	1x2m	S9/E6	30-40	shell	bead		0.5	0.4	0.1			1	com	Olivella shell bead
6653	1985	1x2m	S9/E6	30-40	flakedstone	projectilept	quartz	1.5	1.8	0.3			1	frag	Projectile point base.
6654	1985	1x2m	S9/E8	30-40	flakedstone	debitage	obsidian	0.5	0.5	0.1			1		
6655	1985	1x2m	S18/W6	60-70	bone	NA		1.4	0.3	0.1			1		FISH VERTEBRA
6656	1985	1x2m	S9/E6	40-50	bone	NA		0.5	0.4	0.1			1		
6657	1985	1x2m	S13/E8	60-70	bone	NA		1.0	0.6	0.3			1		
6658	1985	1x2m	S13/E8	60-70	bone	NA		1.1	0.7	0.4			1		
6659	1985	1x2m	S13/E8	60-70	bone	NA		0.8	0.5	0.2			1		
6660	1985	1x2m	S13/E8	60-70	bone	NA		1.2	0.5	0.3			1		
6661	1985	1x2m	S18/W6	60-70	bone	NA		1.0	0.4	0.1			1		
6662	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.5	0.1			1		
6663	1985	1x2m	S9/E6	40-50	bone	NA		0.2	0.3	0.1			1		
6664	1985	1x2m	S12/W6	Surface	flakedstone	tool		2.1	1.3	0.7			1		
6665	1985	1x2m	S13/E6	90-100	seeds	NA		0.2	0.2	0.2			1		
6666	1985	1x2m	S9/E8	30-40	flakedstone	projectilept	quartz	1.9	1.3	0.4			1		
6667	1985	1x2m	S9/E8	30-40	shell	bead		0.7	0.4	0.1			1		
6668	1985	1x2m	S9/E8	30-40	bone	NA		0.2	0.3	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6669	1985	1x2m	S18/W6	60-70	shell	NA		1.8	0.9	0.1			1		
6670	1985	1x2m	S9/E6	40-50	bone	NA		4.5	1.5	1.3			1		
6671	1985	1x2m	S9/E6	40-50	bone	NA		0.5	0.3				1		FISH VERTEBRA
6672	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.4	0.1			1		
6673	1985	1x2m	S9/E6	40-50	groundstone	bead	soapstone	0.5	0.5	0.1			1		
6674	1985	1x2m	S9/E8	30-40	bone	NA		0.5	1.3	0.1			1		FISH VERTEBRA
6676	1985	1x2m	S9/E6	40-50	flakedstone	scraper		5.0	3.6	1.5			1		
6677	1985	1x2m	S9/E10	10-20	shell	NA							9		
6678	1985	1x2m	S9/E10	10-20	shell	NA							75		
6679	1981	1x2m	S13/E6	10-20	shell	NA							418		
6680	1982	1x2m	S6/E0	20-30	shell	NA							2		
6681	1982	1x2m	S13/E6	30-40	shell	NA						102.2	9999		
6682	1981	1x2m	S13/E6	10-20	shell	bead		1.1	0.7	0.1			1		
6683	1982	1x2m	S13/E6	40-50	shell	NA						4.0	28		
6684	1983	1x2m	S13/E6	50-60	shell	NA						92.3	323		
6685	1985	1x2m	S9/E6	30-40	shell	NA							384		
6686	1985	1x2m	S9/E6	30-40	pottery	TizonBrown							22		
6688	1985	1x2m	S9/E6	30-40	bone	NA							372		
6689	1985	1x2m	S9/E6	30-40	FAR	NA	granitic	5.8	4.7	3.4			1		
6690	1985	1x2m	S9/E6	30-40	flakedstone	scraper		3.4	2.8	1.0			1		
6691	1985	1x2m	S9/E6	30-40	flakedstone	scraper	basalt	4.0	2.6	1.2			1	com	
6692	1985	1x2m	S9/E6	30-40	flakedstone	scraper	basalt	4.7	4.2	1.0			1	com	
6693	1985	1x2m	S9/E6	30-40	groundstone	metate	granitic	7.5	5.8	2.8			1	frag	
6694	1985	1x2m	S18/W6	60-70	flakedstone	projectilept	quartz	2.5	1.2	0.5			1	frag	
6695	1985	1x2m	S9/E8	30-40	flakedstone	biface	quartzite	2.8	2.7	0.8			1	frag	
6696	1985	1x2m	S9/E8	30-40	flakedstone	projectilept	green	2.8	2.1	0.5			1	com	
6697	1985	1x2m	S13/E6	80-90	flakedstone	scraper	basalt	5.4	4.2	2.0			1	com	
6698	1985	1x2m	S9/E6	40-50	flakedstone	scraper	green	3.5	3.4	1.0			1	frag	
6699	1985	1x2m	S9/E6	40-50	flakedstone	scraper	basalt	3.1	3.0	0.8			1	com	POSSIBLE SCRAPER
6700	1985	1x2m	S13/E12	30-40	flakedstone	core	quartz	6.0	2.8	3.0			1	frag	CORE FRAG
6701	1985	1x2m	S9/E6	40-50	flakedstone	projectilept	quartz	3.3	1.7	1.1			1	com	
6702	1985	1x2m	S9/E8	40-50	flakedstone	projectilept	quartz	2.2	1.5	0.2			1	com	
6703	1985	1x2m	S9/E8	40-50	bone	NA		0.5	1.7	0.1			1	com	FISH VERTEBRA
6704	1985	1x2m	S9/E8	40-50	shell	bead		0.4	0.4	0.1			1	com	OILIVELLA SHELL BE
6705	1985	1x2m	S9/E8	40-50	shell	bead		0.4	0.4	0.1			1	com	OLIVELLA SHELL BEA
6706	1985	1x2m	S13/E8	60-70	FAR	NA	soapstone	7.3	4.8	4.2			1		"Comale Fragment"
6707	1985	1x2m	S9/E6	40-50	flakedstone	debitage	obsidian	0.8	0.6	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6708	1985	1x2m	S13/E12	30-40	flakedstone	debitage	obsidian	0.8	0.6	0.1			1		
6709	1985	1x2m	S9/E6	40-50	groundstone	bead	soapstone	0.4	0.4	0.1			1		
6710	1985	1x2m	S9/E6	40-50	flakedstone	debitage	obsidian	1.3	0.5	0.3			1		"blade flake"
6711	1985	1x2m	S9/E6	40-50	shell	bead							3	frag	Olivella disc beads
6712	1985	1x2m	S9/E6	40-50	shell	bead		0.5	0.5	0.1			1	frag	Olivella disc bead
6713	1985	1x2m	S9/E6	40-50	shell	bead		0.4	0.4	0.1			1		Olivella disc bead
6714	1985	1x2m	S9/E8	30-40	shell	bead		0.4	0.4	0.1			1		Olivella disc bead
6715	1985	1x2m	S9/E6	40-50	shell	bead		0.4	0.4	0.1			1		clam shell disc bead
6716	1985	1x2m	S9/E6	40-50	shell	bead		0.5	0.5	0.1			1		clam shell disc bead
6717	1985	1x2m	S18/W6	60-70	shell	bead		1.6	0.8				1		Olivella
6718	1985	1x2m	S13/E6	90-100	flakedstone	utilizedflake	green	3.2	1.4	0.3			1		
6719	1985	1x2m	S9/E6	40-50	flakedstone	debitage	obsidian	1.6	0.4	0.2			1		
6720	1985	1x2m	S18/W2	70-80	seeds	NA		0.5	0.5	0.3			1	whole/b	Dicotyledon pod
6721	1985	1x2m	S9/E6	40-50	flakedstone	projectilept	quartz	0.8	0.9	0.4			1	frag	possible projectile point ti
6722	1985	1x2m	S9/E8	40-50	flakedstone	projectilept	basalt	2.4	1.8	0.4			1		
6723	1985	1x2m	S9/E6	40-50	flakedstone	projectilept	quartz	2.2	1.5	0.2			1		
6724	1985	1x2m	S9/E6	40-50	flakedstone	projectilept	quartz	1.0	0.5	0.3			1	frag	possible
6725	1985	1x2m	S9/E6	40-50	flakedstone	projectilept	quartz	1.5	0.6	0.5			1	frag	possible blank
6726	1985	1x2m	S18/W2	70-80	shell	bead		1.0	0.6	0.1			1		Olivella
6727	1985	1x2m	S13/E8	60-70	groundstone	bead	soapstone	0.5	0.4	0.1			1		
6728	1985	1x2m	S9/E6	40-50	shell	bead		0.5	0.5	0.1			1	frag	Olivella disc bead
6729	1985	1x2m	S9/E6	40-50	shell	bead		1.5	0.8	0.1			1		Olivella
6730	1985	1x2m	S13/E8	60-70	bone	NA		0.3	0.3	0.1			1	whole/b	fish vertebra
6731	1985	1x2m	S18/W2	70-80	bone	NA		1.1	0.2	0.2			1	frag	possible deer tooth
6732	1985	1x2m	S18/W2	70-80	bone	NA		0.3	0.3	0.1			1		fish vertebra
6733	1985	1x2m	S13/E8	60-70	bone	NA		0.5	0.4	0.1			1		fish vertebra
6734	1985	1x2m	S13/E8	60-70	bone	NA		1.8	1.2	0.3			1	frag	polished
6735	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.3	0.1			1		fish vertebra
6736	1985	1x2m	S9/E6	40-50	bone	NA		4.4	1.5	0.5			1		polished
6737	1985	1x2m	S9/E6	40-50	bone	NA		1.7	0.9	0.9			1		antler tip
6738	1985	1x2m	S13/E12	30-40	bone	awl		2.2	1.1	0.7			1	frag	
6739	1985	1x2m	S13/E8	60-70	bone	NA		0.9	0.5	0.4			1		"baby deer tooth?"
6740	1985	1x2m	S18/W2	60-70	pottery	TizonBrown		3.0	2.1	0.6			1		"altered rim sherd"
6741	1985	1x2m	S9/E8	30-40	pottery	ColoradoBuff		5.6	2.7	0.5			1		rim sherd
6742	1985	1x2m	S9/E8	30-40	pottery	TizonBrown		4.0	3.7	0.6			1		rim sherd
6743	1985	1x2m	S9/E8	30-40	bone	NA		1.0	0.7	0.4			1	frag	polished
6745	1985	1x2m	S9/E6	40-50	bone	NA		3.5	1.2	0.6			1	fragment/b	highly polished

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6746	1981	1x2m	S13/E8	surface	shell	marine shell						12.7	37	frag	
6747	1982	1x2m	S13/E8	10-20	shell	marine shell						210.0	713	frag	
6748	198?	1x2m	S13/E8	30-40	shell	marine shell						135.0	316	frag	
6749	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.3	0.1			1		fish vertebra
6750	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.5	0.1			1		fish vertebra
6751	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.3	0.1			1		fish vertebra
6752	1985	1x2m	S9/E6	40-50	bone	NA		0.2	0.6	0.1			1		fish vertebra
6753	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.3	0.1			1		fish vertebra
6754	198?	1x2m	S18/W2	60-70	bone	NA		1.1	0.6	0.1			1		fish vertebra
6755	198?	1x2m	S9/E6	40-50	bone	NA		0.3	0.3	0.1			1		fish vertebra
6756	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.4	0.1			1		fish vertebra
6757	1985	1x2m	S9/E6	40-50	bone	NA		0.6	0.3	0.1			1		fish vertebra
6758	198?	1x2m	S9/E6	40-50	bone	NA		0.3	0.3	0.1			1		vertebra
6759	1985	1x2m	S18/W6	60-70	bone	NA		1.0	0.8	0.1			1		3 attached fish vertebra
6760	1985	1x2m	S9/E6	30-40	charcoal	NA						20.0	9999		
6761	1985	1x2m	S9/E6	40-50	shell	marine shell							705	frag	
6762	1985	1x2m	S9/E8	40-50	shell	bead		2.3	0.7	0.5			1	frag	Olivella
6763	1985	1x2m	S17/E4	120-130	shell	bead		0.2	0.4				1		Olivella
6764	1985	1x2m	S9/E8	40-50	shell	bead		0.3	0.3	0.1			1	frag	Olivella disc
6765	1985	1x2m	S17/E4	120-130	flakedstone	utilizedflake	basalt	3.4	1.6	0.2			1		
6766	1985	1x2m	S18/W2	70-80	flakedstone	chopper	basalt	7.1	6.9	2.4			1		
6767	1985	1x2m	S17/E4	120-130	flakedstone	scraper	basalt	2.2	0.4	0.4			1		
6768	1985	1x2m	S18/W2	70-80	flakedstone	chopper	green	5.5	1.5	1.5			1		possible
6769	1985	1x2m	S9/E8	30-40	pottery	TizonBrown		3.2	3.3	0.5			1		"altered"
6770	1985	1x2m	S9/E8	30-40	pottery	ColoradoBuff		1.4	0.8	0.4			1		
6771	1985	1x2m	S9/E8	30-40	pottery	ColoradoBuff		2.8	2.2	0.5			1		
6772	1985	1x2m	S9/E8	30-40	flakedstone	debitage	varied					97.3	203		
6773	1985	1x2m	S9/E8	30-40	flakedstone	utilizedflake	chalcedony	2.4	2.0	0.4			1		
6774	1985	1x2m	S9/E8	30-40	flakedstone	utilizedflake	basalt	2.7	2.7	0.9			1		
6775	1985	1x2m	S9/E8	30-40	flakedstone	debitage	basalt	2.6	1.9	0.2			1		
6776	1985	1x2m	S9/E8	30-40	flakedstone	utilizedflake	chert	1.9	2.7	0.5			1		
6777	1985	1x2m	S9/E8	30-40	flakedstone	debitage	chert	1.8	1.2	0.2			1		
6778	1985	1x2m	S9/E8	30-40	flakedstone	debitage	chalcedony	1.1	1.2	0.2			1		
6779	1985	1x2m	S9/E6	30-40	pottery	NA		1.3	0.8	0.5			1		fire hardened "pebble"
6780	1985	1x2m	S9/E6	30-40	charcoal	NA						50.9	9999		
6781	1985	1x2m	S9/E8	30-40	flakedstone	core	basalt	4.4	2.2	1.6			1	frag	
6782	1985	1x2m	S9/E8	30-40	other	other	granitic	4.1	2.9	1.5			1	frag	cobble

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6783	1985	1x2m	S9/E6	50-60	flakedstone	projectilept	quartz	2.0	2.5	0.7			1	frag	possible base
6784	1985	1x2m	S9/E8	40-50	shell	NA		0.8	0.6	0.1			1	frag	Abalone
6785	1985	1x2m	S13/E8	60-70	flakedstone	debitage	obsidian	1.0	0.5	0.2			1		
6786	1985	1x2m	S13/E6	90-100	flakedstone	debitage	obsidian	0.9	0.8	0.1			1		
6787	1981	1x2m	S13/E10	surface	shell	marine shell						22.4	54	frag	
6788	198?	1x2m	S13/E10	0-10	shell	marine shell							298	frag	
6789	1985	1x2m	S9/E8	30-40	pottery	TizonBrown							47		
6790	1981	1x2m	S13/E10	10-20	shell	marine shell						41.7	88	frag	
6791	1981	1x2m	S13/E10	20-30	shell	marine shell						20.1	18	frag	
6792	1982	1x2m	S13/E10	30-40	shell	marine shell						49.2	171	frag	
6793	1985	1x2m	S9/E8	30-40	bone	NA							328	frag	
6794	1985	1x2m	S9/E8	30-40	charcoal	NA						26.4	1		
6795	1985	1x2m	S9/E8	30-40	metal	nail/tack		4.5	0.5	0.3			1		square nail
6796	1982	1x2m	S13/E10	40-50	shell	marine shell						153.9	441	frag	
6797	1982	1x2m	S13/E10	50-60	shell	marine shell						79.3	384	frag	
6798	1982	1x2m	S13/E10	60-70	shell	marine shell						58.2	174	frag	
6799	198?	1x2m	S13/E10	70-80	shell	marine shell						100.2	278	frag	
6801	1985	1x2m	S9/E8	30-40	shell	marine shell						117.8	409	frag	
6802	1985	1x2m	S13/E6	90-100	bone	NA		1.3	1.3	0.3			1	frag	turtle shell
6803	1985	1x2m	S18/W2	70-80	seeds	NA		0.5	0.5	0.3			1	fragment/b	Dicotyledon
6804	1985	1x2m	S18/W2	60-70	bone	NA		1.6	0.3	0.1			1	fragment/b	polished
6805	1985	1x2m	S18/W2	60-70	other	other	quartzite	4.0	2.7	2.0			1	frag	cobble
6806	1985	1x2m	S18/W2	60-70	flakedstone	scraper	basalt	4.0	3.0	1.3			1		
6807	1985	1x2m	S18/W2	60-70	flakedstone	scraper	basalt	3.8	2.6	0.7			1		
6808	1985	1x2m	S9/E8	40-50	flakedstone	projectilept	basalt	1.9	1.5	0.4			1	frag	base
6809	1985	1x2m	S9/E8	40-50	flakedstone	projectilept	quartz	1.2	1.0	0.2			1	frag	tip
6810	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	chalcedony	2.2	1.7	0.2			1		
6811	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	chert	2.5	1.5	0.2			1		
6812	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	chert	1.7	1.2	0.2			1		
6813	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	quartz	1.6	1.6	0.3			1		
6814	1985	1x2m	S9/E6	50-60	bone	NA		0.5	0.4	0.2			1		
6815	1985	1x2m	S18/E4	surface	flakedstone	scraper	basalt	2.0	2.0	0.7			1		
6817	1985	1x2m	S17/E4	120-130	pottery	TizonBrown		1.1	1.0	0.2			1	frag	pipe lip
6818	1985	1x2m	S17/E4	120-130	pottery	TizonBrown		1.2	0.9	0.3			1		
6819	1985	1x2m	S26/W0	surface	shell	bead		1.4	0.8	0.1			1		Olivella
6820	1985	1x2m	S9/E6	50-60	bone	awl		0.9	0.5	0.4			1	frag	tip
6821	1985	1x2m	S17/E4	120-130	bone	NA		3.5	1.1	0.8			1		abraded

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6822	1985	1x2m	S9/E6	30-40	bone	NA		1.6	1.0	0.4			1		cut and polished
6823	1985	1x2m	S9/E6	50-60	bone	NA		1.8	0.5	0.3			1		polished
6824	1985	1x2m	S17/E4	120-130	bone	NA		3.1	2.1	1.0			1	fragment/b	polished
6825	1985	1x2m	S9/E6	50-60	shell	bead		0.2	0.5				1	fragment/b	Olivella
6826	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.3	0.1			1		fish vertebra
6827	1985	1x2m	S9/E6	40-50	bone	NA		0.3	0.3	0.1			1		fish vertebra
6828	1985	1x2m	S9/E8	30-40	bone	NA		0.3	0.5	0.1			1		fish vertebra
6829	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.8	0.1			1		fish vertebra
6830	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.4	0.1			1		fish vertebra
6831	1985	1x2m	S9/E6	50-60	bone	NA		0.8	0.5	0.1			1		fish vertebra
6832	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.4	0.1			1		fish vertebra
6833	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.9	0.1			1		fish vertebra
6834	1985	1x2m	S9/E8	40-50	bone	NA		0.8	2.0	0.1			1		fish vertebra
6835	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.4	0.1			1		fish vertebra
6836	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.5	0.1			1		fish vertebra
6837	1985	1x2m	S9/E6	50-60	bone	NA		0.4	0.3	0.1			1		fish vertebra
6838	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.4	0.1			1		fish vertebra
6839	1985	1x2m	S9/E6	40-50	bone	NA		0.4	0.6	0.1			1		fish vertebra
6840	1985	1x2m	S17/E8	90-100	flakedstone	scraper	unidentified	4.7	2.4	0.8			1		fill from north wall
6841	1985	1x2m	S17/E8	90-100	bone	NA		2.4	0.6	0.3			1		abraded
6842	1985	1x2m	S17/E8	90-100	flakedstone	utilizedflake	chert	1.8	1.0	0.3			1		fill from north wall
6843	1985	1x2m	S17/E8	90-100	bone	NA		7.5	3.7	0.3			1		worked
6844	1985	1x2m	S17/E8	90-100	bone	NA		5.2	5.4	2.2			1		worked
6845	1985	1x2m	S17/E8	90-100	bone	NA		3.5	1.1	0.6			1		worked
6846	1985	1x2m	S17/E8	90-100	flakedstone	debitage	green						1		fill from north wall
6847	1985	1x2m	S17/E8	90-100	pottery	TizonBrown		3.4	2.5	1.0			1		fill from north wall
6848	1985	1x2m	S9/E8	50-60	flakedstone	projectilept	quartz	2.0	1.6	0.6			1	frag	base
6849	1985	1x2m	S18/W6	60-70	flakedstone	projectilept	quartz	2.7	1.1	0.5			1	frag	possible
6850	1985	1x2m	S9/E6	50-60	flakedstone	projectilept	other	2.5	1.7	0.4			1		material= local volcanic
6851	1985	1x2m	S18/W6	60-70	flakedstone	projectilept	quartzite	2.0	1.8	0.5			1		
6852	1985	1x2m	S9/E6	50-60	flakedstone	core	quartzite	6.2	4.0	3.0			1	frag	
6853	1985	1x2m	S17/E2	surface	groundstone	bead	soapstone	0.5	0.5	0.1			1		missing 4/4/90
6854	1985	1x2m	S5/E6	80-90	seeds	NA		0.5	0.4	0.4			1		
6855	1985	1x2m	S13/E6	90-100	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		
6856	1985	1x2m	S13/E6	90-100	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
6858	1985	1x2m	S18/W2	70-80	groundstone	hammerstone	basalt	6.6	4.0	3.3			1	frag	
6860	1985	1x2m	S18/W6	60-70	pottery	TizonBrown		3.0	3.5	0.5			1		rim sherd

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6861	1985	1x2m	S18/W6	60-70	pottery	ColoradoBuff		4.8	1.6	0.5			1		worked
6862	1985	1x2m	S5/E6	80-90	pottery	TizonBrown		1.4	1.0	0.6			1		burnt clay-- amorphous
6863	1985	1x2m	S9/E6	50-60	pottery	TizonBrown		0.7	0.7	0.4			1		rim sherd
6864	1985	1x2m	S18/W6	60-70	shell	bead		1.4	0.8	0.1			1		Olivella
6865	1985	1x2m	S13/E6	90-100	shell	bead		1.6	0.8	0.1			1		Olivella
6866	1985	1x2m	S18/W2	70-80	shell	bead		0.6	0.5				1		Olivella
6867	1985	1x2m	S17/E8	110-120	shell	marine shell		4.2	4.0	0.1		5.2	1	frag	
6868	1985	1x2m	S9/E6	50-60	shell	marine shell		2.7	3.1	0.1			1	frag	
6869	1985	1x2m	S9/E6	50-60	shell	marine shell		2.5	4.0	0.2			1		one edge rounded from us
6870	1981	1x2m	S17/E6	surface	shell	marine shell						7.8	28	frag	
6871	1982	1x2m	S17/E6	30-40	shell	marine shell						2.2	11	frag	
6872	1982	1x2m	S17/E6	40-50	shell	marine shell						20.6	2		
6873	1982	1x2m	S17/E6	70-80	shell	marine shell						42.0	84	frag	
6874	1982	1x2m	S17/E6	90-100	shell	marine shell						0.7	2	frag	
6875	1985	1x2m	S9/E8	40-50	pottery	ColoradoBuff		1.4	1.1	0.3			1		
6876	1985	1x2m	S9/E8	40-50	pottery	ColoradoBuff		3.0	2.0	0.3			1		
6877	1985	1x2m	S9/E6	40-50	pottery	TizonBrown		2.0	1.8	0.3			1		
6878	1985	1x2m	S13/E6	80-90	bone	NA		1.3	0.2	0.1			1		
6879	1981	1x2m	S13/E14	surface	shell	marine shell						16.6	17	frag	
6880	1985	Surface	shed area	surface	shell	bead		1.4	0.7	0.1			1		Olivella
6881	1985	1x2m	S18/W6	60-70	shell	marine shell		1.0	0.4	0.1			1	frag	Abalone
6882	1985	1x2m	S18/W6	60-70	shell	marine shell		0.7	0.5	0.1			1	frag	Abalone
6883	198?	1x2m	S13/E14	10-20	shell	marine shell						32.8	47	frag	
6884	1985	1x2m	S9/E8	40-50	bone	NA		2.9	1.5	0.7			1	fragment/b	possible shuttle
6885	1985	1x2m	S9/E6	40-50	bone	NA							5	frag	
6886	1985	1x2m	S9/E8	40-50	bone	awl		5.3	1.0	0.7			1	frag	possible
6887	1985	1x2m	S9/E8	40-50	bone	awl		4.5	0.7	0.5			1	frag	
6888	1981	1x2m	S18/W0	10-20	shell	marine shell						30.1	83	frag	
6889	1985	1x2m	S9/E8	40-50	bone	awl		2.1	0.7	0.4			1	frag	
6890	1985	1x2m	S13/E12	40-50	groundstone	metate	granitic	17.0	14.5	10.0			1	frag	
6891	1981	1x2m	S18/W0	20-30	shell	marine shell						26.8	88	frag	
6892	1985	1x2m	S20/E0	surface	shell	ornament		1.5	0.3	0.3			1		possible fish hook
6893	1985	1x2m	S9/E6	50-60	flakedstone	projectilept	basalt	2.4	1.8	0.5			1	frag	base and center
6894	1985	1x2m	S9/E6	50-60	flakedstone	projectilept	chalcedony	3.0	1.6	0.4			1		
6895	1985	1x2m	S9/E6	50-60	shell	marine shell		2.6	1.8	0.1			1	frag	
6896	1985	1x2m	S9/E6	50-60	flakedstone	projectilept	chalcedony	2.0	1.5	0.3			1	frag	base
6897	1985	1x2m	S17/E8	50-60	flakedstone	projectilept	obsidian	1.1	1.1	0.1			1	frag	base

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6898	1985	1x2m	S17/E8	100-110	flakedstone	scraper	basalt	3.8	3.2	0.7			1		
6899	1985	1x2m	S5/E6	80-90	flakedstone	core	basalt	4.9	3.4	2.5			1		
6900	1985	1x2m	S13/E12	40-50	flakedstone	scraper	basalt	6.5	4.5	3.2			1		
6901	1985	1x2m	S9/E6	50-60	shell	bead		0.4	0.4	0.1			1	whole/b	Olivella disc bead
6902	1985	1x2m	S9/E8	50-60	shell	bead		0.4	0.4	0.1			1	whole/b	Olivella disc bead
6903	1985	1x2m	S9/E8	40-50	flakedstone	projectilept	quartz	2.0	1.9	0.5			1	frag	base and center
6904	1985	1x2m	S9/E6	60-70	groundstone	bead	soapstone	0.4	0.4	0.1			1		
6905	1985	1x2m	S9/E8	50-60	pottery	TizonBrown		4.3	2.8	0.5			1		rim sherd
6906	1985	1x2m	S9/E8	50-60	pottery	TizonBrown		3.0	4.1	0.7			1		rim sherd
6907	1985	1x2m	S13/E8	60-70	shell	bead		1.0	0.9	0.1			1		Olivella disc bead
6908	1985	1x2m	S17/E8	120-130	shell	bead		1.3	0.6	0.1			1	whole/b	Olivella
6909	1985	1x2m	S9/E8	40-50	shell	bead		1.9	1.0	0.1		1.4	1	frag	Olivella
6910	1985	1x2m	S13/E6	100-110	groundstone	bead	soapstone	0.5	0.5	0.1			1		
6911	1985	1x2m	S18/W2	70-80	bone	NA		0.6	0.4	0.2			1	frag	deer tooth
6912	1985	1x2m	S18/W6	60-70	bone	NA		2.5	0.8	0.3			1	frag	butchered
6913	1985	1x2m	S5/E6	80-100	seeds	NA		0.6	0.5	0.1			1	whole/b	
6914	1985	1x2m	S5/E6	80-90	bone	NA		1.3	1.0	0.4			1	frag	mammal cranium
6915	1985	1x2m	S13/E8	60-70	bone	NA		1.3	1.0	0.5			1	frag	cranium
6916	1985	1x2m	S9/E6	60-70	flakedstone	projectilept	quartz	3.7	2.0	3.5			1		blank
6917	1981	1x2m	S18/W0	30-40	shell	marine shell		1.1	0.6	0.1			1		Olivella
6918	1981	1x2m	S18/W0	30-40	shell	marine shell						45.7	94	frag	
6919	1985	1x2m	S13/E8	60-70	flakedstone	projectilept	quartz	2.2	1.2	0.5			1		
6920	1985	1x2m	S5/E6	80-90	flakedstone	projectilept	quartz	2.0	1.4	0.5			1		
6921	1985	1x2m	S9/E6	60-70	flakedstone	scraper	basalt	3.1	2.8	1.0			1		
6922	198?	1x2m	S18/W0	40-50	shell	marine shell						33.5	88	frag	
6923	1985	1x2m	S13/E12	40-50	flakedstone	debitage	obsidian	1.0	0.5	0.2			1		
6924	1982	1x2m	S18/W0	40-50	shell	marine shell		2.7	1.4	0.2			1	frag	Abalone
6925	1982	1x2m	S18/W0	50-60	shell	marine shell						25.2	53	frag	
6930	1985	Surface	off site	surface	shell	marine shell		1.4	1.9				1	frag	sea urchin
6931	1985	1x2m	S9/E6	60-70	shell	marine shell							1	frag	
6932	1985	1x2m	S13/E8	60-70	shell	bead		0.5	0.5	0.1			1		Olivella disc bead
6933	198?	1x2m	S18/W0	60-70	shell	marine shell						21.6	71	frag	
6934	1985	1x2m	S18/W2	70-80	bone	awl		1.5	0.7	0.5			1	frag	possible
6935	1985	1x2m	S5/E6	80-90	bone	NA		2.3	0.9	0.3			1	frag	worked
6936	198?	1x2m	S18/W0	70-80	shell	marine shell						24.3	43	frag	
6937	1985	1x2m	S9/E6	60-70	bone	awl		1.6	0.8	0.4			1	frag	
6938	1985	1x2m	S9/E6	60-70	bone	awl		1.1	0.5	0.1			1	frag	possible

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6939	198?	1x2m	S18/W0	110-120	shell	marine shell						5.9	4	frag	
6940	1985	1x2m	S9/E6	60-70	bone	awl		1.4	0.5	0.2			1	frag	possible
6941	1985	1x2m	S5/E6	90-100	bone	NA		2.4	1.8	0.5			1	frag	butchered
6942	198?	1x2m	S26/W0	10-20	shell	marine shell						9.1	25	frag	
6943	1985	1x2m	S13/E12	40-50	flakedstone	debitage	obsidian	0.7	0.6	0.2			1		
6944	1985	1x2m	S13/E8	60-70	other	other	other	3.8	2.0	1.7			1		hematite nodule
6945	1985	1x2m	S8/E6	20-30	pottery	TizonBrown		1.9	2.4	0.6			1		rim sherd
6946	1985	1x2m	S9/E8	60-70	flakedstone	projectilept	quartz	1.6	0.6	0.3			1	frag	tip
6947	1985	1x2m	S13/E12	40-50	flakedstone	debitage	obsidian	1.1	0.8	0.1			1		
6948	1985	1x2m	S9/E8	60-70	bone	awl		7.8	1.3	0.4			1		
6949	1985	1x2m	S9/E6	60-70	flakedstone	projectilept	basalt	3.5	1.5	1.3			1	frag	blank
6950	1985	1x2m	S18/W2	80-90	bone	NA		1.3	0.4	0.3			1	frag	deer tooth
6951	1985	1x2m	S13/E6	100-110	bone	NA		0.9	0.6	0.5			1	frag	human molar
6952	1985	1x2m	S9/E6	60-70	bone	NA		2.2	0.4	0.4			1		deer tooth
6953	1985	1x2m	S9/E8	60-70	flakedstone	projectilept	quartz	1.8	1.4	0.4			1	com	
6955	1985	1x2m	S9/E8	60-70	shell	NA		1.1	0.7	0.2			1	frag	Fragment with drilled hol
6956	1985	1x2m	S9/E8	60-70	flakedstone	scraper	basalt	7.0	5.0	1.0			1	frag	
6957	1985	1x2m	S9/E8	60-70	groundstone	hammerstone	basalt	9.4	9.4	2.5			1	com	
6958	1985	1x2m	S9/E8	60-70	flakedstone	scraper	basalt	7.0	5.0	1.5			1	frag	
6959	1985	1x2m	S9/E6	60-70	flakedstone	core	basalt	5.9	2.5	2.0			1	frag	
6960	1985	1x2m	S9/E8	60-70	groundstone	metate	granitic	8.0	5.0	7.0			1	frag	
6961	1985	1x2m	S13/E12	40-50	bone	NA		2.0	0.8	0.4			1	frag	Polished.
6962	1985	1x2m	S5/E6	90-100	bone	NA		0.5	0.4	0.2			1	frag	"Fish spine or ray dermal
6963	1985	1x2m	S5/E6	80-90	bone	awl		0.9	0.5	0.3			1	frag	Worked bone, flat, striate
6965	1985	1x2m	S9/E6	50-60	bone	tool		1.4	0.5	0.4			1	frag	Antler (fabricator) tip.
6966	1985	1x2m	S9/E6	60-70	bone	awl		1.3	0.3	0.3			1	frag	
6967	1985	1x2m	S5/E6	80-90	glass	bead		0.3	0.3	0.3			1	com	Melted glass bead, dark b
6968	1985	1x2m	S9/E8	50-60	glass	bead		0.3	0.2	0.1			1	com	Light blue.
6969	1985	1x2m	S9/E8	50-60	glass	bead		0.4	0.5	0.2			1	com	Iridescent blue.
6970	1985	1x2m	S5/E6	surface	groundstone	metate	granitic	7.5	5.8	7.5			1	frag	Found in discard pile.
6971	1985	1x2m	S13/E12	40-50	groundstone	metate	granitic	13.2	5.0	10.0			1	frag	
6972	1985	1x2m	S18/W2	70-80	groundstone	mano	granitic	9.0	4.5	4.8			1	frag	
6974	1982	1x2m	S13/E12	10-20	flakedstone	debitage	obsidian	0.8	0.7	0.1			1	frag	(micro)
6975	1982	1x2m	S13/E12	10-20	flakedstone	debitage	obsidian	0.5	0.5	0.1			1	frag	(micro)
6976	1985	1x2m	S13/E12	10-20	flakedstone	debitage	obsidian	0.4	0.0	0.1			1	frag	(micro)
6977	1985	Surface	S22E6	surface	groundstone	metate	granitic	13.5	11.5	9.5			1	frag	
6978	1986	1x2m	S13/E6	100-110	bone	NA		1.2	0.9	0.2			1	frag	Turtle carapice.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
6979	1985	1x2m	S13/E6	100-110	bone	NA		2.8	1.2	0.6			1	frag	Polished bone fragment, p
6980	1986	1x2m	S13/E8	60-70	bone	NA		1.9	1.5	0.4			1	frag	Worked.
6981	1986	1x2m	S8/E6	20-30	bone	NA		1.4	0.5	0.1			1	frag	Deer tooth.. SE corner flo
6982	1986	1x2m	S13/E8	100-110	bone	NA		2.2	1.2	1.2			1		polished and worked
6983	1986	1x2m	S9/E8	60-70	glass	bead		0.4	0.4	0.4			1	whole/b	
6984	1986	1x2m	S8/E6	30-35	glass	NA		0.5	0.4	0.5			1		from column sample-- SE
6985	1986	1x2m	S8/E6	35-40	glass	bead		0.3	0.2	0.1			1		from column sample
6986	1986	1x2m	S8/E6	35-40	glass	bead		0.4	0.4	0.1			1		from column sample
6987	1986	1x2m	S13/E6	100-110	groundstone	bead	soapstone	0.5	0.5	0.1			1		
6988	1986	1x2m	S18/W2	80-90	shell	bead		1.2	1.2	0.1			1	frag	
6989	1986	1x2m	S9/E8	60-70	flakedstone	debitage	obsidian	1.2	0.8	0.1			1		
6990	1986	1x2m	S13/E12	50-60	flakedstone	debitage	obsidian	0.8	0.5	0.1			1		
6991	1986	1x2m	S18/W6	70-80	pottery	NA		0.8	0.5	0.6			1		"possible clay pebble/nod
6992	1986	1x2m	S9/E6	70-80	pottery	NA		1.7	1.5	0.4			1		"daub + wattle"
6993	1986	1x2m	S9/E6	70-80	groundstone	mano	granitic	7.0	5.7	3.0			1		used as hammerstone
6994	1986	1x2m	S18/W6	70-80	flakedstone	projectilept	quartz	2.9	2.9	1.5			1	frag	blank
6995	1986	1x2m	S18/W6	70-80	flakedstone	projectilept	basalt	2.3	1.5	0.2			1	frag	blank-- reused as scraper
6996	1986	1x2m	S8/E6	25-30	flakedstone	utilizedflake	basalt	2.1	1.6	0.3			1		from column sample-- SE
6997	1986	1x2m	S18/E14	surface	flakedstone	scraper	granitic	3.0	2.0	0.7			1		
6998	1986	Surface	shed-front	surface	flakedstone	knife	basalt	3.0	2.6	1.2			1	frag	unifacial, blank
6999	1986	1x2m	S18/W2	80-90	flakedstone	scraper	basalt	5.2	4.3	1.8			1		
7000	1986	1x2m	S18/W2	80-90	flakedstone	scraper	quartzite	4.0	3.3	1.8			1		
7001	1986	1x2m	S8/E6	50-60	groundstone	pestle	basalt	9.5	7.6	4.1			1		
7002	1986	1x2m	S18/W6	70-80	pottery	TizonBrown		3.7	2.8	0.5			1		
7003	1986	1x2m	S18/W6	70-80	flakedstone	debitage	obsidian	0.8	0.4	0.1			1	frag	
7004	1986	1x2m	S13/E12	50-60	flakedstone	projectilept	quartz	2.1	1.9	0.4			1		
7005	1986	1x2m	S13/E12	50-60	shell	marine shell		0.6	0.6	0.2			1		whole pecten
7006	1986	1x2m	S9/E6	70-80	bone	NA		5.6	0.4	0.3			1		awl frag-worked bone
7008	1986	1x2m	S13/E8	60-70	flakedstone	debitage	obsidian	1.2	1.2	0.3			1		flake
7009	1986	1x2m	S13/E8	60-70	bone	NA		2.0	1.4	0.4			1		polished
7010	1986	1x2m	S13/E8	60-70	bone	NA		0.5	0.4	0.4			1	frag	
7011	1986	Surface	trail	surface	groundstone	mano	granitic	7.5	5.2	5.0			1	frag	near beginning of trail
7012	1986	Surface	trail	surface	groundstone	mano	granitic	7.7	5.0	5.0			1	frag	beginning of trail
7013	1986	1x2m	S18/W2	80-90	groundstone	hammerstone	granitic	6.5	6.0	5.5			1		
7014	1985	Surface	shed	surface	flakedstone	knife	quartz	3.0	3.6	1.7			1	frag	knife blank
7015	1985	Surface	surface	surface	groundstone	mano	granitic	7.5	3.5	4.5			1	frag	misscel. Surface pit
7016	1985	Surface	pole	surface	groundstone	metate	granitic	18.0	15.0	9.5			1	frag	off side by telephone pole

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7017	1981	1x2m	S18/W8	surface	shell	marine shell						4.6	8		
7018	1981	1x2m	S18/W8	10-20	shell	marine shell							1		donax
7019	1986	1x2m	S18/W8	30-40	shell	marine shell						13.0	21		
7020	1982	1x2m	S18/W8	40-50	shell	marine shell						1.4	14		
7021	1986	1x2m	S18/W8	50-60	shell	marine shell						10.4	9		
7022	1982	1x2m	S18/W8	70-80	shell	marine shell						0.5	1		
7023	1981	1x2m	S26/W8	0-10	shell	marine shell						1.1	14	frag	
7024	1986	1x2m	S26/W8	10-20	shell	marine shell						3.3	20	frag	
7025	1981	1x2m	S22/W4	surface	shell	marine shell						1.0	5	frag	
7026	1981	1x2m	S22/W4	0-10	shell	marine shell						0.9	3		
7027	1986	1x2m	S22/W4	10-20	shell	marine shell						13.1	42		
7028	1981	1x2m	S22/W4	30-40	shell	marine shell							1		
7029	1981	1x2m	S22/W4	30-40	shell	marine shell						14.0	33	frag	
7030	1981	1x2m	S22/W4	40-50	shell	marine shell						44.5	44	frag	
7031	1982	1x2m	S17/E14	surface	shell	marine shell						25.7	41	frag	
7032	1982	1x2m	S22/W4	70-80	shell	marine shell							1		
7033	1981	1x2m	S17/E14	10-20	shell	marine shell						80.5	201	frag	
7034	1986	1x2m	S22/W4	80-90	shell	marine shell						0.9	4	frag	
7035	1982	1x2m	S17/E14	40-50	shell	marine shell						6.4	75	frag	
7036	1986	1x2m	S16/E6	unk	flakedstone	chopper	basalt	7.5	7.0	3.0			1	frag	
7037	1986	1x2m	S16/E6	unk	flakedstone	scraper	quartzite	6.3	4.6	2.7			1		cave into s17 e6
7038	1986	Surface	trail	surface	groundstone	mano	granitic	10.5	7.5	4.8			1	frag	near road cut beginning o
7039	1986	1x2m	S16/E6	unk	groundstone	mano	granitic	5.0	3.5	2.4			1	frag	cave in to s17 e6
7040	1985	1x2m	S5/E6	80-90	bone	NA		0.3	0.3	0.2			1	frag	fish
7041	1986	Surface	S6/E6	surface	pottery	TizonBrown		2.1	1.7	0.4			1	frag	
7042	1985	1x2m	S5/E6	80-90	bone	NA							1	frag	fish
7043	1986	1x2m	S8/E6		bone	NA							1	frag	fish
7044	1986	1x2m	S8/E6	35-40	bone	NA							1		fish
7045	1986	1x2m	S8/E6	30-35	bone	NA							1		fish
7046	1985	1x2m	S9/E8	50-60	shell	bead							1		
7047	1986	1x2m	S18/W6	70-80	bone	NA							1		fish
7048	1985	1x2m	S18/W6	60-70	bone	NA							3	frag	fish
7049	1986	1x2m	S18/W2	80-90	bone	NA							1	frag	fish
7050	1985	1x2m	S13/E12	40-50	bone	NA							1		fish
7051	1985	1x2m	S13/E12	40-50	bone	NA							1		fish
7052	1986	1x2m	S13/E12	50-60	bone	NA							1	frag	fish
7053	1985	1x2m	S13/E6	100-110	bone	NA							1		fish

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7054	1985	1x2m	S13/E6	90-100	bone	NA							1	frag	fish
7055	1985	1x2m	S13/E8	60-70	bone	NA							1		FISH VERTEBRA
7056	1985	1x2m	S13/E8	60-70	bone	NA		0.4	0.3	0.3			1		fish vertebra
7057	1985	1x2m	S13/E8	60-70	bone	NA		0.4	0.3	0.3			1		fish vertebra
7058	1985	1x2m	S13/E8	60-70	bone	NA		0.2	0.6	0.3			1		fish vertebra
7059	1985	1x2m	S13/E8	60-70	bone	NA		0.4	0.5	0.2			1		fish vertebra
7060	1985	1x2m	S13/E8	60-70	bone	NA		0.3	0.6	0.3			1		fish vertebra
7061	1986	1x2m	S9/E6	70-80	bone	NA		0.3	0.5	0.1			1		fish vertebra
7062	1986	1x2m	S9/E6	70-80	bone	NA		0.3	0.4	0.3			1		fish vertebra
7063	1986	1x2m	S9/E6	70-80	bone	NA		0.8	0.7				1		fish vertebra
7064	1986	1x2m	S9/E6	70-80	bone	NA		0.6	0.3	0.3			1		fish vertebra
7065	1986	1x2m	S9/E6	70-80	bone	NA		0.5	0.3	0.3			1		fish vertebra
7066	1986	1x2m	S9/E6	70-80	bone	NA		0.3	0.3	0.2			1		fish vertebra
7067	1986	1x2m	S9/E6	70-80	bone	NA		0.3	0.3	0.2			1		fish vertebra
7068	1985	1x2m	S9/E6	50-60	bone	NA		1.0	1.3	0.2			1		fish vertebra
7069	1981	1x2m	S17/E10	30-40	shell	marine shell						44.5	116	frag	
7070	1981	1x2m	S17/E10	20-30	shell	marine shell						111.5	296		
7071	1981	1x2m	S17/E10	20-30	shell	marine shell						10.7	60	frag	
7072	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.3	0.3			1		fish vertebra
7073	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.3	0.2			1		fish vertebra
7074	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.3	0.2			1		fish vertebra
7075	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.5	0.3			1		fish vertebra
7076	1985	1x2m	S9/E6	50-60	bone	NA		0.4	0.4	0.2			1		fish vertebra
7077	1981	1x2m	S17/E10	40-50	shell	marine shell						65.2	164	frag	
7078	1985	1x2m	S9/E6	50-60	bone	NA		0.4	0.4	0.3			1		fish vertebra
7079	1985	1x2m	S9/E6	50-60	bone	NA		0.2	0.2	0.2			1		fish vertebra
7080	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.3	0.2			1		fish vertebra
7081	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.2	0.2			1		fish vertebra
7082	1985	1x2m	S9/E6	50-60	bone	NA		3.0	0.6	0.3			1		fish vertebra
7083	1985	1x2m	S9/E6	50-60	bone	NA		0.3	0.3	0.2			1		fish vertebra
7084	1985	1x2m	S9/E6	50-60	bone	NA		0.2	0.2	0.2			1		fish vertebra
7085	1985	1x2m	S9/E6	50-60	bone	NA							1	frag	
7086	1985	1x2m	S9/E6	50-60	bone	NA							1	frag	
7087	1982	1x2m	S17/E10	80-90	shell	marine shell						4.2	1	com	pecten
7088	1985	1x2m	S9/E6	50-60	bone	NA							1		fish
7089	1986	1x2m	S12/E10	90-100	shell	marine shell						110.7	334	frag	
7090	1985	1x2m	S9/E6	50-60	bone	NA							1		fish

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7091	7091	1x2m	S9/E6	60-70	bone	NA							1		fish
7092	1985	1x2m	S13/E8	60-70	bone	NA							1	frag	fish
7093	1985	1x2m	S13/E8	60-70	bone	NA							1	frag	fish
7094	1985	1x2m	S13/E8	60-70	bone	NA							1	frag	fish
7095	1985	1x2m	S9/E6	60-70	bone	NA							1	frag	fish
7096	1985	1x2m	S9/E6	60-70	bone	NA							1		fish
7097	1985	1x2m	S9/E6	60-70	bone	NA							1	frag	fish
7098	1985	1x2m	S9/E6	60-70	bone	NA							1	frag	fish
7099	1986	1x2m	S9/E6	70-80	bone	NA							1	frag	fish
7100	1986	1x2m	S9/E6	70-80	bone	NA							1	frag	fish
7101	1985	1x2m	S9/E6	0-10	shell	marine shell						3.1	16	frag	
7102	1985	1x2m	S9/E6	0-10	flakedstone	debitage	quartz						6	frag	back fill
7103	1985	1x2m	S9/E6	0-10	flakedstone	debitage							1	com	back fill
7104	1985	1x2m	S9/E6	0-10	bone	NA							30	frag	back fill
7105	1985	1x2m	S9/E6	0-10	pottery	ColoradoBuff							1	frag	
7106	1985	1x2m	S9/E6	0-10	charcoal	NA						2.3	1	frag	back fill
7107	1982	1x2m	S13/E10	60-70	bone	NA							2	frag	polished
7108	1982	1x2m	S13/E10	60-70	bone	NA		2.5	0.5	0.5			1	frag	worked-poss awl
7109	1982	1x2m	S13/E10	60-70	bone	NA		1.8	1.4	0.4			1	frag	BUTCHEDERD
7110	1982	1x2m	S13/E10	60-70	bone	NA		14.4	2.0	0.7			1		scrapper
7112	1982	1x2m	S13/E12	10-20	bone	NA		1.5	0.5	0.5			1	frag	polished bone
7114	1983	1x2m	S14/W0	50-60	bone	NA							1	frag	worked
7115	1986	1x2m	S13/E14	60-70	pottery	ColoradoBuff		2.0	0.9	0.5			1	frag	dk grey/basket imprint
7116	1982	1x2m	S13/E14	60-70	bone	NA		2.6	1.0	0.7			1	frag	worked bone
7117	1986	1x2m	S13/E14	60-70	shell	marine shell							3	frag	
7118	1986	1x2m	S13/E14	60-70	bone	NA							1	frag	fish
7119	1981	1x2m	S13/E14	30-40	bone	NA							1	frag	worked
7120	1982	1x2m	1	80-90	bone	awl		2.0	1.0	0.8			1	frag	lt. Brown/ grey
7122	1983	1x2m	1	70-80	bone	NA		1.8	0.3	0.3			1	frag	polished and abraded bon
7123	1983	1x2m	1	70-80	bone	NA		1.7	0.8	0.1			1	frag	polished and abraded bon
7124	1982	1x2m	1	20-30	bone	NA		1.7	0.6	0.7			1	frag	abraded bone fragment
7125	1982	1x2m	1	20-30	shell	marine shell		1.0	0.7	0.1		0.3	1	frag	burnt olivella
7127	1983	1x2m	1	40-50	bone	NA		3.7	1.5	0.7			1	frag	striation
7128	1982	1x2m	1	10-20	bone	pipe		2.0	1.3	0.2			1	frag	residue removed to vial
7129	1988	1x2m	1	10-20	bone	awl		1.6	0.7	0.4			1	frag	possible awl fragment
7130	1982	1x2m	1	10-20	bone	NA		2.0	1.1	0.3			1	frag	
7131	1981	1x2m	1	50-60	flakedstone	debitage	varied					0.7	8	frag	0.3 quartz, 4 basalt, 1 fels

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7132	1981	1x2m	1	50-60	flakedstone	debitage	basalt	0.8	0.5	0.1			1	frag	micro-flake
7133	1981	1x2m	1	50-60	bone	NA		3.0	0.3	0.4			1	frag	altered bone
7134	1981	1x2m	1	50-60	bone	NA		2.9	1.2	0.4			1	frag	
7135	1986	1x2m	1	70-80	bone	NA		2.8	0.8	0.6			1	frag	
7136	1982	1x2m	1	70-80	bone	awl		2.5	0.6	0.3			1	frag	bone awl tip
7137	1983	1x2m	1	110-120	flakedstone	debitage	basalt	0.8	0.7	0.1			1	frag	
7138	1983	1x2m	1	110-120	bone	NA		2.4					1	frag	awl base
7139	1983	1x2m	1	110-120	bone	NA		1.8	1.1	0.8			1	frag	
7140	1986	1x2m	1	110-120	bone	NA		4.0	0.7	0.4			1	frag	polished bone fragment
7141	1986	1x2m	1	110-120	bone	NA		2.8	0.6	0.8			1	frag	polished bone fragment
7142	1983	1x2m	1	20-30	bone	NA		2.6	0.7	0.3			1	frag	awl fragment
7143	1982	1x2m	1	20-30	bone	NA		0.6	0.5	0.4			1	frag	striation
7144	1981	1x2m	1	surface	shell	marine shell						1.2	6	frag	1 chione(u), .3g, 1 chione
7145	1981	1x2m	1	20-30	shell	marine shell						13.4	19	frag	3 chione © 6.4g, 3 chione
7146	1983	1x2m	1	40-50	shell	marine shell						0.5	1	frag	manufactured cut
7147	1982	1x2m	1	30-40	shell	NA		2.1	0.3	0.3			1	frag	possible awl fragment
7148	1982	1x2m	1	20-30	bone	NA		1.3	0.4	0.4			1	frag	abraded and polished frag
7149	1986	1x2m	1	40-50	shell	marine shell						7.3	21	frag	tan
7150	1982	1x2m	1	40-50	bone	NA		2.2	0.6	0.5			1	frag	brn./dk grey
7151	1982	1x2m	1	40-50	bone	NA		1.8	0.7	0.3			1	frag	awl tip
7152	1982	1x2m	1	40-50	flakedstone	debitage		0.6	0.5	0.1			1	frag	whit
7153	1982	1x2m	1	20-30	shell	NA						2.2	3	frag	1 snail 3g, 2 unidentified
7154	1986	1x2m	1	80-90	shell	NA						0.6	3	frag	
7155	1983	1x2m	1	80-90	shell	marine shell							22	frag	15 unidentified 1.89g, 2 d
7156	1984	1x2m	1	90-100	bone	NA							1	frag	worked polished bone
7157	1983	1x2m	1	70-80	shell	marine shell						4.6	17	frag	4 pecten 1.0g, 2 snail .3g,
7158	1983	1x2m	1	70-80	bone	NA		11.5	1.1	0.4			1	frag	striated/altered
7159	1982	1x2m	1	20-30	bone	NA		3.0	0.7	0.5			1	frag	striated round and ploishe
7160	1982	1x2m	1	20-30	bone	NA		1.0	0.8	0.4			1	frag	awl fragment
7161	1986	1x2m	1	30-40	bone	NA		1.6	0.5	0.4			1	frag	worked/round/striated
7162	1981	1x2m	1	0-10	bone	NA		1.9	0.4	0.4			1	frag	abraded/round/striated
7163	1982	1x2m		60-70	shell	marine shell						41.4	95	frag	6 chione (c) 10.6g, 18 chi
7164	1982	1x2m	1	30-40	bone	NA		1.4	0.7	0.4			1	frag	polished, possibly cut
7165	1982	1x2m	1	60-70	bone	NA		2.0	1.2	0.8			1	frag	abraded/worked/round/str
7166	1982	1x2m	1	60-70	shell	marine shell		0.7	0.6	0.1		0.1	1	frag	sea urchin
7167	1982	1x2m	1	60-70	bone	NA		3.1	1.0	0.4			1	frag	abraded/round/striated
7168	1982	1x2m	1	70-80	shell	marine shell						15.0	29	frag	6 chione © 10g, 3 chione

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7169	1982	1x2m	1	60-70	bone	NA		1.5	0.8	0.7			1	frag	polished
7170	1982	1x2m	1	60-70	flakedstone	debitage	basalt	2.3	0.4	0.2			1	frag	blade
7171	1983	1x2m	1	100-110	shell	marine shell						3.8	11	frag	3 pecten .3g, 8 unidentifie
7172	1983	1x2m	1	100-110	bone	NA		1.1	0.8	0.2			1	frag	brown/polished/round/pol
7173	1982	1x2m	1	90-100	bone	NA		3.5	0.9	0.7			1	frag	polished
7174	1982	1x2m	1	90-100	bone	NA		1.6	0.5	0.3			1	frag	polished/worked/round/st
7175	1982	1x2m	1	90-100	bone	NA		1.7	0.7	0.2			1	frag	abraded/polished
7176	1982	1x2m	1	90-100	bone	NA		2.0	0.6	0.4			1	frag	possible awl
7177	1983	1x2m	1	120-130	bone	NA		1.0	0.3	0.3			1	frag	possible awl tip
7178	1983	1x2m	1	80-90	bone	NA		2.1	0.7	0.4			1	frag	abraded/possible awl/burn
7179	1984	1x2m	1	110-120	bone	NA		3.9	1.0	0.7			1	frag	polished/ abraded/round/
7180	1984	1x2m	1	110-120	bone	NA		2.7	1.1	0.3			1	frag	possible net shuttle/worke
7181	1984	1x2m	1	110-120	bone	NA		2.6	1.0	0.6			1	frag	polished/abraded
7182	1984	1x2m	1	110-120	bone	NA		2.1	0.9	0.5			1	frag	worked/round
7183	1984	1x2m	1	110-120	bone	NA		2.0	0.6	0.3			1	frag	polished/brn
7184	1982	1x2m	1	40-50	bone	NA		1.2	0.7	0.6			1	frag	abraded/striated/round
7185	1982	1x2m	1	40-50	bone	NA		2.3	0.8	0.2			1	frag	polished/round/striated
7186	1982	1x2m	1	40-50	bone	NA		2.0	1.0	0.3			1	frag	cut/altered
7187	1982	1x2m	1	40-50	bone	NA		1.5	0.8	0.3			1	frag	butchered/food refuse
7188	1982	1x2m	1	40-50	bone	NA		2.1	0.5	0.4			1	frag	worked/round/striated
7189	1982	1x2m	1	50-60	bone	NA		1.9	0.5	0.5			1	frag	worked/round/striated
7190	1982	1x2m	1	50-60	bone	NA		1.7	1.2	0.4			1	frag	cut and burned bone
7191	1981	1x2m	1	20-30	bone	NA		1.6	0.7	0.6			1	frag	fossilized/abraded
7192	1982	1x2m	1	50-60	bone	NA		3.5	0.9	0.5			1	frag	polished/possibly cut
7193	1982	1x2m	1	50-60	bone	NA		2.3	0.3	0.3			1	frag	polished
7194	1982	1x2m	1	50-60	bone	NA		1.9	0.6	0.4			1	frag	polished
7195	1982	1x2m	1	50-60	bone	NA		3.4	1.0	0.4			1	frag	abraded
7196	1983	1x2m	1	30-40	flakedstone	debitage	obsidian	0.8	0.5	0.1			1	frag	dk grey
7197	1983	1x2m	1	40-50	bone	NA		1.1	1.1	0.5			1	frag	worked-round/striated
7198	1983	1x2m	1	40-50	bone	NA		1.8	1.1	0.3			1	frag	polished/striation
7200	1983	1x2m	1	40-50	bone	NA		1.5	0.7	0.2			1	frag	worked bone-flat/striated
7201	1984	1x2m	1	50-60	bone	NA		2.0	1.0	1.0			1	frag	polished/abraded
7202	1984	1x2m	1	50-60	pottery	ColoradoBuff		2.0	0.9	0.4			1	frag	desert buff
7203	1981	1x2m	1	10-20	shell	marine shell						1.4	9	frag	chione -1 © .5g,
7204	1981	1x2m	1	20-30	shell	NA						19.8	23	frag	tan
7205	1986	1x2m	1	50-60	shell	marine shell						18.1	50	frag	7-chione 7.2g, 3-pecten .4
7206	1985	1x2m	1	120-130	flakedstone	debitage	varied					9.0	10	frag	6 basalt 5g, 2quartz .5g, 1

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7207	1985	1x2m	1	90-100	bone	NA							1	frag	polished/dk grey
7208	1986	1x2m	1	0-10	shell	marine shell						3.3	1	frag	chione/altered
7209	1985	1x2m	1	110-120	bone	NA							102	frag	90-130 cm
7210	1985	1x2m	1	120-130	flakedstone	debitage	granitic	3.0	2.5	0.4			1	frag	altered round edges
7211	1981	1x2m	1	10-20	shell	marine shell						19.0	56	frag	chione-5 7.2g,
7212	1985	1x2m	1	110-120	shell	marine shell						4.1	22	frag	19-donax gouldii 3.7g,
7213	1985	1x2m	1	100-110	charcoal	NA						4.6	1	frag	dk grey
7214	1986	1x2m	1	30-40	bone	NA							46	frag	flotation
7215	1986	1x2m	1	30-40	flakedstone	debitage	varied						5	frag	5 cm levels
7216	1986	1x2m	1	30-40	charcoal	NA						3.8	2	frag	dk grey
7217	1986	1x2m	1	30-40	shell	marine shell						1.0	15	frag	6 donax .4g, 3 pecten .3g,
7218	1986	1x2m	1	20-30	bone	NA							37	frag	flotation column
7219	1986	1x2m	1	20-30	flakedstone	debitage	quartzite						3	frag	quartz crystal/clear
7220	1986	1x2m	S8/E6	30-40	shell	marine shell						3.2	14	frag	12 donax gouldii 2.4g, 1 c
7221	1986	1x2m	1	20-30	charcoal	NA						2.4	8	frag	5cm/flotation column
7222	1985	1x2m	1	60-70	bone	NA							646	frag	
7223	1985	1x2m	1	60-70	shell	NA						59.3	184	frag	23 unidentified
7224	1986	1x2m	1	60-70	charcoal	NA						24.8	9999	frag	dk grey
7225	1985	1x2m	1	60-70	flakedstone	debitage	varied					38.1	83	frag	41 basalt 14.5g, 2 felsite .
7226	1985	1x2m	1	60-70	flakedstone	core	basalt	4.6	4.0	3.5			1	frag	dk grey
7227	1985	1x2m	1	60-70	flakedstone	core	quartz	3.1	2.0	2.5			1	frag	white/clear
7228	1981	1x2m	1	10-20	shell	marine shell	varied					7.0	23	frag	3 chione 1.2g,
7229	1985	1x2m	1	60-70	flakedstone	projectilept	quartz	2.6	1.6	0.5			1	com	smoky grey
7230	1985	1x2m	1	60-70	flakedstone	debitage	quartz	1.5	1.0	0.3			1	frag	possible utilized flake
7231	1985	1x2m	1	60-70	flakedstone	debitage	basalt	1.2	1.3	0.2			1	frag	dk grey
7232	1985	1x2m	1	60-70	flakedstone	core	MVaphanitic	6.8	2.8	4.5			1	frag	grey
7233	1985	1x2m	1	60-70	flakedstone	scraper	quartzite	5.0	2.5	1.4			1	com	light/dk grey
7234	1985	1x2m	1	60-70	flakedstone	debitage	quartzite	2.8	2.8	1.0			1	frag	cobble
7235	1985	1x2m	S9/E6	60-70	flakedstone	debitage	basalt	0.8	0.7	0.2			1	frag	dk grey
7237	1986	1x2m	1	40-50	shell	marine shell						68.8	297	frag	2 chione cal .8g,
7238	1985	1x2m	1	60-70	flakedstone	projectilept	chalcedony	1.0	0.6	0.1			1	frag	blade flake
7239	1985	1x2m	1	60-70	flakedstone	debitage	basalt	0.9	0.5	0.1			1	frag	blade flake
7240	1985	1x2m	1	60-70	flakedstone	debitage	green	1.0	0.7	0.1			1	frag	felsite
7241	1985	1x2m	1	60-70	bone	NA		8.4	2.4	0.4			1	frag	altered/tan
7242	1985	1x2m	1	60-70	bone	NA		1.9	1.0	0.4			1	frag	striated/polished
7243	1985	1x2m	1	40-50	shell	marine shell						97.8	334	frag	18 chione cal 25.9g,
7244	1985	1x2m	1	60-70	bone	NA		2.5	0.7	0.4			1	frag	worked bone/rounded/stri

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7245	1985	1x2m	1	40-50	charcoal	NA						23.8	9999	frag	grey
7246	1985	1x2m	1	60-70	bone	NA		1.2	0.4	0.2			1	frag	dk grey
7247	1985	1x2m	1	30-40	charcoal	NA						5.5	9999	frag	
7248	1986	1x2m	1	30-40	shell	marine shell						38.5	159	frag	tan
7249	1985	1x2m	1	60-70	pottery	TizonBrown		2.3	2.0	0.4			1	frag	
7250	1985	1x2m	1	60-70	bone	NA		2.2	1.4	0.9			1	frag	butchered/striations
7251	1985	1x2m	1	60-70	bone	NA		3.3	0.7	0.4			1	frag	polished/abraded
7252	1985	1x2m	1	60-70	bone	NA		3.0	0.6	0.4			1	frag	polished/brown
7253	1985	1x2m	1	40-50	shell	marine shell						1.8	8	frag	4 donax .4g, 1 chiton .1g,
7254	1985	1x2m	1	50-60	shell	marine shell						78.8	346	frag	8 chione cal 6.9g, 22 chio
7255	1985	1x2m	S5/E6	80-90	shell	marine shell						9.6	45	frag	
7256	1985	1x2m	S9/E8	40-50	charcoal	NA						24.1	9999		
7257	1985	1x2m	S9/E8	40-50	charcoal	NA						7.3	9999		from ash lense
7258	1985	1x2m	S9/E8	40-50	shell	marine shell						102.4	282	frag	
7259	1985	1x2m	S9/E8	40-50	shell	marine shell						7.7	25	frag	from ash lense
7260	1985	1x2m	S9/E8	50-60	charcoal	NA						23.8	9999		
7261	1985	1x2m	S9/E8	50-60	charcoal	NA						1.2	9999		from ash lense
7262	1985	1x2m	S9/E8	50-60	shell	marine shell						98.4	202	frag	
7263	1985	1x2m	S9/E8	50-60	shell	marine shell						10.2	25	frag	from ash lense
7264	1986	1x2m	S9/E8	70-80	groundstone	hammr/grindr	granitic	16.0	12.0	6.0			1		
7265	1985	1x2m	S9/E8	60-70	charcoal	NA						10.2	9999		
7266	1986	1x2m	S9/E8	70-80	charcoal	NA						19.5	9999		
7267	1985	1x2m	S9/E8	60-70	shell	marine shell						46.9	109	frag	
7268	1986	1x2m	S9/E8	70-80	shell	marine shell						33.2	74	frag	
7269	1985	1x2m	S13/E6	90-100	charcoal	NA						26.0	9999		
7270	1985	1x2m	S13/E6	90-100	shell	marine shell						74.8	189	frag	
7271	1985	1x2m	S9/E8	40-50	bone	NA							243	frag	
7272	1985	1x2m	S9/E8	40-50	pottery	TizonBrown							27		
7273	1985	1x2m	S13/E8	60-70	charcoal	NA						60.9	9999		
7274	1985	1x2m	S13/E8	60-70	shell	marine shell						133.6	521	frag	
7275	1985	1x2m	S9/E8	40-50	pottery	ColoradoBuff		2.5	2.3	0.5			1		
7276	1985	1x2m	S9/E8	40-50	flakedstone	scraper	basalt	5.6	4.3	1.0			1		
7277	1985	1x2m	S9/E8	40-50	flakedstone	utilizedflake	basalt	3.0	2.5	0.2			1		
7278	1985	1x2m	S9/E8	40-50	flakedstone	utilizedflake	quartzite	2.5	1.8	0.3			1		
7279	1985	1x2m	S9/E8	40-50	flakedstone	utilizedflake	basalt	2.6	1.9	0.4			1		
7280	1985	1x2m	S9/E8	40-50	flakedstone	debitage	basalt	2.0	1.0	0.3			1		
7281	1985	1x2m	S9/E8	40-50	flakedstone	debitage	basalt	1.3	1.0	0.1			1		

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7282	1985	1x2m	S9/E8	40-50	flakedstone	debitage	chalcedony	2.5	1.4	0.3			1		
7283	1985	1x2m	S9/E8	40-50	flakedstone	debitage	basalt	2.1	1.7	0.3			1		
7284	1985	1x2m	S9/E8	40-50	groundstone	mano	granitic	5.5	3.8	2.0			1	frag	
7285	1985	1x2m	S9/E8	40-50	flakedstone	core	chalcedony	3.1	1.9	1.5			1	frag	
7286	1985	1x2m	S9/E8	40-50	flakedstone	debitage	varied					72.9	105		
7287	1985	1x2m	S9/E8	40-50	flakedstone	core	chert	6.8	5.1	2.5			1	frag	
7288	1985	1x2m	S9/E8	40-50	bone	NA		2.4	0.7	0.1			1		polished
7289	1985	1x2m	S9/E8	40-50	pottery	TizonBrown							2		
7290	1985	1x2m	S9/E8	40-50	bone	NA							31	frag	
7291	1985	1x2m	S9/E8	40-50	flakedstone	utilizedflake	basalt	2.3	1.4	0.1			1		
7292	1985	1x2m	S9/E8	40-50	flakedstone	debitage	basalt	1.3	1.2	0.1			1		
7293	1985	1x2m	S9/E8	40-50	flakedstone	debitage	varied					5.9	12		
7294	1985	1x2m	S9/E8	50-60	pottery	TizonBrown							21		
7295	1985	1x2m	S9/E8	50-60	bone	NA							159	frag	
7296	1985	1x2m	S9/E6	60-70	bone	NA							10	frag	
7297	1985	1x2m	S13/E12	40-50	bone	NA		0.3	0.3	0.3			1		fish vertebra
7298	198?	1x2m	S9/E6	70-80	bone	NA		1.9	1.1	0.7			1		polished and abraded
7299	198?	1x2m	S9/E6	70-80	bone	awl		1.6	1.4	0.9			1	frag	
7300	198?	1x2m	S13/E12	40-50	bone	NA		2.5	1.5	0.3			1		polished
7301	198?	1x2m	S13/E12	40-50	bone	NA		2.5	0.7	0.6			1	frag	polished and striated
7302	198?	1x2m	S13/E12	40-50	bone	NA		1.7	0.4	0.3			1	frag	polished and abraded
7304	198?	1x2m	S13/E12	40-50	bone	awl		2.4	0.6	0.5			1	frag	
7305	198?	1x2m	S13/E12	40-50	bone	NA		4.2	1.6	0.3			1		
7306	198?	1x2m	S13/E8	60-70	bone	NA		1.2	0.5	0.1			1	frag	possible net shuttle
7307	198?	1x2m	S13/E8	60-70	bone	NA		2.2	1.0	0.2			1		abraded
7308	198?	1x2m	S13/E8	60-70	bone	NA		1.1	0.7	0.1			1	frag	polished and abraded
7309	198?	1x2m	S13/E6	80-90	bone	awl		1.9	0.5	0.3			1	frag	
7310	1985	1x2m	S13/E8	60-70	bone	NA							2295	frag	
7311	1981	1x2m	S17/E12	surface	shell	marine shell						5.0	10	frag	
7312	1982	1x2m	S17/E12	10-20	shell	marine shell		1.3	0.7	0.1		0.3	1		Olivella
7315	198?	1x2m	S13/E8	60-70	bone	NA							1	frag	polished
7316	198?	1x2m	S13/E8	60-70	flakedstone	debitage	basalt	1.2	0.6	0.2			1		
7317	198?	1x2m	S13/E8	60-70	flakedstone	debitage	basalt	0.7	0.5	0.2			1		
7318	198?	1x2m	S13/E8	60-70	flakedstone	debitage	varied						215		
7319	198?	1x2m	S13/E8	60-70	flakedstone	debitage	unidentified	1.9	0.7	0.3			1		
7320	198?	1x2m	S13/E8	60-70	bone	NA		1.1	1.1	0.6			1	frag	
7321	198?	1x2m	S13/E8	60-70	bone	NA		0.7	0.4	0.1			1		fish otolith

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7322	198?	1x2m	S13/E8	60-70	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
7323	198?	1x2m	S13/E8	60-70	flakedstone	debitage	basalt	0.9	0.6	0.1			1		
7324	198?	1x2m	S13/E8	60-70	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
7325	198?	1x2m	S13/E8	60-70	flakedstone	debitage	unidentified	1.0	0.5	0.1			1		
7326	198?	1x2m	S13/E8	60-70	flakedstone	debitage	unidentified	0.5	0.5	0.1			1		
7327	1986	1x2m	S13/E8	60-70	flakedstone	debitage	basalt	1.0	0.9	0.1			1		
7328	198?	1x2m	S13/E8	60-70	flakedstone	debitage	unidentified	0.5	0.3	0.1			1		
7329	198?	1x2m	S13/E8	60-70	flakedstone	debitage	basalt	0.9	0.6	0.1			1		
7330	198?	1x2m	S13/E8	60-70	flakedstone	debitage	green	0.7	0.6	0.1			1		
7331	1985	1x2m	S13/E8	60-70	flakedstone	utilizedflake	basalt	1.6	1.4	0.1			1		
7332	1985	1x2m	S13/E8	60-70	flakedstone	utilizedflake	chert	1.5	0.9	0.1			1		
7333	1985	1x2m	S13/E8	60-70	flakedstone	utilizedflake	basalt	1.8	1.9	0.3			1		
7334	1985	Surface	Path	surface	groundstone	mano	granitic	8.6	6.1	6.2			1		
7335	1985	1x2m	S13/E8	60-70	flakedstone	utilizedflake	green	1.6	1.7	0.4			1		
7336	1985	1x2m	S13/E8	60-70	flakedstone	scraper	unidentified	2.2	1.7	0.7			1		
7337	1985	1x2m	S13/E8	60-70	pottery	TizonBrown							8		
7338	1985	1x2m	S9/E6	40-50	bone	NA							1513	frag	
7339	1985	1x2m	S13/E8	60-70	other	other	schist	4.9	2.0	1.2			1	frag	
7341	1985	1x2m	S13/E8	60-70	flakedstone	core	quartz	7.0	5.4	4.5			1	frag	
7342	1985	1x2m	S13/E8	60-70	shell	bead		1.1	0.6	0.1			1		Olivella
7343	198?	1x2m	S9/E6	40-50	bone	NA							4	frag	polished
7344	1986	1x2m	S13/E6	100-110	flakedstone	projectilept	basalt	1.7	1.0	0.3			1		
7345	1986	1x2m	S9/E8	90-100	flakedstone	projectilept	green	3.9	2.0	0.3			1		
7346	1986	1x2m	S9/E8	90-100	flakedstone	projectilept	quartz	1.8	1.3	0.4			1	frag	
7347	1986	1x2m	S9/E8	70-80	flakedstone	projectilept	quartz	2.4	1.3	0.4			1	frag	
7348	1984	1x2m	S17/E12	100-110	bone	NA		2.8	1.7	0.6			1	frag	cranium
7349	1985	1x2m	S5/E6	80-90	charcoal	NA						19.2	9999		
7350	1985	1x2m	S5/E6	80-90	charcoal	NA							9999		
7351	1985	1x2m	S13/E6	90-100	bone	NA							1527	frag	
7352	1985	1x2m	S5/E6	80-90	bone	NA							252	frag	
7353	1985	1x2m	S5/E6	80-90	flakedstone	debitage	varied					8.6	36		
7354	1985	1x2m	S5/E6	80-90	bone	NA		1.1	0.4	0.2			1	fragment/b	abraded
7355	1985	1x2m	S5/E6	80-90	pottery	TizonBrown		2.4	1.6	0.5			1		
7356	1985	1x2m	S5/E6	80-90	flakedstone	scraper	basalt	2.7	2.3	0.9			1		
7357	1986	1x2m	S13/E8	60-70	charcoal	NA						4.6	9999		
7358	1986	1x2m	S13/E8	60-70	flakedstone	core	quartz	3.8	2.5	1.5			1	frag	
7359	1986	1x2m	S13/E8	60-70	flakedstone	core	basalt	6.4	2.4	2.5			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7360	1986	1x2m	S13/E8	60-70	flakedstone	core	quartz	4.5	4.0	3.8			1	frag	
7361	1986	1x2m	S13/E8	90-100	groundstone	metate	granitic	7.0	3.5	5.0			1	frag	
7363	1986	1x2m	S13/E8	60-70	flakedstone	core	green	6.0	5.2	2.8			1		
7364	1986	1x2m	S13/E8	60-70	flakedstone	core	quartzite	5.3	5.0	4.5			1		
7366	1985	1x2m	S13/E6	90-100	flakedstone	debitage	varied						149		
7367	1985	1x2m	S13/E6	90-100	pottery	TizonBrown							7		
7368	1985	1x2m	S13/E6	90-100	flakedstone	core	quartzite	7.1	6.8	2.4			1	frag	
7369	1985	1x2m	S13/E6	90-100	other	other	granitic	4.5	4.5	2.8			1	frag	cobble
7373	1985	1x2m	S13/E6	90-100	groundstone	mano	basalt	5.3	2.0	1.9			1	frag	
7374	1985	1x2m	S13/E6	90-100	bone	NA		1.5	1.1	0.1			1	frag	striated
7375	1985	1x2m	S13/E12	30-40	pottery	TizonBrown		2.5	2.5	0.4			1		rim sherd
7376	1985	1x2m	S13/E12	30-40	pottery	TizonBrown							11		
7378	1985	1x2m	S13/E12	30-40	flakedstone	utilizedflake	unidentified	2.2	1.8	0.2			1		
7379	1985	1x2m	S13/E12	30-40	bone	awl		2.0	1.0	0.3			1	frag	
7380	1985	1x2m	S13/E12	30-40	flakedstone	debitage	varied						35		
7381	1985	1x2m	S13/E12	30-40	flakedstone	debitage	chalcedony	0.7	0.4	0.1			1		
7382	1985	1x2m	S13/E12	30-40	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7383	1985	1x2m	S13/E12	30-40	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7384	1985	1x2m	S13/E12	30-40	bone	NA							230	frag	
7385	1985	1x2m	S13/E12	40-50	bone	NA							765	frag	
7386	1985	1x2m	S13/E12	40-50	pottery	TizonBrown							13		
7388	1985	1x2m	S13/E12	40-50	bone	NA		2.1	0.5	0.3			1	frag	cut
7389	198?	1x2m	S13/E12	30-40	flakedstone	scraper	basalt	5.0	3.0	1.0			1		
7391	1985	1x2m	S9/E6	40-50	shell	marine shell						29.8	183	frag	
7392	1985	1x2m	S13/E12	40-50	flakedstone	debitage	varied						97		
7393	1985	1x2m	S13/E12	40-50	flakedstone	debitage	basalt	1.0	0.5	0.1			1		
7394	1985	1x2m	S9/E6	50-60	charcoal	NA						20.9	9999		
7395	1985	1x2m	S13/E12	40-50	flakedstone	debitage	basalt	0.5	0.5	0.1			1		
7396	1986	1x2m	S9/E8	80-90	charcoal	NA						1.9	9999		
7397	1985	1x2m	S13/E12	40-50	flakedstone	debitage	basalt	0.6	0.4	0.1			1		
7398	1985	1x2m	S13/E12	40-50	flakedstone	debitage	quartzite	0.8	0.6	0.2			1		
7399	1986	1x2m	S9/E8	80-90	shell	marine shell						19.3	33	frag	
7400	1985	1x2m	S13/E12	40-50	flakedstone	scraper	basalt	3.7	3.0	0.3			1		
7401	1986	1x2m	S17/E4	120-130	charcoal	NA						1.9	9999		
7402	1985	1x2m	S13/E12	40-50	flakedstone	utilizedflake	basalt	1.8	1.0	0.1			1		
7403	1985	1x2m	S17/E4	120-130	shell	marine shell						18.8	48		
7405	1985	1x2m	S17/E4	120-130	shell	marine shell						2.9	5	frag	

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7407	1985	1x2m	S17/E4	120-130	shell	marine shell						3.3	13	frag	
7408	1985	1x2m	S13/E12	40-50	flakedstone	core	basalt	5.5	4.3	2.0			1	frag	
7409	1985	1x2m	S13/E12	40-50	flakedstone	chopper	basalt	9.2	6.8	2.8			1		
7410	1985	1x2m	S13/E12	40-50	FAR	NA	unidentified	8.0	4.2	3.7			1		
7411	1985	1x2m	S18/W2	60-70	charcoal	NA						107.8	9999		
7412	1985	1x2m	S18/W2	60-70	shell	marine shell						26.1	62		
7413	1985	1x2m	S18/W2	70-80	charcoal	NA						56.8	9999		
7414	1985	1x2m	S18/W2	70-80	shell	marine shell						21.6	37	frag	
7415	1985	1x2m	S18/W2	70-80	shell	bead		1.2	0.7	0.1		0.4	1		Olivella
7416	1985	1x2m	S18/W2	80-90	charcoal	NA						38.9	9999		
7417	198?	1x2m	S18/W2	80-90	shell	marine shell						6.0	21	frag	
7418	198?	1x2m	S13/E12	30-40	flakedstone	scraper	basalt	4.2	3.2	0.7			1		
7419	1985	1x2m	S13/E12	30-40	flakedstone	debitage	obsidian	0.8	0.4	0.1			1		
7420	1985	1x2m	S13/E6	90-100	shell	bead		0.8	0.4	0.1			1		Olivella
7421	1986	1x2m	S13/E6	90-100	shell	bead		0.8	0.5	0.1			1		Olivella
7422	1986	1x2m	S9/E8	70-80	bone	NA		3.3	1.4	0.3			1	frag	net shuttle
7423	1985	1x2m	S18/W2	60-70	pottery	TizonBrown							15		
7424	1985	1x2m	S18/W2	60-70	bone	NA							49	frag	
7425	1985	1x2m	S18/W2	60-70	flakedstone	debitage	varied					71.1	90		
7426	1985	1x2m	S18/W4	70-80	charcoal	NA						4.7	9999		
7427	1985	1x2m	S18/W4	70-80	bone	NA							37	frag	
7428	1985	1x2m	S18/W4	70-80	flakedstone	debitage	varied					2.5	7		
7429	1985	1x2m	S18/W4	80-90	charcoal	NA						12.4	9999		
7431	1985	1x2m	S18/W4	80-90	pottery	TizonBrown							2		
7432	1985	1x2m	S18/W4	80-90	bone	NA							52	frag	
7433	1985	1x2m	S18/W4	80-90	flakedstone	debitage	varied						8		
7434	1985	1x2m	S18/W2	60-70	flakedstone	debitage	basalt	0.8	0.5	0.1			1		
7435	1985	1x2m	S18/W2	60-70	flakedstone	debitage	basalt	1.0	0.6	0.1			1		
7436	1985	1x2m	S18/W2	60-70	flakedstone	core	quartzite	6.6	4.8	2.2			1	frag	
7437	1985	1x2m	S18/W6	60-70	charcoal	NA						134.4	9999		
7438	1985	1x2m	S18/W6	60-70	pottery	TizonBrown							32		
7439	1985	1x2m	S18/W2	60-70	flakedstone	scraper	basalt	2.5	2.5	0.5			1		
7440	1985	1x2m	S18/W6	60-70	shell	marine shell						17.8	44	frag	
7441	1985	1x2m	S18/W6	60-70	bone	NA							703	frag	
7442	1985	1x2m	S18/W2	60-70	flakedstone	core	unidentified	5.2	3.5	4.0			1	frag	
7443	1985	1x2m	S18/W2	60-70	flakedstone	core	quartz	4.8	3.6	2.4			1	frag	
7444	1985	1x2m	S18/W6	60-70	pottery	ColoradoBuff		3.2	2.5	0.3			1		

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7445	1985	1x2m	S18/W6	60-70	flakedstone	debitage	varied						130		
7446	1985	1x2m	S18/W6	60-70	charcoal	NA						15.0	9999		hearth area
7447	1986	1x2m	S18/W2	80-90	bone	NA							304	frag	
7448	1985	1x2m	S18/W4	70-80	flakedstone	debitage	basalt	1.0	0.7	0.2			1		
7449	1985	1x2m	S18/W2	80-90	flakedstone	debitage	varied					12.5	19		
7450	1986	1x2m	S18/W2	80-90	pottery	TizonBrown							7		
7451	1985	1x2m	S18/W2	70-80	pottery	TizonBrown							11		
7452	1985	1x2m	S18/W2	70-80	flakedstone	debitage	varied					56.6	57		
7453	1986	1x2m	S18/W2	70-80	bone	NA							643	frag	
7454	1985	1x2m	S18/W6	60-70	pottery	TizonBrown							3		
7455	1985	1x2m	S18/W6	60-70	bone	NA							62	frag	
7456	1985	1x2m	S18/W6	60-70	flakedstone	debitage	chalcedony	0.6	0.6	0.1			1		
7457	1985	1x2m	S18/W6	60-70	flakedstone	debitage	basalt	0.8	0.5	0.1			1		
7458	1985	1x2m	S18/W6	60-70	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7459	1985	1x2m	S18/W6	60-70	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
7460	1985	1x2m	S18/W6	60-70	flakedstone	core	basalt	8.3	4.2	3.0			1	frag	
7461	1985	1x2m	S18/W6	60-70	flakedstone	core	basalt	7.5	6.5	3.2			1	frag	
7462	1985	1x2m	S18/W6	60-70	flakedstone	core	basalt	7.8	6.0	4.5			1		
7463	1985	1x2m	S18/W2	80-90	flakedstone	debitage	basalt	1.0	0.5	0.1			1		
7464	1985	1x2m	S18/W2	80-90	flakedstone	debitage	basalt	0.8	0.5	0.1			1		
7465	1985	1x2m	S18/W2	80-90	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7466	1985	1x2m	S18/W2	80-90	flakedstone	debitage	basalt	1.0	0.9	0.1			1		
7467	1985	1x2m	S18/W2	70-80	flakedstone	debitage	basalt	1.1	1.0	0.1			1		
7468	1985	1x2m	S18/W2	70-80	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7469	1985	1x2m	S18/W2	70-80	flakedstone	debitage	chalcedony	0.9	0.5	0.1			1		
7470	1985	1x2m	S18/W2	70-80	pottery	TizonBrown		2.5	1.5	0.5			1		
7471	1985	1x2m	S18/W2	70-80	other	other	basalt	8.0	5.2	1.3			1	frag	cobble
7472	1985	1x2m	S18/W2	70-80	other	other	quartzite	7.0	5.0	4.0			1	frag	cobble
7473	1985	1x2m	S18/W6	60-70	flakedstone	debitage	varied						7		hearth only
7474	1985	1x2m	S18/W6	60-70	flakedstone	utilizedflake	basalt	2.5	1.5	0.2			1		
7477	1985	1x2m	S17/E4	120-130	bone	NA							84	frag	
7478	1985	1x2m	S17/E4	120-130	flakedstone	debitage	varied						10		
7479	1985	1x2m	S17/E4	120-130	bone	NA							16	frag	
7480	1985	1x2m	S17/E4	120-130	flakedstone	debitage	varied						6		
7481	1985	1x2m	S17/E4	120-130	bone	NA							45	frag	
7482	1985	1x2m	S17/E8	100-110	shell	marine shell						15.3	18	frag	
7483	1985	1x2m	S17/E8	100-110	bone	NA							9	frag	

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7484	1985	1x2m	S17/E8	100-110	pottery	TizonBrown							5		
7485	1985	1x2m	S17/E8	100-110	flakedstone	debitage	varied						12		
7486	1985	1x2m	S17/E8	110-120	flakedstone	debitage	varied						10		
7487	1985	1x2m	S17/E8	110-120	bone	NA							3	frag	
7488	1985	1x2m	S17/E8	110-120	shell	marine shell						2.4	2	frag	
7489	1985	1x2m	S17/E8	110-120	pottery	TizonBrown		1.9	1.5	0.5			1		
7490	1984	1x2m	S18/W4	50-60	bone	NA		4.3	0.9	0.4			1	fragment/b	polished and striated
7491	1984	1x2m	S18/W4	50-60	bone	NA		2.0	0.9	0.5			1	fragment/b	
7492	1982	1x2m	S18/W4	20-30	bone	NA		3.0	1.3	0.2			1	fragment/b	polished and striated
7493	1982	1x2m	S18/W4	20-30	bone	NA		4.3	0.7	0.2			1	frag	polished and abraded
7494	1982	1x2m	S18/W4	20-30	bone	awl		3.1	1.5	0.4			1	frag	
7495	198?	1x2m	S18/W2	60-70	bone	NA		1.7	1.5	0.5			1	frag	cranium
7496	1983	1x2m	S18/W4	20-30	bone	NA		3.2	0.6	0.5			1	frag	polished
7497	1983	1x2m	S18/W4	20-30	bone	awl		3.0	0.8	0.3			1	frag	
7498	1983	1x2m	S18/W4	20-30	bone	NA		1.6	0.9	0.3			1	frag	polished and striated
7499	1982	1x2m	S9/E6	20-30	flakedstone	debitage	varied					1.7	15		
7500	1982	1x2m	S9/E6	20-30	flakedstone	debitage	green	0.8	0.7	0.1			1		
7501	1982	1x2m	S9/E6	20-30	flakedstone	debitage	basalt	0.5	0.4	0.1			1		
7502	1982	1x2m	S9/E6	20-30	flakedstone	debitage	basalt	0.7	0.6	0.1			1		
7503	1982	1x2m	S9/E6	20-30	flakedstone	debitage	basalt	1.0	0.8	0.2			1		
7504	1982	1x2m	S9/E6	20-30	bone	awl		2.8	0.5	0.5			1	frag	
7505	1982	1x2m	S9/E6	20-30	bone	awl		1.4	0.5	0.2			1	fragment/b	polished
7506	1981	1x2m	S13/E6	10-20	bone	NA		2.6	1.0	0.7			1	frag	polished and striated
7507	1981	1x2m	S13/E6	10-20	bone	awl		2.3	0.9	0.6			1	frag	rounded/striated
7508	1981	1x2m	S13/E6	10-20	bone	NA		1.9	0.8	0.3			1	frag	polished
7509	1981	1x2m	S13/E6	10-20	bone	NA		1.4	0.6	0.3			1	frag	polished and striated
7510	1982	1x2m	S13/E6	30-40	bone	NA		2.0	0.9	0.5			1	frag	polished and striated
7511	1982	1x2m	S13/E6	30-40	bone	NA		1.4	0.7	0.4			1	frag	striated
7512	1982	1x2m	S13/E6	40-50	bone	NA		3.2	1.3	0.3			1	frag	flat/striated
7513	1982	1x2m	S13/E6	40-50	bone	NA		1.3	0.7	0.3			1	fragment/b	round/striated
7514	1982	1x2m	S13/E6	40-50	bone	NA		1.2	0.5	0.2			1	frag	poliished and striated
7515	1982	1x2m	S13/E6	40-50	bone	NA		8.9	1.3	0.6			1	frag	striated
7517	1982	1x2m	S13/E6	50-60	bone	awl		4.0	0.7	0.4			1	frag	
7518	1983	1x2m	S13/E6	50-60	bone	NA		1.3	0.8	0.3			1	frag	possible shuttle
7519	1983	1x2m	S13/E6	50-60	bone	awl		2.8	0.9	0.3			1	frag	
7520	1983	1x2m	S13/E6	60-70	bone	NA		2.2	0.4	0.3			1	frag	flat/striated
7521	198?	1x2m	S14/E2	surface	shell	marine shell						1.5	3	frag	

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7522	198?	1x2m	S14/W8	100-110	pottery	TizonBrown		1.9	1.5	0.4			1		
7523	1983	1x2m	S13/E6	60-70	bone	NA		3.2	1.9	0.5			1	frag	possible shuttle
7524	1983	1x2m	S13/E6	60-70	bone	NA		2.7	0.7	0.4			1	frag	round/striated
7525	1983	1x2m	S13/E6	60-70	bone	NA		1.6	1.0	0.3			1	frag	polished
7526	1983	1x2m	S13/E6	60-70	bone	awl		1.2	0.8	0.3			1	frag	
7527	1983	1x2m	S13/E6	60-70	bone	NA		1.4	0.8	0.1			1	fragment/b	polished
7528	1983	1x2m	S13/E6	60-70	bone	NA		2.0	0.7	0.2			1	frag	polished
7529	1984	1x2m	S13/E6	70-80	bone	NA		1.8	0.5	0.2			1	frag	polished and abraded
7530	1984	1x2m	S13/E6	70-80	bone	awl		1.0	0.4	0.2			1	frag	flat/striated
7531	1982	1x2m	S13/E6	30-40	bone	awl		1.1	0.7	0.4			1	frag	
7532	198?	1x2m	S14/W8	100-110	bone	NA		0.8	0.8	0.1			1		fish vertebra
7533	1982	1x2m	S26/W12	80-90	shell	marine shell						10.2	28	frag	
7534	1983	1x2m	S14/E2	30-40	shell	bead		1.5	0.8	0.1			1		Olivella
7535	1983	1x2m	S14/E2	30-40	shell	bead		1.6	0.9	0.1			1		Olivella
7536	1983	1x2m	S14/E2	30-40	shell	bead		1.5	0.9				1		Olivella
7537	1982	1x2m	S13/E6	20-30	bone	awl		2.2	0.6	0.2			1	frag	flat/striated
7538	1982	1x2m	S13/E6	20-30	bone	awl		1.4	0.9	0.6			1	frag	rounded/striated
7539	1982	1x2m	S13/E6	20-30	bone	awl		2.0	1.2	0.5			1	frag	rounded/striated
7540	1982	1x2m	S13/E6	20-30	bone	awl		1.8	0.5	0.3			1	frag	polished
7541	1982	1x2m	S13/E6	20-30	bone	NA		1.7	0.3	0.1			1		polished
7542	1982	1x2m	S13/E6	20-30	bone	NA		2.1	0.5	0.1			1	frag	polished
7543	1981	1x2m	S13/E10	10-20	bone	awl		1.8	0.8	0.8			1	frag	rounded/striated
7544	1981	1x2m	S13/E10	10-20	bone	awl		1.0	1.3	0.2			1	frag	flat/striated
7545	1982	1x2m	S13/E10	30-40	bone	NA		2.0	1.4	0.4			1	frag	striated
7546	1982	1x2m	S13/E10	30-40	bone	NA		2.1	1.0	0.5			1	frag	rounded/striated
7547	1982	1x2m	S13/E10	60-70	bone	awl		1.2	0.7	0.4			1	frag	flat/striated
7548	1982	1x2m	S13/E10	50-60	bone	NA		2.1	1.2	0.5			1	frag	polished
7549	1982	1x2m	S13/E10	50-60	bone	NA		2.0	0.5	0.3			1	fragment/b	flat/striated
7550	1982	1x2m	S17/E10	70-80	bone	NA		2.2	1.0	0.6			1	frag	butchered
7551	1982	1x2m	S17/E10	70-80	bone	NA		1.2	0.6	0.5			1	frag	polished
7552	1982	1x2m	S17/E14	20-30	bone	NA		1.8	0.7	0.5			1	frag	flat/striated
7553	1982	1x2m	S17/E14	60-70	bone	awl		2.5	0.6	0.5			1	frag	
7555	1982	1x2m	S18/W8	50-60	bone	NA		7.8	1.3	0.6			1	frag	rounded/striated
7556	1983	1x2m	S18/W4	40-50	bone	NA		2.0	2.0	1.0			1	frag	polished
7557	1983	1x2m	S18/W4	40-50	bone	NA		2.3	1.2	1.0			1	frag	rounded/striated
7558	1983	1x2m	S18/W4	40-50	pottery	TizonBrown		1.3	0.5	0.3			1		
7559	1981	1x2m	S22/W0	0-10	bone	NA		3.4	1.0	0.5			1	frag	rounded/striated

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7560	1981	1x2m	S22/W0	0-10	bone	awl		1.9	0.5	0.3			1	frag	rounded/striated
7561	1981	1x2m	S22/W0	0-10	bone	awl		2.0	0.5	0.3			1	frag	rounded/striated
7562	1981	1x2m	S22/W0	0-10	bone	NA		2.0	0.5	0.3			1	frag	polished
7563	1981	1x2m	S22/W0	0-10	bone	NA		1.5	0.9	0.5			1	frag	abraded
7564	1981	1x2m	S22/W0	0-10	bone	NA		1.1	1.0	0.5			1	frag	cranium
7565	1981	1x2m	S22/W0	20-30	bone	NA		7.4	2.5	1.0			1	frag	rounded/striated
7566	1981	1x2m	S22/W0	20-30	bone	NA		2.0	1.2	0.6			1	frag	
7567	1982	1x2m	S22/W0	30-40	bone	NA		0.8	0.5	0.1			1	frag	striated
7568	1982	1x2m	S22/W0	30-40	bone	NA		2.0	0.7	0.2			1	fragment/b	polished
7569	1982	1x2m	S22/W0	30-40	bone	awl		1.2	0.3	0.2			1	frag	polished
7570	1982	1x2m	S22/W0	50-60	bone	NA		1.5	0.7	0.5			1	fragment/b	rounded/striated
7571	1982	1x2m	S22/W0	50-60	bone	NA		3.4	0.6	0.1			1	frag	abraded
7572	1982	1x2m	S22/W0	60-70	bone	awl		1.5	0.7	0.3			1	frag	rounded/striated
7573	1982	1x2m	S22/W0	70-80	bone	NA		2.8	0.4	0.3			1	frag	punch marks
7574	1982	1x2m	S22/W0	70-80	bone	NA		2.3	1.5	0.4			1	frag	polished
7575	1982	1x2m	S22/W0	70-80	bone	NA		1.2	0.8	0.2			1	frag	polished
7576	1982	1x2m	S22/W0	80-90	bone	NA		1.5	0.5	0.3			1	frag	polished
7577	1982	1x2m	S22/W0	80-90	bone	NA		3.3	0.6	0.4			1	frag	polished
7578	1982	1x2m	S22/W0	80-90	bone	NA		4.0	2.0	0.4			1	frag	rounded/striated
7579	1982	1x2m	S26/W4	40-50	bone	NA		1.3	0.7	0.5			1	frag	"possible petrified"
7580	1982	1x2m	S26/W4	40-50	bone	NA		4.1	1.1	0.5			1	frag	rounded/striated
7581	1982	1x2m	S26/W4	40-50	groundstone	abrader		2.1	0.6	0.5			1	frag	antler tip
7582	1982	1x2m	S26/W8	40-50	bone	NA		3.4	0.7	0.4			1	frag	polished
7583	1982	1x2m	S26/W8	60-70	bone	NA		0.8	0.8	0.4			1	fragment/b	cut
7584	1983	1x2m	S17/E4	20-30	shell	bead		1.2	0.7	0.1		0.3	1		Olivella
7585	1985	1x2m	S9/E8	50-60	flakedstone	projectilept	quartz	1.6	0.9	0.3			1	frag	
7586	1985	1x2m	S9/E8	50-60	flakedstone	debitage	varied					69.7	59		
7587	1985	1x2m	S9/E8	50-60	flakedstone	debitage	basalt	2.5	1.7	0.4			1		
7588	1985	1x2m	S9/E8	50-60	pottery	TizonBrown							2		
7589	1985	1x2m	S9/E8	50-60	flakedstone	debitage	varied					17.8	4		
7590	1985	1x2m	S9/E8	50-60	bone	NA							7	frag	
7592	1985	1x2m	S9/E8	60-70	pottery	TizonBrown							4		
7593	1985	1x2m	S9/E8	60-70	pottery	NA							1		possibly painted
7594	1985	1x2m	S9/E6	40-50	flakedstone	debitage	varied					91.8	190		
7595	1985	1x2m	S9/E8	60-70	flakedstone	scraper	basalt	2.9	2.3	0.6			1		
7596	1985	1x2m	S9/E8	60-70	flakedstone	debitage	basalt	4.0	1.6	1.5			1		
7597	1985	1x2m	S9/E8	60-70	flakedstone	core	basalt	7.0	5.5	2.7			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7598	1985	1x2m	S9/E8	60-70	flakedstone	debitage	varied					24.1	32		
7599	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.9	0.6	0.1			1		
7600	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
7601	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	1.0	0.6	0.1			1		
7602	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.8	0.5	0.1			1		
7603	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
7604	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
7605	1985	1x2m	S9/E8	70-80	pottery	TizonBrown		3.4	3.0	0.6			1		
7606	1985	1x2m	S9/E8	60-70	bone	NA							73	frag	
7607	1985	1x2m	S9/E6	40-50	pottery	TizonBrown							20		
7609	1985	1x2m	S9/E8	60-70	bone	NA		1.3	0.6	0.2			1	frag	cut
7610	1985	1x2m	S9/E8	60-70	bone	NA		1.6	1.0	0.2			1	frag	cut
7611	1985	1x2m	S9/E8	60-70	bone	NA		2.0	1.3	0.2			1	frag	striated
7613	1985	1x2m	S9/E8	60-70	bone	NA		4.5	1.3	0.4			1	frag	butchered
7614	1985	1x2m	S9/E6	40-50	bone	NA							764	frag	
7615	1985	1x2m	S9/E6	40-50	bone	NA		1.5	0.8	0.1			1	frag	polished
7616	1986	1x2m	S9/E8	70-80	pottery	TizonBrown							12		
7617	1985	1x2m	S9/E6	40-50	bone	NA		1.3	0.5	0.1			1	frag	abraded
7618	1986	1x2m	S9/E8	70-80	flakedstone	scraper	basalt	3.8	2.0	0.5			1		
7620	1986	1x2m	S9/E8	70-80	flakedstone	debitage	varied					13.3	12		
7621	1986	1x2m	S9/E8	70-80	bone	NA							58	frag	
7622	198?	1x2m	S17/E4	70-80	shell	marine shell						40.5	107	frag	
7623	1983	1x2m	S26/W2	20-30	shell	marine shell						16.2	51	frag	
7624	1985	1x2m	S9/E6	50-60	flakedstone	debitage	varied						125		
7625	1985	1x2m	S9/E6	50-60	pottery	TizonBrown							3		
7626	1985	1x2m	S9/E6	50-60	bone	NA		3.2	1.4	0.4			1	frag	polished
7627	1985	1x2m	S9/E6	50-60	bone	NA		2.6	1.3	0.4			1	frag	polished
7628	1985	1x2m	S9/E6	50-60	bone	NA		2.0	0.3	0.2			1	frag	polished
7629	1985	1x2m	S9/E6	50-60	bone	NA		1.4	0.2	0.1			1	frag	polished
7630	1985	1x2m	S9/E6	50-60	bone	NA		1.3	0.2	0.1			1	frag	polished
7631	1986	1x2m	S9/E8	80-90	pottery	TizonBrown							4		
7632	1986	1x2m	S9/E8	80-90	bone	NA							53	frag	
7633	1986	1x2m	S9/E8	80-90	flakedstone	scraper	basalt	5.7	5.7	1.0			1		
7634	1986	1x2m	S9/E8	80-90	flakedstone	scraper	quartzite	3.3	2.2	0.7			1		
7635	1986	1x2m	S9/E8	80-90	groundstone	mano	granitic	5.7	4.5	3.5			1	frag	
7636	1986	1x2m	S9/E8	80-90	flakedstone	debitage	varied					10.4	13		
7637	1986	1x2m	S9/E8	90-100	pottery	TizonBrown							4		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7639	1985	1x2m	S9/E6	50-60	flakedstone	scraper	basalt	2.9	2.0	0.3			1		
7640	1985	1x2m	S9/E6	50-60	flakedstone	projectilept	quartz	2.0	2.2	0.9			1	frag	
7642	1986	1x2m	S9/E8	90-100	bone	NA							55	frag	
7643	1986	1x2m	S9/E8	90-100	shell	marine shell						21.2	44	frag	
7644	1986	1x2m	S9/E8	90-100	flakedstone	scraper	basalt	5.0	3.4	1.3			1		
7645	1986	1x2m	S9/E8	90-100	flakedstone	core	other	4.3	4.1	1.8			1	frag	andesite
7646	1986	1x2m	S9/E8	90-100	flakedstone	debitage	varied					3.6	6		
7647	1985	1x2m	S9/E6	50-60	other	other	basalt	2.1	2.5	1.0			1	frag	cobble
7648	1985	1x2m	S9/E6	50-60	flakedstone	core	basalt	3.4	2.6	1.8			1	frag	
7649	1985	1x2m	S9/E6	50-60	FAR	NA	basalt	6.1	4.0	1.4			1	frag	
7650	1986	1x2m	S9/E8	100-110	pottery	TizonBrown							2		
7651	1986	1x2m	S9/E8	100-110	shell	marine shell						4.8	15	frag	
7652	1986	1x2m	S9/E8	100-110	charcoal	NA						2.4	9999		
7653	1986	1x2m	S9/E8	100-110	bone	NA							24	frag	
7654	1986	1x2m	S9/E8	100-110	flakedstone	debitage	varied					6.1	14		
7655	1982	1x2m	S17/E8	surface	shell	marine shell						7.5	11		
7656	1983	1x2m	S26/W2	30-40	shell	marine shell						87.0	372	frag	
7657	1981	1x2m	S26/W2	surface	shell	marine shell						4.6	4	frag	
7658	1983	1x2m	S26/W2	10-20	shell	marine shell						2.5	12	frag	
7659	198?	1x2m	S26/W2	80-90	shell	marine shell						0.3	1	frag	
7660	1982	1x2m	S17/E8	20-30	shell	marine shell							1	frag	Olivella
7661	198?	1x2m	S17/E8	30-40	shell	marine shell							1	com	Olivella
7662	198?	1x2m	S17/E8	40-50	shell	ornament		1.1	0.7	0.1			1	frag	Haliotis pendant
7663	1983	1x2m	S17/E8	50-60	shell	bead		0.8	0.5	0.1			1	whole/b	Olivella
7664	1983	1x2m	S17/E8	50-60	shell	bead		0.6	0.6				1		Olivella
7665	1983	1x2m	S14/W0	50-60	shell	marine shell		2.5	2.8	0.3			1	whole/b	
7666	1981	1x2m	S14/W8	surface	shell	marine shell						3.4	8	frag	
7667	1982	1x2m	S14/W0	surface	shell	marine shell						7.0	8	frag	
7668	1981	1x2m	S14/W4	surface	shell	marine shell						3.5	14	frag	
7669	1981	1x2m	S14/W4	0-10	shell	marine shell						8.1	23	frag	
7670	1982	1x2m	S14/W6	30-40	shell	bead		1.2	0.7	0.1			1		Olivella
7671	1982	1x2m	S14/W6	30-40	shell	marine shell		1.3	0.7	0.1			1	whole/b	Olivella
7672	1982	1x2m	S18/W2	surface	shell	marine shell						6.2	5	frag	
7673	1981	1x2m	S22/W6	surface	shell	marine shell						0.9	4	frag	
7674	198?	1x2m	S22/W6	0-10	shell	marine shell						2.4	9	frag	
7675	1982	1x2m	S18/W2	0-10	shell	marine shell						15.2	59	frag	
7676	1981	1x2m	S26/W10	surface	shell	marine shell						4.0	5	frag	

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7677	198?	1x2m	S26/W10	60-70	shell	marine shell						5.1	5	frag	
7678	1982	1x2m	S26/W10	20-30	shell	marine shell						9.2	9	frag	
7679	1986	1x2m	S13/E6	110-120	shell	marine shell						6.7	28	frag	
7680	1985	1x2m	S13/E6	100-110	shell	marine shell						27.5	141	frag	
7681	1985	1x2m	S13/E6	100-110	charcoal	NA						21.3	9999		
7682	1986	1x2m	S13/E6	110-120	charcoal	NA						4.0	9999		
7683	1983	1x2m	S26/W4	80-90	shell	bead							28		disc
7684	1983	1x2m	S26/W4	80-90	shell	bead							4		disc
7685	1983	1x2m	S26/W4	80-90	shell	bead							7		disc
7686	1986	1x2m	S13/E6	110-120	bone	NA							136	frag	
7687	1986	1x2m	S13/E6	110-120	flakedstone	debitage	varied						12		
7688	1986	1x2m	S13/E6	110-120	bone	NA		1.8	0.8	0.5			1	frag	fabricator tip
7691	1986	1x2m	S13/E6	110-120	bone	NA		2.5	0.8	0.1			1	fragment/b	canine tooth
7692	1985	1x2m	S13/E6	100-110	bone	awl		1.0	0.5	0.5			1	frag	
7693	1985	1x2m	S13/E6	100-110	bone	awl		1.7	1.1	0.4			1	frag	
7694	1985	1x2m	S13/E6	100-110	bone	NA		3.5	1.6	0.5			1	frag	polished
7695	1985	1x2m	S13/E6	100-110	bone	NA		1.8	0.9	0.2			1	frag	polished
7696	1985	1x2m	S13/E6	100-110	bone	NA		2.4	0.8	0.2			1	frag	polished
7698	1986	1x2m	S13/E6	100-110	bone	NA		2.0	0.5	0.3			1	frag	cut
7699	1985	1x2m	S13/E6	100-110	bone	NA		4.2	1.5	0.8			1	fragment/b	striated
7700	1985	1x2m	S13/E6	100-110	bone	NA		2.9	0.5	0.2			1	frag	polished
7701	1985	1x2m	S13/E6	100-110	bone	NA		2.3	1.0	0.4			1	frag	polished
7703	1985	1x2m	S13/E6	100-110	flakedstone	scraper	basalt	5.0	2.1	1.5			1		
7704	1985	1x2m	S13/E6	100-110	flakedstone	scraper	green	2.5	2.0	0.5			1		
7705	1985	1x2m	S13/E6	100-110	bone	NA							1164	frag	
7706	1985	1x2m	S13/E6	100-110	flakedstone	debitage	varied						50		
7707	1985	1x2m	S13/E6	100-110	flakedstone	debitage	unidentified	1.0	0.7	0.7			1		
7708	1985	1x2m	S13/E6	100-110	pottery	TizonBrown		1.8	1.4	0.4			1		
7709	198?	1x2m	S26/W4	40-50	shell	marine shell							1	frag	
7710	198?	1x2m	S9/E0	surface	shell	marine shell		2.6	3.0	0.1			1		
7711	1981	1x2m	S5/E6	10-20	flakedstone	debitage	varied						98		
7712	1981	1x2m	S5/E6	20-30	flakedstone	debitage	varied						89		
7713	1981	1x2m	S5/E6	30-40	flakedstone	debitage	varied						57		
7714	1982	1x2m	S5/E6	40-50	flakedstone	debitage	varied						104		
7715	1982	1x2m	S5/E6	40-50	flakedstone	debitage	basalt	0.6	0.4	0.1			1		
7716	1982	1x2m	S5/E6	45-60	flakedstone	debitage	varied						7		out of clay deposit
7717	1982	1x2m	S5/E6	50-60	flakedstone	debitage	varied						196		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7718	1983	1x2m	S5/E6	60-70	flakedstone	debitage	varied						114		
7719	1983	1x2m	S5/E6	60-70	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
7720	1983	1x2m	S5/E6	60-70	flakedstone	debitage	basalt	0.7	0.6	0.1			1		
7721	1983	1x2m	S5/E6	70-80	flakedstone	debitage	varied						34		
7722	1981	1x2m	S9/E6	0-10	flakedstone	scraper	quartzite	2.4	1.7	0.4			1		
7723	1982	1x2m	S9/E6	20-30	flakedstone	debitage	varied						63		
7724	1983	1x2m	S9/E6	20-30	flakedstone	debitage	varied						95		
7725	1985	1x2m	S9/E6	40-50	flakedstone	debitage	varied						200		
7726	1983	1x2m	S9/E6	20-30	flakedstone	scraper	MVporphyritic	1.9	1.0	0.4			1		
7727	1982	1x2m	S9/E8	10-20	flakedstone	debitage	varied						159		
7728	1981	1x2m	S9/E10	10-20	flakedstone	debitage	varied						22		
7729	1981	1x2m	S9/E10	20-30	flakedstone	debitage	varied						109		
7730	1982	1x2m	S9/E10	30-40	flakedstone	debitage	varied						141		
7731	1982	1x2m	S9/E10	40-50	flakedstone	debitage	varied						157		
7732	1982	1x2m	S9/E10	50-60	flakedstone	debitage	varied						93		
7733	1982	1x2m	S9/E10	60-70	flakedstone	debitage	varied						4		from ash deposit
7734	1982	1x2m	S9/E10	70-80	flakedstone	debitage	varied						35		
7735	1982	1x2m	S9/E10	80-90	flakedstone	debitage	varied						34		
7736	1982	1x2m	S9/E10	90-100	flakedstone	debitage	varied						13		
7737	1981	1x2m	S13/E6	10-20	flakedstone	debitage	varied						104		
7738	1982	1x2m	S13/E6	20-30	flakedstone	debitage	varied						69		
7739	1981	1x2m	S13/E6	20-30	flakedstone	debitage	varied						207		
7740	1982	1x2m	S13/E6	40-50	flakedstone	debitage	varied						3		
7741	1983	1x2m	S13/E6	50-60	flakedstone	debitage	varied						90		
7742	1984	1x2m	S13/E6	70-80	flakedstone	debitage	varied						122		
7743	198?	1x2m	S13/E2	20-30	flakedstone	debitage	varied						219		
7744	1982	1x2m	S13/E8	10-20	flakedstone	debitage	varied						106		
7745	1983	1x2m	S13/E8	30-40	flakedstone	debitage	varied						85		
7746	1986	1x2m	S13/E8	40-50	flakedstone	debitage	varied						45		
7747	1981	1x2m	S13/E10	10-20	flakedstone	debitage	varied					116.9	122		
7748	1982	1x2m	S13/E10	20-30	flakedstone	debitage	varied					113.6	151		
7749	1982	1x2m	S13/E10	30-40	flakedstone	debitage	varied					36.3	95		
7750	1982	1x2m	S13/E10	40-50	flakedstone	debitage	varied					104.7	167		
7751	1982	1x2m	S13/E10	50-60	flakedstone	debitage	varied					126.4	169		
7752	1982	1x2m	S13/E10	60-70	flakedstone	debitage	varied						192		
7753	1983	1x2m	S13/E10	70-80	flakedstone	debitage	varied					95.8	81		
7754	1983	1x2m	S13/E10	80-90	flakedstone	debitage	varied					66.8	66		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7755	1983	1x2m	S13/E10	90-100	flakedstone	debitage	varied					31.4	36		
7756	1984	1x2m	S13/E10	100-110	flakedstone	debitage	varied					39.5	24		
7757	1985	1x2m	S13/E12	30-40	flakedstone	debitage	varied						12		
7758	1981	1x2m	S13/E14	10-20	flakedstone	debitage	varied						120		
7759	1981	1x2m	S13/E14	20-30	flakedstone	debitage	varied						20		
7760	1981	1x2m	S13/E14	40-50	flakedstone	debitage	varied						15		
7761	1982	1x2m	S14/E0	0-10	flakedstone	debitage	varied						5		
7762	1982	1x2m	S14/E2	10-20	flakedstone	debitage	basalt						1		
7763	198?	1x2m	S14/W0	20-30	flakedstone	debitage	varied						103		
7764	198?	1x2m	S14/E0	10-20	flakedstone	debitage	varied						162		
7765	1983	1x2m	S14/W2	10-20	flakedstone	debitage	varied						317		
7766	1981	1x2m	S14/W4	10-20	flakedstone	debitage	varied						87		
7767	1981	1x2m	S14/W4	20-30	flakedstone	debitage	varied						65		
7768	1982	1x2m	S14/W4	30-40	flakedstone	debitage	varied						231		
7769	1982	1x2m	S14/W6	20-30	flakedstone	debitage	varied						33		
7770	1982	1x2m	S14/W8	10-20	flakedstone	debitage	varied						7		
7771	1982	1x2m	S14/W8	20-30	flakedstone	debitage	varied						90		
7772	1982	1x2m	S17/E4	10-20	flakedstone	debitage	varied						104		
7773	1982	1x2m	S17/E4	20-30	flakedstone	debitage	varied						56		
7774	1983	1x2m	S17/E4	30-40	flakedstone	debitage	quartz						18		
7775	1983	1x2m	S17/E4	70-80	flakedstone	debitage	varied						166		
7776	1981	1x2m	S17/E6	10-20	flakedstone	debitage	varied						120		
7777	1981	1x2m	S17/E6	20-30	flakedstone	debitage	varied						188		
7778	1982	1x2m	S17/E6	30-40	flakedstone	debitage	varied						392		
7779	1982	1x2m	S17/E6	40-50	flakedstone	debitage	varied						109		
7780	1982	1x2m	S17/E6	50-60	flakedstone	debitage	varied						120		
7781	1982	1x2m	S17/E6	60-70	flakedstone	debitage	varied						94		
7782	1982	1x2m	S17/E6	70-80	flakedstone	debitage	varied						71		
7783	1982	1x2m	S17/E6	80-90	flakedstone	debitage	varied						204		
7784	1982	1x2m	S17/E6	90-100	flakedstone	debitage	varied						49		
7785	1982	1x2m	S14/E8	10-20	flakedstone	debitage	varied						276		
7786	198?	1x2m	S17/E8	30-40	flakedstone	debitage	varied						127		
7787	1981	1x2m	S17/E10	10-20	flakedstone	debitage	varied						69		
7788	1981	1x2m	S17/E10	20-30	flakedstone	debitage	varied						196		
7789	1982	1x2m	S17/E10	30-40	flakedstone	debitage	varied						75		
7790	1981	1x2m	S17/E10	40-50	flakedstone	debitage	varied						125		
7791	198?	1x2m	S17/E10	60-70	flakedstone	debitage	varied						3		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7792	198?	1x2m	S17/E10	70-80	flakedstone	debitage	unidentified						2		
7793	1982	1x2m	S17/E12	10-20	flakedstone	debitage	varied						65		
7794	1982	1x2m	S17/E12	20-30	flakedstone	debitage	varied						129		
7795	1981	1x2m	S17/E14	20-30	flakedstone	debitage	varied						105		
7796	1982	1x2m	S17/E14	30-40	flakedstone	debitage	varied						77		
7797	1982	1x2m	S17/E14	40-50	flakedstone	debitage	varied						123		
7798	1981	1x2m	S18/W0	10-20	flakedstone	debitage	varied						77		
7799	198?	1x2m	S18/W0	20-30	flakedstone	debitage	varied						145		
7800	1981	1x2m	S18/W0	30-40	flakedstone	debitage	varied						156		
7801	1982	1x2m	S18/W0	40-50	flakedstone	debitage	varied						120		
7802	198?	1x2m	S18/W0	70-80	flakedstone	debitage	varied						94		
7803	1982	1x2m	S18/W0	80-90	flakedstone	debitage	chalcedony						1		
7804	198?	1x2m	S18/W2	0-10	flakedstone	debitage	varied						39		
7805	1982	1x2m	S18/W2	10-20	flakedstone	debitage	varied						4		
7806	198?	1x2m	S18/W2	20-30	flakedstone	debitage	varied						75		
7807	1982	1x2m	S18/W4	surface	flakedstone	debitage	varied						5		
7808	1982	1x2m	S18/W4	0-10	flakedstone	debitage	varied						41		
7809	1982	1x2m	S18/W4	10-20	flakedstone	debitage	varied						106		
7810	1982	1x2m	S18/W4	10-20	flakedstone	debitage	varied						188		
7811	198?	1x2m	S18/W4	20-30	flakedstone	debitage	varied						233		
7812	198?	1x2m	S18/W4	30-40	flakedstone	debitage	varied						196		
7813	1982	1x2m	S18/W6	10-20	flakedstone	debitage	varied						37		
7814	198?	1x2m	S18/W6	20-30	flakedstone	debitage	varied						54		
7815	1982	1x2m	S18/W6	30-40	flakedstone	debitage	varied						57		
7816	1982	1x2m	S18/W8	30-40	flakedstone	debitage	varied						41		
7817	1982	1x2m	S18/W8	40-50	flakedstone	debitage	varied						65		
7818	1981	1x2m	S18/W8	20-30	flakedstone	debitage	varied						56		
7819	1982	1x2m	S18/W8	70-80	flakedstone	debitage	quartzite						2		
7820	198?	1x2m	S18/W12	10-20	flakedstone	debitage	varied						13		
7821	198?	1x2m	S18/W12	20-30	flakedstone	debitage	varied						60		
7822	198?	1x2m	S18/W12	30-40	flakedstone	debitage	varied						91		
7823	1981	1x2m	S18/W12	40-50	flakedstone	debitage	varied						24		
7824	198?	1x2m	S22/W0	10-20	flakedstone	debitage	varied						111		
7825	198?	1x2m	S22/W0	20-30	flakedstone	debitage	varied						67		
7826	198?	1x2m	S22/W2	10-20	flakedstone	debitage	varied						30		
7827	1983	1x2m	S22/W2	10-20	flakedstone	debitage	varied						26		
7828	198?	1x2m	S22/W2	20-30	flakedstone	debitage	varied						109		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7829	1981	1x2m	S22/W4	10-20	flakedstone	debitage	varied						54		
7830	1981	1x2m	S22/W4	20-30	flakedstone	debitage	varied						44		
7831	1981	1x2m	S22/W4	30-40	flakedstone	debitage	varied						64		
7832	1981	1x2m	S22/W4	40-50	flakedstone	debitage	varied						42		
7833	198?	1x2m	S22/W4	50-60	flakedstone	debitage	varied						23		
7834	1981	1x2m	S22/W4	60-70	flakedstone	debitage	varied						23		
7835	1982	1x2m	S22/W4	70-80	flakedstone	debitage	varied						10		
7836	198?	1x2m	S22/W4	90-100	flakedstone	debitage	varied						5		
7837	198?	1x2m	S22/W4	80-90	flakedstone	debitage	varied						24		
7838	198?	1x2m	S22/W6	0-10	flakedstone	debitage	varied						10		
7839	1983	1x2m	S22/W6	20-30	flakedstone	debitage	quartz						62		
7840	198?	1x2m	S18/W8	10-20	flakedstone	debitage	varied						8		
7841	1981	1x2m	S22/W8	10-20	flakedstone	debitage	quartz					11.1	15		
7842	198?	1x2m	S22/W8	40-50	flakedstone	debitage	varied						98		
7843	1982	1x2m	S22/W8	30-40	flakedstone	debitage	varied						139		
7844	1981	1x2m	S22/W8	20-30	flakedstone	debitage	varied						165		
7845	1982	1x2m	S26/W0	20-30	flakedstone	debitage	varied						49		
7846	1983	1x2m	S26/W0	80-90	flakedstone	debitage	varied						15		
7847	1983	1x2m	S26/W0	100-110	flakedstone	debitage	chalcedony						1		
7848	1983	1x2m	S26/W0	110-120	flakedstone	debitage	unidentified						4		
7849	1982	1x2m	S26/W2	0-10	flakedstone	debitage	varied						16		
7850	1982	1x2m	S26/W2	10-20	flakedstone	debitage	varied						72		
7851	1983	1x2m	S26/W2	20-30	flakedstone	debitage	varied						64		
7852	1983	1x2m	S26/W2	30-40	flakedstone	debitage	varied						86		
7853	1981	1x2m	S26/W4	20-30	flakedstone	debitage	varied						57		
7854	1983	1x2m	S26/W4	80-90	flakedstone	debitage	varied						16		
7855	1981	1x2m	S26/W4	30-40	flakedstone	debitage	varied						58		
7856	1982	1x2m	S26/W4	40-50	flakedstone	debitage	varied						75		
7857	1982	1x2m	S26/W4	50-60	flakedstone	debitage	varied						82		
7858	1982	1x2m	S26/W4	60-70	flakedstone	debitage	varied						57		
7859	1983	1x2m	S26/W4	70-80	flakedstone	debitage	varied						15		
7860	1982	1x2m	S26/W6	0-10	flakedstone	debitage	varied						26		
7861	1983	1x2m	S26/W6	10-20	flakedstone	debitage	varied						87		
7862	1983	1x2m	S26/W6	20-30	flakedstone	debitage	varied						33		
7863	1983	1x2m	S26/W6	30-40	flakedstone	debitage	varied						65		
7864	1983	1x2m	S26/W6	40-50	flakedstone	debitage	varied						32		
7865	1983	1x2m	S26/W6	50-60	flakedstone	debitage	varied						57		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7866	198?	1x2m	S26/W8	10-20	flakedstone	debitage	varied						14		
7867	1981	1x2m	S26/W8	20-30	flakedstone	debitage	varied						32		
7868	1981	1x2m	S26/W8	30-40	flakedstone	debitage	varied						55		
7869	1982	1x2m	S26/W8	40-50	flakedstone	debitage	varied						48		
7870	1982	1x2m	S26/W8	50-60	flakedstone	debitage	varied						12		
7871	1982	1x2m	S26/W8	60-70	flakedstone	debitage	varied						31		
7872	1982	1x2m	S26/W8	70-80	flakedstone	debitage	varied						23		
7873	1982	1x2m	S26/W8	80-90	flakedstone	debitage	varied						14		
7874	1982	1x2m	S26/W10	10-20	flakedstone	debitage	varied						48		
7875	198?	1x2m	S26/W0	10-20	flakedstone	debitage	varied						86		
7876	1982	1x2m	S26/W10	20-30	flakedstone	debitage	varied						79		
7877	1982	1x2m	S26/W10	30-40	flakedstone	debitage	varied						68		
7878	1983	1x2m	S26/W10	70-80	flakedstone	debitage	varied						9		
7879	1983	1x2m	S26/W10	50-60	flakedstone	debitage	varied						49		
7880	1981	1x2m	S26/W12	10-20	flakedstone	debitage	varied						21		
7881	1981	1x2m	S26/W12	20-30	flakedstone	debitage	varied						15		
7882	1981	1x2m	S26/W12	30-40	flakedstone	debitage	varied						29		
7883	1981	1x2m	S26/W12	40-50	flakedstone	debitage	varied						13		
7884	1982	1x2m	S26/W12	50-60	flakedstone	debitage	varied						19		
7885	1982	1x2m	S26/W12	60-70	flakedstone	debitage	varied						48		
7886	198?	1x2m	S26/W12	70-80	flakedstone	debitage	varied						39		
7887	1982	1x2m	S26/W12	90-100	flakedstone	debitage	varied						2		
7888	198?	1x2m	S15/E16	surface	flakedstone	debitage	quartzite						2		
7889	198?	1x2m	S16/ W2	surface	flakedstone	debitage	varied						3		
7890	198?	1x2m	S16/E12	surface	flakedstone	debitage	varied						2		
7891	198?	1x2m	S27/W2	20-30	flakedstone	debitage	varied						17		
7892	1986	1x2m	S18/W12	50-60	shell	bead							54	fragment/b	from ash deposit
7893	1982	1x2m	S18/W12	40-50	flakedstone	debitage	varied						2		
7894	1982	1x2m	S18/W12	40-50	pottery	TizonBrown		1.5	1.5	0.4			1		
7895	198?	1x2m	S18/W12	50-60	bone	NA							51	frag	
7896	1982	1x2m	S18/W12	50-60	shell	bead							149	fragment/b	
7897	1982	1x2m	S18/W12	50-60	shell	bead		0.7	0.6	0.2			1		
7899	1982	1x2m	S18/W12	50-60	glass	bead		0.4	0.4	0.2			1		
7900	1982	1x2m	S18/W12	50-60	charcoal	NA						0.7	9999		
7901	1982	1x2m	S18/W12	50-60	bone	NA		0.2	0.2	0.2			1		fish vertebra
7902	1982	1x2m	S18/W12	50-60	flakedstone	debitage	varied						12		
7903	1982	1x2m	S18/W12	60-65	shell	bead							574	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7905	1982	1x2m	S18/W12	60-70	charcoal	NA						5.2	9999		
7906	1982	1x2m	S18/W12	60-70	charcoal	NA						2.2	9999		from ash deposit
7907	1982	1x2m	S18/W12	60-65	shell	bead							11		SW corner only
7908	1982	1x2m	S18/W12	50-60	bone	NA							28		
7909	1982	1x2m	S18/W12	60-65	flakedstone	debitage	varied						7		
7910	1982	1x2m	S18/W12	60-70	bone	NA							21		
7911	1982	1x2m	S18/W12	60-70	bone	NA							320	frag	
7912	1982	1x2m	S18/W12	60-70	other	other	other	3.3	2.8	1.0			1	frag	rhyolite cobble
7913	1982	1x2m	S18/W12	60-70	flakedstone	debitage	varied						14		
7914	1982	1x2m	S18/W12	60-70	bone	NA							20	frag	
7915	1982	1x2m	S18/W12	60-70	shell	bead							13	frag	
7916	1981	1x2m	S17/E10	40-50	flakedstone	scraper	basalt	5.1	3.4	0.8			1		
7917	1981	1x2m	S18/W12	30-40	flakedstone	core	quartzite	7.0	4.0	1.4			1	frag	
7918	198?	1x2m	S14/E2	10-20	flakedstone	debitage	basalt	3.4	2.8	0.6			1		
7919	1981	1x2m	S17/E10	40-50	flakedstone	core	basalt	6.5	3.5	2.6			1		
7920	198?	1x2m	S22/W8	40-50	flakedstone	core	quartzite	4.4	2.7	1.5			1	frag	
7921	1981	1x2m	S17/E10	40-50	flakedstone	core	quartz	6.2	5.1	2.2			1	frag	
7922	1981	1x2m	S17/E10	40-50	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
7923	1981	1x2m	S26/W12	40-50	flakedstone	core	quartz	5.0	3.4	2.7			1	frag	
7924	1983	1x2m	S26/W6	10-20	flakedstone	core	basalt	5.5	4.0	1.7			1	frag	
7925	1986	1x2m	S9/E12	surface	groundstone	metate	granitic	24.0	15.5	13.5			1	frag	on west side of bedrock fe
7926	1982	1x2m	S26/W12	90-100	flakedstone	utilizedflake	quartzite	1.5	0.7	0.2			1		
7927	1982	1x2m	S26/W12	90-100	flakedstone	debitage	green	1.1	0.8	0.1			1		
7928	1982	1x2m	S26/W10	20-30	flakedstone	debitage	green	0.7	0.5	0.1			1		
7929	1983	1x2m	S27/W2	20-30	flakedstone	debitage	green	0.9	0.8	0.1			1		
7930	1982	1x2m	S26/W12	60-70	flakedstone	debitage	basalt	1.0	0.8	0.1			1		
7931	1982	1x2m	S26/W12	60-70	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
7932	1982	1x2m	S26/W12	70-80	flakedstone	utilizedflake	basalt	1.5	1.5	0.2			1		
7933	1983	1x2m	S26/W10	50-60	flakedstone	utilizedflake	basalt	0.8	0.7	0.1			1		
7934	1983	1x2m	S26/W10	50-60	flakedstone	debitage	basalt	1.0	1.0	0.2			1		
7935	1982	1x2m	S26/W2	10-20	flakedstone	debitage	basalt	1.0	1.0	0.1			1		
7936	1983	1x2m	S26/W2	20-30	flakedstone	utilizedflake	basalt	3.5	3.0	0.5			1		
7937	1983	1x2m	S26/W2	20-30	pottery	TizonBrown		1.3	0.9	0.3			1		
7938	1983	1x2m	S26/W2	30-40	bone	NA							1	frag	
7939	1984	1x2m	S26/W2	90-100	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
7940	1981	1x2m	S26/W4	30-40	flakedstone	debitage	green	1.2	0.8	0.2			1		
7941	1982	1x2m	S26/W4	50-60	flakedstone	debitage	basalt	0.8	0.7	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7942	1983	1x2m	S26/W6	20-30	flakedstone	debitage	basalt	0.9	0.7	0.1			1		
7943	1983	1x2m	S26/W6	20-30	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
7944	1983	1x2m	S26/W6	50-60	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7945	1983	1x2m	S26/W6	50-60	flakedstone	debitage	basalt	1.0	0.5	0.1			1		
7946	1981	1x2m	S26/W8	20-30	flakedstone	debitage	quartzite	2.0	0.5	0.4			1		
7947	1981	1x2m	S26/W8	20-30	flakedstone	debitage	other	4.0	2.8	1.4			1		andesite
7950	1982	1x2m	S26/W8	40-50	flakedstone	debitage	basalt	4.3	3.7	0.9			1		
7951	1982	1x2m	S26/W8	40-50	flakedstone	debitage	basalt	0.7	0.6	0.1			1		
7952	1982	1x2m	S26/W12	50-60	flakedstone	utilizedflake	basalt	1.9	1.2	0.1			1		
7953	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
7954	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.7	0.6	0.1			1		
7955	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.8	0.5	0.1			1		
7956	1985	1x2m	S9/E6	40-50	flakedstone	debitage	basalt	0.9	0.7	0.1			1		
7957	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	basalt	1.2	1.0	0.1			1		
7958	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	basalt	2.0	1.6	0.3			1		
7959	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	basalt	2.0	1.4	0.2			1		
7960	1985	1x2m	S9/E6	40-50	flakedstone	utilizedflake	green	1.6	1.5	0.2			1		
7961	1982	1x2m	S9/E10	30-40	flakedstone	scraper	basalt	4.0	3.1	1.0			1		
7962	1981	1x2m	S9/E10	30-40	flakedstone	debitage	basalt	0.9	0.8	0.1			1		
7963	1982	1x2m	S9/E10	40-50	flakedstone	utilizedflake	quartzite	3.2	2.0	0.5			1		
7964	1982	1x2m	S9/E10	50-60	flakedstone	utilizedflake	basalt	2.0	0.8	0.2			1		
7965	1982	1x2m	S9/E10	60-70	flakedstone	utilizedflake	green	2.4	2.1	0.2			1		
7966	1982	1x2m	S9/E10	80-90	flakedstone	debitage	basalt	0.9	0.7	0.1			1		
7967	1982	1x2m	S13/E6	20-30	flakedstone	utilizedflake	quartzite	2.5	2.0	0.3			1		
7968	1982	1x2m	S13/E10	30-40	other	other	basalt	5.2	2.0	1.2			1	frag	cobble
7969	1982	1x2m	S13/E10	30-40	flakedstone	scraper	other	4.5	2.0	1.3			1		andesite
7970	1982	1x2m	S13/E10	30-40	flakedstone	scraper	other	3.3	2.1	0.5			1		andesite
7971	1982	1x2m	S13/E10	50-60	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
7972	1982	1x2m	S13/E10	50-60	flakedstone	debitage	basalt	0.5	0.5	0.1			1		
7973	1982	1x2m	S13/E10	60-70	bone	awl		1.0	0.7	0.3			1	frag	
7974	1982	1x2m	S13/E10	30-40	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7975	1982	1x2m	S13/E10	30-40	flakedstone	debitage	basalt	0.5	0.6	0.1			1		
7976	1982	1x2m	S13/E10	30-40	flakedstone	debitage	basalt	0.6	0.4	0.1			1		
7977	1982	1x2m	S13/E10	50-60	flakedstone	debitage	quartzite	1.2	1.0	0.4			1		
7978	1983	1x2m	S13/E8	30-40	bone	NA		0.8	0.5	0.3			1	frag	tooth
7979	1983	1x2m	S13/E8	30-40	flakedstone	debitage	quartzite	1.3	0.4	0.3			1		
7980	1982	1x2m	S13/E10	30-40	flakedstone	projectilept	basalt	2.0	0.8	0.3			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
7981	1983	1x2m	S13/E10	70-80	pottery	TizonBrown		1.4	1.0	0.3			1		
7982	1983	1x2m	S13/E10	70-80	flakedstone	debitage	green	0.7	0.5	0.1			1		
7983	1983	1x2m	S13/E10	80-90	bone	NA		1.5	1.3	0.2			1	frag	polished
7984	1982	1x2m	S13/E2	20-30	flakedstone	utilizedflake	basalt	1.8	1.4	0.1			1		
7985	1982	1x2m	S22/W4	80-90	flakedstone	projectilept	green	0.9	0.8	0.3			1	frag	
7986	1982	1x2m	S22/W8	50-60	flakedstone	core	quartzite	5.7	4.4	1.7			1	frag	
7987	1982	1x2m	S22/W8	40-50	flakedstone	debitage	basalt	0.7	0.6	0.2			1		
7988	198?	1x2m	S22/W2	20-30	flakedstone	projectilept	MVporphyritic	2.0	1.8	0.7			1	frag	
7989	1981	1x2m	S22/W4	10-20	flakedstone	debitage	basalt	0.8	0.7	0.1			1		
7990	1981	1x2m	S22/W4	10-20	flakedstone	debitage	basalt	0.9	0.8	0.1			1		
7991	1981	1x2m	S22/W4	30-40	flakedstone	utilizedflake	quartzite	1.8	1.5	0.2			1		
7992	1983	1x2m	S22/W4	80-90	flakedstone	utilizedflake	basalt	2.7	2.5	0.5			1		
7993	1982	1x2m	S18/W4	10-20	flakedstone	debitage	green	1.0	0.2	0.1			1		
7994	1982	1x2m	S18/W4	10-20	flakedstone	debitage	basalt	1.2	0.9	0.1			1		
7995	1982	1x2m	S18/W4	10-20	pottery	TizonBrown		1.0	0.6	0.4			1		
7996	1982	1x2m	S18/W4	20-30	flakedstone	debitage	basalt	0.8	0.5	0.1			1		
7997	1982	1x2m	S18/W4	20-30	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
7998	1982	1x2m	S18/W4	20-30	flakedstone	debitage	green	0.7	0.6	0.1			1		
7999	1982	1x2m	S18/W4	20-30	flakedstone	debitage	green	0.8	0.6	0.1			1		
8000	1986	1x2m	S16/W0	surface	flakedstone	projectilept	quartz	1.6	1.5	0.3			1	frag	
8001	1986	1x2m	S22/W2	30-40	shell	bead		1.7	0.9	0.6			1		Olivella
8002	1986	1x2m	S9/E12	0-10	flakedstone	projectilept	chalcedony	2.7	1.1	0.2			1		
8003	1986	1x2m	S22/W2	30-40	shell	bead		1.0	0.5	0.6			1		Olivella
8004	1986	1x2m	S9/E12	0-10	bone	awl		2.2	0.8	0.5			1	frag	
8005	1986	1x2m	S13/E6	95-110	bone	NA		2.8	1.3	0.3			1	frag	flat/striated
8006	1986	1x2m	S13/E6	0-95	shell	bead		0.6	0.5	0.1			1		Olivella
8007	1986	1x2m	S13/E6	0-95	shell	bead		1.0	0.6	0.6			1		Olivella
8008	1986	1x2m	S13/E6	0-95	glass	bead		0.3	0.3	0.3			1		
8009	1986	1x2m	S18/W12	70-80	plastic	NA		0.3	0.3	0.3			2		
8010	1986	1x2m	S18/W12	70-80	shell	bead		0.4	0.4	0.1			1	frag	Olivella
8011	1986	1x2m	S13/E8	70-80	glass	bead		0.4	0.3	0.3			1		
8012	1986	1x2m	S13/E8	70-80	groundstone	bead	soapstone	0.4	0.4	0.1			1		
8013	1986	1x2m	S9/E12	0-10	bone	NA		3.2	1.7	1.4			1	frag	butchered deer metatarsal
8014	1986	1x2m	S9/E6	70-80	shell	bead		0.5	0.5	0.3			1		
8015	1986	1x2m	S19/W12	surface	plastic	other		1.1	1.4				1		shotgun shell casing
8016	1986	1x2m	S13/E8	70-80	flakedstone	scraper	basalt	4.5	3.2	0.5			1		
8017	1986	1x2m	S13/E6	95-110	bone	NA		2.8	1.7	1.2			1		bird sternum

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8018	1986	1x2m	S13/E6	95-110	bone	NA		0.6	0.8	0.1			1		fish vertebra
8019	1986	1x2m	S13/E12	0-60	flakedstone	scraper	basalt	8.1	7.9	2.9			1		
8020	1986	1x2m	S13/E12	0-60	flakedstone	core	basalt	7.0	4.5	2.7			1	frag	
8021	1986	1x2m	S13/E6	95-100	bone	NA		1.5	0.6	0.4			1	frag	deer tooth
8022	1986	1x2m	S13/E8	60-70	shell	bead		0.4	0.3	0.1			1		
8023	1986	1x2m	S12/E12	surface	shell	NA		4.1	2.2	0.2			1	frag	worked
8024	1986	1x2m	S13/E6	95-110	bone	NA		1.8	0.9	0.7			1	fragment/b	antler tip
8025	1986	1x2m	S13/E6	95-110	flakedstone	projectilept	quartz	1.0	1.0	0.0			1	frag	
8026	1986	1x2m	S18/W12	0-10	pottery	TizonBrown		2.3	1.7	0.7			1		rim sherd
8027	1986	1x2m	S13/E8	70-80	bone	NA		1.0	0.6	0.1			3		articulated fish vertebrae
8028	1986	1x2m	S18/W12	0-10	bone	NA		0.7	0.7	0.4			1		fish vertebra
8029	1986	1x2m	S13/E6	95-110	bone	NA		0.3	0.3	0.2			2		fish vertebrae
8030	1986	1x2m	S13/E6	95-110	bone	NA		0.4	0.3	0.2			1		fish vertebra
8031	1986	Surface	near datu	surface	flakedstone	projectilept	quartz	0.6	0.6	0.2			1	frag	
8032	1986	1x2m	S13/E6	95-110	bone	NA		0.9	0.5	0.5			1		mammal tooth
8033	1986	1x2m	S13/E6	95-110	flakedstone	projectilept	basalt	1.4	1.1	0.2			1	frag	
8034	1986	1x2m	S13/E6	95-110	bone	NA		0.4	0.4	0.4			1	frag	fish vertebra
8035	1986	1x2m	S13/E6	95-110	bone	NA		2.0	5.0	5.0			1		tooth(deer?)
8036	1986	1x2m	S13/E6	95-110	flakedstone	debitage	obsidian	0.7	0.3	0.1			2		
8037	1986	1x2m	S13/E6	95-110	flakedstone	utilizedflake	obsidian	1.6	1.3	0.1			1		
8038	1986	1x2m	S13/E6	95-110	bone	NA		0.9	0.6	0.2			1		otolith
8039	1986	1x2m	S13/E6	95-110	shell	bead		0.5	0.5	0.1			1		
8040	1986	1x2m	S13/E6	95-110	flakedstone	projectilept	quartz	1.8	0.8	0.3			1	frag	
8041	1986	1x2m	S13/E6	95-110	flakedstone	debitage	obsidian	0.6	0.4	0.5			1		lost in field
8042	1986	1x2m	S13/E6	95-110	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		
8043	1986	1x2m	S13/E6	95-110	shell	bead		1.5	0.7	0.5			1		Olivella
8044	1986	1x2m	S13/E6	95-110	flakedstone	debitage	obsidian	1.0	0.9	0.5			1		
8045	1986	1x2m	S18/W12	surface	shell	bead		1.7	0.8	0.8			1		Olivella
8046	1986	1x2m	S13/E6	95-110	flakedstone	projectilept	quartz	1.7	1.0	0.4			1	frag	
8047	1986	1x2m	S19/W12	surface	shell	bead		0.8	0.7	0.2			20	frag	
8048	1986	1x2m	S18/W12	70-80	bone	NA		3.3	1.2	0.4			1	frag	polished
8049	1986	1x2m	S9/E12	10-20	flakedstone	projectilept	quartz	2.6	2.3	0.5			1		
8050	1986	1x2m	S18/W12	70-80	shell	bead		0.5	0.5	0.1			1		possibly burnt
8051	1986	1x2m	S18/W12	70-80	flakedstone	projectilept	quartz	1.2	1.2	0.3			1	frag	
8052	1986	1x2m	S18/W12	70-80	flakedstone	debitage	chalcedony	5.0	2.7	1.1			1		
8053	1986	1x2m	S18/W12	70-80	shell	bead							3	frag	
8054	1986	1x2m	S18/W12	70-80	flakedstone	projectilept	basalt	1.1	1.0	0.3			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8055	1986	1x2m	S13/E8	70-80	bone	NA		0.3	0.3	0.3			1		fish vertebra
8057	1986	1x2m	S22/W2	30-40	flakedstone	utilizedflake	quartz	2.7	1.7	1.0			1		
8058	1986	1x2m	S18/W12	70-80	pottery	TizonBrown		2.5	2.0	0.4			1		rim sherd
8059	1986	1x2m	S22/W6	0-90	shell	bead		1.3	0.8	0.7			1		Olivella
8060	1986	1x2m	S18/W12	70-80	shell	bead		0.6	0.6	0.1			1		
8061	1986	1x2m	S9/E12	10-20	glass	bead		0.4	0.4	0.3			1		
8062	1986	1x2m	S19/E12	10-20	pottery	TizonBrown		2.1	1.9	0.5			1		
8063	1986	1x2m	S13/E6	95-110	bone	NA		1.2	0.5	0.3			1	frag	rounded/striated
8064	1986	1x2m	S18/W12	70-80	shell	bead		0.6	0.3	0.1			1		
8065	1986	1x2m	S9/E12	10-20	flakedstone	projectilept	quartz	1.5	1.4	0.3			1	frag	
8066	1986	1x2m	S22/W2	30-40	bone	NA		1.7	0.5	0.3			1	frag	polished
8067	1986	1x2m	S9/E12	10-20	flakedstone	debitage	quartz	1.9	1.3	0.3			1		
8068	1986	1x2m	S9/E12	10-20	flakedstone	projectilept	quartz	1.6	1.0	0.4			1	frag	
8069	1986	1x2m	S9/E12	10-20	bone	NA		3.4	0.7	0.1			1	frag	"polished bone w/ angle c
8070	1986	1x2m	S9/E12	10-20	shell	bead		0.4	0.4	0.1			1		
8071	1986	1x2m	S18/W12	70-80	bone	NA		2.2	1.5	1.7			1	fragment/b	worked and polished
8072	1986	Surface	S16.5 E1.	surface	flakedstone	projectilept	chalcedony	3.3	2.1	0.5			1		
8073	1986	1x2m	S3/E8	surface	flakedstone	scraper	quartz	1.7	1.7	0.3			1		
8074	1986	1x2m	S22/W2	30-40	bone	NA		1.1	0.6	0.3			1		fish vertebra
8075	1986	1x2m	S13/E6	95-110	shell	marine shell		3.0	3.3	1.4			1	frag	
8077	1986	1x2m	S9/E6	70-80	bone	NA		0.4	0.4	0.3			1		fish vertebra
8078	1986	1x2m	S13/E8	70-80	groundstone	bead	soapstone	0.4	0.3	0.1			1		
8079	1986	1x2m	S22/W6	80-90	bone	NA		1.5	0.3	0.3			1	frag	
8080	1986	1x2m	S22/W2	30-40	bone	NA		1.0	0.4	0.2			1		fish vertebra
8081	1986	1x2m	S9/E6	70-80	pottery	TizonBrown		5.2	3.9	0.5			1		
8083	1986	1x2m	S22/W2	30-40	bone	NA		1.0	0.4	0.3			1		fish vertebra
8084	1986	1x2m	S9/E12	10-20	shell	bead		1.0	0.6	0.6			1		Olivella
8085	1986	1x2m	S22/W2	30-40	shell	bead		1.3	0.8	0.8			1		Olivella
8086	1986	1x2m	S22/W2	30-40	bone	NA		1.2	0.4	0.2			1	frag	flat/striated
8087	1986	1x2m	S9/E6	70-80	bone	NA		2.4	1.6	0.9			1		fish vertebra
8088	1986	1x2m	S9/E12	20-30	glass	bead		0.5	0.5				1	whole/b	
8089	1986	1x2m	S13/E12	50-60	bone	NA		1.7	0.6	0.3			1	frag	polished
8090	1986	1x2m	S13/E12	50-60	bone	NA		2.6	0.4	0.3			1	fragment/b	polished
8091	1986	1x2m	S13/E12	50-60	bone	NA		0.5	0.3	0.3			1		fish vertebra
8092	1986	1x2m	S9/E6	70-80	bone	NA		1.2	1.3	0.2			1		fish operculum
8093	1986	1x2m	S22/W2	40-50	bone	NA		0.4	0.5	0.2			1		fish vertebra
8094	1986	1x2m	S13/E12	50-60	flakedstone	projectilept	quartz	0.6	0.7	0.2			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8095	1986	1x2m	S26/W6	?	flakedstone	utilizedflake	other	4.9	2.6	0.7			1		rhyolite
8096	1986	1x2m	S13/E12	50-60	bone	NA		2.0	1.3	0.6			1	frag	butchered
8098	1986	1x2m	S22/W2	40-50	bone	NA		0.7	0.4	0.3			1		fish vertebra
8099	1986	1x2m	S19/W12	0-10	pottery	pipe		1.6	1.1	0.4			1	frag	
8100	1986	1x2m	S9/E6	70-80	shell	marine shell		1.5	1.5	0.3			1	fragment/b	
8101	1986	1x2m	S19/W12	0-10	shell	bead		0.6	0.6	0.1			18	whole/b	
8102	1986	1x2m	S9/E6	70-80	other	other		0.3	0.3	0.3			1		lead shot
8103	1986	1x2m	S9/E6	70-80	groundstone	ornament	soapstone	2.4	2.8	0.5			1		
8104	1986	1x2m	S19/W12	0-10	bone	NA		2.1	0.5	0.5			1	frag	rounded/striated
8105	1986	1x2m	S9/E6	70-80	flakedstone	debitage	obsidian	0.6	0.6	0.1			1		
8107	1986	1x2m	S18/W12	70-80	shell	bead		0.6	0.6	0.1			1	whole/b	
8108	1986	1x2m	S13/E12	50-60	shell	marine shell		0.9	0.4	0.4			1	frag	Olivella
8109	1986	1x2m	S19/W12	0-10	shell	bead							8	fragment/b	
8110	1986	1x2m	S9/E6	70-80	glass	bead		0.4	0.4	0.4			1	whole/b	
8111	1986	1x2m	S13/E8	70-80	flakedstone	scraper	quartz	3.7	1.8	0.8			1		
8112	1986	1x2m	S19/W12	0-10	flakedstone	scraper	basalt	5.0	3.6	1.8			1		
8113	1986	1x2m	S13/E8	70-80	groundstone	mano	granitic	9.0	7.0	4.5			1	frag	
8114	1986	1x2m	S17/W8	surface	pottery	TizonBrown		4.3	3.5	1.0			1		rim sherd
8115	1986	1x2m	S19/W12	0-10	shell	bead		0.3	0.3	0.1			3		
8116	1986	1x2m	S22/W2	40-50	shell	bead		0.4	0.4	0.1			1		
8117	1986	Surface	shed area	surface	flakedstone	utilizedflake	other	1.5	1.0	0.2			1		rhyolite
8118	1986	Surface	S3 E1	surface	pottery	NA		3.3	1.7	0.4			1		rim sherd
8119	1986	1x2m	S22/W2	40-50	shell	ornament		2.2	2.3	0.2			1		
8120	1986	1x2m	S18/W12	70-80	flakedstone	projectilept	quartz	2.2	1.8	0.5			1	frag	
8121	1986	1x2m	S22/W2	40-50	shell	bead		1.4	0.8	0.5			1		Olivella
8122	1986	1x2m	S9/E12	20-30	glass	bead		0.4	0.3	0.4			1		
8123	1986	1x2m	S19/W12	0-10	shell	bead							5	fragment/b	
8124	1986	1x2m	S9/E12	20-30	glass	bead		0.4	0.3	0.2			1	whole/b	
8125	1986	1x2m	S18/W2	90-100	bone	awl		2.2	0.7	0.4			1	frag	
8126	1986	Surface	S17 W6	surface	flakedstone	projectilept	quartz	1.5	1.8	0.6			1	frag	found 40cm east and 6cm
8127	1986	1x2m	S13/E6	95-110	bone	NA		1.0	0.3	0.2			1		fish
8128	1986	1x2m	S13/E6	95-110	bone	NA		1.0	0.5	0.1			1		fish
8129	1986	1x2m	S13/E8	80-90	bone	NA		4.2	0.7	0.4			1	frag	shuttle
8130	1986	1x2m	S18/W12	70-80	shell	bead		0.6	0.3	0.1			1	frag	
8131	1986	1x2m	S19/W12	0-10	shell	bead							7	frag	
8132	1986	1x2m	S22/W2	40-50	shell	bead		1.5	0.8	0.1			1		Olivella
8133	1986	1x2m	S2/W4	10-20	pottery	ColoradoBuff		2.5	2.6	0.4			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8134	1986	1x2m	S2/W4	10-20	pottery	TizonBrown							25		
8136	1986	1x2m	S2/W4	10-20	shell	marine shell						18.1	69	frag	
8137	1986	1x2m	S2/W4	10-20	flakedstone	debitage	varied					25.9	51		
8138	1987	1x2m	S9/E6	90-100	shell	marine shell						10.1	49	frag	
8139	1987	1x2m	S9/E6	100-110	shell	marine shell						2.9	18	frag	
8140	1987	1x2m	S9/E6	110-120	shell	marine shell							8	frag	
8141	1987	1x2m	S9/E6	90-100	charcoal	NA						10.6	9999		
8142	1987	1x2m	S9/E6	90-100	bone	NA							259	frag	
8143	1986	1x2m	S9/E6	80-90	flakedstone	scraper	basalt	7.5	4.2	2.2			1		
8144	1986	1x2m	S9/E6	80-90	flakedstone	scraper	basalt	8.7	5.0	1.5			1		
8146	1987	1x2m	S9/E6	90-100	bone	NA		0.8	0.5	0.4			1		fish vertebra
8147	1986	1x2m	S9/E6	80-90	groundstone	pestle	granitic	15.2	10.2	6.2			1	frag	
8148	1987	1x2m	S9/E6	90-100	pottery	TizonBrown		6.6	7.4	0.5			1		
8149	1987	1x2m	S9/E6	90-100	bone	NA		3.8	0.7	0.4			1	frag	cut
8150	1987	1x2m	S9/E6	90-100	bone	NA		1.2	1.0	0.3			1	frag	butchered
8151	1987	1x2m	S9/E6	90-100	bone	NA		1.7	0.8	0.2			1	frag	cut and polished
8152	1987	1x2m	S9/E6	90-100	bone	NA		1.2	0.5	0.5			1	frag	cut and polished
8153	1987	1x2m	S9/E6	100-110	bone	NA							119	frag	
8154	1987	1x2m	S9/E6	90-100	flakedstone	debitage	varied					43.4	31		
8155	1987	1x2m	S9/E6	90-100	groundstone	mano	granitic	9.2	4.5	4.9			1	frag	
8156	1987	1x2m	S9/E6	90-100	flakedstone	core	basalt	6.5	4.7	1.7			1	frag	
8157	1987	1x2m	S9/E6	90-100	other	other		18.0	2.8	0.7			1		paint brush
8158	1987	1x2m	S9/E6	90-100	groundstone	mano	granitic	8.3	6.5	4.0			1		
8159	1987	1x2m	S9/E6	100-110	bone	NA		2.3	0.7	0.2			1	fragment/b	polished
8160	1987	1x2m	S9/E6	100-110	FAR	NA	unidentified	8.5	6.2	1.8			1		cobble
8161	1987	1x2m	S9/E6	100-110	flakedstone	debitage	varied					14.0	12		
8162	1987	1x2m	S9/E6	100-110	flakedstone	scraper	quartzite	5.8	5.0	1.6			1		
8163	198?	1x2m	S13/E8	80-90	bone	NA							1117	frag	
8164	1986	1x2m	S13/E8	70-80	bone	NA							1306	frag	
8165	1986	1x2m	S13/E8	70-80	bone	NA		1.7	0.5	0.3			1		bird claw
8166	198?	1x2m	S13/E8	80-90	bone	NA		1.2	0.9	0.4			1	frag	cut and polished
8168	1987	1x2m	S9/E6	100-110	flakedstone	core	basalt	5.2	4.7	2.9			1	frag	
8169	1987	1x2m	S9/E6	100-110	flakedstone	core	basalt	4.3	4.0	3.5			1		
8170	1987	1x2m	S9/E6	100-110	flakedstone	core	quartz	6.0	4.5	4.5			1	frag	
8171	1987	1x2m	S9/E6	100-110	flakedstone	utilizedflake	basalt	3.1	3.0	1.0			1		
8172	1987	1x2m	S9/E6	100-110	flakedstone	core	basalt	7.3	3.0	0.9			1	frag	
8173	1987	1x2m	S9/E6	100-110	flakedstone	core	quartz	6.1	6.0	4.3			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8175	1987	1x2m	S9/E6	110-120	flakedstone	debitage	varied					5.8	4		
8176	1987	1x2m	S9/E6	100-110	flakedstone	scraper	basalt	7.1	5.6	2.5			1		
8178	1987	1x2m	S9/E6	100-110	flakedstone	scraper	basalt	4.0	2.2	3.2			1		
8179	1987	1x2m	S9/E6	100-110	groundstone	metatc	granitic	6.0	6.0	5.0			1	frag	
8180	1987	1x2m	S9/E6	100-110	groundstone	mano	granitic	6.6	5.6	5.5			1	frag	
8181	1987	1x2m	S9/E6	110-120	bone	NA							24	frag	
8182	1987	1x2m	S9/E6	110-120	flakedstone	core	quartz	5.0	3.2	2.2			1	frag	
8183	1986	1x2m	S2/W4	10-20	flakedstone	debitage	obsidian	1.5	0.9	0.2		0.3	1		
8184	1986	1x2m	S2/W4	10-20	flakedstone	utilizedflake	basalt	2.0	1.4	0.4			1		
8185	1986	1x2m	S13/E6	95-110	pottery	TizonBrown							25		
8186	1987	1x2m	S9/E6	110-120	bone	NA		3.5	0.7	0.4			1	frag	polished w/ possible resin
8187	1986	1x2m	S13/E6	95-110	bone	NA							1434	frag	
8188	1987	1x2m	S9/E6	110-120	bone	NA		3.1	2.2	0.6			1	fragment/b	polished
8189	1987	1x2m	S9/E6	110-120	bone	NA		1.4	1.0	0.3			1	frag	polished
8190	1987	1x2m	S9/E6	110-120	shell	bead		0.9	0.6	0.1			1	fragment/b	Olivella
8191	1987	1x2m	S9/E6	110-120	bone	NA		0.3	0.3	0.3			1		fish vertebra
8192	1987	1x2m	S9/E6	110-120	bone	NA		2.0	0.4	0.1			1	frag	polished
8193	1987	1x2m	S9/E6	110-120	bone	NA		1.7	0.4	0.1			1	frag	polished
8194	1987	1x2m	S9/E6	110-120	bone	NA		2.9	0.5	0.1			1	frag	polished
8195	1986	1x2m	S13/E8	0-75	pottery	TizonBrown							3		
8196	1986	1x2m	S13/E8	0-75	flakedstone	debitage	varied					3.6	11		
8197	1986	1x2m	S13/E8	0-75	shell	marine shell							38	frag	
8198	1986	1x2m	S13/E8	70-80	shell	marine shell						61.1	233	frag	
8199	1986	1x2m	S13/E8	70-80	charcoal	NA						56.5	9999		
8200	1982	1x2m	S18/W4	20-30	flakedstone	debitage	green	0.6	0.5	0.1			1		
8201	1982	1x2m	S18/W4	20-30	flakedstone	utilizedflake	basalt	2.4	2.0	0.2			1		
8202	198?	1x2m	S18/W0	70-80	flakedstone	utilizedflake	basalt	1.9	0.9	0.2			1		
8203	1982	1x2m	S18/W0	40-50	flakedstone	debitage	basalt	0.6	0.7	0.1			1		
8204	198?	1x2m	S17/E8	30-40	pottery	TizonBrown		1.7	0.6	0.6			1		
8205	198?	1x2m	S18/W6	30-40	flakedstone	debitage	green	3.3	1.4	0.9			1		
8206	1982	1x2m	S18/W4	30-40	flakedstone	core	basalt	4.0	2.1	2.4			1	frag	
8207	198?	1x2m	S18/W6	30-40	flakedstone	core	basalt	3.9	2.8	2.2			1		
8208	1982	1x2m	S18/W4	30-40	flakedstone	debitage	basalt	0.7	0.7	0.1			1		
8209	1982	1x2m	S14/W4	30-40	pottery	TizonBrown		1.4	1.0	0.5			1		
8210	1982	1x2m	S14/E2	10-20	flakedstone	projectilept	quartz	4.4	3.3	1.5			1		
8211	1982	1x2m	S14/E2	10-20	flakedstone	scraper	basalt	4.4	4.4	1.3			1		
8212	1982	1x2m	S14/E2	10-20	flakedstone	debitage	basalt	0.9	0.8	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8213	1982	1x2m	S14/E2	10-20	flakedstone	utilizedflake	basalt	1.9	1.5	0.2			1		
8214	1983	1x2m	S17/E6	40-50	flakedstone	scraper	quartzite	5.3	3.0	1.0			1		
8215	1983	1x2m	S13/E12	20-30	flakedstone	debitage	varied						99		
8216	1983	1x2m	S13/E12	20-30	flakedstone	debitage	basalt	0.6	0.5	0.1			1		
8217	1983	1x2m	S13/E12	20-30	flakedstone	utilizedflake	basalt	2.8	2.2	0.7			1		
8218	1983	1x2m	S13/E12	20-30	flakedstone	utilizedflake	chalcedony	2.0	1.6	0.2			1		
8219	1983	1x2m	S13/E12	20-30	flakedstone	utilizedflake	basalt	1.5	1.0	0.1			1		
8220	1982	1x2m	S17/E12	20-30	flakedstone	scraper	basalt	4.7	3.1	0.3			1		
8221	1982	1x2m	S17/E12	20-30	flakedstone	debitage	chert	2.8	1.1	0.4			1		
8222	1981	1x2m	S17/E6	10-20	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		
8223	1981	1x2m	S17/E6	10-20	flakedstone	projectilept	basalt	0.8	0.7	0.2			1	frag	
8224	1982	1x2m	S17/E6	30-40	flakedstone	debitage	chalcedony	1.8	0.7	0.1			1		
8225	1982	1x2m	S17/E6	30-40	flakedstone	debitage	chert	0.7	0.5	0.1			1		
8226	1982	1x2m	S17/E6	30-40	manuport	NA	unidentified	1.3	1.3	0.5			1		
8227	1982	1x2m	S17/E6	30-40	pottery	TizonBrown		1.0	0.7	0.4			1		
8228	1982	1x2m	S17/E6	50-60	pottery	TizonBrown		2.4	1.2	0.5			1		
8229	1982	1x2m	S17/E6	50-60	flakedstone	debitage	basalt	1.3	0.5	0.2			1		
8230	1982	1x2m	S17/E6	80-90	flakedstone	projectilept	quartzite	3.5	2.3	1.0			1		
8231	1982	1x2m	S17/E6	80-90	flakedstone	utilizedflake	unidentified	2.9	2.3	0.5			1		
8232	1981	1x2m	S13/E10	10-20	flakedstone	utilizedflake	chert	2.0	1.4	0.2			1		
8233	1983	1x2m	S13/E12	20-30	flakedstone	debitage	chalcedony	1.4	0.7	0.1			1		
8234	1983	1x2m	S13/E12	20-30	flakedstone	utilizedflake	basalt	2.5	1.5	0.5			1		
8235	1983	1x2m	S13/E12	20-30	flakedstone	utilizedflake	basalt	4.6	1.7	0.5			1		
8236	1983	1x2m	S13/E12	20-30	flakedstone	utilizedflake	chert	3.2	1.0	0.4			1	frag	
8237	1981	1x2m	S13/E14	20-30	flakedstone	utilizedflake	basalt	4.4	1.7	0.6			1		
8238	1981	1x2m	S13/E6	20-30	flakedstone	scraper	quartzite	2.4	1.8	0.7			1		
8239	1982	1x2m	S13/E10	20-30	flakedstone	scraper	other	4.3	2.7	1.2			1		rhyolite
8240	1982	1x2m	S13/E10	20-30	flakedstone	utilizedflake	basalt	2.0	1.5	0.5			1		
8241	1982	1x2m	S13/E10	20-30	flakedstone	debitage	basalt	2.0	1.4	0.1			1		
8242	1981	1x2m	S13/E10	10-20	flakedstone	utilizedflake	MVaphanitic	2.6	1.5	0.2			1		
8243	1982	1x2m	S13/E12	10-20	flakedstone	utilizedflake	quartzite	3.9	1.7	0.5			1		possible burin
8244	1982	1x2m	S13/E12	10-20	flakedstone	utilizedflake	basalt	2.3	1.6				1		
8245	1982	1x2m	S13/E12	10-20	flakedstone	projectilept	quartz	0.6	0.6	0.2			1	frag	
8246	1981	1x2m	S13/E14	10-20	flakedstone	projectilept	quartz	1.0	1.3	0.2			1	frag	
8247	1982	1x2m	S14/W6	20-30	flakedstone	utilizedflake	basalt	2.2	1.6	0.3			1		
8248	1982	1x2m	S14/W2	20-30	flakedstone	scraper	basalt	4.2	1.4	2.0			1		
8249	1983	1x2m	S14/W2	20-30	flakedstone	debitage	basalt	1.0	0.8	0.2			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8250	1983	1x2m	S14/W2	20-30	flakedstone	debitage	basalt	0.9	0.5	0.2			1		
8251	1983	1x2m	S14/W2	20-30	flakedstone	utilizedflake	green	2.2	1.9	0.3			1		
8252	1983	1x2m	S14/W2	20-30	flakedstone	utilizedflake	green	4.0	2.0	0.7			1		
8253	1982	1x2m	S17/E4	10-20	flakedstone	utilizedflake	green	1.5	1.1	0.3			1		
8254	1982	1x2m	S17/E4	10-20	flakedstone	utilizedflake	green	1.5	1.0	0.1			1	frag	
8255	1981	1x2m	S17/E10	20-30	flakedstone	utilizedflake	basalt	1.4	1.0	0.2			1	frag	
8256	1981	1x2m	S17/E6	10-20	flakedstone	scraper	quartzite	4.0	3.0	1.2			1		
8257	1982	1x2m	S17/E8	20-30	flakedstone	utilizedflake	chalcedony	2.1	2.1	0.3			1		
8258	1982	1x2m	S17/E8	20-30	flakedstone	scraper	quartzite	3.5	1.2	0.3			1		
8259	1982	1x2m	S17/E8	20-30	flakedstone	utilizedflake	chert	2.0	1.7	0.5			1		
8260	1982	1x2m	S17/E12	20-30	flakedstone	utilizedflake	quartzite	3.0	2.1	0.5			1		
8261	1982	1x2m	S17/E12	20-30	flakedstone	scraper	green	4.0	2.0	1.3			1		
8262	1982	1x2m	S17/E12	20-30	flakedstone	scraper	basalt	3.0	1.5	0.9			1		
8263	1982	1x2m	S17/E12	20-30	flakedstone	utilizedflake	green	1.5	0.8	0.2			1	frag	
8264	1982	1x2m	S17/E12	20-30	flakedstone	scraper	basalt	5.2	4.0	1.0			1		
8265	1981	1x2m	S17/E14	20-30	flakedstone	utilizedflake	green	1.4	1.3	0.2			1		
8266	1983	1x2m	S18/W2	20-30	flakedstone	utilizedflake	quartzite	1.9	1.3	0.2			1	frag	
8267	1983	1x2m	S18/W2	20-30	flakedstone	utilizedflake	green	2.6	1.0	0.3			1	frag	
8268	1982	1x2m	S18/W4	10-20	flakedstone	scraper	quartzite	3.7	1.7	1.7			1		
8269	1983	1x2m	S18/W2	20-30	flakedstone	scraper	green	2.5	2.0	0.8			1		
8270	1983	1x2m	S22/W0	10-20	flakedstone	core	quartzite	2.4	2.3	1.2			1	frag	
8271	1983	1x2m	S22/W0	10-20	flakedstone	utilizedflake	basalt	1.3	1.0	0.3			1		
8272	1981	1x2m	S22/W8	20-30	flakedstone	utilizedflake	chalcedony	2.0	1.1	0.1			1	frag	
8273	1983	1x2m	S26/W6	10-20	flakedstone	scraper	quartzite	3.5	3.0	0.8			1		
8274	198?	1x2m	S22/W0	10-20	flakedstone	projectilept	quartz	1.5	1.4	0.5			1	frag	
8275	198?	1x2m	S26/W0	10-20	flakedstone	projectilept	quartz	1.4	1.0	0.3			1	frag	
8276	198?	1x2m	S26/W0	20-30	flakedstone	utilizedflake	green	3.2	1.0	0.3			1	frag	
8277	1981	1x2m	S26/W8	20-30	flakedstone	utilizedflake	quartz	1.4	1.0	0.3			1	frag	
8278	1986	1x2m	S13/E8	80-90	bone	NA		1.4	1.0	0.3			1	frag	worked
8279	1986	1x2m	S19/W12	0-10	shell	bead		0.2	0.2	0.1			1		
8280	1986	1x2m	S17/W12	0-10	shell	bead		0.5	0.3	0.1			1	frag	
8281	1986	1x2m	S19/W12	0-10	shell	bead		0.6	0.6	0.1			1		
8282	1986	1x2m	S18/W12	70-80	shell	bead				0.1	0.7		2		
8283	1986	1x2m	S18/W12	70-80	shell	bead				0.1	0.6		4		"from wall rim"
8284	1986	1x2m	S9/E12	20-30	shell	bead		0.4	0.4	0.1			1		
8285	1986	1x2m	S19/W12	70-80	shell	bead				0.1	0.6		29	frag	from cave-in
8286	1986	Surface	frntofshed	surface	flakedstone	utilizedflake	granitic	6.0	4.5	0.6			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8287	1986	1x2m	S22/W4	10-20	flakedstone	scraper	basalt	8.0	2.2	1.2			1		
8288	1986	1x2m	S19/W12	0-10	flakedstone	utilizedflake	quartz	1.3	0.9	0.4			1	frag	
8289	1986	1x2m	S9/E12	20-30	glass	bead		0.3	0.3	0.1			1		
8290	1986	1x2m	S9/E12	20-30	glass	bead		0.3	0.4	0.1			1		
8291	1986	1x2m	S9/E12	20-30	glass	bead		0.3	0.3	0.1			1		
8293	1986	1x2m	S22/W2	40-50	shell	bead		0.2	0.6				1		
8294	1986	1x2m	S9/E12	20-30	flakedstone	projectilept	quartz	2.1	1.9	0.7			1	frag	
8295	1986	1x2m	S9/E12	20-30	shell	marine shell		1.2	0.7	0.3			1	frag	
8296	1986	1x2m	S9/E12	0-10	pottery	TizonBrown							2		
8297	1986	1x2m	S9/E12	0-10	flakedstone	debitage	varied					12.2	15		
8298	1986	1x2m	S18/W2	90-100	bone	NA		4.6	1.2	0.5			1	frag	butchered, polished
8299	1986	1x2m	S9/E12	20-30	bone	NA		5.7	3.0	2.7			1	frag	butchered
8300	1986	1x2m	S9/E12	0-10	bone	NA							5	frag	
8301	1986	1x2m	S10/E12	surface	flakedstone	core	quartzite	7.0	5.5	5.8			1		
8304	1986	1x2m	S10/E12	surface	flakedstone	core	basalt	5.0	3.4	3.0			1		
8305	198?	1x2m	S13/E8	80-90	flakedstone	scraper	MVaphanitic	4.7	3.8	1.8			1		
8306	1986	1x2m	S10/E12	surface	groundstone	hammerstone	quartz	7.5	5.9	4.5			1		
8307	1986	1x2m	S19/E8	surface	groundstone	mano	granitic	7.8	6.0	3.8			1	frag	
8308	1986	1x2m	S13/E8	80-90	flakedstone	scraper	quartzite	8.0	5.6	2.5			1		
8309	1986	1x2m	S12/E2	surface	groundstone	pestle	granitic	10.2	8.5	6.6			1	frag	
8311	1986	1x2m	S9/E12	30-40	groundstone	pestle	granitic	33.0	15.0	11.0			1		
8312	1986	1x2m	S9/E12	30-40	groundstone	pestle	granitic	23.0	10.0	12.0			1		
8313	1986	1x2m	S9/E6	70-80	pottery	TizonBrown							3		
8314	1986	1x2m	S9/E6	70-80	flakedstone	debitage	varied					43.6	42		
8315	198?	1x2m	S9/E6	70-80	bone	NA							900	frag	
8316	1986	1x2m	S9/E6	70-80	flakedstone	debitage	basalt	2.0	1.0	0.3			1		
8317	1986	1x2m	S9/E6	70-80	flakedstone	debitage	basalt	2.2	1.0	0.2			1		
8318	1986	1x2m	S9/E6	70-80	bone	NA		2.3	1.5	0.4			1	frag	polished
8319	1986	1x2m	S9/E6	70-80	bone	NA		1.7	1.0	0.2			1	frag	polished
8320	1986	1x2m	S9/E6	70-80	bone	NA		2.3	0.7	0.2			1	frag	polished
8321	1986	1x2m	S9/E6	70-80	bone	NA		1.6	0.5	0.1			1	frag	polished
8322	1986	1x2m	S9/E6	70-80	bone	NA		0.4	0.4	0.4			1		fish vertebra
8323	1986	1x2m	S9/E6	80-90	bone	NA		0.7	0.2	0.2			1		fish vertebra
8324	1986	1x2m	S9/E6	80-90	bone	NA		2.5	1.2	0.3			1		"fish spike"
8325	1986	1x2m	S9/E6	80-90	bone	NA		0.3	0.3	0.3			1		fish vertebra
8326	1986	1x2m	S22/W6	50-60	bone	NA		0.4	0.3	0.3			1		fish vertebra
8327	1986	1x2m	S18-19/W	salvage	shell	bead			0.6	0.1			20	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8328	1986	1x2m	S19/W12	10-20	shell	bead			0.6	0.1			1		
8329	1986	1x2m	S18/W12	10-80	shell	bead			0.7	0.1			3		
8330	1986	1x2m	S19/W12	10-20	shell	bead			0.7	0.1			12	frag	
8331	1986	1x2m	S18-19/W	salvage	shell	bead		0.2	0.2	0.1			1		
8332	1986	1x2m	S9/E12	30-40	shell	marine shell		1.3	1.0	0.1			1		
8333	1986	1x2m	S9/E12	30-40	shell	marine shell		0.9	0.8	0.1			1		
8334	1986	1x2m	S18/W12	N wall	shell	bead							2	frag	
8335	1986	1x2m	S13/E8	80-90	flakedstone	debitage	jasper	4.0	1.2	0.6			1		
8336	1986	1x2m	S18-19/W	salvage	flakedstone	debitage	obsidian	0.7	0.4	0.1			1		
8337	1986	1x2m	S13/E8	80-90	bone	NA		1.5	0.7	0.5			1	frag	polished
8338	1986	1x2m	S9/E12	30-40	bone	awl		1.6	0.6	0.4			1	frag	
8339	1986	1x2m	S19/W12	10-20	pottery	TizonBrown		2.0	3.5	0.5			1		rim sherd
8340	1986	1x2m	S9/E12	30-40	glass	bead		0.3	0.3	0.3			1		
8341	1986	1x2m	S9/E12	30-40	pottery	TizonBrown		1.8	1.5	0.4			1		rim sherd
8342	1986	1x2m	S19/W12	salvage	other	other		0.3	0.3	0.3			1		lead shot
8343	1986	1x2m	S9/E6	70-80	bone	NA		2.3	0.4	0.1			1		"fish spike"
8344	1986	1x2m	S9/E6	70-80	bone	NA		2.0	1.2	0.2			1	frag	butchered
8345	1986	1x2m	S9/E6	70-80	bone	NA		0.3	0.3	0.1			1		fish vertebra
8346	1986	1x2m	S9/E6	70-80	bone	NA		4.0	0.8	0.2			1	frag	shuttle
8347	1986	1x2m	S9/E6	70-80	groundstone	bead	soapstone	0.5	0.4	0.1			1		
8348	1986	1x2m	S9/E6	70-80	shell	marine shell						123.1	313	frag	
8349	1986	1x2m	S9/E6	70-80	flakedstone	debitage	varied					90.1	91		
8350	1986	1x2m	S9/E6	70-80	pottery	TizonBrown							12		
8351	1986	1x2m	S9/E6	70-80	pottery	ColoradoBuff		1.2	0.9	0.5			1		
8352	1986	1x2m	S9/E6	70-80	flakedstone	scraper	basalt	3.2	3.0	0.2			1		
8353	1986	1x2m	S9/E6	70-80	shell	marine shell						60.6	197	frag	
8354	1986	1x2m	S9/E6	70-80	flakedstone	scraper	MVporphyritic	4.3	2.5	0.5			1		
8355	1986	1x2m	S9/E6	70-80	flakedstone	utilizedflake	basalt	1.8	1.4	0.1			1		
8356	1986	1x2m	S9/E12	0-10	shell	marine shell						6.5	28	frag	
8357	1986	1x2m	S9/E6	70-80	flakedstone	core	unidentified	7.9	6.0	1.5			1	frag	
8358	1986	1x2m	S9/E6	70-80	flakedstone	core	quartzite	8.0	5.0	2.7			1		
8359	1986	1x2m	S9/E6	70-80	flakedstone	core	basalt	8.4	5.6	2.0			1	frag	
8360	1986	1x2m	S9/E6	80-90	shell	marine shell						7.8	38	frag	
8361	1986	1x2m	S9/E6	70-80	flakedstone	core	basalt	9.0	6.0	3.2			1	frag	
8362	1986	1x2m	S9/E6	70-80	flakedstone	core	basalt	6.5	4.7	1.8			1	frag	
8363	1986	1x2m	S9/E6	70-80	bone	NA							908	frag	
8364	1986	1x2m	S2/W4	0-10	pottery	TizonBrown							9		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8365	1986	1x2m	S2/W4	0-10	bone	NA							2	frag	
8366	1986	1x2m	S2/W4	0-10	flakedstone	debitage	varied					3.0	6		
8367	1986	1x2m	S2/W4	0-10	shell	marine shell						2.9	7	frag	
8368	1986	1x2m	S9/E6	80-90	pottery	TizonBrown							2		
8369	1986	1x2m	S9/E6	80-90	bone	NA		1.1	1.4	0.3			1	frag	cut
8370	1986	1x2m	S9/E6	80-90	flakedstone	debitage	varied						18		
8371	1986	1x2m	S9/E6	80-90	bone	NA							201	frag	
8372	1986	1x2m	S9/E6	80-90	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
8373	1986	1x2m	S9/E6	80-90	flakedstone	debitage	green						1		
8374	1986	1x2m	S9/E6	80-90	bone	NA		4.0	0.8	0.1			1	frag	polished
8375	1986	1x2m	S9/E6	80-90	bone	NA		1.8	0.5	0.1			1	frag	polished
8376	1986	1x2m	S13/E8	70-80	pottery	TizonBrown							5		
8377	1986	1x2m	S9/E6	70-80	other	other	other	8.2	5.6	4.0			1	frag	rhyolite cobble
8378	1986	1x2m	S9/E6	70-80	groundstone	mano	granitic	5.3	4.8	2.6			1	frag	
8379	1986	1x2m	S9/E6	80-90	flakedstone	projectilept	quartz	1.8	1.3	0.4			1		
8380	1987	1x2m	S17/E6	N wall	flakedstone	projectilept	quartz	1.5	0.6	0.2			1	frag	
8381	1986	1x2m	S9/E6	100-110	flakedstone	projectilept	basalt	2.4	2.0	0.4			1	frag	
8382	1987	1x2m	S9/E12	30-40	flakedstone	projectilept	quartz	3.0	1.6	0.6			1		
8383	1987	1x2m	S9/E6	110-120	shell	bead		0.6	0.5	0.1			1		asphaltum on both sides
8384	1986	1x2m	S22/W2	50-60	shell	bead		0.4	0.4	0.1			1		
8385	1987	1x2m	S17/E6	N wall	flakedstone	core	basalt	8.3	6.0	4.0			1	frag	
8386	1982	1x2m	S18/W0	60-70	bone	awl		1.9	0.3	0.3			1	frag	
8387	1982	1x2m	S18/W0	60-70	bone	awl		0.6	0.3	0.3			1	frag	
8388	1982	1x2m	S18/W0	60-70	bone	NA		1.2	0.5	0.3			1	frag	polished
8389	198?	1x2m	S13/E8	80-90	shell	marine shell						34.7	126	frag	
8390	198?	1x2m	S18/W0	50-60	bone	awl		1.8	0.4	0.3			1	frag	
8391	1987	Surface	At gate	surface	bone	NA		2.4	1.2	0.8			1	fragment/b	fabricator
8392	1987	1x2m	S18-19/W	salvage	shell	bead			0.7	0.1			6		
8393	1986	1x2m	S2/W4	10-20	shell	ornament		2.1	2.1	0.2			1		
8394	1987	1x2m	S13/E8	80-90	shell	bead		1.2	0.6	0.1			1		
8395	1987	1x2m	S10/E8	surface	shell	bead		0.4	0.4	0.1			1		
8396	1987	1x2m	S9/E12	30-40	pottery	TizonBrown		4.4	5.0	0.7			1		rim sherd
8397	1986	1x2m	S2/W4	10-20	bone	NA							18	frag	
8398	1986	1x2m	S2/W4	10-20	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		
8399	1986	1x2m	S2/W4	10-20	flakedstone	debitage	chert	0.8	0.4	0.1			1		
8400	1986	1x2m	S2/W4	10-20	flakedstone	utilizedflake	basalt	2.2	1.3	0.5			1	frag	
8401	198?	1x2m	S13/E8	80-90	pottery	TizonBrown		1.0	1.0	0.3			1		

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8403	1986	1x2m	S13/E8	70-80	flakedstone	core	basalt	5.7	3.4	1.6			1	frag	
8404	1986	1x2m	S13/E8	70-80	flakedstone	utilizedflake	quartzite	2.7	2.3	0.4			1		
8405	1986	1x2m	S13/E8	70-80	flakedstone	debitage	basalt	1.0	0.8	0.1			1		
8406	198?	1x2m	S13/E8	80-90	flakedstone	debitage	quartzite	2.1	2.1	1.8			1		
8407	198?	1x2m	S13/W8	80-90	flakedstone	core	basalt	6.3	5.0	2.1			1	frag	
8408	198?	1x2m	S13/E8	80-90	flakedstone	scraper	quartzite	3.6	2.9	1.4			1		
8409	1987	1x2m	S9/E12	40-50	pottery	ColoradoBuff		1.9	1.8	0.4			1		
8410	198?	1x2m	S13/E8	80-90	flakedstone	core	basalt	5.0	1.7	2.2			1	frag	
8411	198?	1x2m	S13/E8	80-90	flakedstone	core	unidentified	5.9	5.2	4.0			1	frag	
8412	198?	1x2m	S13/E8	80-90	flakedstone	scraper	basalt	7.0	3.8	1.2			1		
8413	198?	1x2m	S13/E8	80-90	flakedstone	scraper	quartzite	5.9	4.0	1.8			1		
8414	198?	1x2m	S13/E8	80-90	flakedstone	scraper	basalt	5.0	3.8	0.8			1		
8415	198?	1x2m	S13/E8	80-90	flakedstone	utilizedflake	basalt	3.5	3.1	0.7			1		
8416	198?	1x2m	S13/E8	80-90	flakedstone	scraper	quartzite	4.0	2.2	0.8			1		
8417	1986	1x2m	S13/E6	0-110	shell	marine shell						152.5	694	frag	
8418	1986	1x2m	S13/E6	0-110	bone	NA		2.1	0.9	0.6			1	frag	polished
8419	1986	1x2m	S13/E6	0-110	bone	NA		2.0	1.0	0.4			1	frag	polished
8420	1987	1x2m	S13/E12	70-80	bone	NA							480	frag	
8421	1987	1x2m	S9/E12	40-50	pottery	NA							13		
8422	1987	1x2m	S9/E12	40-50	bone	NA							225	frag	
8423	1987	1x2m	S9/E12	40-50	shell	marine shell						24.1	60	frag	
8424	1987	1x2m	S9/E12	40-50	flakedstone	debitage	varied					85.2	85		
8425	1987	1x2m	S9/E12	40-50	bone	NA		2.2	1.0	0.3			1		net shuttle
8426	1987	1x2m	S9/E12	40-50	flakedstone	debitage	obsidian					0.1	1		
8427	1987	1x2m	S9/E12	40-50	glass	bead		0.3	0.3	0.4			1		
8428	1987	1x2m	S9/E12	40-50	glass	bead		0.3	0.3	0.3			1		
8429	1987	1x2m	S9/E12	40-50	flakedstone	scraper	green	7.0	5.2	2.7			1		
8430	1986	1x2m	S13/E6	erosion	other	other	basalt	6.3	4.0	2.0			1	frag	cobble
8432	1986	1x2m	S13/E6	erosion	flakedstone	core	basalt	6.8	3.0	2.3			1	frag	
8433	1987	1x2m	S9/E12	40-50	flakedstone	core	basalt	6.0	4.7	3.2			1	frag	
8435	1986	1x2m	S13/E6	salvage	other	other	quartzite	4.9	4.1	3.8			1	frag	cobble
8437	1986	Surface	nearpath	surface	groundstone	pestle	granitic	30.0	16.0	8.0			1		
8438	1986	Surface	nearpath	surface	groundstone	pestle	unidentified	33.0	14.5	12.0			1		
8439	1987	1x2m	S12/13E6	cavein	groundstone	metate	granitic	33.0	20.0	21.2			1	frag	
8440	1986	1x2m	S13/E6	0-110	flakedstone	debitage	varied					425.0	245		
8441	1987	1x2m	S13/E12	70-80	flakedstone	utilizedflake	green	6.2	7.3	1.9			1		teshoa flake
8442	1986	1x2m	S13/E12	50-60	flakedstone	debitage	basalt	0.5	0.5	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8443	1987	1x2m	S9/E12	40-50	pottery	TizonBrown		1.1	1.1	0.4			1		
8444	1987	1x2m	S9/E12	40-50	flakedstone	utilizedflake	basalt	2.2	1.8	0.1			1		
8445	1987	1x2m	S9/E12	40-50	flakedstone	utilizedflake	basalt	2.4	1.7	0.3			1		
8446	1987	1x2m	S9/E12	40-50	flakedstone	utilizedflake	green	1.6	1.4	0.3			1		
8447	1987	1x2m	S9/E12	40-50	flakedstone	utilizedflake	basalt	2.0	1.4	0.2			1		
8448	1987	1x2m	S9/E12	40-50	flakedstone	utilizedflake	green	2.1	1.1	0.3			1		
8449	1987	1x2m	S9/E12	40-50	flakedstone	debitage	basalt	1.3	0.5	0.1			1		
8450	1987	1x2m	S9/E12	40-50	flakedstone	debitage	basalt	2.2	0.9	0.1			1		
8451	1987	1x2m	S9/E12	40-50	flakedstone	utilizedflake	basalt	1.8	1.0	0.2			1		
8452	1987	1x2m	S9/E12	40-50	flakedstone	utilizedflake	basalt	1.2	1.0	0.1			1		
8453	1987	1x2m	S9/E12	40-50	flakedstone	debitage	basalt						1		
8454	1987	1x2m	S13/E12	80-90	shell	marine shell						40.2	93	frag	
8455	1987	1x2m	S13/E12	80-90	shell	bead		1.7	0.9	0.1			1		Olivella
8456	1986	1x2m	S9/E12	20-30	shell	marine shell						24.3	120	frag	
8457	1986	1x2m	S9/E12	20-30	pottery	NA							19		
8458	1986	1x2m	S9/E12	20-30	flakedstone	debitage	varied					25.0	47		
8459	1985	1x2m	S13/E12	50-60	charcoal	NA						14.9	9999		
8460	1986	1x2m	S13/E12	60-70	charcoal	NA						6.8	9999		
8461	1986	1x2m	S13/E12	30-40	charcoal	NA						6.1	9999		
8462	1987	1x2m	S13/E12	80-90	charcoal	NA						14.4	9999		
8463	1987	1x2m	S13/E12	70-80	charcoal	NA						15.7	9999		
8464	198?	1x2m	S13/E8	60-70	charcoal	NA						5.0	9999		
8465	1986	1x2m	S18/W2	90-100	charcoal	NA						15.5	9999		
8466	1986	1x2m	S18/W2	100-110	charcoal	NA						2.2	9999		
8467	1985	1x2m	S18/W6	70-80	charcoal	NA						69.8	9999		
8468	1987	1x2m	S9/E12	70-80	flakedstone	debitage	basalt	0.7	0.5	0.1			1		
8469	1986	1x2m	S2/W4	0-10	charcoal	NA						1.4	9999		
8470	1986	1x2m	S19/W12	0-10	charcoal	NA						0.8	9999		
8471	1986	1x2m	S9/E12	30-40	charcoal	NA						2.8	9999		
8472	1987	1x2m	S9/E12	80-90	charcoal	NA						11.1	9999		
8473	1986	1x2m	S9/E12	0-10	charcoal	NA						0.5	9999		
8474	1986	1x2m	S9/E12	10-20	charcoal	NA						0.9	9999		
8475	1986	1x2m	S9/E12	20-30	charcoal	NA						3.8	9999		
8476	1987	1x2m	S9/E12	70-80	other	other	schist	4.9	2.2	1.4			1	frag	
8478	1987	1x2m	S9/E12	80-90	flakedstone	projectilept	basalt	3.8	1.5	0.5			1		
8479	1987	1x2m	S9/E12	80-90	flakedstone	projectilept	quartz	1.0	1.2	0.2			1	frag	
8480	1986	1x2m	S9/E12	50-60	charcoal	NA						25.5	9999		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8491	1986	1x2m	S9/E12	60-70	charcoal	NA						15.9	9999		
8492	1987	1x2m	S9/E12	70-80	charcoal	NA						24.7	9999		
8493	1987	1x2m	S9/E12	80-90	charcoal	NA						18.2	9999		
8494	198?	1x2m	S9/E12	50-60	groundstone	mano	granitic	7.3	5.0	3.7			1	frag	
8496	1986	1x2m	S22/W2	30-40	charcoal	NA						93.2	9999		
8497	1986	1x2m	S22/W2	40-50	charcoal	NA						42.2	9999		
8498	1986	1x2m	S9/E12	30-40	flakedstone	debitage	basalt	3.0	3.0	1.8			1		
8500	1986	1x2m	S22/W6	80-90	charcoal	NA						19.1	9999	fragment/b	
8501	1986	1x2m	S9/E6	70-80	charcoal	NA						15.5	9999	fragment/b	
8502	1986	1x2m	S9/E6	70-80	charcoal	NA						10.7	9999	fragment/b	
8504	1986	1x2m	S9/E6	80-90	charcoal	NA						2.4	9999	fragment/b	
8505	1985	1x2m	S17/E4	120-130	charcoal	NA						0.9	9999	fragment/b	
8506	1987	1x2m	S9/E12	40-50	flakedstone	core	quartzite	5.2	2.8	1.3			1	frag	
8507	1987	1x2m	S9/E7	40-50	flakedstone	core	quartzite	3.2	2.8	3.2			1	frag	
8508	1985	1x2m	S17/E4	110-120	bone	NA						5.2	19	frag	
8509	1985	1x2m	S17/E4	120-130	flakedstone	debitage						7.1	10	frag	
8510	1985	1x2m	S17/E4	110-120	shell	marine shell						2.5	14	frag	
8511	1985	1x2m	S17/E4	110-120	pottery	NA		1.2	1.0	0.2			1	frag	
8513	1986	1x2m	S18/W8	70-80	bone	NA						19.8	257	frag	
8514	1987	1x2m	S18/W12	70-80	flakedstone	debitage							102	frag	
8515	1986	1x2m	S18/W12	70-80	charcoal	NA						45.9	9999	fragment/b	
8516	1986	1x2m	S18/W2	90-100	pottery	NA							4	frag	
8517	1986	1x2m	S18/W2	90-100	shell	NA						7.4	17	frag	
8518	1986	1x2m	S18/W2	100-110	flakedstone	debitage						0.5	1	frag	clear
8519	1986	1x2m	S18/W2	100-110	shell	NA						0.2	1	frag	
8520	1986	1x2m	S18/W2	100-110	bone	NA						5.5	4	frag	tan
8521	1986	1x2m	S18/W2	90-100	other	NA	other						1	frag	Hematite (ochre)
8522	1986	1x2m	S18/W2	90-100	bone	NA						21.6	237	frag	
8523	1986	1x2m	S18/W12	70-80	pottery	NA							1	frag	tizon br.
8524	1986	1x2m	S18/W12	70-80	other	bead		0.6	0.4	0.2			1	frag	
8525	1986	1x2m	S18/W12	70-80	shell	NA						3.8	999	frag	
8526	1986	1x2m	S18/W12	70-80	flakedstone	debitage		0.4	0.4	0.1			1	frag	
8527	1986	1x2m	S18/W12	70-80	flakedstone	debitage		0.9	0.6	0.1			1	frag	
8528	1986	1x2m	S18/W12	70-80	flakedstone	debitage		0.7	0.4	0.1			1	frag	
8529	1986	1x2m	S18/W12	70-80	flakedstone	debitage		0.5	0.4	0.1			1	frag	
8530	1986	1x2m	S18/W12	70-80	flakedstone	debitage		0.9	0.8	0.1			1	frag	
8531	1987	1x2m	S9/E12	80-90	bone	NA						19.7	128	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8532	1987	1x2m	S9/E12	80-90	pottery	TizonBrown							2	frag	
8533	1986	1x2m	S18/W2	90-100	groundstone	mano		6.8	4.9	4.6			1	frag	
8534	1986	1x2m	S18/W2	90-100	flakedstone	core		4.3	2.2	2.5			1	frag	
8535	1986	1x2m	S18/W2	90-100	flakedstone	scraper		5.5	4.3	1.4			1	frag	
8536	1986	1x2m	S18/W2	90-100	flakedstone	scraper		4.8	3.4	1.2			1	frag	
8538	1986	1x2m	S18/W12	70-80	flakedstone	debitage		1.5	1.3	0.1			1	frag	
8539	1986	1x2m	S18/W2	90-100	flakedstone	debitage		2.2	1.8	0.1			1	frag	
8540	1987	1x2m	S9/E12	80-90	flakedstone	NA						14.1	30	frag	
8541	1987	1x2m	S9/E12	80-90	shell	marine shell						20.7	47	frag	
8542	1987	1x2m	S9/E12	80-90	flakedstone	utilizedflake		2.3	1.6	0.3			1	frag	
8543	1987	1x2m	S9/E12	80-90	flakedstone	scraper		3.3	2.5	1.2			1	frag	
8544	1987	1x2m	S9/E12	80-90	shell	bead		1.5	0.8	0.1			1	frag	
8545	1987	1x2m	S9/E12	80-90	other	NA		1.0	0.5	0.3			1	frag	otolith
8547	1986	1x2m	S9/E12	30-40	groundstone	metate		10.5	10.5	3.5			1	frag	
8548	1986	1x2m	S13/E12	60-70	flakedstone	debitage						64.2	67	frag	
8549	1986	1x2m	S13/E12	60-70	flakedstone	scraper		4.7	2.0	0.7			1	com	
8550	1986	1x2m	S13/E12	60-70	flakedstone	utilizedflake		1.9	1.6	0.1			1	frag	
8551	1986	1x2m	S13/E12	60-70	flakedstone	tool		3.5	2.3	1.6			1	frag	
8552	1986	1x2m	S13/E12	60-70	flakedstone	debitage		0.8	0.6	0.1			1	frag	
8553	1986	1x2m	S13/E12	60-70	flakedstone	NA		1.2	0.5	0.3			1	frag	SCHIST
8554	1986	1x2m	S13/E12	60-70	flakedstone	scraper		2.7	3.7	1.4			1	frag	
8555	1987	1x2m	S13/E12	70-80	flakedstone	debitage						144.7	64		
8556	1986	1x2m	S13/E12	60-70	groundstone	bead		5.0	2.5	1.1			1	frag	
8557	1986	1x2m	S13/E12	60-70	groundstone	mano		5.5	4.9	1.5			1	frag	
8558	1987	1x2m	S13/E12	70-80	flakedstone	core		5.0	3.0	3.0			1	frag	
8559	1986	1x2m	S9/E12	10-20	pottery	TizonBrown							10	frag	
8560	1986	1x2m	S9/E12	10-20	bone	NA						10.0	63	frag	TAN
8561	1986	1x2m	S9/E12	10-20	shell	NA						44.9	103	frag	TAN
8562	1986	1x2m	S9/E12	10-20	flakedstone	utilizedflake		1.8	1.5	0.1			1	frag	D/C GREY
8563	1986	1x2m	S9/E12	20-30	bone	NA						23.0	160	frag	
8564	1986	1x2m	S9/E12	10-20	flakedstone	debitage						24.3	35	frag	
8565	1986	1x2m	S9/E12	20-30	flakedstone	scraper		6.0	4.3	2.0			1	frag	
8566	1986	1x2m	S9/E12	10-20	flakedstone	NA		0.8	0.8	0.1			1	frag	
8567	1986	1x2m	S9/E12	30-40	bone	NA						19.2	68	frag	
8568	1986	1x2m	S9/E12	30-40	pottery	NA							23	frag	
8569	1986	1x2m	S9/E12	30-40	shell	NA						33.7	99	frag	
8570	1986	1x2m	S9/E12	20-30	flakedstone	scraper		3.5	2.8	0.9			1	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8572	1987	1x2m	S9/E12	50-60	glass	bead		0.3	0.3	0.1			1	frag	
8573	1987	1x2m	S9/E12	60-70	flakedstone	debitage						28.7	35	frag	
8574	1987	1x2m	S9/E12	50-60	shell	NA						55.1	116	frag	
8576	1987	1x2m	S9/E12	60-70	bone	NA						13.0	83	frag	
8577	1987	1x2m	S9/E12	50-60	flakedstone	NA	obsidian	1.0	0.8	0.1			1	frag	
8578	1987	1x2m	S9/E12	60-70	pottery	NA						3.9	2	frag	
8579	1987	1x2m	S9/E12	50-60	flakedstone	NA	obsidian	1.0	0.8	0.1			1	frag	
8580	1987	1x2m	S9/E12	50-60	flakedstone	debitage						0.1	2	frag	
8581	1987	1x2m	S9/E12	60-70	groundstone	mano		6.8	4.7	4.2			1	frag	
8582	1987	1x2m	S9/E12	60-70	groundstone	mano		9.0	4.2	6.2			1	frag	
8583	1987	1x2m	S9/E12	60-70	flakedstone	scraper		4.0	2.8	0.7			1	frag	
8584	1987	1x2m	S9/E12	60-70	flakedstone	utilizedflake		3.1	1.4	0.3			1	frag	
8585	1987	1x2m	S9/E12	60-70	shell	NA						41.8	57	frag	
8586	1987	1x2m	S9/E12	60-70	flakedstone	debitage	obsidian	1.5	1.0	0.4			1	frag	FLAKE
8587	1987	1x2m	S9/E12	60-70	flakedstone	NA	obsidian	0.8	0.4	0.1			1	frag	
8588	1987	1x2m	S9/E12	60-70	glass	bead		13.0	0.3	0.1			1	frag	
8591	1987	1x2m	S9/E12	40-50	groundstone	metate		7.5	5.0	6.5			1	frag	
8597	1986	1x2m	S9/E12	30-40	flakedstone	debitage						74.4	60	frag	
8598	1986	1x2m	S9/E12	50-60	shell	NA						61.4	180	frag	
8599	1986	1x2m	S13/E12	50-60	pottery	NA							14	frag	
8600	1986	1x2m	S13/E12	50-60	pottery	NA		2.4		0.7			1	frag	
8601	1986	1x2m	S12/E12	60-70	pottery	NA							14	frag	
8602	1986	1x2m	S13/E12	50-60	other	NA	schist	7.0	3.5	3.4			1	frag	
8603	1986	1x2m	S13/E12	60-70	bone	NA						100.6	619		tan
8604	1986	1x2m	S13/E12	60-70	bone	NA		0.6	0.3	0.4		0.1	1	frag	fish vertabre
8605	1987	1x2m	S13/E12	50-60	bone	NA						91.9	702	frag	
8606	1986	1x2m	S13/E12	50-60	charcoal	NA						1.1	9999	frag	
8607	1987	1x2m	S13/E12	70-80	flakedstone	debitage						76.7	79	frag	chipping waste
8608	1986	1x2m	S13/E12	60-70	shell	bead		0.9	0.5	0.4		0.1	1	frag	oliveilla bead
8609	1986	1x2m	S13/E12	60-70	shell	NA						105.3	999	frag	shell and shell frags
8610	1985	1x2m	S13/E12	50-60	shell	NA						55.2	141	frag	shell and shell frags
8611	1986	1x2m	S13/E12	50-60	groundstone	metate		9.8	6.7	4.5			1	frag	
8612	1985	1x2m	S13/E12	50-60	pottery	TizonBrown							12	frag	
8613	1985	1x2m	S13/E12	50-60	bone	NA						42.5	439	frag	
8614	1986	1x2m	S13/E12	50-60	other	NA		5.0	4.8	3.3			1	frag	lore fragment
8615	1986	1x2m	S13/E12	50-60	flakedstone	core		7.4	3.1	2.8			1	frag	
8616	1986	1x2m	S13/E12	50-60	groundstone	mano		4.2	4.0	3.8			1	frag	

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8617	1985	1x2m	S13/E12	50-60	flakedstone	core		8.7	6.2	3.4			1	frag	cobble core frag
8618	1986	1x2m	S13/E12	50-60	flakedstone	core		9.0	4.2	4.0			1	frag	core frag
8619	1985	1x2m	S13/E12	50-60	flakedstone	chopper		11.4	7.0	3.2			1	frag	possible chopper/scraper
8620	1985	1x2m	S13/E12	20-30	other	NA		8.4	4.0	2.8			1	frag	possible graver
8621	1985	1x2m	S13/E12	50-60	flakedstone	debitage						44.2	49	frag	chipping waste
8622	1985	1x2m	S13/E12	50-60	flakedstone	utilizedflake		3.2	2.0	0.4			1	frag	
8623	1987	1x2m	S13/E12	70-80	pottery	TizonBrown							5	frag	sherds
8624	1987	1x2m	S13/E12	70-80	shell	NA							999	frag	shell & shell frags
8625	1987	1x2m	S13/E12	80-90	bone	NA						39.9	245	frag	
8626	1987	1x2m	S13/E12	80-90	flakedstone	debitage						74.5	42	frag	chipping waste
8627	1987	1x2m	S13/E12	60-70	flakedstone	scraper		6.0	4.5	2.0			1	frag	carmel-white-grey
8628	1987	1x2m	S13/E12	60-70	flakedstone	utilizedflake		2.5	1.3	0.3			1	frag	
8629	1987	1x2m	S13/E12	60-70	flakedstone	core		6.2	4.2	2.7			1	frag	dark grey
8630	1987	1x2m	S13/E12	60-70	flakedstone	NA	obsidian	1.0	0.9	0.3			1	frag	possibe daub & waddle
8631	1987	1x2m	S13/E12	60-70	flakedstone	core		7.9	5.0	2.0			1	frag	
8632	1987	1x2m	S13/E12	60-70	flakedstone	core		6.5	5.3	2.5			1	frag	
8640	1987	1x2m	S13/E12	70-80	pottery	NA		1.9	0.6	0.5			1	frag	Pottery sherd with incisin
8641	1987	1x2m	S13/E12	70-80	bone	NA		0.7	0.7	0.3			1	frag	fish vertabre
8643	1987	1x2m	S13/E12	70-80	groundstone	mano		5.8	5.6	4.5			1	frag	mano fragment
8644	1987	1x2m	S13/E12	70-80	flakedstone	chopper		9.0	5.5	3.2			1	frag	
8645	1987	1x2m	S13/E12	70-80	flakedstone	utilizedflake		1.8	1.2	0.1			1	frag	
8646	1987	1x2m	S13/E12	70-80	flakedstone	core		3.0	1.8	2.4			1	frag	core with resin, color: dk.
8647	1987	1x2m	S9/E12	70-80	pottery	TizonBrown							3	frag	
8648	1987	1x2m	S9/E12	70-80	bone	NA		3.8	1.7	0.3			1	frag	cut & abraded
8649	1987	1x2m	S9/E12	70-80	other	NA		1.8	1.0	0.6			1	frag	fabricator fragment antler
8650	1987	1x2m	S9/E12	70-80	flakedstone	debitage						4.3	18	frag	
8651	1987	1x2m	S9/E12	70-80	bone	NA						12.0	89	frag	
8652	1987	1x2m	S18/W6	70-80	pottery	TizonBrown							7	frag	
8653	1985	1x2m	S18/W6	70-80	bone	NA						23.0	257	frag	
8654	1985	1x2m	S18/W6	70-80	shell	NA						7.0	999	frag	
8655	1985	1x2m	S18/W6	70-80	flakedstone	debitage						17.6	30	frag	
8656	1985	1x2m	S18/W6	70-80	flakedstone	debitage		0.8	0.7	0.1			1	frag	micro-flake
8657	1985	1x2m	S18/W6	70-80	flakedstone	utilizedflake		3.5	1.5	0.2			1	frag	blade
8658	1985	1x2m	S18/W6	70-80	flakedstone	scraper		3.5	3.8	1.2			1	frag	
8659	1985	1x2m	S18/W6	70-80	flakedstone	debitage		4.0	2.8	1.5			1	frag	
8660	1985	1x2m	S18/W6	70-80	flakedstone	core		5.5	3.6	3.6			1	frag	core fragment
8661	1986	1x2m	S18/W6	surface	other	NA		4.2	3.7	0.5			1	frag	altered sherd (cave in)

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8662	1986	1x2m	S19/W6	0-10	other	NA		1.1	0.8	0.3			1	frag	tooth root
8663	1986	1x2m	1	0-10	shell	NA						21.8	33	frag	3 chione ©,8.7g
8664	1986	1x2m	1	0-10	bone	NA						15.2	126		tan
8665	1986	1x2m	1		flakedstone	utilizedflake	green	3.0	1.2	0.2			1		cave-in salvage
8667	1986	1x2m	1		flakedstone	debitage		3.2	2.0	1.8			1	frag	lt. Grey
8668	1986	1x2m	1		pottery	TizonBrown							3	frag	
8669	1985	1x2m	1		flakedstone	debitage						0.8	6	frag	2 basalt .3g
8670	1986	1x2m	1		bone	NA						0.5	2	frag	
8671	1986	1x2m	1	0-10	pottery	TizonBrown							11	frag	pottery sherds
8672	1986	1x2m	1	surface	flakedstone	scraper	quartz	4.3	3.1	1.3		14.0	1	com	
8673	1986	1x2m	1	30-40	shell	marine shell						25.9	68	frag	12 chione (u) 11.4g,
8674	1986	1x2m	1	30-40	pottery	ColoradoBuff		3.7	2.5	0.3			1	frag	desert
8675	1986	1x2m	1	30-40	pottery	TizonBrown							49	frag	sherds
8676	1986	1x2m	1	30-40	shell	ornament		1.4	1.1	0.1			1		possible pendent
8677	1986	1x2m	1	0-10	flakedstone	debitage	varied					33.0	74	frag	18 basalt 14.7g,
8678	1986	1x2m	1		flakedstone	utilizedflake	quartz	1.4	1.4	0.2			1		
8679	1986	1x2m	1	30-40	flakedstone	debitage	varied					70.4	94	frag	39 basalt 26g, 1 felsiteg,
8680	1986	1x2m	S22/W2	30-40	bone	NA						80.2	119	frag	tan
8681	1986	1x2m	S22/W2	30-40	flakedstone	core		8.1	6.4	2.6			1	frag	
8682	1986	1x2m	S22/W2	30-40	flakedstone	core		8.6	5.9	3.3			1	frag	
8683	1986	1x2m	S22/W2	30-40	flakedstone	utilizedflake		1.9	1.6	0.2			1	frag	
8684	1986	1x2m	S22/W2	30-40	flakedstone	utilizedflake		2.1	1.9	0.4			1	frag	
8685	1986	1x2m	S22/W2	30-40	flakedstone	debitage		0.8	0.8	0.1			1	frag	micro-flake
8686	1986	1x2m	S9/E2	30-40	groundstone	NA		9.9	5.5	3.0			1	frag	cobble frag
8687	1986	1x2m	S22/W2	40-50	pottery	TizonBrown							15	frag	sherds
8689	1986	1x2m	S22/W2	40-50	shell	marine shell						18.4	999	frag	
8694	1987	1x2m	S9/E12	70-80	glass	bead		0.3	0.3	0.3			1	frag	glass trade bead, turquois
8695	1987	1x2m	S9/E12	70-80	groundstone	mano		8.0	8.5	3.6			1	frag	
8696	1987	1x2m	S9/E12	70-80	shell	marine shell						22.2	54	frag	
8697	1986	1x2m	S22/W2	40-50	flakedstone	debitage						37.9	87	frag	chipping waste
8698	1986	1x2m	S22/W2	40-50	flakedstone	utilizedflake		2.5	1.8	0.1			1	frag	
8699	198?	1x2m	S22/W2	40-50	flakedstone	utilizedflake		2.8	2.2	0.5			1	frag	
8700	1986	1x2m	S22/W2	40-50	bone	NA						103.1	965	frag	
8701	1986	1x2m	S22/W2	40-50	bone	NA		2.0	0.6	0.4			1	frag	polished
8702	1986	1x2m	S22/W2	40-50	bone	NA		1.5	2.0	0.4			1	frag	polished & striated bone f
8703	1986	1x2m	S22/W2	40-50	bone	NA		2.6	1.0	0.4			1	frag	worked-round striated bo
8704	1986	1x2m	S22/W2	80-90	pottery	TizonBrown							6	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8705	1986	1x2m	S22/W2	80-90	bone	NA						24.1	124	frag	tan
8706	1986	1x2m	S22/W2	80-90	other	NA		0.5	0.5	0.5			1	frag	clay ball
8707	1986	1x2m	S22/W6	80-90	flakedstone	scraper		4.7	3.0	1.2			1	frag	reddish/brown
8708	1986	1x2m	S22/W6	80-90	flakedstone	scraper		4.9	3.5	1.5			1	frag	
8709	1986	1x2m	S22/W2	40-50	flakedstone	core		4.5	3.6	2.5			1	frag	core fragments
8710	1987	1x2m	S19/W12	10-20	glass	bead		0.2	0.3	0.1			1	frag	
8711	1987	1x2m	S19/W12	10-20	other	NA		3.0	0.7	0.1			1	frag	manufacturing waste
8712	1987	1x2m	S19/W12	10-20	shell	bead		0.4	0.4	0.1			1	frag	clam disc bead
8713	1986	1x2m	S22/W6	80-90	flakedstone	utilizedflake		2.4	1.8	0.2			1	frag	
8714	1986	1x2m	S22/W6	80-90	flakedstone	utilizedflake		3.0	1.6	0.3			1	frag	
8715	1986	1x2m	S22/W6	80-90	flakedstone	debitage						14.0	27	frag	
8716	1987	1x2m	S19/W12	10-20	other	bead		0.2	0.3	0.1			8	frag	micro disc beads
8717	1986	1x2m	S22/W6	90-100	bone	NA						1.7	7	frag	
8718	1986	1x2m	S22/W6	90-100	shell	bead		1.4	0.8	0.9			1	frag	olivella shell beads
8719	1986	1x2m	S2/W6	90-100	flakedstone	debitage	obsidian	1.2	0.3	0.2		0.2	1	frag	obsidian chipping waste
8720	1986	1x2m	S22/W6	90-100	flakedstone	debitage						0.2	1	frag	
8721	1987	1x2m	S19/W12	10-20	shell	bead		0.4	0.4	0.1			1	frag	clam disc bead
8722	1987	1x2m	S19/W12	10-20	shell	bead			0.8	0.1			128	frag	olivella disc beads
8723	1986	1x2m	S22/W6	80-90	shell	NA						1.8	14	frag	
8724	1987	1x2m	S22/W12	10-20	other	NA		3.0	1.2	1.1			1	frag	tan
8725	1987	1x2m	S19/W12	10-20	pottery	TizonBrown							11	frag	pottery sherds
8726	1987	1x2m	S19/W12	10-20	shell	marine shell		1.8	0.8	0.1			1	frag	piece out for disc bead?
8727	1987	1x2m	S19/W12	10-20	bone	NA							387	frag	
8728	1987	1x2m	S13/E8	90-100	charcoal	NA						26.9	9999	frag	Dk grey
8729	1987	1x2m	S13/E8	90-100	pottery	TizonBrown							1	frag	
8730	1987	1x2m	S19/W12	10-20	bone	NA		2.5	0.9	0.3			1	frag	polished bone, burned
8731	1987	1x2m	S19/W12	10-20	flakedstone	debitage						3.8	28	frag	
8733	1987	1x2m	S13/E8	90-100	shell	NA						22.2	88	frag	1 crab claw frag
8735	1987	1x2m	S13/E8	90-100	groundstone	bead	soapstone	0.5	0.5	0.1			1	frag	steatite
8736	1987	1x2m	S19/W12	10-20	flakedstone	utilizedflake		3.7	2.0	1.0			1	frag	dark green
8737	1986	1x2m	S22/W2	40-50	flakedstone	core		4.8	4.0	2.8			1	frag	
8738	1987	1x2m	S19/W12	10-20	flakedstone	debitage	varied					23.9	111	frag	chipping waste-26 basalt
8739	1986	1x2m	S22/W2	40-50	flakedstone	core	quartz	4.5	4.5	4.0		0.0	1	frag	heavy
8740	1987	1x2m	S13/E8	90-100	bone	NA						85.6	941	frag	
8741	1986	1x2m	S22/W2	40-50	flakedstone	core		3.3	2.0	2.7			1		
8742	1983	1x2m	S27/W2-	60-70	pottery	TizonBrown		4.6	2.7	0.5			1		From 5064- could be rim
8743	1987	1x2m	S2/W4	20-30	pottery	TizonBrown							43		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8744	1987	1x2m	S2/W4	20-30	pottery	TizonBrown		5.0	2.5	0.5			1		curved lip
8745	1987	1x2m	S2/W4	20-30	pottery	TizonBrown		1.4	0.6	0.3			1		
8746	1987	1x2m	S2/W4	30-40	pottery	TizonBrown		5.7	5.0	0.6			1		heavy veg. Charcoal resid
8748	1987	1x2m	S2/W4	20-30	shell	marine shell						13.7	43		6 Chione californiensis 8.
8749	1987	1x2m	S2/W4	20-30	flakedstone	projectilept	basalt	3.0	1.3	0.2			1		
8750	1987	1x2m	S2/W4	20-30	pottery	TizonBrown							1		pendant- heavy polish, ho
8751	1987	1x2m	S2/W4	20-30	shell	marine shell		0.4	0.4	0.1			1		white clam shell bead
8753	1987	1x2m	S2/W4	20-30	flakedstone	NA	quartzite	1.3	1.2	0.2			1	frag	
8754	1987	1x2m	S2/W4	20-30	bone	NA						12.3	38	frag	
8755	1987	1x2m	S2/W4	20-30	flakedstone	utilizedflake	basalt	2.0	0.8	0.1			1		
8756	1987	1x2m	S2/W4	20-30	flakedstone	utilizedflake	basalt	2.2	1.0	0.1			1		
8757	1987	1x2m	S2/W4	20-30	flakedstone	debitage	basalt	0.8	0.6	0.1			1		
8758	1987	1x2m	S2/W4	20-30	flakedstone	utilizedflake	chalcedony	2.6	1.8	0.4			1		
8759	1987	1x2m	S2/W4	20-30	flakedstone	debitage	varied					24.7	75		15 basalt 5.5g, 3 felsite .5
8760	1987	1x2m	S2/W4	20-30	flakedstone	NA	basalt	1.0	0.5	0.1			1		
8761	1987	1x2m	S2/W4	20-30	charcoal	NA						95.8	9999		
8762	1987	1x2m	S2/W4	20-30	charcoal	NA						47.0	9999		
8763	1987	1x2m	S13/E8	90-100	flakedstone	debitage	varied					19.5	51		36 basalt 8.2, 2 chalcedon
8771	1987	1x2m	S13/E8	90-100	bone	NA		0.9	0.5	0.2			1		Otolith
8772	1987	1x2m	S13/E8	90-100	flakedstone	debitage	obsidian	0.5	0.4	0.1			1	frag	Flake Micro
8773	1987	1x2m	S13/E8	90-100	flakedstone	debitage	basalt	0.6	0.5	0.1			1		Micro Flake
8776	1987	1x2m	S2/W4	20-30	flakedstone	core	quartz	6.0	3.5	2.7			1	frag	Core Fragment
8777	1987	1x2m	S2/W4	20-30	groundstone	metate	granitic	6.2	4.5	3.2			1	frag	
8778	1987	1x2m	S2/W4	20-30	groundstone	metate	granitic	5.0	5.0	2.0			1	frag	
8780	1987	1x2m	S13/E12	90-100	bone	NA						23.5	192	frag	
8781	1987	1x2m	S13/E8	100-110	shell	NA						50.6	90	frag	1 calif horn .5gr, 1 gian cl
8782	1987	1x2m	S13/E12	90-100	flakedstone	debitage	varied					29.6	18		8 basalt 21.5g, 1 felsite 5.
8783	1987	1x2m	S13/E8	100-110	bone	NA		1.6	1.0	0.1			1		Striated bone (abraded)
8784	1987	1x2m	S13/E8	100-110	bone	NA		1.3	0.4	0.3			1		Worked bone- rounded/ st
8785	1987	1x2m	S13/E8	100-110	charcoal	NA						35.9	9999		
8786	1987	1x2m	S13/E12	90-100	groundstone	mano	granitic	9.5	7.0	5.0			1	fragment/b	
8787	1987	1x2m	S13/E12	90-100	shell	NA						16.1	63	frag	15 chione undatella 5.6g,
8788	1987	1x2m	S13/E8	100-110	bone	NA						102.9	1029	frag	Bone & bone grag
8789	1987	1x2m	S13/E8	100-110	groundstone	hammerstone	basalt	3.3	2.2	1.0			1		Domed scraper (?) from h
8790	1987	1x2m	S13/E8	100-110	bone	NA		0.5	0.4	0.4			1		fish vertebra
8791	1987	1x2m	S13/E8	100-110	bone	NA		0.3	0.5	0.4			1		Vertebra Fish
8792	1987	1x2m	S13/E8	100-110	bone	NA		0.7	1.0	1.0			1		Fish vertebra

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8793	1987	1x2m	S13/E8	100-110	flakedstone	debitage	varied					38.3	59	frag	46 basalt 24.3g, 1 felsite
8794	1987	1x2m	S13/E8	100-110	groundstone	NA	unidentified	9.0	6.0	3.8			1		Cobble
8796	1987	1x2m	S13/E8	100-110	flakedstone	core	quartz	3.8	2.4	2.5			1	frag	
8797	1987	1x2m	S13/E8	100-110	flakedstone	core	quartz	3.6	3.2	1.3			1	frag	cobble
8798	1987	1x2m	S13/E8	100-110	flakedstone	core	quartz	3.6	3.0	3.1			1	frag	
8799	1987	1x2m	S13/E8	100-110	flakedstone	projectilept	quartz	1.7	0.8	0.2			1	frag	
8800	1987	1x2m	S13/E8	100-110	flakedstone	debitage	basalt	0.8	0.6	0.1			1		Micro flake
8801	1987	1x2m	S13/E8	100-110	flakedstone	scraper	quartz	5.0	4.3	1.3			1		Possible Scraper
8802	1987	1x2m	S17/E4	80-90	other	NA							1		Pebble (Granitic?) "Held i
8803	1987	1x2m	S2/W4	30-40	flakedstone	debitage	varied					50.7	100	frag	30 basalt 14.3g, 5 quartzit
8804	1987	1x2m	S13/E8	100-110	flakedstone	debitage	obsidian	0.6	0.5	0.1			1		
8805	1987	1x2m	S2/W4	30-40	flakedstone	debitage	chalcedony	2.9	3.0	1.7			1	frag	
8806	1987	1x2m	S2/W4	30-40	flakedstone	utilizedflake	quartz	2.1	2.1	0.3			1		
8807	1987	1x2m	S2/W4	30-40	flakedstone	utilizedflake	basalt	2.5	2.0	0.5			1		
8808	1987	1x2m	S2/W4	30-40	flakedstone	utilizedflake	basalt	2.8	1.5	0.3			1		blade flake
8809	1987	1x2m	S2/W4	30-40	pottery	TizonBrown							20	frag	Pottery Sherds
8810	1987	1x2m	S2/W4	80-90	groundstone	NA	other	2.0	1.4	1.0			1		Hematite Nodule
8811	1987	1x2m	S2/W4	0-10	bone	NA						38.5	85	frag	No level marked
8812	1987	1x2m	S2/W4	30-40	bone	NA		2.4	0.4	0.3			1		Polished & striated bone
8813	1987	1x2m	S2/W4	30-40	shell	NA						16.6	79	frag	
8814	1987	1x2m	S2/W4	30-40	flakedstone	scraper	basalt	4.5	2.8	0.8			1		
8815	1987	1x2m	S2/W4	30-40	groundstone	mano	granitic	7.1	6.5	5.6			1	frag	
8816	1987	1x2m	S9/E12	90-100	pottery	TizonBrown							3	frag	
8817	1987	1x2m	S9/E12	90-100	shell	NA						23.9	69	frag	
8818	1987	1x2m	S9/E12	90-100	bone	NA						23.3	181	frag	
8819	1987	1x2m	S9/E12	90-100	bone	NA		1.2	1.0	0.3			1	frag	Polished bone frag
8820	1987	1x2m	S9/E12	90-100	bone	NA		1.0	0.5	0.4			1	frag	Polished bone
8821	1987	1x2m	S9/E12	90-100	flakedstone	utilizedflake	green	1.0	0.5	0.1			1	frag	blade flake
8822	1987	1x2m	S9/E12	90-100	flakedstone	debitage	basalt	0.4	0.4	0.1			1	frag	Micro flake
8823	1987	1x2m	S9/E12	90-100	flakedstone	debitage	varied					20.7	30	frag	11 basalt 17.0g, 1 felsite
8824	1987	1x2m	S9/E12	90-100	groundstone	metate	granitic	6.0	2.8	5.5			1	frag	possible metate frag
8825	1987	1x2m	S9/E12	90-100	groundstone	metate	granitic	8.2	6.5	4.0			1	frag	
8826	1987	1x2m	S9/E12	90-100	flakedstone	core	unidentified	4.0	3.5	2.5			1	frag	No material type noted
8828	1987	1x2m	S2/W4	80-90	charcoal	NA						145.7	9999		"Charcoal/fragments"
8829	1987	1x2m	S9/E12	90-100	charcoal	NA						27.4	9999	frag	
8830	1987	1x2m	S2/W4	30-40	groundstone	metate	granitic	19.0	12.0	7.0			1	frag	
8831	1987	1x2m	S2/W4	40-50	flakedstone	debitage	varied					26.0	39	frag	5 basalt 0.6g, felsite corte

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8832	1987	1x2m	S2/W4	40-50	charcoal	NA						72.5	9999		
8833	1987	1x2m	S2/W4	40-50	pottery	TizonBrown							12	frag	
8834	1987	1x2m	S2/W4	40-50	flakedstone	debitage	basalt	0.8	0.6	0.1			1	frag	Micro flake
8835	1987	1x2m	S2/W4	40-50	flakedstone	utilizedflake	basalt	1.1	0.5	0.1			1	frag	Blade flake
8836	1987	1x2m	S2/W4	40-50	shell	NA						3.3	23	frag	3 chione (u) 1.8g, 14 don
8837	1987	1x2m	S2/W4	40-50	pottery	NA		2.8	2.9	0.6			1	frag	rim sherd
8838	1987	1x2m	S2/W4	50-60	charcoal	NA						24.4	9999		
8839	1987	1x2m	S2/W4	40-50	flakedstone	debitage	quartz	0.2	0.4	0.1			1	frag	micro flake
8840	1987	1x2m	S2/W4	50-60	pottery	TizonBrown							4	frag	
8841	1987	1x2m	S2/W4	40-50	bone	NA						6.0	45	frag	
8842	1987	1x2m	S2/W4	50-60	bone	NA						1.8	22	frag	
8843	1987	1x2m	S2/W4	50-60	shell	NA						7.0	30	frag	2 chione (u) 4.9g, 21 don
8844	1987	1x2m	S2/W4	40-50	flakedstone	utilizedflake	basalt	2.8	1.2	0.2			1	frag	blake flake
8846	1987	1x2m	S2/W4	50-60	flakedstone	core	quartz	5.1	3.6	2.5			1	frag	quartzite (?)
8847	1987	1x2m	S2/W4	40-50	pottery	TizonBrown		2.5	2.0	0.4			1		"Possible (marked throug
8848	1987	1x2m	S2/W4	50-60	flakedstone	debitage	varied					10.9	12	frag	4 basalt .4g, 1 chalcedony
8850	1987	1x2m	S2/W4	40-50	groundstone	metate	granitic	10.7	10.6	4.8			1	frag	found in two glued
8853	1987	1x2m	S2/W4	50-60	flakedstone	debitage	basalt	1.0	0.7	0.1			1	frag	micro flake
8854	1986	1x2m	S17/E6	100-110	other	other		1.3	0.8	0.5			1		flora- faunal possible copr
8855	1986	1x2m	S9/E8	80-90	bone	awl		1.4	0.6	0.4			1	frag	"found by Leslie in bone"
8856	1983	1x2m	S9/E8	80-90	flakedstone	debitage	chert					0.8	2	frag	"found by Leslie in bone"
8857	1986	1x2m	S9/E8	70-80	bone	NA		3.0	1.1	0.2			1	frag	possible net shuttle frag. -
8858	1986	1x2m	S9/E8	70-80	bone	NA		1.9	0.4	0.2			1	frag	Polished & striated frag
8859	1982	1x2m	S13/E10	70-80	bone	NA		1.3	0.9	0.2			1		Worked bone, polished, "
8860	1981	1x2m	S13/E10	0-10	bone	NA		2.2	0.4	0.4			1	frag	worked bone (awl frag ?)
8861	1982	1x2m	S13/E10	20-30	bone	NA		1.7	0.5	0.4			1	frag	Possible Awl- worked bo
8862	1981	1x2m	S17/E6	0-10	bone	NA		2.0	0.6	0.5			1	frag	"found by Leslie in bone"
8863	1981	1x2m	S17/E6	10-20	bone	NA		1.1	0.3	0.2			1		Polished bone
8864	1982	1x2m	S17/E6	60-70	bone	awl		0.8	0.4	0.2			1		awl tip "found by Leslie i
8865	1987	1x2m	S17/E6	60-70	pottery	TizonBrown		1.7	0.6	0.4			1	frag	pottery sherd
8866	1982	1x2m	S17/E6	90-100	bone	NA		2.5	0.4	0.1			1	frag	polished "found by Leslie
8867	1983	1x2m	S17/E6	100-110	bone	NA		3.0	0.5	0.3			1	frag	polished "found by Leslie
8868	1983	1x2m	S17/E6	100-110	bone	NA		0.9	0.5	0.1			1	frag	polished "found by Leslie
8869	1981	1x2m	S17/E10	20-30	bone	NA		1.6	0.5	0.1			1	frag	abraded frag "found by Le
8870	1987	1x2m	S17/E10	50-60	bone	NA		1.8	0.4	0.2			1	frag	polished & striated "foun
8871	1987	1x2m	S18/W0	50-60	bone	NA		7.7	1.0	0.5			1	frag	worked bone frag "found
8873	1982	1x2m	S18/W0	90-100	bone	NA		1.5	0.5	0.3			1	frag	polished & straited frag "f

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
8874	1982	1x2m	S18/W0	90-100	bone	NA		2.0	0.4	0.2			1	frag	polished & striated bone "
8875	1982	1x2m	S18/W8	30-40	bone	NA		1.5	0.5	0.4			1		altered bone "found by Le
8876	1981	1x2m	S22/W4	40-50	bone	NA		2.0	0.4	0.4			1	frag	net shuttle frag -worked b
8877	1981	1x2m	S26/W4	30-40	bone	awl		1.5	0.7	0.6			1	frag	worked bone- rounded/str
8878	1987	1x2m	S2/W4	50-60	flakedstone	debitage	varied					21.2	37	frag	19 basalt 13/4g, 1 porh fel
8879	1987	1x2m	S2/W4	60-70	flakedstone	debitage	varied					22.4	24	frag	4 basalt 2.1g, 4 quartzite
8880	1987	1x2m	S13/E8	110-120	flakedstone	debitage	varied					33.7	51	frag	37 basalt 20.9g, 1 quartzit
8881	1987	1x2m	S13/E8	70-80	flakedstone	debitage	varied					3.9	6	frag	take from under boulder-
8882	1986	1x2m	S22/W2	50-60	flakedstone	debitage						43.4	33	frag	16 basalt 24.8g, 6 quartzit
8883	1987	1x2m	S18/W12	80-90	flakedstone	debitage	varied					2.1	19	frag	5 basalt 0.5g, 1 chalcedon
8884	1987	1x2m	S2/W4	60-70	charcoal	NA						71.0	9999		"good sized pieces"
8885	1987	1x2m	S13/E8	110-120	charcoal	NA						20.4	9999	frag	
8886	1986	1x2m	S22/W2	50-60	charcoal	NA						38.5	9999		
8887	1987	1x2m	S18/W12	80-90	charcoal	NA						9.7	9999	frag	
8888	1987	1x2m	S2/W4	50-60	pottery	TizonBrown		6.5	4.5	0.7			1	frag	rim sherd- heavy charcoal
8889	1987	1x2m	S18/W12	80-90	flakedstone	utilizedflake	basalt	0.6	0.5	0.1			1		micro flake
8890	1987	1x2m	S18/W12	80-90	flakedstone	utilizedflake	basalt	0.4	0.4	0.1			1		micro flake
8892	1987	1x2m	S2/W4	50-60	flakedstone	core	quartzite	7.8	6.5	3.3			1	frag	
8893	1987	1x2m	S2/W4	50-60	pottery	TizonBrown							3	frag	pottery sherds
8894	1987	1x2m	S2/W4	50-60	flakedstone	scraper	basalt	4.7	4.0	1.0			1		
8895	1987	1x2m	S2/W4	50-60	bone	NA						5.3	40	frag	
8896	1987	1x2m	S2/W4	50-60	shell	NA						2.5	30	frag	2 chione undatella 0.4g, 1
8898	1987	1x2m	S2/W4	60-70	groundstone	metate	granitic	16.0	9.5	9.2			1	frag	
8899	1987	1x2m	S2/W4	60-70	groundstone	metate	granitic	14.5	12.5	12.0			1	frag	
8900	1987	1x2m	S2/W4	60-70	flakedstone	core	quartz	4.0	3.1	1.6			1	frag	
8901	1987	1x2m	S2/W4	60-70	flakedstone	scraper	basalt	7.5	5.0	2.5			1		"the areas where it could
8902	1987	1x2m	S13/E8	110-120	flakedstone	crescentic	quartz	5.0	3.5	3.5			1	frag	heavy caliche covering
8903	1986	1x2m	S22/W2	50-60	flakedstone	core	basalt	5.5	4.5	2.0			1	frag	
8904	1986	1x2m	S22/W2	50-60	flakedstone	core	basalt	4.2	4.2	1.8			1	frag	
8905	1987	1x2m	S2/W4	60-70	bone	NA						16.4	58	frag	"1 tooth"
8906	1987	1x2m	S2/W4	60-70	pottery	TizonBrown							2	frag	pottery sherds
8907	1987	1x2m	S2/W4	60-70	shell	NA						6.1	21	frag	16 donax 1.5g, 1 chione c
8908	1987	1x2m	S13/E8	110-120	bone	NA						53.2	959	frag	
8910	1987	1x2m	S13/E8	110-120	shell	NA						24.3	75	frag	1 mythilus 1.0g, 1snail (p
8911	1987	1x2m	S13/E8	110-120	groundstone	bead	soapstone	0.4	0.4	0.1			1		Steatite
8912	1987	1x2m	S13/E8	70-80	shell	NA						1.0	5	frag	from under large rocks- 2
8913	1987	1x2m	S13/E8	70-80	bone	NA						9.4	118	frag	"from under 2 large rocks

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8914	1986	1x2m	S22/W2	50-60	bone	NA						41.3	384	frag	
8915	1986	1x2m	S22/W2	50-60	shell	NA						3.4	7	frag	3 chione undatella 2.4g, 1
8916	1987	1x2m	S18/W12	80-90	bone	NA						3.0	45	frag	
8917	1987	1x2m	S18/W12	80-90	shell	ornament							4		Olivella Disc beads- 3 wh
8918	198?	1x2m	S13/E8	110-120	flakedstone	ornament	quartzite	1.8	1.0	0.1			1	frag	3 edges altered - possible
8919	198?	1x2m	S22/W2	50-60	bone	NA		1.6	0.7	0.3			1	frag	polished striated
8920	198?	1x2m	S22/W2	50-60	bone	NA		2.2	0.5	0.3			1	frag	polished
8921	198?	1x2m	S22/W2	50-60	bone	NA		2.0	0.5	0.3			1	frag	polished
8922	198?	1x2m	S22/W2	50-60	bone	NA		1.8	0.5	0.2			1		polished
8923	1981	1x2m	S17/E6	10-20	glass	NA		0.5	0.5	0.5			1		Modern Historic- Melted
8924	1987	1x2m	S10/W13	surface	flakedstone	utilizedflake	other	2.3	1.9	0.4			1	frag	thyolite
8925	1987	Surface	West side	surface	flakedstone	utilizedflake	basalt	3.0	1.1	0.5			1		
8926	1987	1x2m	S13/E6	surface	flakedstone	core	basalt	6.6	4.4	2.4			1	frag	
8927	1986	1x2m	S9/E6	70-80	flakedstone	utilizedflake	basalt	1.3	0.6	0.1			1		blade flake
8928	1987	1x2m	S4/W8	10-20	shell	NA							3		non artifacual - 1 donax
8929	1986	1x2m	S9/E8	70-80	flakedstone	utilizedflake	basalt	3.7	0.8	0.3			1		blade flake
8930	1987	1x2m	S4/W8	10-20	bone	NA							2		non artifactual -1 burned
8931	1987	1x2m	S14/W0	80-90	flakedstone	utilizedflake	obsidian	0.6	0.5	0.1			1		micro flake
8932	1987	1x2m	S14/W0	80-90	bone	NA		0.6	0.4	0.1			1		otolith
8933	1987	1x2m	S14/W0	80-90	bone	NA		1.1	0.6	0.4			1		antler tip
8934	1987	1x2m	S18/W6	80-90	pottery	ColoradoBuff		5.1	3.5	0.7			1		rim sherd, rim very worn,
8935	1987	1x2m	S18/W6	80-90	pottery	TizonBrown		6.0	5.8	0.5			1		Rim sherd with hole
8936	1987	1x2m	S14/W6	40-50	flakedstone	scraper	basalt	5.2	2.7	0.9			1		
8937	1987	1x2m	S14/W0	80-90	shell	bead		0.8		0.2			1		Olivella shell disc bead
8938	1987	1x2m	S14/W0	80-90	flakedstone	projectilept	quartz	0.9	0.7	0.2			1	frag	tip
8939	1987	1x2m	S4/W8	30-40	pottery	TizonBrown		3.5	4.6	0.6			2		2 piece were glued back t
8940	1987	1x2m	S18/W6	90-100	bone	NA		0.4	0.3	0.2			1		fish vertebra- broken spin
8941	1987	1x2m	S13/E18	30-40	flakedstone	utilizedflake	obsidian						4		
8942	1987	1x2m	S4/W8	30-40	groundstone	arrowshaftstr	other	5.0	3.0	1.0			1	frag	many incised lines, some
8943	1987	1x2m	S14/W6	50-60	pottery	TizonBrown		4.0	2.2	0.6			1		incised potsherd
8944	1987	1x2m	S14/W2	40-50	flakedstone	utilizedflake	basalt	1.9	1.5	0.4			1		
8945	1987	1x2m	S14/W2	40-50	flakedstone	projectilept	quartzite	2.6	1.5	0.4			1		unfinished
8946	1987	1x2m	S14/W2	40-50	flakedstone	utilizedflake	basalt	2.8	1.8	0.2			1		
8947	1987	1x2m	S14/W2	40-50	flakedstone	core	basalt	5.5	2.8	2.3			1	frag	
8948	1987	1x2m	S4/W8	130	flakedstone	scraper	MVporphyritic	9.0	7.4	1.9			1		Andesite
8949	1987	1x2m	S13/E6	120-130	groundstone	bead	soapstone			0.0			1		Steatite 0.4 diam
8950	1987	1x2m	S13/E6	120-130	bone	NA		0.6	0.4	0.3			1		fish vertebra

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8951	1987	1x2m	S13/E18	20-30	flakedstone	debitage	obsidian						3		flakes
8952	1987	1x2m	S4/W8	30-40	flakedstone	scraper	basalt	3.4	2.7	0.5			1		
8953	1987	1x2m	S4/W8	30-40	flakedstone	utilizedflake	basalt	3.1	1.5	0.7			1		
8954	1987	1x2m	S14/W0	80-90	flakedstone	NA	quartz	2.3	1.5	0.5			1		worked quartz crystal
8955	1987	1x2m	S14/W0	80-90	groundstone	mano	granitic	8.0	7.0	3.0			1	frag	
8956	1987	1x2m	S16/W4	surface	flakedstone	utilizedflake	basalt	3.7	2.1	0.4			1	frag	blade frag
8957	1987	1x2m	S13/E18	0-10	flakedstone	debitage	varied						6	frag	1 quartzite, 1 andesite, 2
8958	1987	1x2m	S13/E18	surface	bone	NA							1		burned -non artifactual
8959	1987	1x2m	S14/W6	40-50	flakedstone	utilizedflake	quartz	3.7	2.5	0.5			1		
8960	1987	1x2m	S4/W8	30-40	pottery	TizonBrown							11		Pot sherds
8961	1987	1x2m	S18/W6	80-90	pottery	TizonBrown							18		
8962	1987	1x2m	S4/W8	20-30	flakedstone	debitage	varied						43		6 quartz crystal, 23 quartz
8963	1987	1x2m	S13/E18	10-20	flakedstone	debitage						44.1	71		10 basalt 1.4g, 1 andesite
8964	1987	1x2m	S14/W4	50-60	pottery	TizonBrown							8		6 of the 8 pieces are burnt
8965	1987	1x2m	S13/E6	120-130	flakedstone	utilizedflake	basalt	6.4	5.3	0.0			1		
8966	1987	1x2m	S13/E18	0-10	shell	NA							34		4 donax, 5 pectin, 10 chio
8967	1987	1x2m	S18/W6	80-90	flakedstone	debitage	varied						67		4 felsite, 17 basalt, 7 quar
8968	1987	1x2m	S4/W8	30-40	flakedstone	debitage							78		43 quartz, 28 basalt, 3 fel
8969	1987	1x2m	S13/E18	10-20	pottery	NA	varied						27		sherds, 24 tizon brown, 3
8970	1987	1x2m	S13/E6	120-130	groundstone	hammerstone	basalt	6.7	5.2	1.7			1		patination
8971	1987	1x2m	S4/W8	20-30	flakedstone	core		4.1	2.5	2.4			1		dome, spent core
8972	1987	1x2m	S18/W6	80-90	shell	NA							42		5 donax, 2 olivella, 1 abal
8973	1987	1x2m	S4/W8	30-40	bone	NA							23		9 burned, 14 unburned, n
8974	1987	1x2m	S13/E18	0-10	pottery	TizonBrown							7	frag	pot sherds
8975	1987	1x2m	S18/W6	80-90	bone	NA							335		
8976	1987	1x2m	S13/E18	surface	shell	NA							1		non artifactual
8977	1987	1x2m	S4/W8	20-30	bone	NA							29		non-artifactual
8978	1987	1x2m	S14/W4	50-60	flakedstone	debitage	varied						45		22 quartz, 15 basalt, 1 che
8979	1987	1x2m	S4/W8	30-40	shell	NA							49		non-factual, 3 bean clam,
8980	1987	1x2m	S13/E18	10-20	bone	awl		1.0	0.5	0.5			1	frag	awl tip frag
8981	1987	1x2m	S4/W8	20-30	pottery	TizonBrown							5	frag	
8982	1987	1x2m	S13/E18	surface	flakedstone	biface	quartz	3.2	2.7	0.9			1		point blank
8983	1987	1x2m	S13/E18	surface	flakedstone	core	basalt	5.8	4.4	3.0			4	frag	
8984	1987	1x2m	S18/W6	80-90	shell	bead		0.2	0.6				1		Olivella, barrel bead
8985	1987	1x2m	S18/W6	80-90	flakedstone	projectilept	basalt	1.3	1.2	0.4			1		base
8986	1987	1x2m	S18/W6	80-90	bone	NA		0.5	0.3	0.3			1		fish vertebra
8987	1987	1x2m	S4/W8	30-40	charcoal	NA							9999		10 cnt

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8988	1987	1x2m	S13/E6	120-130	groundstone	hammerstone	quartzite	8.6	6.7	2.7			1		"multipurpose tool: hamm
8989	1987	1x2m	S14/W4	50-60	charcoal	NA							9999		
8990	1987	1x2m	S14/W4	50-60	bone	NA							142		42 burned, non-artifactual
8991	1987	1x2m	S14/W4	50-60	shell	NA							31		non-artifactual, 4 donax,
8992	1987	1x2m	S14/W4	50-60	flakedstone	utilizedflake	chalcedony	2.0	1.7	0.3			1	frag	possible
8993	1987	1x2m	S14/W4	50-60	flakedstone	utilizedflake	MVporphyritic	1.8	1.1	0.4			1		
8994	1987	1x2m	S22/W2	60-70	flakedstone	utilizedflake	basalt	3.2	0.9	0.3			1		
8995	1987	1x2m	S22/W2	60-70	pottery	TizonBrown							4	frag	
8996	1987	1x2m	S22/W2	60-70	charcoal	NA							9999		
8997	1987	1x2m	S22/W2	60-70	shell	NA							14		non-artifactual, 1 abalone,
8998	1987	1x2m	S22/W2	60-70	bone	NA							171		non-artifactual, 12@ burn
8999	1987	1x2m	S22/W2	60-70	flakedstone	debitage	varied					25.9	30		7 quartz 4.8g, 1 felsite 1.0
9000	1987	1x2m	S22/W2	60-70	flakedstone	debitage	basalt	1.8	1.4	0.2			4		flake
9001	1987	1x2m	S22/W2	60-70	flakedstone	debitage	basalt	2.3	1.1	0.4			1	frag	blade flake
9002	1987	1x2m	S22/W2	60-70	bone	NA		1.1	0.7	0.1			1		polished bone, straited, fl
9003	1987	1x2m	S14/W2	40-50	soilsample	NA						39.7	1		ash lens
9004	1987	1x2m	S14/W2	40-50	soilsample	NA						39.1	1	frag	reddish brown
9005	1987	1x2m	S14/W6	40-50	flakedstone	scraper	basalt	2.3	2.1	0.8			1	frag	dark grey
9006	1985	1x2m	S9/E8	40-50	flakedstone	scraper	basalt	1.7	0.9	0.1			1	frag	blade flake, dark grey
9007	1985	1x2m	S9/E8	40-50	flakedstone	scraper	basalt	1.6	1.3	0.3			1	frag	blade flake dark grey
9008	1987	1x2m	S13/E18	30-40	pottery	TizonBrown		3.2	2.5	0.7			1	frag	rimsherd
9009	1987	1x2m	S2/W4	80-90	flakedstone	utilizedflake		3.1	2.8	0.9			1	frag	gray
9010	1987	1x2m	S14/W0	80-90	bone	NA		0.5	0.4	0.2			1	frag	fish vertebre
9011	1987	1x2m	S13/E18	20-30	flakedstone	utilizedflake	basalt	3.0	2.0	0.6			1	frag	dark grey
9012	1987	1x2m	S13/E18	20-30	flakedstone	utilizedflake	basalt	3.9	2.4	1.0			1	frag	
9013	1987	1x2m	S13/E18	20-30	flakedstone	utilizedflake	quartz	3.2	1.9	0.5			1	frag	light brown
9014	1987	1x2m	S13/E18	20-30	flakedstone	utilizedflake	green	2.2	1.2	0.4			1	frag	gray-green
9015	1987	1x2m	S22/W2	80-90	bone	NA		0.9	0.5	0.2			1	frag	otolith
9016	1987	1x2m	S13/E18	30-40	bone	NA		0.3	0.3	0.2			1	frag	fish vertibre
9017	1985	1x2m	S9/E8	50-60	flakedstone	utilizedflake		3.5	1.3	0.4			1	frag	dark grey
9018	1985	1x2m	S9/E8	50-60	flakedstone	utilizedflake	basalt	3.6	2.4	0.9			1	frag	black
9019	1987	1x2m	S13/E18	20-30	flakedstone	core	green	5.5	4.5	2.8			1	frag	red interior
9020	1987	1x2m	S13/E18	20-30	flakedstone	core	green	8.0	4.2	3.6			1	frag	gray-green
9021	1987	1x2m	S13/E18	30-40	flakedstone	scraper	basalt	7.8	6.8	0.1			1	frag	Teshoa flake - scraper
9022	1987	1x2m	S13/E18	20-30	groundstone	NA	granitic	7.1	6.7	1.5			1	frag	minimal-abraded
9023	1987	1x2m	S13/E18	30-40	pottery	pipe		2.4	1.8	0.4			1	frag	Large End - Smoke Pipe
9024	1982	1x2m	S18/W0	50-60	flakedstone	debitage		0.8	0.6	0.1			1	frag	microflake

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9025	1982	1x2m	S18/W0	50-60	flakedstone	debitage	basalt	2.5	1.4	0.6			1	frag	flake, dark grey
9026	1982	1x2m	S18/W0	70-80	flakedstone	projectilept	granitic	1.7	1.9	1.2			1	frag	point blank
9027	1987	1x2m	S18/W0	60-70	flakedstone	NA	green	1.0	0.5	0.1			1	frag	gray-green
9028	1982	1x2m	S18/W0	90-100	flakedstone	scraper	basalt	3.5	2.6	1.2			1	frag	gray
9029	1987	1x2m	S14/W6	50-60	shell	bead		1.4	0.9				1	com	whole olivella bead
9030	1985	1x2m	S18/W2	60-70	flakedstone	NA		1.1	1.1	0.3			1	frag	green-band of red, gold
9031	1985	1x2m	S18/W2	60-70	flakedstone	NA		1.4	1.3	0.1			1	frag	gray-green
9032	1985	1x2m	S18/W2	60-70	flakedstone	NA		1.4	0.7	0.2			1	frag	DARK GREY
9033	1985	1x2m	S18/W2	60-70	flakedstone	debitage		0.7	0.6	0.2			1	frag	micro
9034	1985	1x2m	S18/W2	70-80	flakedstone	scraper	basalt	4.0	2.5	1.4			1		
9035	1985	1x2m	S18/W2	70-80	flakedstone	utilizedflake	basalt	4.1	2.8	1.2			1		
9036	1987	1x2m	S18/W2	40-50	flakedstone	utilizedflake	MVporphyritic	2.8	1.5	0.3			1		
9037	1987	1x2m	S14/W6	40-50	charcoal	NA							9999		
9038	1987	1x2m	S14/W6	40-50	pottery	TizonBrown							36		
9039	1987	1x2m	S14/W6	40-50	shell	NA							101		14 donax, 4 olivella, 1 pe
9040	1987	1x2m	S18/W6	100-110	pottery	TizonBrown							5		The three smaller pieces a
9041	1987	1x2m	S14/W6	40-50	bone	NA							640		non- artifactual
9042	1987	1x2m	S14/W6	40-50	pottery	TizonBrown		3.5	3.9	0.9			1		
9044	1987	1x2m	S14/W6	40-50	flakedstone	debitage	varied					74.9	239		11 quartz crystal 1.1g, 11
9045	1987	1x2m	S18/W6	100-110	bone	NA						1.9	130		130 non artifactual bones
9046	1987	1x2m	S18/W6	100-110	charcoal	NA							9999		
9048	1987	1x2m	S14/W6	50-60	groundstone	metate							1		one small very smooth are
9050	1987	1x2m	S4/W8	40-50	flakedstone	utilizedflake	quartz	1.6	1.1	0.1			1		
9051	1987	1x2m	S13/E6	130-140	bone	NA		0.2	0.2				1		fish vertabrae
9052	1987	1x2m	S13/E6	120-130	flakedstone	projectilept	quartz	1.6	0.9	0.2			1		broken point-tipfragment-
9053	1987	1x2m	S10/E12	0-10	flakedstone	projectilept	quartz	1.5	1.5	0.4			1	frag	point blank fragment
9054	1987	1x2m	S4/W8	40-50	shell	bead		1.7	0.9				1	com	possible bead, eroded aro
9055	1987	1x2m	S4/W8	50-60	flakedstone	projectilept	quartz	2.1	1.2	0.3			1	fragment/b	broken, base only
9056	1987	1x2m	S13/E8	30-40	pottery	TizonBrown		2.2	2.2	0.6			1	frag	rim sherd
9057	1987	1x2m	S18/W6	120-130	bone	NA		0.5	0.1	0.2			1		fish vertabra
9058	1987	1x2m	S4/W8	50-60	shell	bead		1.6	0.8	0.8			1	com	olivella, bead chipped wh
9059	1987	1x2m	S14/W0	31	flakedstone	NA	obsidian	1.7	1.4	0.8			1	frag	in north wall of S14W0
9060	1987	1x2m	S22/W2	70-80	shell	NA							7		non artifactual shell refus
9061	1987	1x2m	S14/W2	50-60	flakedstone	utilizedflake	basalt	3.1	2.2	0.6			1		
9062	1987	1x2m	S22/W2	70-80	bone	NA							124		non- artifactual
9063	1982	1x2m	S13/E10	40-50	flakedstone	debitage	basalt	1.6	1.4	0.3			1		from c.w.
9064	1982	1x2m	S13/E10	40-50	flakedstone	debitage	quartz	1.8	0.8	0.2			1		from c.w.

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9065	1988	1x2m	S13/E18	40-50	flakedstone	projectilept	quartz	2.5	1.4	0.4			1	frag	projectile point fragment-t
9066	1988	1x2m	S13/E18	40-50	pottery	TizonBrown		4.8	3.6	0.6			1		rim sherd
9067	1988	1x2m	S14/W2	50-60	flakedstone	scraper	basalt	4.9	3.6	1.0			1		
9068	1988	1x2m	S14/W4	70-80	flakedstone	NA	basalt	5.9	4.0	2.1			1	frag	cobble fragment
9069	1988	1x2m	S13/E6	140-150	flakedstone	projectilept	quartzite	1.8	1.2	0.3			1	frag	possible projectile point fr
9070	1988	Surface	S16-W6	surface	flakedstone	projectilept	quartz	2.5	1.2	0.2			1		triangular, lenticular
9071	1988	1x2m	S14/W2	50-60	other	NA							1		ash lens sample
9072	1988	1x2m	S22/W2	80-90	glass	bead				0.3	0.4		1		modern historic glass trad
9073	1987	1x2m	S14/W0	90-100	shell	bead		0.8	0.7	0.1			1		olivella disc bead
9074	1987	1x2m	S14/W2	40-50	glass	NA							3	frag	small glass fragments 2 cl
9075	1987	1x2m	S14/W2	40-50	shell	bead		1.8	1.0				1	com	olivella, opening diameter
9076	1987	1x2m	S4/W8	40-50	pottery	ColoradoBuff		2.0	1.2	0.3			1	frag	pipe fragment small porti
9077	1988	1x2m	S14/W2	50-60	bone	NA		0.3	0.2	0.3			1		fish vertabra
9078	1988	1x2m	S14/W2	50-60	shell	bead		0.5	0.5	0.1			1		olivella disc bead- wall be
9079	1988	1x2m	S10/E12	10-20	shell	bead		1.6	0.9	0.8			1	com	olivella bead -whole .3 c
9080	1988	1x2m	S10/E12	10-20	shell	bead		1.0	0.6	0.5			1	com	olivella, .2 cm opening, c
9081	1988	1x2m	S14/W6	50-60	flakedstone	scraper	basalt	3.1	2.3	0.6			1		
9082	1987	1x2m	S13/E6	140-150	groundstone	bead	soapstone				0.4	0.1	1		lithic, steatite
9083	1987	1x2m	S13/E6	130-140	bone	NA		0.6	0.4	0.4			1		fish vertabra
9084	1987	1x2m	S13/E6	130-140	bone	NA		0.5	0.4	0.3			1		fish vertabra
9085	1987	1x2m	S14/W4	60-70	bone	NA		0.3	0.2	0.2			1		fish vertabra
9086	1987	1x2m	S14/W0	90-100	bone	NA		0.5	0.3	0.3			1		fish vertabra
9087	1987	1x2m	S10/E12	0-10	shell	bead		0.5	0.5	0.1			1		olivella disc bead -wall
9088	1987	1x2m	S22/W2	80-90	shell	bead		1.5	1.0				1		4 pieces of 1, possible oli
9089	1988	1x2m	S14/W6	50-60	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		obsidian waste
9090	1988	1x2m	S10/E12	10-20	pottery	TizonBrown		3.0	1.6	0.4			1		altered sherd
9091	1987	1x2m	S4/W8	40-50	flakedstone	projectilept	quartz	2.1	1.3	0.3			1	frag	midsection and base cut o
9092	1988	1x2m	S14/W8	s. wall	flakedstone	projectilept	quartz	1.0	0.7	0.3			1	frag	level-?s. wall scrapping?
9093	1987	1x2m	S14/W2	50-60	bone	awl		15.3	2.0	1.0			1		deer metatarsal
9094	1987	1x2m	S13/E18	30-40	flakedstone	scraper	other	1.7	1.2	0.1			1		possible thumbnail scrape
9095	1987	1x2m	S2/W4	80-90	flakedstone	projectilept	quartz	1.9	1.5	0.4			1		posible blank
9096	1988	1x2m	S10/E12	10-20	bone	NA		1.0	0.8	0.3			1	frag	deer tooth fragment
9097	1988	1x2m	S14/W6	50-60	bone	NA		1.8	0.7	0.6			1	frag	deer tooth pre-molar frag
9098	1988	1x2m	S13/E6	140-150	bone	NA		1.4	0.4	0.2			1	frag	deer tooth frgment
9099	1988	1x2m	S13/E6	140-150	bone	NA		0.7	0.3	0.1			3	frag	toothfragments (measure
9100	1988	1x2m	S10/E12	10-20	metal	nail/tack		7.6	0.8	0.3			1		modern historic iron squa
9101	1988	1x2m	S14/W6	50-60	flakedstone	scraper	basalt	4.3	4.0	1.1			1		

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9102	1988	1x2m	S14/W6	50-60	flakedstone	scraper	unidentified	3.6	2.4	1.0			1		
9103	1988	1x2m	S10/E12	10-20	groundstone	mano	granitic	9.5	8.3	4.0			1		
9104	1988	1x2m	S10/E12	10-20	groundstone	mano	granitic	10.8	5.5	4.7			1	frag	
9105	1988	1x2m	S14/W6	50-60	shell	marine shell		1.1	0.9	0.1			1		
9106	1987	1x2m	S14/W4	60-70	bone	NA		3.0	0.9	0.4			1		Worked Bone - Rounded
9107	1987	1x2m	S4/W8	40-50	pottery	TizonBrown							10	frag	
9108	1987	1x2m	S4/W8	40-50	bone	NA							133		Non Artifact Bone
9109	1987	1x2m	S4/W8	40-50	shell	marine shell							36		Non Artifact Shell
9110	1987	1x2m	S4/W8	40-50	charcoal	NA							1		
9111	1987	1x2m	S4/W8	40-50	flakedstone	debitage	unidentified					34.4	104		
9112	1987	1x2m	S4/W8	40-50	flakedstone	debitage	basalt	1.5	1.2	0.2		0.4	1		
9113	1987	1x2m	S4/W8	40-50	flakedstone	debitage	basalt	1.5	0.9	0.1		0.2	1		
9114	1987	1x2m	S4/W8	40-50	flakedstone	debitage	other	8.0	7.0	3.8			1		Andesite
9115	1987	1x2m	S4/W8	50-60	pottery	TizonBrown							8	frag	
9116	1987	1x2m	S4/W8	50-60	bone	NA							53		Non Artifact Bone
9117	1987	1x2m	S4/W8	50-60	shell	marine shell							16		Non Artifact Shell
9118	1987	1x2m	S4/W8	50-60	groundstone	mano	granitic	6.5	4.0	4.5			1	frag	Bifacial
9119	1987	1x2m	S4/W8	50-60	flakedstone	debitage	basalt	7.0	5.3	2.0			1		
9120	1987	1x2m	S4/W8	50-60	flakedstone	debitage	basalt	5.1	2.7	2.0			1		
9121	1987	1x2m	S4/W8	50-60	flakedstone	debitage	unidentified						93	frag	quartz, quartzite, chalced
9122	1988	1x2m	S4/W8	60-70	pottery	TizonBrown							13	frag	
9123	1988	1x2m	S4/W8	60-70	bone	NA							180	frag	non-artificail bone
9124	1988	1x2m	S4/W8	60-70	shell	marine shell							25	frag	non-artifactual shell
9125	1988	1x2m	S4/W8	60-70	flakedstone	debitage						50.8	140	frag	
9126	1987	1x2m	S22/W2	70-80	charcoal	NA							9999	frag	black
9127	1987	1x2m	S22/W2	70-80	pottery	TizonBrown							1	frag	potsherd
9128	1987	1x2m	S22/W2	70-80	flakedstone	debitage						11.8	17	frag	chipping waste
9129	1987	1x2m	S22/W2	70-80	flakedstone	debitage	basalt	2.2	1.3	0.3			1	frag	dark grey
9130	1987	1x2m	S22/W2	70-80	bone	NA		1.6	0.4	0.2			1	frag	worked bone - rounded/di
9131	1987	1x2m	S22/W2	70-80	other	NA		1.6	0.6	0.4			2	frag	tooth fragments
9132	1987	1x2m	S22/W2	80-90	pottery	TizonBrown							7	frag	sherds
9133	1987	1x2m	S22/W2	80-90	charcoal	NA							9999	frag	black
9134	1987	1x2m	S22/W2	80-90	shell	NA							7	frag	non-artifactual shell
9135	1987	1x2m	S22/W2	80-90	bone	NA							93	frag	non-artifactual
9136	1987	1x2m	S22/W2	80-90	flakedstone	debitage						39.9	18	frag	chipping waste
9137	1987	1x2m	S22/W2	80-90	flakedstone	utilizedflake	basalt	3.5	2.4	0.3			1	frag	black
9138	1987	1x2m	S22/W2	80-90	groundstone	NA	basalt	4.8	4.0	1.1			1	frag	cobble frag

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9139	1987	1x2m	S10/E12	0-10	pottery	TizonBrown							33	frag	
9140	1987	1x2m	S10/E12	0-10	bone	NA							54	frag	non-artifactual
9141	1987	1x2m	S10/E12	0-10	shell	marine shell							88	frag	non-artifactual
9142	1987	1x2m	S10/E12	0-10	flakedstone	debitage						35.7	52	frag	chipping waste
9143	1987	1x2m	S14/W6	50-60	flakedstone	core		9.3	4.5	4.5			1	frag	core frag mottled - pink/g
9144	1987	1x2m	S14/W0	80-90	flakedstone	utilizedflake		7.3	4.4	1.5			1	frag	
9145	1987	1x2m	S22/W2	70-80	bone	NA		4.4	1.1	0.3			1	frag	polished bone
9146	1987	1x2m	S14/W2	40-50	pottery	NA	basalt	5.0	3.4	1.6			1	frag	cobble fragment
9147	1987	1x2m	S13/E6	120-130	flakedstone	utilizedflake		3.7	2.1	0.8			1	frag	
9148	1985	1x2m	S18/W2	50-60	flakedstone	debitage		0.8	0.7	0.1			1	frag	micro flake
9149	1985	1x2m	S18/W2	1985	flakedstone	NA		1.6	1.2	0.2			1	frag	yellow-brown
9150	1987	1x2m	S13/E6	120-130	shell	NA		8.7	4.1	0.4			1	frag	clam shell fragment
9152	1988	1x2m	S4/W8	60-70	flakedstone	NA	chalcedony	2.1	1.4	0.3			1	frag	
9153	1987	1x2m	S14/W4	60-70	bone	NA		3.2	0.5	0.3			1	frag	polished bone
9154	1988	1x2m	S10/E12	10-20	pottery	TizonBrown							43	frag	
9155	1988	1x2m	S10/E12	10-20	flakedstone	debitage	green	2.6	2.2	0.2			1	frag	gray-green
9156	1988	1x2m	S10/E12	10-20	bone	NA							186	frag	non-artifactual
9157	1988	1x2m	S10/E12	10-20	shell	marine shell							161	frag	
9158	1988	1x2m	S10/E12	10-20	flakedstone	debitage						53.8	54	frag	chipping waste
9159	1987	1x2m	S14/W0	80-90	flakedstone	utilizedflake		6.0	4.8	2.0			1	frag	
9160	1988	1x2m	S10/E12	10-20	flakedstone	scraper	basalt	1.5	0.7	0.1			1	frag	blade flake
9161	1988	1x2m	S10/E12	10-20	flakedstone	core		5.7	2.9	2.0			1	frag	core fragment
9162	1988	1x2m	S10/E12	10-20	groundstone	NA	basalt	7.0	6.0	3.6			1	frag	cobble frag
9163	1981	1x2m	S14/W8	60-70	pottery	TizonBrown							12	frag	
9164	1987	1x2m	S14/W8	60-70	shell	NA							12	frag	non-artifactual
9165	1987	1x2m	S14/W8	60-70	charcoal	NA							9999	frag	
9166	1987	1x2m	S14/W8	60-70	bone	NA							21	frag	non-artifactual
9167	1987	1x2m	S14/W8	60-70	other	NA						7.9	26	frag	chipping waste
9168	1987	1x2m	S14/W8	60-70	flakedstone	NA	green	0.8	0.5	0.1			1	frag	microflake
9169	1987	1x2m	S14/W8	60-70	flakedstone	scraper		2.7	2.1	0.6			1	frag	
9170	1987	1x2m	S14/W8	60-70	flakedstone	core	quartz	4.0	2.1	1.5			1	frag	core frag
9171	1987	1x2m	S14/W8	70-80	shell	NA							7	frag	non-artifactual
9172	1987	1x2m	S14/W8	70-80	bone	NA							29	frag	non-artifactual
9173	1987	1x2m	S14/W8	70-80	charcoal	NA							9999	frag	
9174	1987	1x2m	S14/W8	70-80	pottery	TizonBrown							4	frag	
9175	1987	1x2m	S14/W8	70-80	flakedstone	debitage						27.4	37	frag	chipping waste
9176	1987	1x2m	S14/W8	70-80	flakedstone	core	quartz	7.0	6.4	1.6			1	frag	

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9177	1987	1x2m	S14/W8	80-90	pottery	TizonBrown							2	frag	
9178	1987	1x2m	S14/W8	80-90	pottery	TizonBrown		4.6	4.0	0.8			1	frag	
9179	1987	1x2m	S14/W8	80-90	bone	NA							23		
9180	1987	1x2m	S14/W8	80-90	shell	marine shell							6		
9181	1987	1x2m	S14/W8	80-90	charcoal	NA							9999	frag	
9182	1987	1x2m	S14/W8	80-90	flakedstone	debitage						7.3	21	frag	chipping waste
9183	1987	1x2m	S14/W8	80-90	flakedstone	scraper		0.9	0.4	0.1			1	frag	micro blade flake green/gr
9184	1988	1x2m	S14/W8	90-100	pottery	TizonBrown							5	frag	sherds
9185	1988	1x2m	S14/W8	90-100	charcoal	NA							9999	frag	
9186	1988	1x2m	S14/W8	90-100	bone	NA							21	frag	non-artifactual
9187	1981	1x2m	S14/W8	90-100	flakedstone	debitage						7.8	14	frag	chipping waste
9188	1988	1x2m	S14/W8	90-100	flakedstone	scraper		1.7	0.6	0.2			1	frag	blade flake
9189	1988	1x2m	S14/W8	100-110	bone	NA							2	frag	non-artifactual bone
9190	1988	1x2m	S14/W8	100-110	charcoal	NA							9999	frag	
9191	1988	1x2m	S14/W8	100-110	flakedstone	debitage						0.6	4	frag	chipping waste
9193	1987	1x2m	S18/W6	110-120	charcoal	NA							9999	frag	
9194	1987	1x2m	S18/W6	110-120	soilsample	NA							1	frag	
9195	198?	1x2m	S18/W6	110-120	flakedstone	debitage						0.2	1	frag	chipping waste
9196	1987	1x2m	S18/W6	110-120	bone	NA							4	frag	non-artifactual bone
9197	1987	1x2m	S18/W6	120-130	pottery	TizonBrown							1	frag	pot sherd
9198	1987	1x2m	S18/W6	120-130	bone	NA							12	frag	non-artifactual bone
9199	1987	1x2m	S2/W4	70-80	pottery	TizonBrown							1	frag	pot sherd
9200	1987	1x2m	S14/W4	50-60	bone	NA		0.8	0.6				1	frag	fish vertirae
9201	1987	1x2m	S13/E18	10-20	bone	NA		0.6	0.3	0.2			1	frag	otolith fish
9202	1987	1x2m	S14/W6	40-50	pottery	NA		2.6	1.4	0.9			1	frag	Rim Sherd
9203	1987	1x2m	S13/E18	20-30	flakedstone	scraper		4.5	4.0	1.0			1	frag	green/brown
9204	1987	1x2m	S4/W8	20-30	bone	NA		4.6	0.4	0.2			1	frag	bone awl - root etched
9205	1987	1x2m	S4/W8	20-30	pottery	NA		9.2	8.4	0.8			1	frag	rim sherd
9206	1987	1x2m	S14/W6	1987	flakedstone	NA	obsidian	0.6	0.4	0.1			1	frag	
9207	1987	1x2m	S4/W8	0-10	shell	marine shell							1	frag	white well preserved
9208	1987	1x2m	S13/E18	0-10	bone	NA							20	frag	
9209	1987	1x2m	S13/E18	30-40	bone	NA		1.2	0.5				1	frag	possible human incisor
9210	1987	1x2m	S22/W2	50-60	pottery	NA		5.3	4.0	0.5			1	frag	Rim Sherd - Red Brown
9211	1987	1x2m	S4/W8	30-40	flakedstone	scraper	basalt	3.2	1.5				1	frag	
9212	1987	1x2m	S4/W8	20-30	shell	marine shell							26	frag	non-artifactual
9213	1987	1x2m	S13/E18	10-20	pottery	TizonBrown							2	frag	1 sherd is quite blackened
9214	1987	1x2m	S13/E18	0-10	shell	NA							7	frag	

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9215	1987	1x2m	S4/W8	10-20	flakedstone	debitage							9	frag	chipping waste
9216	1987	1x2m	S13/E18	20-30	flakedstone	NA	obsidian						3	frag	
9217	1987	1x2m	S22/W2	50-60	pottery	TizonBrown							1	frag	
9218	1987	1x2m	S22/W2	50-60	bone	NA							20	frag	non-artifactual
9219	1987	1x2m	S22/W2	50-60	shell	marine shell							7	frag	non-artifactual
9220	1987	1x2m	S22/W2	50-60	flakedstone	debitage						2.3	2	frag	chipping waste
9221	1987	1x2m	S13/E8	30-40	flakedstone	scraper		9.3	8.2	0.7			1	frag	Teshoa Scraper (Flake)
9222	1987	1x2m	S14/W4	20-30	flakedstone	scraper		6.2	3.4	1.7			1	frag	dark grey
9223	1987	1x2m	S4/W8	30-40	flakedstone	scraper		2.6	1.0	0.2			1	frag	blade flake scraper
9224	1987	1x2m	S14/W4	20-30	flakedstone	projectilept	basalt	3.0	1.1	0.5			1	frag	projectile point tip - broke
9225	1987	1x2m	S13/E18	30-40	flakedstone	NA	obsidian	1.0	0.6	0.2			1	frag	dark grey
9226	1987	1x2m	S13/E8	20-30	flakedstone	scraper		4.8	2.1	0.7			1	frag	
9227	1987	1x2m	S18/W6	80-90	flakedstone	core		7.5	3.8	3.1			1	frag	dark grey - core - dished
9228	1987	1x2m	S14/W4	20-30	pottery	NA		2.3	1.7	0.5			1	frag	drilled pottery piece - con
9229	1987	1x2m	S14/W2	40-50	bone	NA		0.3	0.6	0.5			1	frag	fish vertebra
9230	1987	1x2m	S14/W2	40-50	flakedstone	utilizedflake		5.7	1.9	0.6			1	frag	dark grey
9231	1987	1x2m	S14/W2	40-50	flakedstone	utilizedflake		2.5	2.3	0.3			1	frag	
9232	1987	1x2m	S13/E6	120-130	groundstone	bead	soapstone	0.4	0.1	0.1			1	frag	steatite
9233	1987	1x2m	S14/W2	40-50	bone	NA		1.1	0.4	0.4			1	frag	polished bone
9234	1987	1x2m	S13/E6	120-130	pottery	TizonBrown		2.3	2.0	0.6			1	frag	
9235	1987	1x2m	S22/W2	60-70	shell	bead		0.4		0.1			1	frag	olivella shell
9236	1987	1x2m	S14/W6	40-50	bone	NA		3.0	1.2	0.1			1	frag	fish bone
9237	1987	1x2m	S13/E6	surface	flakedstone	utilizedflake		3.6	1.7	1.7			1	frag	
9238	1987	1x2m	S14/W6	40-50	flakedstone	scraper		3.3	2.0	0.8			1	frag	dark grey
9239	1987	1x2m	S14/W0	80-90	flakedstone	biface	basalt	2.1	1.7	0.2			1	frag	point blank
9240	1987	1x2m	S13/E18	20-30	flakedstone	scraper		3.4	2.8	0.7			1	frag	speckled purple
9241	1987	1x2m	S14/W6	40-50	flakedstone	projectilept	quartz	0.8	0.6	0.2			1	frag	possible point tip
9242	1987	1x2m	S14/W6	40-50	bone	NA		9.7	1.7	0.4			1	frag	diagonal striations - work
9243	1987	1x2m	S14/W2	40-50	flakedstone	projectilept	basalt	3.0	1.8	0.5			1	frag	point blank
9244	1987	1x2m	S14/W0	80-90	bone	NA		0.3	0.3				1	frag	fish vertebre
9245	1987	1x2m	S13/E6	120-130	groundstone	abrader							1	frag	abraided stone
9246	1987	1x2m	S14/W2	40-50	flakedstone	NA	chalcedony	2.0	1.8	0.6			1	frag	possible used flake - yello
9247	1987	1x2m	S14/W0	80-90	shell	bead		1.0	0.5				1	frag	olivella shell bead - chipp
9248	1987	1x2m	S13/E18	20-30	flakedstone	projectilept	quartz	2.0	1.8	0.4			1	frag	point tip
9249	1987	1x2m	S13/E18	10-20	shell	NA							999	frag	non-artifactual shell
9250	1988	1x2m	S4/W8	60-70	bone	NA		2.1	1.0	0.5			1	frag	non-artifactual shell
9251	1988	1x2m	S4/W8	60-70	flakedstone	projectilept	quartz	1.3	1.3	0.4			1	frag	possible point blank frag

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9253	1988	1x2m	S14/W0	90-100	bone	NA		1.4	1.5	1.5			1	frag	fish vertebre
9254	1988	1x2m	S14/W2	50-60	bone	NA		0.7	0.5	0.2			1	frag	otolith
9255	1987	1x2m	S14/W0	90-100	groundstone	bead		0.4	0.4	0.1			1	frag	steatite
9256	1988	1x2m	S4/W8	60-70	flakedstone	projectilept	quartz	1.5	1.0	0.4			1	frag	
9257	1988	1x2m	S14/W2	50-60	glass	NA		0.8	0.6	0.6			2	frag	melted glass fragment, po
9258	1988	1x2m	S14/W2	50-60	bone	NA		1.0	0.8	0.4			1	frag	tooth fragment
9259	1988	1x2m	S13/E18	40-50	flakedstone	debitage	obsidian	1.2	0.8	0.5			1	frag	waste
9260	1988	1x2m	S13/E18	40-50	flakedstone	biface	basalt	2.0	1.8	0.4			1	frag	dark grey - basal end, lent
9261	1987	1x2m	S2/W4	70-80	bone	NA							48	frag	non-artifactual
9262	1987	1x2m	S2/W4	70-80	shell	NA							18	frag	non-artifactual shell
9263	1987	1x2m	S2/W4	70-80	charcoal	NA							9999	frag	
9264	1987	1x2m	S2/W4	70-80	flakedstone	debitage						11.7	24	frag	chipping waste
9265	198?	1x2m	S2/W4	80-90	flakedstone	debitage						32.9	11	frag	chipping waste
9266	1987	1x2m	S2/W4	80-90	pottery	TizonBrown							1	frag	
9267	1987	1x2m	S2/W4	80-90	bone	NA							18	frag	non-artifactual
9268	1987	1x2m	S2/W4	80-90	shell	NA							8	frag	non-artifactual
9269	1987	1x2m	S2/W4	80-90	charcoal	NA							9999	frag	
9270	1987	1x2m	S2/W4	80-90	charcoal	NA							9999		from hearth area
9271	1987	1x2m	S13/E8	20-30	pottery	TizonBrown							41	frag	
9272	1987	1x2m	S13/E18	20-30	pottery	ColoradoBuff							4	frag	2 pieces are glued togethe
9273	1987	1x2m	S13/E18	20-30	bone	NA							349	frag	non-artifactual
9274	1987	1x2m	S13/E18	20-30	shell	NA							106	frag	non-artifactual
9275	1987	1x2m	S13/E18	20-30	flakedstone	debitage						120.2	178	frag	chipping waste
9276	1987	1x2m	S14/W6	50-60	pottery	TizonBrown							35	frag	
9277	1987	1x2m	S14/W6	50-60	shell	NA							63	frag	non-artifactual
9278	1987	1x2m	S14/W6	50-60	bone	NA							999	frag	qty: 766 (not recounted in
9279	1987	1x2m	S14/W6	50-60	charcoal	NA							9999	frag	
9280	1987	1x2m	S14/W6	50-60	groundstone	mano	granitic	8.0	6.0	6.5			1	frag	poss. Mano fragment - un
9281	1987	1x2m	S14/W6	50-60	flakedstone	NA	green	1.2	1.1	0.2			1	frag	
9282	1987	1x2m	S14/W6	50-60	flakedstone	scraper	basalt	1.6	0.7	0.1			1	frag	dark grey
9283	1987	1x2m	S14/W6	50-60	flakedstone	debitage	basalt	1.2	0.8	0.2			1	frag	
9284	1987	1x2m	S14/W6	50-60	flakedstone	debitage						117.6	223	frag	chipping waste
9285	1987	1x2m	S14/W6	50-60	flakedstone	biface	chalcedony	1.8	1.3	0.4			1	frag	poss. Blank
9286	1987	1x2m	S14/W4	60-70	pottery	TizonBrown							4	frag	
9287	1987	1x2m	S14/W4	60-70	pottery	TizonBrown		1.5	1.4	0.6			1	frag	rimsherd
9288	1987	1x2m	S14/W4	60-70	flakedstone	utilizedflake	green	2.8	2.3	0.4			1	frag	includes small amount of
9289	1987	1x2m	S14/W4	60-70	charcoal	NA							9999	frag	

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9290	1987	1x2m	S14/W4	60-70	bone	NA							999	frag	non-artifactual (qty: 585 n
9291	1987	1x2m	S14/W4	60-70	flakedstone	core		6.3	3.7	2.0			1	frag	core fragment
9292	1987	1x2m	S14/W4	1987	flakedstone	core		5.8	3.9	3.5			1	frag	core frag
9293	1987	1x2m	S14/W4	60-70	shell	NA							56	frag	non-artifactual
9294	1987	1x2m	S14/W4	60-70	flakedstone	debitage						45.3	56	frag	chipping waste
9295	1987	1x2m	S14/W4	60-70	flakedstone	debitage		0.8	0.6	0.1			1	frag	micro
9296	1987	1x2m	S14/W4	60-70	flakedstone	debitage		0.9	0.7	0.1			1	frag	micro-flake
9297	1987	1x2m	S14/W4	60-70	flakedstone	NA		1.7	1.6	0.2			1	frag	
9298	1987	1x2m	S14/W4	60-70	flakedstone	scraper		4.4	3.4	0.7			1	frag	poss. Flake scraper - gray
9299	1987	1x2m	S14/W4	60-70	pottery	TizonBrown		2.7	2.1	0.8			1	frag	rimsherd
9300	1988	1x2m	S14/W4	70-80	pottery	TizonBrown							3	frag	sherds
9301	1988	1x2m	S14/W4	70-80	shell	NA							8		non-artifactual shell- 2 do
9302	1988	1x2m	S14/W4	70-80	charcoal	NA							9999		
9303	1988	1x2m	S14/W4	70-80	flakedstone	utilizedflake	MVporphyritic	3.7	1.8	0.5			1	frag	white & black inclusions
9304	1988	1x2m	S14/W4	70-80	bone	NA							220	frag	non artifactual
9305	1988	1x2m	S14/W4	70-80	flakedstone	debitage	varied					5.8	14	frag	6 quartz- 1.3g, 8 basalt-4.
9306	1987	1x2m	S14/W2	40-50	other	other							0		Ash-extra heavy concentr
9307	1987	1x2m	S14/W2	40-50	other	other							0		Ash from ash lens
9308	1987	1x2m	S14/W2	40-50	charcoal	NA							9999		charcoal from ash lens. "#
9309	1987	1x2m	S14/W2	40-50	charcoal	NA							9999		Charcoal- " #9308 is char
9310	1987	1x2m	S14/W2	40-50	pottery	TizonBrown							18	frag	
9311	1987	1x2m	S14/W2	40-50	shell	NA							122		Non artifactual shell; 3 oli
9312	1987	1x2m	S14/W2	40-50	bone	NA							706		Non artifactual bones- not
9313	1987	1x2m	S14/W2	40-50	flakedstone	debitage	varied					88.1	217	frag	68 quartz-16.1g, 5 quartz
9314	1987	1x2m	S14/W2	40-50	groundstone	NA	basalt	3.8	3.3	1.5			1	frag	cobble frag
9315	1988	1x2m	S14/W2	50-60	charcoal	NA							9999		
9316	1988	1x2m	S14/W2	50-60	pottery	TizonBrown							11	frag	
9317	1988	1x2m	S14/W2	50-60	shell	NA							99		non artifactual shell; 25 d
9318	1988	1x2m	S14/W2	50-60	bone	NA							826	frag	non artifactual bone
9319	1988	1x2m	S14/W2	50-60	flakedstone	debitage	varied					25.5	107	frag	43 quartz 13.1g, 5 felsite .
9320	1988	1x2m	S14/W2	50-60	flakedstone	debitage	basalt	2.4	1.9	0.2			0	frag	
9321	1987	1x2m	S14/W0	80-90	pottery	TizonBrown							9	frag	
9322	1987	1x2m	S14/W0	80-90	charcoal	NA							9999		
9323	1987	1x2m	S14/W0	80-90	bone	NA							786		non artifactual bone- not r
9324	1987	1x2m	S14/W0	80-90	flakedstone	debitage	varied					51.1	170	frag	60 quartz 17.4g, 9 felsite
9325	1987	1x2m	S14/W0	80-90	flakedstone	debitage	jasper	0.1	0.7	0.1			1	frag	blade flake
9326	1987	1x2m	S14/W0	80-90	shell	NA							170	frag	non artifactual; 48 donax,

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9327	1988	1x2m	S14/W0	90-100	pottery	TizonBrown							3	frag	
9328	1988	1x2m	S14/W0	90-100	charcoal	NA							9999		
9329	1988	1x2m	S14/W0	90-100	bone	NA							507	frag	non artifactual. Not recou
9330	1988	1x2m	S14/W0	90-100	shell	NA							38	frag	non artifactual; 11 donax,
9331	1988	1x2m	S14/W0	90-100	flakedstone	debitage	varied					138.9	79	frag	25 quartz 4.8g, 2 chalced
9332	1988	1x2m	S14/W0	90-100	flakedstone	utilizedflake	basalt	2.5	2.4	0.3			1	frag	
9333	1988	1x2m	S14/W0	90-100	flakedstone	utilizedflake	basalt	3.9	1.8	0.5			1	frag	
9334	1988	1x2m	S14/W0	90-100	groundstone	NA	basalt	7.2	5.5	3.3			1	frag	cobble frag
9335	1988	1x2m	S14/W0	90-100	flakedstone	core	basalt	10.2	9.0	6.8			1		amorphous
9336	1988	1x2m	S14/W0	90-100	groundstone	mano	granitic	4.7	4.5	4.0			1	frag	bifacial mano frag
9337	1987	1x2m	S13/E6	120-130	pottery	TizonBrown							3	frag	
9338	1987	1x2m	S13/E6	120-130	bone	NA							539	frag	non artifactual - not recou
9339	1987	1x2m	S13/E6	120-130	shell	NA							146	frag	62 donax, 5 abalone, 21 c
9340	1987	1x2m	S13/E6	120-130	flakedstone	debitage	varied					173.1	69	frag	5 quartzite 6.4g, 9 quartz
9341	1987	1x2m	S13/E6	120-130	flakedstone	NA	schist	11.6	1.7	1.5			1	frag	glued broken piece.
9342	1987	1x2m	S13/E6	120-130	bone	NA		2.5	1.4	0.4			1	frag	polished bone
9343	1988	1x2m	S13/E6	140	pottery	TizonBrown							2	frag	cave-in SW corner
9344	1988	1x2m	S13/E6	140-150	flakedstone	debitage	varied					4.3	6	frag	1 rhyolite 2.3g, 2 basalt 0.
9345	1988	1x2m	S13/E6	140-150	bone	NA							63	frag	non artifactual. Cave in S
9346	1988	1x2m	S13/E6	140-150	shell	NA							23	frag	non artifactual. Cave in S
9347	1987	1x2m	S13/E6	130-140	shell	NA							76	frag	non artifactual 15 donax,
9348	1987	1x2m	S13/E6	130-140	bone	NA							513	frag	on artifactual
9349	1987	1x2m	S13/E6	130-140	bone	NA		1.1	0.3	0.3			1	frag	fish vertebra
9350	1987	1x2m	S13/E6	130-140	flakedstone	debitage	varied					23.0	42	frag	3 quartz 0.2g, 39 basalt 2
9351	1987	1x2m	S13/E6	130-140	flakedstone	utilizedflake	basalt	1.8	1.6	0.2			1		flake
9352	1987	1x2m	S13/E6	130-140	flakedstone	core	quartzite	6.0	5.5	1.6			1	frag	core frag
9353	1988	1x2m	S14/W0	100-110	charcoal	NA							9999		
9354	1988	1x2m	S14/W0	100-110	pottery	TizonBrown							1	frag	
9355	1988	1x2m	S14/W0	100-110	shell	NA							10	frag	non artifactual; 2 pecten,
9356	1988	1x2m	S14/W0	100-110	flakedstone	debitage	varied					3.8	4	frag	1 basalt 0.1g, 3 quartz 3.7
9357	1988	1x2m	S14/W0	100-110	bone	NA							80	frag	non artifactual
9358	1988	1x2m	S13/E6	150-160	shell	NA							9	frag	non artifactual; 3 chione,
9359	1988	1x2m	S13/E6	150-160	bone	NA							54	frag	non artifactual
9360	198?	1x2m	S13/E6	150-160	flakedstone	debitage	quartz					4.2	1	frag	
9361	1988	1x2m	S13/E6	150-160	flakedstone	core	basalt	6.5	5.0	4.0			1	frag	
9362	1988	1x2m	S14/E2	60-70	bone	NA		0.9	0.5	0.3			1	frag	otolith
9363	1983	1x2m	S26/W4	60-70	flakedstone	utilizedflake	green	3.5	1.9	0.1		2.5	1	frag	

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9364	1987	1x2m	S18/W6	90-100	pottery	TizonBrown							7	frag	
9365	1987	1x2m	S18/W6	90-100	shell	NA							12	frag	non artifactual. 1 olivella
9366	1987	1x2m	S18/W6	90-100	bone	NA							139	frag	non artifactual
9367	1987	1x2m	S18/W6	90-100	flakedstone	debitage	varied					16.3	21	frag	8 quartz 0.9g, 1 quartzite
9368	1987	1x2m	S18/W6	90-100	charcoal	NA							9999		
9369	1988	1x2m	S10/E12	20-30	shell	bead		1.3	0.7	0.7			1		whole olivella bead. Hole
9370	1988	1x2m	S10/E12	20-30	glass	bead		0.3					1		irridescent blue 0.3 diam-
9371	1988	1x2m	S10/E12	20-30	glass	bead		0.3					1		irridescent blue 0.3cm dia
9372	1988	1x2m	S10/E12	20-30	flakedstone	utilizedflake	obsidian						2	frag	broken in 2 by excavator-
9373	1988	1x2m	S10/E12	20-30	shell	NA		1.5	0.6	0.1			1	frag	possibly worked
9374	1988	1x2m	S10/E12	20-30	pottery	TizonBrown		7.1	5.2	0.5			1	frag	
9375	1988	1x2m	S10/E12	20-30	pottery	TizonBrown							19	frag	
9376	1988	1x2m	S10/E12	20-30	flakedstone	debitage	varied					129.3	80	frag	37 basalt 57.5g, 5 chalced
9377	1988	1x2m	S10/E12	20-30	shell	NA							161	frag	non artifactual; 1 cerithid
9378	1988	1x2m	S10/E12	20-30	flakedstone	utilizedflake	obsidian	0.7	0.5	0.1		0.1	1		
9379	1988	1x2m	S10/E12	20-30	flakedstone	utilizedflake	basalt	2.6	1.6	0.6			1	frag	
9380	1988	1x2m	S10/E12	20-30	flakedstone	scraper	basalt	4.0	3.0	1.2			1		
9381	1988	1x2m	S10/E12	20-30	flakedstone	utilizedflake	quartzite	3.0	1.2	0.6			1	frag	
9382	1988	1x2m	S10/E12	20-30	bone	NA		2.7	0.5	0.3			1	frag	polished
9383	1988	1x2m	S10/E12	20-30	bone	NA							273	frag	non artifactual
9384	1988	1x2m	S10/E12	20-30	groundstone	mano	granitic	10.0	6.6	3.8			1	frag	bifacial
9385	1988	1x2m	S10/E12	20-30	groundstone	abrader	granitic	10.0	8.0	6.0			2	frag	2 pieces were found in se
9386	1988	1x2m	S10/E12	20-30	flakedstone	utilizedflake	basalt	4.5	2.3	1.0			1		
9387	1988	1x2m	S10/E12	20-30	flakedstone	utilizedflake	quartzite	3.4	2.3	0.8			1	frag	
9388	1988	1x2m	S10/E12	20-30	flakedstone	debitage	varied					115.8	2	frag	1 andesite 111.9g, 1 quart
9389	1988	1x2m	S10/E12	20-30	flakedstone	NA	schist	10.3	5.5	2.0			1	frag	
9390	1988	1x2m	S4/W8	70-80	flakedstone	debitage	obsidian	1.6	1.3	0.1			1	frag	
9391	1988	1x2m	S22/W2	90-100	flakedstone	knife	basalt	2.5	2.2	0.6		3.8	1		
9392	1988	1x2m	S7.5/E10	surface	flakedstone	projectilept	quartz	2.3	1.9	0.4		2.7	1	frag	base
9393	1988	1x2m	S14/W6	60-70	flakedstone	projectilept	basalt	3.6	1.6	0.3		1.7	1		triangular, concave base
9394	1988	1x2m	S10/E12	30-40	glass	bead		0.3					1		irridescent blue- 0.3cm di
9395	1988	1x2m	S14/W6	60-70	bone	NA		1.0	0.6	0.2			2		2 fish vertebrae joined tog
9396	1988	1x2m	S10/E12	30-40	bone	awl		9.4	2.4	0.9			1	frag	base- deer metatarsal
9397	1988	1x2m	S4/W8	70-80	flakedstone	projectilept	quartz	2.0	1.1	0.2		0.6	1		triangular, concave base
9398	1988	1x2m	S4/W8	70-80	glass	NA		2.0	1.6	0.2			1	frag	1 edge looks like it has be
9399	1988	1x2m	S23/E2	surface	shell	NA		1.5	0.8	0.3			1	frag	drilled shell
9400	1988	1x2m	S13/E6	140-150	pottery	TizonBrown							2	frag	

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9401	1988	1x2m	S13/E6	140-150	shell	NA							162	frag	non-artifactual shell
9402	1988	1x2m	S13/E6	140-150	bone	NA							999	frag	
9403	1988	1x2m	S13/E6	140-150	flakedstone	debitage						96.1	80	frag	chipping waste
9404	1988	1x2m	S13/E6	140-150	flakedstone	core	basalt	4.1	3.7	3.1			1	frag	dark grey
9405	1988	1x2m	S13/E6	140-150	flakedstone	core	basalt	8.0	7.7	2.9		180.8	1	frag	
9407	1088	1x2m	S22/W2	100-110	flakedstone	utilizedflake	basalt	2.9	1.7	0.8			1	frag	
9408	1988	1x2m	S4/W8	70-80	flakedstone	projectilept	quartz	2.4	0.9	0.3			1	frag	
9409	1988	1x2m	S30/W16	10-20	pottery	pipe		0.8	0.7	0.2			1	frag	pipe frag
9411	1988	1x2m	S30/W16	0-10	bone	NA							1	frag	non-artifactual
9412	1988	1x2m	S30/W16	0-10	pottery	TizonBrown							1	frag	T
9413	1988	1x2m	S30/W16	0-10	bone	NA							4	frag	non-artifactual
9414	1988	1x2m	S30/W6	0-10	shell	marine shell							4	frag	
9415	1988	1x2m	S30/W16	0-10	pottery	TizonBrown							3	frag	
9416	1988	1x2m	S30/W16	0-10	flakedstone	debitage						5.5	4	frag	chipping waste
9417	1988	1x2m	S30/W6	0-10	flakedstone	core		3.9	3.1	1.6			1	frag	core frag
9418	1988	1x2m	S22/W2	90-100	bone	NA							277	frag	non-artifactual
9419	1988	1x2m	S22/W2	90-100	pottery	TizonBrown							5	frag	sherds
9420	1988	1x2m	S22/W2	90-100	charcoal	NA							9999	frag	
9421	1988	1x2m	S22/W2	90-100	shell	marine shell							999	frag	non-artifactual
9422	1988	1x2m	S22/W2	90-100	flakedstone	debitage						41.0	37	frag	chipping waste
9423	1988	1x2m	S22/W2	90-100	flakedstone	scraper	basalt	4.2	1.6	0.2			1	frag	blade flake
9424	1988	1x2m	S22/W2	100-110	flakedstone	debitage						13.6	24	frag	chipping waste
9425	1988	1x2m	S14/W6	60-70	pottery	TizonBrown		2.3	1.5	0.5			1	frag	rimsherd
9426	1988	1x2m	S14/W6	60-70	pottery	TizonBrown		3.3	2.2	0.6			1	frag	rimsherd
9427	1988	1x2m	S14/W6	60-70	flakedstone	tool	basalt	3.5	0.9	0.5			1	frag	blade flake
9428	1988	1x2m	S14/W6	1988	flakedstone	utilizedflake	granitic	2.9	1.8	0.5			1	frag	
9429	1988	1x2m	S14/W6	60-70	flakedstone	scraper	basalt	9.0	7.0	1.3			1	frag	
9430	1988	1x2m	S22/W2	100-110	pottery	TizonBrown							5	frag	
9431	1988	1x2m	S22/W2	100-110	shell	NA							8	frag	
9432	1988	1x2m	S22/W2	100-110	bone	NA							134	frag	non-artifactual
9433	1988	1x2m	S14/W6	60-70	pottery	TizonBrown							19	frag	sherds
9434	1988	1x2m	S14/W6	60-70	bone	NA							999	frag	qty: 385 (not recounted in
9435	1988	1x2m	S14/W6	60-70	shell	NA							67	frag	non-artifactual
9436	1988	1x2m	S14/W6	60-70	flakedstone	debitage	varied					32.8	132		
9437	1988	1x2m	S14/W6	60-70	flakedstone	utilizedflake	quartzite	3.0	2.2	0.7			1		
9438	1988	1x2m	S14/W6	60-70	flakedstone	debitage	other	3.6	2.8	1.3			1		
9439	1988	1x2m	S14/W6	60-70	flakedstone	debitage	basalt	4.0	3.2	2.0			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9440	1988	1x2m	S13/E18	40-50	flakedstone	debitage	obsidian	0.9	0.8	0.1			1		
9441	1988	1x2m	S13/E18	40-50	flakedstone	debitage	obsidian	1.0	0.7	0.1			1		
9442	1988	1x2m	S13/E18	40-50	other	NA	unidentified	2.6	1.7	1.5			2		"unusual rocks"
9443	1988	1x2m	S30/W16	10-20	bone	NA		1.1	1.0	0.3			1	frag	fish vertebra
9444	1988	1x2m	S4/W8	70-80	flakedstone	projectilept	basalt	3.0	1.1	0.4			1		
9445	1988	1x2m	S13/E18	40-50	flakedstone	debitage	obsidian	0.8	0.8	0.1			1		
9446	1988	1x2m	S4/W8	70-80	pottery	pipe		0.8	0.7	0.2			1	frag	
9447	1988	1x2m	S14/W2	60-70	shell	bead		1.2	0.7				1		Olivella
9448	1988	1x2m	S4/W8	70-80	bone	NA		0.3	0.2				1		fish vertebra
9449	1988	1x2m	S4/W8	70-80	bone	NA		3.2	1.0	0.6			1	fragment/b	bird wing
9450	1988	1x2m	S14/W2	70-80	other	NA	schist	6.5	1.6	1.4			1	frag	
9451	1988	1x2m	S13/E18	50-60	flakedstone	scraper	green	3.5	1.9	0.7			1		
9452	1988	1x2m	S10/E14	0-10	glass	NA							2	frag	
9453	1988	1x2m	S10/E14	0-10	pottery	TizonBrown							2		
9454	1988	1x2m	S10/E14	0-10	bone	NA							1		
9455	1988	1x2m	S10/E14	0-10	flakedstone	debitage	varied					0.7	3		
9456	1988	1x2m	S30/W16	10-20	pottery	TizonBrown							17		
9457	1988	1x2m	S30/W16	10-20	pottery	TizonBrown		2.9	1.7	0.7			1		rim sherd
9458	1988	1x2m	S30/W16	10-20	bone	NA							119		
9459	1988	1x2m	S30/W16	10-20	shell	marine shell							31	frag	
9460	1988	1x2m	S30/W16	10-20	glass	NA							2	frag	
9461	1988	1x2m	S30/W16	10-20	flakedstone	debitage	varied					27.9	40		
9462	1988	1x2m	S30/W16	10-20	flakedstone	debitage	basalt	0.7	0.6	0.1			1		
9463	1988	1x2m	S30/W16	20-30	pottery	TizonBrown							11		
9464	1988	1x2m	S30/W16	20-30	pottery	TizonBrown		2.9	2.9	0.6			1		rim sherd
9465	1988	1x2m	S30/W16	20-30	bone	NA							160		
9466	1988	1x2m	S30/W16	20-30	shell	marine shell							57		
9467	1988	1x2m	S30/W16	20-30	flakedstone	debitage	varied					16.6	21		
9468	1988	1x2m	S30/W16	20-30	flakedstone	debitage	basalt	1.2	0.5	0.1			1		
9469	1988	1x2m	S30/W16	20-30	flakedstone	knife	green	3.5	3.1	1.2			1	frag	
9470	1988	1x2m	S30/W16	30-40	pottery	TizonBrown		2.7	2.6	0.6			1		rim sherd
9471	1988	1x2m	S30/W16	30-40	pottery	TizonBrown							40		
9472	1988	1x2m	S30/W16	30-40	bone	NA							431		
9473	1988	1x2m	S30/W16	30-40	shell	marine shell							92		
9474	1988	1x2m	S30/W16	30-40	flakedstone	debitage	varied					107.2	38		
9475	1988	1x2m	S30/W16	30-40	flakedstone	core	quartzite	8.8	4.6	1.7			1	frag	
9476	1988	1x2m	S14/W6	70-80	pottery	TizonBrown							3		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9477	1988	1x2m	S14/W6	70-80	pottery	TizonBrown		2.5	2.0	0.5			1		rim sherd
9478	1988	1x2m	S14/W6	70-80	shell	marine shell							24		
9479	1988	1x2m	S14/W6	70-80	bone	NA							130		
9480	198?	1x2m	S14/W6	70-80	flakedstone	debitage	varied					12.3	23		
9481	1988	1x2m	S14/W6	70-80	flakedstone	core	basalt	4.0	2.1	2.2			1	frag	
9482	1988	1x2m	S14/W6	70-80	flakedstone	scraper	basalt	4.6	3.1	1.5			1		
9483	1988	1x2m	S4/W8	70-80	pottery	TizonBrown		2.5	2.6	0.6			1		rim sherd
9484	1988	1x2m	S4/W8	70-80	pottery	TizonBrown							5		
9485	1988	1x2m	S4/W8	70-80	flakedstone	debitage	quartz	3.0	1.5	0.7			1		blank
9486	1988	1x2m	S4/W8	70-80	flakedstone	debitage	chalcedony	2.4	1.3	0.2			1		
9487	1988	1x2m	S4/W8	70-80	flakedstone	utilizedflake	basalt	6.8	2.7	0.9			1		
9488	1988	1x2m	S4/W8	70-80	flakedstone	scraper	basalt	3.3	2.9	0.6			1		
9489	1988	1x2m	S4/W8	70-80	flakedstone	core	other	7.6	4.6	4.2			1	frag	
9490	1988	1x2m	S4/W8	70-80	flakedstone	core	basalt	6.6	3.5	2.7			1	frag	
9491	1988	1x2m	S4/W8	70-80	flakedstone	core	other	7.5	6.2	1.7			1	frag	
9492	1988	1x2m	S4/W8	70-80	flakedstone	core	green	4.8	3.3	1.8			1	frag	
9493	198?	1x2m	S18/W0	60-70	bone	NA		0.4	0.3				1		fish vertebra
9494	198?	1x2m	S18/W0	60-70	bone	NA		1.1	0.7	0.1			1		fish
9495	1988	1x2m	S4/W8	70-80	other	NA	basalt	4.6	3.7	2.5			1	frag	cobble
9496	1988	1x2m	S4/W8	70-80	bone	NA							455		
9497	1988	1x2m	S4/W8	70-80	shell	marine shell							52		
9498	1988	1x2m	S4/W8	70-80	flakedstone	debitage	varied					34.6	236		
9499	1988	1x2m	S10/E12	30-40	bone	NA		2.0	0.6	0.6			1		antler tip
9500	1988	1x2m	S11/E12	surface	shell	marine shell							3		
9501	1988	1x2m	S14/W2	60-70	shell	bead		1.8	1.0	1.0			1		Olivella
9502	1988	1x2m	S11/E12	surface	flakedstone	debitage	varied					4.5	4		
9503	1988	1x2m	S11/E12	surface	bone	NA							2		
9504	1988	1x2m	S30/W16	50-60	groundstone	mano	granitic	16.3	11.3	5.0			1		
9505	1988	1x2m	S30/W16	50-60	flakedstone	core	other	6.5	5.0	3.0			1		
9506	1988	1x2m	S4/W8	80-90	bone	NA		0.2	2.5				1		fish vertebra
9507	1988	1x2m	S13/E18	50-60	shell	bead		0.5	0.5	0.1			1		
9508	1988	1x2m	S13/E18	50-60	glass	bead		0.2			0.3		1		
9509	1988	1x2m	S30/W16	40-50	flakedstone	core	basalt	6.0	5.5	2.3			1	frag	
9510	1988	1x2m	S28/W16	surface	groundstone	mano	granitic	7.0	7.0	4.5			1	frag	
9511	1988	1x2m	S30/W16	40-50	shell	marine shell							69		
9512	1988	1x2m	S30/W16	40-50	pottery	TizonBrown							5		
9513	1988	1x2m	S30/W16	40-50	bone	NA							372		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9514	1988	1x2m	S30/W16	40-50	flakedstone	debitage	varied					23.4	23		
9515	1988	1x2m	S30/W16	40-50	bone	NA		0.2	0.2				1		fish vertebra
9516	1988	1x2m	S14/W2	60-70	groundstone	hammerstone	basalt	6.1	5.6	3.1			1		
9517	1988	1x2m	S30/W16	50-60	flakedstone	debitage	unidentified	2.0	0.9	0.6			1		
9518	1988	1x2m	S4/W8	80-90	bone	NA							46		
9519	1988	1x2m	S4/W8	80-90	flakedstone	debitage	varied					0.9	16		
9520	1988	1x2m	S4/W8	80-90	shell	marine shell							10		
9521	1988	1x2m	S14/W2	60-70	flakedstone	debitage	varied					51.0	113		
9522	1988	1x2m	S14/W2	60-70	pottery	TizonBrown							6		
9523	1988	1x2m	S14/W2	60-70	shell	marine shell							164		
9524	1988	1x2m	S14/W2	60-70	bone	NA		0.4	0.2				1		fish vertebra
9525	1988	1x2m	S14/W2	60-70	bone	NA		0.3	0.2				1		fish vertebra
9526	1988	1x2m	S14/W2	60-70	bone	NA		0.7	0.4	0.2			1		otolith
9527	1988	1x2m	S14/W2	60-70	bone	NA							926		
9528	1988	1x2m	S11/E12	10-20	bone	NA							3	frag	large mammal long bones
9529	1988	1x2m	S14/W6	80-90	bone	NA							65		
9530	1988	1x2m	S14/W6	80-90	shell	marine shell							8	frag	
9531	198?	1x2m	S14/W6	80-90	flakedstone	debitage	varied					5.6	19		
9532	1988	1x2m	S30/W16	50-60	pottery	TizonBrown							13		
9533	1988	1x2m	S30/W16	50-60	pottery	TizonBrown							1		
9534	1988	1x2m	S30/W16	50-60	bone	NA							256		
9535	1988	1x2m	S30/W16	50-60	shell	marine shell							68		
9536	1988	1x2m	S14/W2	70-80	pottery	TizonBrown							2		
9537	1988	1x2m	S14/W2	70-80	shell	marine shell							35		
9538	1988	1x2m	S14/W2	70-80	bone	NA							360		
9539	198?	1x2m	S14/W2	70-80	flakedstone	debitage	varied					10.6	38		
9540	1988	1x2m	S11/E12	0-10	pottery	TizonBrown		2.4	1.7	0.7			1		rim sherd
9541	1988	1x2m	S11/E12	0-10	flakedstone	debitage	obsidian	0.9	0.4	0.2			1		
9542	1988	1x2m	S11/E12	0-10	bone	awl		2.5	0.7	0.4			1	frag	
9543	1988	1x2m	S11/E12	0-10	bone	NA		0.3	0.3				1		fish vertebra
9544	1988	1x2m	S11/E12	0-10	metal	bullet		1.8	0.8				1		
9545	1988	1x2m	S11/E12	0-10	glass	bead		0.3	0.3				1		
9546	1988	1x2m	S11/E12	0-10	glass	bead		0.3	0.3				1		
9547	1988	1x2m	S11/E12	0-10	glass	bead		0.3	0.3				1		
9548	1988	1x2m	S11/E12	0-10	bone	NA							18	frag	large mammal
9549	1988	1x2m	S11/E12	0-10	pottery	TizonBrown							9		
9550	1988	1x2m	S11/E12	0-10	bone	NA							386		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9551	1988	1x2m	S11/E12	0-10	shell	marine shell							166		
9552	1988	1x2m	S11/E12	0-10	flakedstone	debitage	varied					99.7	68		
9553	1988	1x2m	S30/W16	50-60	flakedstone	debitage	varied					93.1	35		
9554	1988	1x2m	S30/W16	50-60	flakedstone	core	basalt	5.8	2.7	2.0			1	frag	
9555	1988	1x2m	S14/W2	70-80	other	NA	basalt	7.0	5.5	1.3			1	frag	cobble
9556	1987	1x2m	S13/E18	30-40	pottery	TizonBrown							22		
9557	1987	1x2m	S13/E18	30-40	pottery	TizonBrown		3.2	2.5	0.6			1		incised zig-zag line
9558	1987	1x2m	S13/E18	30-40	bone	NA							266		
9559	1987	1x2m	S13/E18	30-40	shell	marine shell							50		
9560	1987	1x2m	S13/E18	30-40	flakedstone	debitage	obsidian	1.2	0.9	0.1		0.2	1		
9561	1987	1x2m	S13/E18	30-40	flakedstone	debitage	varied					97.4	79		
9562	1987	1x2m	S13/E18	30-40	flakedstone	debitage	basalt	7.3	4.7	1.7			1		
9563	1988	1x2m	S11/E12	10-20	shell	bead		0.5	0.3	0.2			1	frag	
9564	1988	1x2m	S11/E12	10-20	bone	NA		2.0	0.6	0.4			1		tooth
9565	1988	1x2m	S11/E12	10-20	bone	NA		1.2	0.6	0.5			1	frag	deer tooth
9566	1988	1x2m	S14/W0	100-110	other	other	other						4		hematite nodules
9567	1988	1x2m	S11/E12	10-20	bone	NA		1.5	1.2	0.5			1	frag	polished
9568	1988	1x2m	S13/E0	surface	groundstone	mano	granitic	11.6	9.0	5.5			1	frag	
9569	1988	1x2m	S14/W2	80-90	shell	marine shell							14		
9570	1988	1x2m	S14/W2	80-90	bone	NA							193		
9571	1988	1x2m	S14/W2	80-90	flakedstone	debitage	varied					7.0	21		
9572	1988	1x2m	S10/E14	20-30	other	NA	schist	10.6	3.2	1.1			1	frag	
9573	1988	1x2m	S10/E14	20-30	other	NA	basalt	9.5	5.4	1.9			1	frag	cobble
9574	1988	1x2m	S10/E14	20-30	pottery	TizonBrown							20		
9575	1988	1x2m	S10/E14	20-30	pottery	TizonBrown		2.0	1.4	0.4			1		
9576	1988	1x2m	S10/E14	20-30	bone	NA							25		
9577	1988	1x2m	S10/E14	20-30	shell	marine shell							78		
9578	1988	1x2m	S14/W0	110-120	bone	NA		1.3	0.7	0.6			1		deer tooth
9579	1988	1x2m	S14/W0	110-120	groundstone	hammerstone	other	7.0	5.0	3.6			1		
9580	1988	1x2m	S14/W0	120-130	flakedstone	utilizedflake	basalt	4.3	2.3	0.6			1		
9581	1988	1x2m	S10/E14	20-30	flakedstone	debitage	varied					98.5	50		
9582	1988	1x2m	S10/E14	20-30	shell	marine shell		1.4	0.9	0.1			1		possibly worked
9583	1988	1x2m	S10/E14	20-30	flakedstone	core	basalt	3.1	2.4	2.3			1	frag	
9584	1988	1x2m	S11/E12	20-30	glass	bead		0.3	0.3				1		
9586	1988	1x2m	S10/E12	30-40	pottery	TizonBrown		1.5	1.2	0.4			1		rim sherd
9587	1988	1x2m	S11/E12	20-30	shell	marine shell		1.5	0.9	0.7			1	corn	Olivella
9588	1988	1x2m	S14/W0	120-130	bone	NA		2.9	1.6	0.6			1		antler tip

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9589	1988	1x2m	S10/E14	30-40	groundstone	arrowshaftstr	unidentified	11.0	3.7	3.8			1		
9590	1988	1x2m	S14/W0	100-110	pottery	TizonBrown							2		
9591	1988	1x2m	S14/W0	110-120	other	NA	schist	8.0	2.0	0.5			1		
9592	1988	1x2m	S14/W0	100-110	bone	NA							180		
9593	1988	1x2m	S14/W0	110-120	flakedstone	debitage	varied					65.8	23		
9594	1988	1x2m	S14/W0	100-110	shell	marine shell							29		
9595	1988	1x2m	S14/W0	100-110	flakedstone	debitage	varied					59.0	66		
9596	1988	1x2m	S14/W0	100-110	flakedstone	debitage	basalt	1.4	0.8				1		
9597	1988	1x2m	S14/W0	100-110	flakedstone	core	basalt	6.3	3.2	3.5			1	frag	
9598	1988	1x2m	S14/W0	100-110	other	NA	basalt	7.0	6.0	3.0			1	frag	cobble
9599	1988	1x2m	S14/W0	110-120	bone	NA							132		
9600	1988	1x2m	S10/E12	30-40	shell	marine shell							1		
9601	1988	1x2m	S10/E12	30-40	shell	marine shell							1		
9602	1988	1x2m	S10/E12	30-40	shell	marine shell							1		
9603	1988	1x2m	S10/E12	30-40	pottery	TizonBrown							14		
9604	1988	1x2m	S10/E12	30-40	bone	NA							409		
9605	1988	1x2m	S10/E12	30-40	shell	marine shell							135		
9606	1988	1x2m	S10/E12	30-40	groundstone	mano	granitic						1	frag	
9607	1998	1x2m	S10/E12	30-40	other	other	other	7.7	6.7	2.6			1		
9608	1988	1x2m	S14/E2	70-80	bone	NA		0.7	0.4	0.2			1		whole olivella bead abrad
9609	1988	1x2m	S30/W19	50-60	bone	NA		0.5	0.3				1		
9610	1988	1x2m	S11/E12	10-20	flakedstone	projectilept	chalcedony	1.9	1.4	0.4			1		
9611	1988	1x2m	S30/W16	60-70	bone	NA		0.3	0.2				1		fish
9612	1988	1x2m	S14/W0	100-110	bone	NA		0.4	0.3				1		fish
9613	1988	1x2m	S14/W2	70-80	bone	NA		0.2	0.2				1		fish
9614	1988	1x2m	S11/E12	10-20	bone	NA		0.3	0.3				1		fish
9615	1988	1x2m	S10/E14	20-30	glass	bead		0.4	0.3				1		glass bead
9616	1988	1x2m	S10/E14	10-20	shell	marine shell		1.0	0.8	0.1			1		shell
9617	1988	1x2m	S11/E12	10-20	flakedstone	projectilept	chalcedony	2.5	1.3	0.2			1		
9618	1988	1x2m	S11/E12	10-20	flakedstone	projectilept	chalcedony	2.1	1.3	0.2			1		
9619	1988	1x2m	S10/E14	20-30	flakedstone	projectilept	MVporphyritic	1.5	0.8	0.3			1		
9620	1988	1x2m	S11/E12	10-20	flakedstone	scraper		2.9	2.5	0.5			1		
9621	1988	1x2m	S11/E12	10-20	bone	NA		1.0	0.6	0.4			1		antler tip
9622	1988	1x2m	S14/W2	70-80	bone	NA		1.5	1.0	0.5			1		premolar
9623	1988	1x2m	S14/W2	70-80	bone	NA		1.3	1.0	0.4			1		tooth root
9624	1988	1x2m	S14/W0	100-110	bone	NA		1.1	0.6	0.1			1		polished bone fragment
9625	1988	1x2m	S10/E14	10-20	pottery	TizonBrown							7		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9626	1988	1x2m	S10/E14	10-20	bone	NA							3		
9627	1988	1x2m	S10/E14	10-20	flakedstone	debitage							15		
9628	1988	1x2m	S10/E14	10-20	shell	NA							36		
9629	1988	1x2m	S14/W0	110-120	pottery	TizonBrown							1		
9630	1988	1x2m	S14/W0	110-120	shell	NA							8		
9631	1988	1x2m	S14/W0	120-130	bone	NA							28		
9632	1988	1x2m	S30/W16	60-70	shell	NA							40		
9633	1988	1x2m	S30/W16	60-70	flakedstone	debitage							14		
9634	1988	1x2m	S14/W0	120-130	flakedstone	debitage							23		
9635	1988	1x2m	S31/W16	60-70	pottery	TizonBrown							3		
9636	1988	1x2m	S30/W16	60-70	bone	NA							127		
9637	1988	1x2m	S30/W16	70-80	flakedstone	debitage							6		
9638	1988	1x2m	S30/W16	70-80	pottery	TizonBrown							1		
9639	1988	1x2m	S31/W16	70-80	bone	NA							71		
9640	1988	1x2m	S30/W16	70-80	shell	NA							21		
9641	1988	1x2m	S14/W2	90-100	bone	NA							220		
9642	1988	1x2m	S14/W2	90-100	shell	NA							8		
9643	1988	1x2m	S14/W2	90-100	flakedstone	debitage							19		
9644	1988	1x2m	S14/W2	90-100	flakedstone	utilizedflake		3.6	3.0	0.7			1		
9645	1988	1x2m	S14/W4	80-90	pottery	TizonBrown							3		
9646	1988	1x2m	S14/W4	80-90	bone	NA							72		
9647	1988	1x2m	S14/W4	80-90	shell	NA							10		
9648	1988	1x2m	S14/W4	80-90	flakedstone	debitage							15		
9649	1988	1x2m	S14/W4	80-90	flakedstone	core		7.0	5.0	3.1			1		
9650	1988	1x2m	S14/W4	80-90	flakedstone	core		5.3	2.5	1.9			1		
9651	1988	1x2m	S11/E12	30-40	flakedstone	debitage	obsidian	0.7	0.5	0.1			1		
9652	1988	1x2m	S11/E12	40-50	flakedstone	debitage	obsidian	0.9	0.6	0.1			1		
9653	1988	1x2m	S11/E12	40-50	shell	marine shell		1.3	0.7				1		
9654	1988	1x2m	S11/E12	30-40	shell	marine shell		1.1	0.6				1		
9655	1988	1x2m	S4/W8	70-80	flakedstone	projectilept		3.6	2.0	0.5			1		
9656	1988	1x2m	S11/E12	40-50	flakedstone	projectilept		2.3	1.1	0.3			1		
9657	1988	1x2m	S10/E12	40-50	bone	NA		1.9	1.9	1.3			1		deer tooth - molar
9658	1988	1x2m	S11/E12	20-30	pottery	TizonBrown		3.0	1.9	0.6			1		
9659	1988	1x2m	S10/E12	50-60	bone	NA		0.4	0.5				1		vertebrae fragment
9660	1988	1x2m	S10/E12	40-50	bone	NA		1.4	0.6	0.3			1		
9661	1988	1x2m	S10/E12	40-50	glass	bead		0.4	0.3				1		
9662	1988	1x2m	S11/E12	20-30	bone	NA		1.1	0.3	0.1			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9663	1988	1x2m	S11/E12	30-40	flakedstone	projectilept		2.9	1.4	0.2			1		
9664	1988	1x2m	S11/E12	30-40	bone	NA		3.0	0.8	0.5			1		
9665	1988	1x2m	S13/E18	30-40	flakedstone	debitage	obsidian	1.4	0.6	0.5			1		
9666	1988	1x2m	S14/W2	100-110	flakedstone	debitage		2.5	1.7	0.3			1		
9667	1988	1x2m	S14/W2	100-110	shell	marine shell							10		
9668	1988	1x2m	S14/W2	100-110	bone	NA							132		
9669	1988	1x2m	S14/W2	100-110	flakedstone	debitage							20		
9670	1988	1x2m	S14/W2	100-110	flakedstone	NA							1		
9671	1988	1x2m	S14/W2	110-120	shell	NA							3		
9672	1988	1x2m	S14/W2	110-120	bone	NA							75		
9673	1988	1x2m	S14/W2	110-120	flakedstone	debitage							16		
9674	1988	1x2m	S14/W4	90-100	shell	NA							1		
9675	1988	1x2m	S14/W4	90-100	bone	NA							5		
9676	1988	1x2m	S14/W4	90-100	flakedstone	debitage							5		
9677	1988	1x2m	S10/E12	30-40	pottery	TizonBrown							3		
9678	1988	1x2m	S10/E12	30-40	bone	NA							249		
9679	1988	1x2m	S10/E12	30-40	shell	NA							105		
9680	1988	1x2m	S10/E12	30-40	bone	NA		2.7	0.5	0.4			1		
9681	1988	1x2m	S10/E12	30-40	flakedstone	debitage							80		
9682	1988	1x2m	S10/E12	40-50	pottery	TizonBrown							13		
9683	1988	1x2m	S10/E12	40-50	shell	marine shell							157		
9684	1988	1x2m	S10/E12	40-50	bone	NA							610		
9685	1988	1x2m	S10/E12	40-50	bone	NA		1.6	0.6	0.3			1		
9686	1988	1x2m	S11/E12	10-20	pottery	TizonBrown							36		
9687	1988	1x2m	S11/E12	10-20	pottery	ColoradoBuff		2.7	2.1	0.3			1		
9688	1988	1x2m	S11/E12	10-20	bone	NA							645		
9689	1988	1x2m	S11/E12	10-20	flakedstone	debitage							156		
9690	1988	1x2m	S11/E12	10-20	shell	marine shell							177		
9691	1988	1x2m	S11/E12	10-20	groundstone	metate		4.1	3.5	1.5			1		
9692	1988	1x2m	S11/E15	10-20	groundstone	metate		3.6	2.5	1.7			1		
9693	1988	1x2m	S13/E18	40-50	pottery	ColoradoBuff		4.7	2.9	0.3			1		
9694	1988	1x2m	S13/E18	40-50	pottery	TizonBrown							18		
9695	1988	1x2m	S13/E18	40-50	pottery	TizonBrown		5.1	4.2	0.5			1		
9696	1988	1x2m	S13/E18	40-50	bone	NA							238		
9697	1988	1x2m	S13/E18	40-50	bone	NA		0.6	0.3				1		
9698	1988	1x2m	S13/E18	40-50	shell	marine shell							69		
9699	1988	1x2m	S13/E18	40-50	flakedstone	debitage							61		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9700	1988	1x2m	S11/E12	20-30	groundstone	mano		11.0	9.5	3.0			1		
9701	1988	1x2m	S11/E12	20-30	groundstone	mano		11.4	10.3	3.1			1		
9702	1988	1x2m	S13/E18	40-50	pottery	TizonBrown		3.4	2.8	0.6			1		
9703	1988	1x2m	S13/E18	40-50	shell	marine shell		1.0	0.5				1		
9704	1988	1x2m	S13/E18	40-50	groundstone	mano		10.7	10.5	4.0			1		
9705	1988	1x2m	S13/E18	40-50	flakedstone	core		6.0	4.5	2.0			1		
9706	1988	1x2m	S13/E18	40-50	flakedstone	core		5.8	4.8	1.8			1		
9708	1988	1x2m	S13/E18	40-50	pottery	TizonBrown							24		
9709	1988	1x2m	S13/E18	40-50	shell	marine shell							83		
9710	1988	1x2m	S13/E18	40-50	bone	NA							116		
9711	1988	1x2m	S13/E18	40-50	flakedstone	debitage							60		
9712	1988	1x2m	S13/E18	40-50	glass	NA		1.6	0.7	0.3			1		
9713	1988	1x2m	S13/E18	50-60	bone	NA							278		
9714	1988	1x2m	S13/E18	50-60	pottery	TizonBrown							8		
9715	1988	1x2m	S13/E18	50-60	shell	marine shell							89		
9716	1988	1x2m	S13/E18	50-60	flakedstone	debitage							101		
9717	1988	1x2m	S13/E18	50-60	flakedstone	debitage		1.1	0.5	0.1			1		
9718	1988	1x2m	S13/E18	50-60	flakedstone	debitage		6.0	4.9	4.0			1		
9719	1988	1x2m	S10/E14	30-40	pottery	TizonBrown							25		
9720	1988	1x2m	S10/E14	30-40	pottery	TizonBrown		5.7	3.7	0.6			1		
9721	1988	1x2m	S10/E14	30-40	bone	NA							131		
9722	1988	1x2m	S10/E14	30-40	shell	marine shell							71		
9723	1988	1x2m	S10/E14	30-40	flakedstone	debitage							52		
9724	1988	1x2m	S10/E14	40-50	pottery	TizonBrown							9		
9725	1988	1x2m	S10/E14	40-50	shell	marine shell							38		
9726	1988	1x2m	S10/E14	40-50	bone	NA							97		
9727	1988	1x2m	S10/E14	40-50	flakedstone	debitage							38		
9728	1988	1x2m	S10/E14	40-50	flakedstone	debitage	schist	7.8	1.7	1.1			1		
9729	1988	1x2m	S10/E14	50-60	pottery	TizonBrown							8		
9730	1988	1x2m	S10/E14	50-60	bone	NA							87		
9731	1988	1x2m	S10/E14	50-60	shell	marine shell							22		
9732	1988	1x2m	S10/E14	50-60	flakedstone	debitage							16		
9734	1988	1x2m	S10/E14	50-60	groundstone	mano		10.0	6.0	2.8			1		
9735	1988	1x2m	S9/E10	30-40	pottery	TizonBrown							1		
9736	1988	1x2m	S11/E12	20-30	pottery	TizonBrown							1		
9737	1988	1x2m	S11/E12	20-30	pottery	ColoradoBuff		3.2	2.5	0.4			1		
9738	1988	1x2m	S11/E12	20-30	pottery	ColoradoBuff		1.8	1.8	0.3			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9739	1988	1x2m	S11/E12	20-30	pottery	TizonBrown							30		
9740	1988	1x2m	S11/E12	20-30	pottery	TizonBrown							1		
9741	1988	1x2m	S11/E12	20-30	bone	NA							470		
9742	1988	1x2m	S11/E12	20-30	flakedstone	core		4.4	3.3	2.7			1		
9743	1988	1x2m	S11/E12	20-30	shell	marine shell							226		
9744	1988	1x2m	S11/E12	20-30	flakedstone	debitage	obsidian	0.9	0.7	0.1			1		
9745	1988	1x2m	S11/E12	20-30	flakedstone	debitage							94		
9746	1988	1x2m	S11/E12	20-30	flakedstone	core		5.9	4.8	3.2			1		
9747	1988	1x2m	S8/E6	45-50	flakedstone	projectilept		2.1	1.1	0.2			1		
9748	1988	1x2m	S8/E6	50-55	shell	marine shell		0.4	0.4	0.1			1		
9749	1988	1x2m	S8/E6	70-75	shell	marine shell		1.3	1.8	1.6			1		
9750	1988	1x2m	S11/E12	30-40	pottery	TizonBrown							26		
9751	1988	1x2m	S11/E12	30-40	bone	NA							254		
9752	1988	1x2m	S11/E12	30-40	flakedstone	debitage							81		
9753	1988	1x2m	S11/E12	30-40	pottery	TizonBrown							1		
9754	1988	1x2m	S11/E12	30-40	shell	marine shell							217		
9755	1988	1x2m	S11/E12	30-40	groundstone	mano		8.5	6.0	3.8			1		
9756	1988	1x2m	S11/E12	30-40	flakedstone	pounder		6.5	3.1	2.7			1		
9757	1988	1x2m	S11/E12	40-50	pottery	TizonBrown							3		
9758	1988	1x2m	S11/E12	40-50	bone	NA							232		
9759	1988	1x2m	S11/E12	40-50	bone	NA		1.0	0.9				1		
9760	1988	1x2m	S11/E12	40-50	flakedstone	debitage							29		
9761	1988	1x2m	S11/E12	40-50	flakedstone	utilizedflake		5.0	3.5	0.7			1		
9762	1988	1x2m	S11/E12	40-50	flakedstone	core		6.5	4.3	2.4			1		
9763	1988	1x2m	S11/E12	40-50	flakedstone	core		5.6	3.7	2.4			1		
9764	1988	1x2m	S11/E12	40-50	shell	marine shell							108		
9765	1988	1x2m	S10/E12	30-40	flakedstone	scraper		2.6	2.4	0.8			1		
9766	1988	1x2m	S10/E12	50-60	pottery	TizonBrown							1		
9767	1988	1x2m	S10/E12	50-60	bone	NA		0.3	0.3				1		
9768	1988	1x2m	S10/E12	50-60	bone	NA		0.3	0.2				1		
9769	1988	1x2m	S10/E12	50-60	pottery	TizonBrown							9		
9770	1988	1x2m	S10/E12	50-60	flakedstone	core		6.5	4.3	3.4			1		
9771	1988	1x2m	S10/E12	50-60	flakedstone	debitage							67		
9772	1988	1x2m	S10/E12	50-60	bone	NA							660		
9773	1988	1x2m	S10/E12	50-60	shell	marine shell							185		
9774	1988	1x2m	S10/E12	50-60	flakedstone	biface		4.7	2.2	0.8			1		blank
9775	1988	1x2m	S10/E12	50-60	groundstone	hammr/grindr		4.8	3.2	1.8			1		cibbke frag

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9776	1988	1x2m	S10/E12	50-60	flakedstone	core		7.0	5.0	4.1			1		
9777	1988	1x2m	S10/E12	50-60	shell	marine shell		2.9	3.1	0.1			1		
9778	1988	1x2m	S10/E12	40-50	flakedstone	debitage							62		
9779	1988	1x2m	S10/E12	40-50	flakedstone	core		7.3	5.7	4.5			1		
9780	1988	1x2m	S10/E12	40-50	flakedstone	core		5.9	4.5	3.2			1		
9781	1988	1x2m	S30/W16	0-80	other	other							999		soil sample
9782	1988	1x2m	S11/E12	30-40	glass	bead		0.3	0.3				1		
9783	1988	1x2m	S10/E12	40-50	bone	NA		0.6	0.4				1		
9784	1988	1x2m	S10/E14	50-60	flakedstone	biface		10.8	10.0	6.0			1		
9785	1988	1x2m	n/a	n/a	pottery	TizonBrown		5.4	5.2	0.3			1		
9786	1988	1x2m	n/a	n/a	pottery	TizonBrown		6.6	5.4	0.5			1		
9787	1988	1x2m	S10/E12	50-60	bone	NA		1.0	1.0	0.2			1		
9788	1988	1x2m	S14/W0	120-130	bone	NA		1.5	0.5	0.3			1		
9789	1988	1x2m	S10/E12	30-40	bone	NA		2.4	0.6	0.5			1		
9790	1988	1x2m	S13/E6	95-110	bone	NA		1.3	0.5	0.2			1		
9791	1988	1x2m	S13/E10	50-60	bone	NA		1.6	0.7	0.7			1		tooth
9792	1988	1x2m	S18/W6	80-90	groundstone	metate		42.0	37.0	14.5			1		
9793	1988	1x2m	S11/E12	20-30	groundstone	metate		23.0	15.5	10.0			1		
9794	1988	1x2m	S13/E18	40-50	groundstone	mano		10.5	10.0	5.3			1		
9795	1988	1x2m	S10/E12	50-60	groundstone	mano		10.0	9.0	6.7			1		
9796	1988	1x2m	S10/E12	30-40	groundstone	mano		8.3	5.4	3.4			1		
9797	1988	1x2m	S14/W2	80-90	flakedstone	core		6.6	4.0	2.3			1		
9798	1988	1x2m	S30/W16	70-80	flakedstone	chopper		6.5	3.8	2.6			1		
9799	1982	1x2m	S14/W0	40-50	flakedstone	projectilept		1.7	1.0	0.4			1		
9800	1989	1x2m	S10/E12	40-50	flakedstone	core	other	5.1	1.7	1.4			1	flake	flake
9801	1989	1x2m	S10/E14	30-40	flakedstone	core	MVaphanitic	8.5	4.9	1.1			1		flake
9802	1989	1x2m	S10/E12	west wal	pottery	TizonBrown							3		sherds
9803	1989	1x2m	S10/E12	west wal	flakedstone	debitage							8		2 balt, 1 felsite, 4 quartz,
9804	1989	1x2m	S10/E12	west wal	bone	NA							48		
9805	1989	1x2m	S10/E12	west wal	shell	marine shell							40		13 donex, 4 chione, 9 pec
9806	1989	1x2m	S10/E12	50-60	pottery	TizonBrown							1		sherd
9807	1989	1x2m	S10/E12	50-60	flakedstone	debitage							12		5 quartz, 2 chert, 5 basalt
9808	1989	1x2m	S10/E12	50-60	flakedstone	debitage							1		
9809	1989	1x2m	S10/E12	50-60	bone	NA							50		
9810	1989	1x2m	S12/E12	10-20	shell	marine shell							1		albalone blank
9811	1989	1x2m	S10/E14	60-70	flakedstone	debitage	obsidian	0.9	0.4	0.2			1		
9812	1989	1x2m	S10/E12	50-60	pottery	TizonBrown							1		rim sherd

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9813	1989	1x2m	S16/E14	30-40	glass	bead							1		trade bead
9814	1989	1x2m	S10/E12	50-60	bone	NA							1		deer antler
9815	1989	1x2m	S16/E14	20-30	shell	marine shell							1		olivella
9816	1989	1x2m	S12/E14	10-20	shell	marine shell							1		clam
9817	1989	1x2m	S16/E14	10-20	flakedstone	debitage	obsidian						5		
9818	1989	1x2m	S10/E12	west wal	glass	bead							1		modern historic bead trad
9819	1989	1x2m	S11/E14	10-20	flakedstone	biface		4.7	2.6	1.5			1		biface blank
9820	1989	1x2m	S10/E14	70-80	flakedstone	debitage							2		
9821	1989	1x2m	S10/E14	70-80	shell	marine shell							1		olivella
9822	1989	1x2m	S10/E14	70-80	flakedstone	debitage	obsidian	0.9	0.4	0.1			1		waste flake
9823	1989	1x2m	S12/E12	0-10	shell	marine shell							1		olivella
9824	1989	1x2m	S10/E12	50-60	pottery	TizonBrown							1		altered sherd
9825	1989	1x2m	S12/E12	10-20	flakedstone	debitage	obsidian	0.7	1.0	0.2			1		
9826	1989	1x2m	S12/E14	10-20	shell	marine shell							3		albalone flag., 1 scalloped
9827	1989	1x2m	S10/E14	70-80	bone	NA							1		altler tip
9828	1989	1x2m	S17/E14	surface	flakedstone	scraper	other	7.5	5.7	3.7			1		rhyolitfle
9829	1989	1x2m	S11/E14	10-20	pottery	TizonBrown							20		
9830	1989	1x2m	S11/E14	20-30	flakedstone	debitage	quartz	1.0	0.9	0.3			1		projectile point frag
9831	1989	1x2m	S12/E14	10-20	flakedstone	debitage	obsidian						1		
9832	1989	1x2m	S11/E14	10-20	bone	NA							97		
9833	1989	1x2m	S10/E12	50-60	flakedstone	debitage	obsidian						2		
9834	1989	1x2m	S10/E12	50-60	groundstone	mano	granitic	11.0	8.8	3.8			1		mano frag. Bifacial ovoid
9835	1989	1x2m	S16/E14	40-50	charcoal	NA							999		
9836	1989	1x2m	S16/E14	40-50	charcoal	NA							999		
9837	1989	1x2m	S16/E14	40-50	charcoal	NA							999		
9838	1989	1x2m	S16/E14	0-10	charcoal	NA							999		
9839	1989	1x2m	S16/E14	40-50	charcoal	NA							999		ash sample
9840	1989	1x2m	S16/E14	40-50	charcoal	NA							999		ash sample
9841	1989	1x2m	S12/E14	30-40	flakedstone	debitage	other	0.4		0.1			1		disk bead
9842	1989	1x2m	S16/E14	40-50	bone	NA							1		fish bone
9843	1989	1x2m	S16/E14	40-50	glass	bead							1		trade bead
9844	1989	1x2m	S12/E12	10-20	flakedstone	debitage	other	4.2	2.2	0.5			1		shaped steatite frag
9845	1989	1x2m	S12/E12	20-30	flakedstone	debitage	quartz	1.7	1.1	0.5			1		projectile pt. Frag.
9859	1989	1x2m	S10/E12	50-60	pottery	TizonBrown							12		
9860	1989	1x2m	S10/E12	50-60	groundstone	hammr/grindr	quartz	7.5	7.0				1		
9861	1989	1x2m	S10/E12	50-60	shell	marine shell							30		7 pecten, 11 donex, 12 ch
9862	1989	1x2m	S10/E14	60-70	groundstone	pestle	granitic	23.7	10.7	8.0			1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9863	1989	1x2m	S10/E14	60-70	pottery	TizonBrown		2.7	1.8	0.6			1		
9864	1989	1x2m	S10/E14	60-70	pottery	TizonBrown							4		
9865	1989	1x2m	S10/E14	60-70	bone	NA							286		
9866	1989	1x2m	S10/E14	60-70	bone	NA		0.4	0.3	0.3			1		fish vertebra
9867	1989	1x2m	S10/E14	60-70	shell	marine shell							131		2 cal horn shell, 20 donax
9868	1989	1x2m	S10/E14	60-70	flakedstone	debitage	other	2.0	1.6	0.2			1		felsite
9869	1989	1x2m	S10/E14	60-70	flakedstone	debitage	other	1.7	1.5	0.4			1		felsite
9870	1989	1x2m	S10/E14	60-70	flakedstone	debitage	other						59		1 felsite, 2 quartzite, 1 ch
9871	1989	1x2m	S10/E14	60-70	groundstone	mano	granitic	6.0	4.5	2.8			1		mano frag. Bifacial
9872	1989	1x2m	S10/E14	60-70	groundstone	mano	granitic	8.0	6.5	3.8			1		mano frag. Bifacial
9873	1989	1x2m	S10/E14	60-70	groundstone	mano	granitic	6.1	5.5	4.2			1		mano frag. Bifacial
9874	1989	1x2m	S10/E14	60-70	flakedstone	core	other	4.0	3.4	2.9			1		cobble core frag.
9875	1989	1x2m	S11/E14	0-10	pottery	TizonBrown							5		
9876	1989	1x2m	S11/E14	0-10	pottery	TizonBrown							1		
9877	1989	1x2m	S11/E14	0-10	bone	NA							58		
9878	1989	1x2m	S11/E14	0-10	shell	NA							62		8 donex, 7 pecten, 18 chi
9879	1989	1x2m	S11/E14	0-10	flakedstone	debitage							22		6 basalt, 1 quartzite, 15 q
9880	1989	1x2m	S16/E14	20-30	shell	marine shell		1.2	0.7				1		olivella
9881	1989	1x2m	S16/E14	20-30	shell	marine shell		1.1	0.7				1		olivella
9882	1989	1x2m	S11/E14	10-20	shell	marine shell							72		5 donax, 1 abalone, 4 snai
9883	1989	1x2m	S11/E14	10-20	flakedstone	core	chalcedony	3.9	2.8	1.3			1		core frag
9884	1989	1x2m	S11/E14	10-20	flakedstone	debitage							31		1 felsite, 4 chalcedony, 1
9885	1989	1x2m	S11/E14	20-30	pottery	TizonBrown							1		rim sherd
9886	1989	1x2m	S11/E14	20-30	pottery	TizonBrown		2.0	1.9	0.8			1		
9887	1989	1x2m	S11/E14	20-30	pottery	TizonBrown							13		
9888	1989	1x2m	S11/E14	20-30	flakedstone	debitage	other	2.5	2.4	0.3			1		basalt
9889	1989	1x2m	S11/E14	20-30	flakedstone	debitage	other	2.5	2.4	0.3			1		basalt
9890	1989	1x2m	S11/E14	20-30	bone	NA							208		
9891	1989	1x2m	S11/E14	20-30	flakedstone	debitage	other	1.0	0.8	0.3			1		basalt
9892	1989	1x2m	S11/E14	20-30	flakedstone	debitage							45		13 basalt, 2 felsite, 1 quar
9893	1989	1x2m	S11/E14	20-30	shell	marine shell							66		16 donex, 3 olivella, 1 ca.
9894	1989	1x2m	S11/E14	20-30	flakedstone	debitage	other	7.0	3.9	2.9			1		
9895	1989	1x2m	S11/E14	20-30	flakedstone	debitage	other	5.3	3.2	1.0			1		retouched flake basalt
9896	1989	1x2m	S11/E14	20-30	flakedstone	debitage	quartzite	7.5	7.2	3.8			1		core frag.
9897	1989	1x2m	S16/E14	30-40	glass	bead		0.2	0.3				1		trade bead
9898	1989	1x2m	S12/E14	0-10	glass	bead		0.3	0.4				1		tread bead
9899	1989	1x2m	S11/E12	50-60	glass	bead		0.2	0.3				1		tread bead

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9900	1989	1x2m	S12/E12	10-20	shell	marine shell		0.1	0.5				1		disk bead olivella
9901	1989	1x2m	S14/E12	10-20	groundstone	bead	soapstone	0.1	0.4				1		steatite bead grey
9902	1989	1x2m	S16/E14	10-20	shell	marine shell		0.1	0.5				1		olivella
9903	1989	1x2m	S16/E14	10-20	shell	marine shell		0.1	0.8				1		disk bead frag.
9904	1989	1x2m	S11/E14	20-30	bone	NA		0.4	0.3	0.2			1		fish vertebra
9905	1989	1x2m	S11/E14	30-40	bone	NA		0.3	0.3				1		fish vertebra
9906	1989	1x2m	S10/E12	50-60	bone	NA		0.3	0.2				1		fish vertebra
9907	1989	1x2m	S10/E12	50-60	bone	NA		0.3	0.2				1		fish vertebra
9908	1989	1x2m	S10/E12	50-60	bone	NA		0.4	0.2				1		fish vertebra
9909	1989	1x2m	S26/W12	40-50	shell	marine shell		0.7	0.5	0.1			1		olivella shole bead- chipp
9910	1989	1x2m	S10/E12	50-60	flakedstone	scraper	other	4.8	4.0	0.1			1		scrapper-basalt
9911	1990	1x2m	S10/E12	50-60	flakedstone	core	other						1		
9912	1990	1x2m	S10/W12	50-60	groundstone	mano	granitic	7.5	5.0	1.5			1	com	smooth on 2 sides
9913	1990	1x2m	S10/E12	50-60	groundstone	mano	granitic	7.6	5.5	2.3			1	frag	frag. Mano
9914	1990	1x2m	S10/E12	50-60	bone	NA		1.8	0.5	0.3			1		possible worked bone-pol
9915	1990	1x2m	S10/E12	50-60	bone	NA							729		small bones
9916	1990	1x2m	S10/E12	50-60	shell	marine shell							284		41 chione, 48 pecten, 44
9917	1990	1x2m	S10/E12	50-60	flakedstone	debitage							126		32 quartz; 94 basalt
9918	1990	1x2m	S10/E12	50-60	charcoal	NA							999		
9919	1990	1x2m	S11/E12	50-60	bone	NA							1		fish vertebrae
9920	1990	1x2m	S11/E12	50-60	pottery	TizonBrown							9		tizon brown ware
9921	1990	1x2m	S11/E12	50-60	flakedstone	core	other	3.2	2.4	2.1			1	frag	core frag basalt
9922	1990	1x2m	S11/E12	50-60	bone	NA							881		bones fragment
9923	1990	1x2m	S11/E12	50-60	bone	NA							1		fish vertebrae
9924	1990	1x2m	S11/E12	50-60	bone	NA							1		fish vertebrae
9925	1990	1x2m	S11/E12	50-60	bone	NA							1		fish vertebrae
9926	1990	1x2m	S11/E12	50-60	bone	NA							1		fish vertebrae
9927	1990	1x2m	S11/E12	50-60	bone	NA							1		fish vertebra
9928	1990	1x2m	S11/E12	50-60	bone	NA							1		fish vertebra
9929	1990	1x2m	S12/E12	40-50	bone	NA							625		
9930	1990	1x2m	S12/E12	40-50	flakedstone	debitage	other	3.0	2.1	0.3			1	frag	felsite flake
9931	1990	1x2m	S11/E12	50-60	flakedstone	debitage							96		5 quartz crystle, 35 quartz
9932	1990	1x2m	S12/E12	40-50	flakedstone	debitage							87		53 basalt, 3 chaledony, 3
9933	1990	1x2m	S11/E12	50-60	shell	marine shell							325		92 chione, 51 pecten, 51
9934	1990	1x2m	S12/E12	40-50	pottery	TizonBrown							27		pottery sherds
9935	1990	1x2m	S11/E12	60-70	pottery	TizonBrown							4		pottery
9936	1990	1x2m	S11/E12	60-70	flakedstone	debitage							23		1 quartz crystal, 12 quartz

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9937	1990	1x2m	S11/E12	60-70	flakedstone	debitage		2.8	1.6	0.5			1		basalt
9938	1990	1x2m	S11/E12	60-70	bone	NA							346		bone fragment
9939	1990	1x2m	S11/E12	60-70	flakedstone	core	other	7.2	5.4	6.1			1		cobble core fragment
9940	1990	1x2m	S11/E12	60-70	flakedstone	core	other	7.1	5.5	2.8			1		cobble core fragment
9941	1990	1x2m	S11/E12	60-70	flakedstone	NA		7.0	2.4	1.0			1		schist fragment
9942	1990	1x2m	S12/E12	40-50	shell	marine shell							228		61 donax, 14 snail, 3 unk
9943	1990	1x2m	S11/E12	60-70	flakedstone	core	other	6.7	6.2	2.1			1		cobble core fragment
9944	1990	1x2m	S11/E12	60-70	flakedstone	core	other	6.5	4.6	1.8			1		cobble core fragment
9945	1990	1x2m	S11/E12	60-70	shell	marine shell							103		
9946	1990	1x2m	S11/E14	30-40	groundstone	mano	granitic	11.0	9.5	4.3			1		
9947	1990	1x2m	S11/E12	60-70	groundstone	mano	granitic	8.4	5.5	4.9			1		
9948	1990	1x2m	S12/E14	0-10	pottery	TizonBrown							3		
9949	1990	1x2m	S11/E14	30-40	groundstone	metate	granitic	8.5	6.0	7.2			1	frag	
9950	1990	1x2m	S12/E14	0-10	bone	NA							9		one burned bone
9951	1990	1x2m	S11/E12	70-80	flakedstone	debitage							6		
9952	1990	1x2m	S11/E12	70-80	bone	NA							95		
9953	1990	1x2m	S12/E14	0-10	flakedstone	debitage							12		
9954	1990	1x2m	S11/E12	70-80	shell	marine shell							39		
9955	1990	1x2m	S12/E14	0-10	shell	marine shell							16		
9956	1990	1x2m	S11/E12	70-80	flakedstone	scraper	granitic	8.7	9.1	1.0			1		
9957	1990	1x2m	S10/E14	70-80	shell	marine shell							148		
9958	1990	1x2m	S10/E14	70-80	bone	NA							225		
9959	1990	1x2m	S10/E14	70-80	pottery	TizonBrown							4		
9960	1990	1x2m	S10/E14	70-80	flakedstone	debitage							52		
9961	1990	1x2m	S10/E14	70-80	flakedstone	core	other	6.5	3.0	1.0			1		
9962	1990	1x2m	S10/E14	70-80	flakedstone	core	other	8.7	3.2	2.4			1		
9963	1990	1x2m	S10/E14	70-80	groundstone	mano	granitic	7.5	5.5	2.8			1		
9964	1990	1x2m	S10/E14	70-80	flakedstone	core	other	8.2	6.8	2.0			1		
9965	1990	1x2m	S11/E14	40-50	pottery	TizonBrown							4		
9966	1990	1x2m	S11/E14	40-50	bone	NA							279		
9967	1990	1x2m	S11/E14	40-50	charcoal	NA							999		
9968	1990	1x2m	S11/E14	40-50	shell	marine shell							88		
9969	1990	1x2m	S11/E14	40-50	groundstone	mano	granitic	10.4	9.4	1.8			1		
9970	1990	1x2m	S11/E14	40-50	flakedstone	core	other	10.4	7.0	3.0			1		
9971	1990	1x2m	S11/E14	40-50	flakedstone	debitage	other	4.1	2.2	1.5			1		
9972	1990	1x2m	S11/E14	40-50	flakedstone	debitage							41		
9973	1990	1x2m	S11/E14	30-40	shell	marine shell							60		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
9974	1990	1x2m	S11/E14	30-40	pottery	TizonBrown							9		
9975	1990	1x2m	S11/E14	30-40	pottery	ColoradoBuff							1		
9976	1990	1x2m	S11/E14	30-40	bone	NA							228		
9977	1990	1x2m	S11/E14	30-40	groundstone	hammr/grindr	unidentified	10.0	11.0	3.4			1		
9978	1990	1x2m	S11/E14	30-40	flakedstone	debitage							37		
9979	1990	1x2m	S12/E12	20-30	pottery	TizonBrown							35		
9980	1990	1x2m	S12/E12	20-30	groundstone	mano	granitic	8.7	5.5	3.0			1		
9981	1990	1x2m	S12/E12	20-30	shell	marine shell							270		
9982	1990	1x2m	S12/E12	20-30	bone	NA							565		
9983	1990	1x2m	S12/E12	20-30	flakedstone	debitage							71		
9984	1990	1x2m	S12/E12	30-40	flakedstone	debitage							99		
9985	1990	1x2m	S12/E12	30-40	pottery	ColoradoBuff							1		
9986	1990	1x2m	S12/E12	30-40	pottery	TizonBrown							14		
9987	1990	1x2m	S12/E12	30-40	bone	NA							725		
9988	1990	1x2m	S12/E12	30-40	shell	marine shell							213		
9989	1990	1x2m	S12/E12	30-40	flakedstone	core	other	8.5	4.7	3.3			1		
9990	1990	1x2m	S12/E12	30-40	flakedstone	core	other	6.9	5.7	1.6			1		
9991	1990	1x2m	S12/E12	30-40	flakedstone	core	other	3.8	3.4	2.3			1		
9992	1990	1x2m	S12/E12	30-40	flakedstone	core	quartz	5.5	5.0	2.1			1		
9993	1990	1x2m	S12/E12	40-50	pottery	TizonBrown		3.9	3.0	0.3			1		
9994	1990	1x2m	S12/E12	40-50	glass	bead		0.3	0.3				1		
9995	1990	1x2m	S12/E12	50-60	shell	marine shell							1		
9996	1990	1x2m	S12/E12	50-60	bone	NA							1		
9997	1990	1x2m	S12/E12	40-50	flakedstone	projectilept	quartz	1.9	1.4	0.2			1		
9998	1990	1x2m	S12/E14	50-60	flakedstone	projectilept	other	3.0	1.8	0.3			1		
9999	1990	1x2m	S16/E14	60-70	flakedstone	projectilept	other	1.6	1.4	0.2			1		
10003	1989	1x2m	S16/E14	60-70	shell	bead		1.5	0.8				1	com	Olivella, chipped
10004	1989	1x2m	S12/E14	60-70	shell	bead		1.6	0.9				1	com	Olivella, chipped
10005	1989	1x2m	S16/E14	60-70	shell	NA						11.3	6		
10007	1989	1x2m	S12/E12	40-50	bone	NA		0.3	0.2				1		fish vertebra
10008	1989	1x2m	S12/E12	40-50	bone	NA		0.4	0.2				1		fish vertebra
10009	1989	1x2m	S12/E12	40-50	bone	NA		0.3	0.3				1		fish vertebra
10010	1989	1x2m	S12/E12	40-50	flakedstone	debitage	obsidian						4		
10011	1989	1x2m	S12/E12	50-60	flakedstone	debitage	obsidian						2		
10012	1989	1x2m	S12/E14	60-70	flakedstone	debitage	obsidian						2		microflakes
10013	1989	1x2m	S16/E14	60-70	flakedstone	debitage	obsidian	1.1	0.8	0.2			1		microflake
10014	1989	1x2m	S12/E12	50-60	bone	awl		1.0	0.3	0.2			1	frag	tip

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10015	1989	1x2m	S12/E14	60-70	bone	NA		1.8	0.7	0.4			1		worked bone
10016	1989	1x2m	S12/E12	50-60	bone	NA		2.9	1.2	0.4			1		polished
10017	1989	1x2m	S12/E12	20-30	pottery	TizonBrown		1.5	1.3	0.3			1	frag	rim
10018	1989	1x2m	S12/E12	30-40	pottery	TizonBrown		7.4	6.0	0.8			1	frag	rim
10019	1989	1x2m	S12/E12	30-40	pottery	TizonBrown		5.4	5.3	0.8			1	frag	rim
10020	1989	1x2m	S12/E12	30-40	pottery	TizonBrown		2.7	2.5	0.7			1	frag	rim
10021	1989	1x2m	S16/E14	10-20	flakedstone	biface	quartz	2.3	1.7	0.5			1		point blank
10022	1989	1x2m	S16/E14	30-40	flakedstone	debitage	obsidian						7		flake
10023	1989	1x2m	S11/E14	surface	flakedstone	debitage	obsidian	2.0	1.2	0.2			1		flake
10024	1989	1x2m	S12/E14	10-20	shell	bead		1.5	0.9				1	com	Olivella, chipped
10025	1989	1x2m	S11/E14	10-20	flakedstone	debitage	obsidian	0.6	0.4	0.5			1		flake
10026	1989	1x2m	S16/E14	40-50	flakedstone	debitage	obsidian						2		flakes
10027	1989	1x2m	S12/E12	0-10	bone	awl		1.9	0.4	0.4			1	frag	
10028	1989	1x2m	S16/E14	10-20	shell	bead		1.8	0.5	0.1			1	frag	Olivella
10029	1989	1x2m	S11/E14	0-10	shell	bead		1.5	0.7				1	com	Olivella,
10030	1989	1x2m	S16/E14	30-40	shell	bead		1.0	0.5				1	frag	Olivella
10031	1989	1x2m	S11/E14	10-20	shell	bead		1.0	0.5				1	com	Olivella, chipped
10032	1989	1x2m	S16/E14	30-40	shell	bead		1.0	0.5				1	frag	Olivella
10033	1989	1x2m	S16/E14	30-40	shell	bead		1.3	0.6				1	frag	Olivella
10034	1989	1x2m	S16/E14	30-40	shell	bead		1.1	0.5				1	frag	Olivella
10035	1989	1x2m	S12/E12	10-20	shell	bead		1.6	0.5				1	frag	Olivella
10036	1989	1x2m	S16/E14	70+	flakedstone	debitage	obsidian	0.9	0.5				1		flake
10037	1989	1x2m	S12/E12	0-10	bone	NA		1.8	1.0	0.8			1		deer tooth
10038		1x2m	S11/E12	50-60	bone	awl		2.9	1.2	0.5			1	frag	polished bone,
10039	1989	1x2m	S10/E12	50-60	flakedstone	debitage	obsidian	0.7	0.3				1		flake
10040	1989	1x2m	S10/E12	60-70	flakedstone	debitage	obsidian	0.6	0.4				1	1989	flake
10041	1989	1x2m	S12/E12	20-30	flakedstone	debitage	obsidian	0.5	0.6				1		flake
10042	1989	1x2m	S12/E12	30-40	groundstone	NA	basalt	7.5	5.8	5.0			1	frag	abraded cobble
10043	1989	1x2m	S12/E14	30-40	flakedstone	debitage	obsidian						2		flakes
10044	1990	1x2m	S11/E14	50-60	flakedstone	debitage	obsidian						2		flakes
10045	1989	1x2m	S10/E12	60-70	pottery	TizonBrown		5.0	3.1				1	frag	rim
10046	1989	1x2m	S12/E12	50-60	flakedstone	projectilept	quartz	2.4	1.0	0.3			1	frag	
10047	1989	1x2m	S12/E14	10-20	flakedstone	biface	basalt	5.0	3.0	1.7			1		
10048	1989	1x2m	S10/E12	60-70	pottery	TizonBrown		2.2	2.0	0.4			1	frag	sherd with drilled hole,
10049	1989	1x2m	S16/E14	70-80	flakedstone	debitage	obsidian	1.5	0.4				1		flake
10050	1989	1x2m	S12/E12	60-70	flakedstone	debitage	obsidian	0.7	0.5				1		flake
10051	1989	1x2m	S12/E12	50-60	pottery	TizonBrown		2.6	2.0	0.4			1	frag	altered sherd

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10052	1989	1x2m	S12/E12	60-70	flakedstone	debitage	obsidian						2		flakes
10053	1989	1x2m	S12/E12	60-70	bone	NA		0.6	0.6	0.4			9999		fish vertebra
10054	1989	1x2m	S16/E14	70-80	bone	NA		2.3	0.5	0.3			1		polished bone with biconi
10055	1989	1x2m	S12/E12	60-70	flakedstone	projectilept	basalt	1.8	1.8	0.2			1	frag	
10056	1989	1x2m	S12/E12	50-60	flakedstone	projectilept	MVporphyritic	5.0	3.2	0.3			1		andesite, blank
10057	1989	1x2m	S12/E12	70-80	bone	NA		0.4	0.3	0.2			1		fish vertebra
10058	1989	1x2m	S12/E12	50-60	bone	NA		1.5	1.0	0.8			1	frag	deer tooth
10059	1989	1x2m	S12/E12	50-60	bone	NA		0.3	0.3				1		fish vertebra
10060	1989	1x2m	S12/E12	70-80	flakedstone	projectilept	jasper	1.5	1.3	0.2			1	frag	base
10061	1989	1x2m	S12/E12	50-60	shell	ornament							3	frag	abalone
10062	1989	1x2m	S11/E14	50-60	flakedstone	projectilept	quartz	2.1	1.9	0.8			1	frag	blank
10063	1989	1x2m	S13/E8	surface	flakedstone	projectilept	quartz	2.0	2.0	0.5			1	frag	base
10064	1989	1x2m	S16/E14	40-50	shell	bead		1.2	0.6				1	frag	Olivella
10065	1989	1x2m	S12/E14	30-40	bone	NA		0.6	0.5	0.3			1		tooth
10066	1989	1x2m	S12/E14	30-40	bone	NA		1.9	1.2	0.4			1	frag	deer tooth
10067	1989	1x2m	S16/E14	50-60	flakedstone	debitage	obsidian						2		flakes
10068	1989	1x2m	S16/E14	40-50	flakedstone	debitage	obsidian						9		flakes
10069	1989	1x2m	S16/E14	40-50	glass	bead		1.0	0.6	0.4			1	whole/b	melted
10070	1989	1x2m	S16/E14	30-40	flakedstone	projectilept	quartz	2.0	1.3	0.2			1		
10071	1989	1x2m	S16/E14	40-50	bone	NA		0.8	0.5				1		otolith
10072	1989	1x2m	S16/E14	50-60	shell	bead		0.5	0.5				1	com	Olivella disc
10073	1989	1x2m	S10/E14	70-80	bone	NA		1.4	0.5				1	frag	polished bone
10074	1989	1x2m	S16/E14	40-50	flakedstone	projectilept	basalt	1.3	0.9	0.1			1	frag	point midsection
10075	1989	1x2m	S16/E14	40-50	shell	marine shell		1.1	0.9	0.1			1		Donax with hole
10076	1989	1x2m	S16/E14	40-50	flakedstone	projectilept	quartz	1.8	0.6	0.1			1	frag	point
10077	1989	1x2m	S16/E14	50-60	shell	bead		1.4	0.7	0.1			1		Olivella
10078	1989	1x2m	S16/E14	30-40	flakedstone	projectilept	quartz	2.2	1.6	0.4			1		
10079	1989	1x2m	S16/E14	10-20	pottery	TizonBrown		3.5	2.2	0.5			1	frag	rim,
10080	1989	1x2m	S16/E14	70+	bone	awl		0.9	0.4	0.2			1	frag	polished
10081	1989	1x2m	S11/E4	50-60	bone	NA		0.4	1.2	0.4			1		fish vertebra
10082	1989	1x2m	S11/E14	50-60	bone	NA		0.3	0.3				1		fish vertebra
10083	1989	1x2m	S10/E14	70-80	bone	NA		0.4	0.3				1		fish vertebra
10084	1989	1x2m	S10/E14	70-80	flakedstone	debitage	obsidian						2		flakes
10085	1989	1x2m	S11/E12	50-60	flakedstone	debitage	obsidian	0.8	0.7				1		flake
10086	1989	1x2m	S10/E14	60-70	pottery	TizonBrown		3.3	2.0	0.5			1	frag	rim
10087	1989	1x2m	S10/E12		flakedstone	projectilept	MVporphyritic	3.0	1.4	0.3			1		andesite
10088	1989	1x2m	S12/E12	10-20	metal	unidentified		9.0	9.0	0.5			1		metal vessel

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10089	1989	1x2m	S10/E12	60-70	flakedstone	debitage	obsidian						3		
10090	1989	1x2m	S10/E12	60-70	bone	NA		0.3	0.3				1		fish vertebra
10091	1989	1x2m	S11/E14	40-50	flakedstone	projectilept	quartz	1.7	1.2	0.4			1		
10092	1989	1x2m	S10/E12	60-70	bone	NA		0.3	0.2				1		fish vertebra
10093	1989	1x2m	S11/E14	40-50	bone	NA		0.4	0.3				1		fish vertebra
10094	1989	1x2m	S11/E14	40-50	bone	NA		0.3	0.3				1		fish vertebra
10095	1989	1x2m	S11/E12	50-60	shell	marine shell		3.5	2.8	0.2			1	com	Chione with hole
10096	1989	1x2m	S11/E14	60-70	flakedstone	projectilept	basalt	1.0	0.6	0.2			1	frag	
10097	1989	1x2m	S11/E14	50-60	flakedstone	debitage	obsidian	0.5	0.4				1		flake
10098	1989	1x2m	S12/E12	20-30	flakedstone	debitage	obsidian	1.4	0.8				1		flake
10099	1989	1x2m	S12/E12	30-40	flakedstone	debitage	obsidian						2		flakes
10100	1989	1x2m	S11/E12	60-70	bone	NA		4.5	1.0	0.5			1		polished bone- drk brn
10101	1989	1x2m	S12/E12	20-30	bone	NA		0.3	0.1	0.2			1		fish vertabre
10102	1989	1x2m	S12/E12	30-40	flakedstone	projectilept	quartz	2.0	1.3	0.3			1	frag	bifacial serated edges
10103	1989	1x2m	S12/E12	20-30	shell	bead		0.4	0.4	0.1			1		shell disc bead
10104	1989	1x2m	S11/E12	60-70	flakedstone	projectilept	quartz	1.1	1.0	0.4			1	frag	tip
10105	1989	1x2m	S12/E12	30-40	bone	NA		0.8	0.4				1		fish-otolith
10106	1989	1x2m	S12/E12		flakedstone	NA	quartz	3.0	1.7	0.9			1		worked quartz crystal -No
10107	1989	1x2m	S12/E12	30-40	bone	NA		1.2	0.6	0.3			1		polished bone
10108	1989	1x2m	S12/E12	40-50	flakedstone	projectilept	basalt	2.6	1.7	0.5			1		
10109	1989	1x2m	S12/E12	30-40	bone	NA		0.2	0.2	0.3			2		measurements same for b
10110	1989	1x2m	S12/E12	20-30	glass	bead		0.3	0.3				1		trade bead
10111	1989	1x2m	S12/E12	20-30	glass	bead		0.4	0.3				1		trade bead
10112	1989	1x2m	S12/E14	20-30	flakedstone	utilizedflake	obsidian	0.7	0.6				1		
10113	1989	1x2m	S12/E14	30-40	flakedstone	utilizedflake	obsidian	1.8	1.4	0.3			1		
10114	1989	1x2m	S12/E14	40-50	flakedstone	utilizedflake	obsidian						4		
10115	1989	1x2m	S12/E14	50-60	bone	NA		1.8	0.6	0.1			1		polished bone
10116	1989	1x2m	S12/E14	30-40	shell	bead		1.4	0.8	0.1			1		Olivella bead
10117	1989	1x2m	S12/E14	40-50	shell	bead		0.7	0.6				1	frag	Olivella
10118	1989	1x2m	S12/E14	20-30	pottery	TizonBrown		2.0	1.5	0.9			1	frag	rim sherd
10119	1989	1x2m	S12/E14	20-30	shell	bead		0.4	0.4	0.1			1		olivella
10120	1989	1x2m	S12/E14	40-50	shell	ornament		0.8	0.5	0.1			1	frag	abalone- pendent frag
10121	1989	1x2m	S12/E14	50-60	bone	NA		0.4	0.3				1		fish
10122	1989	1x2m	S12/E12	40-50	bone	NA		0.7	0.4	0.2			1		otolith
10123	1989	1x2m	S11/E12	60-70	other	NA		6.0	6.0	4.0			1		water worn cobble/possibl
10124	1989	1x2m	S11/E14	60-70	shell	NA		1.2	0.7				1		Olivella
10125	1989	1x2m	S11/E12	60-70	other	NA		4.0	3.5	2.3			1		water worn cobble/organi

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10126	1989	1x2m	S16/E14	10-20	flakedstone	utilizedflake	obsidian						5		
10127	1983	1x2m	S18/W0	130-196.	bone	NA							28		bones nonartifactual
10128	1982	1x2m	S17 E10	90-100	bone	NA							233		bones nonartifactual
10129	1982	1x2m	S13/E12	10-20	bone	NA							419		bones nonartifactual
10130	198?	1x2m	S18/W8	surface	bone	NA							4		nonartifactual bone
10131	198?	1x2m	S14/E12	surface	bone	NA							2		nonartifactual
10132	1982	1x2m	S18/W0	70-80	bone	NA							593		nonartifactual
10133	1989	1x2m	S14/E12	surface	flakedstone	debitage	varied						18	frag	10 quartz- 5 basalt- 2 unk
10134	1983	1x2m	S13/E12	30-40	bone	NA							59		nonartifactual
10135	1981	1x2m	S14/W4	0-10	bone	NA							999		nonartifactual bone
10136	198?	1x2m	S13/E12	20-30	pottery	TizonBrown							44		
10137	198?	1x2m	S13/E12	0-10	bone	NA							47		non artifactual
10138	1982	1x2m	S26/W6	0-10	bone	NA							20		
10139	198?	1x2m	S18/W0		bone	NA							999		nonartifactual
10140	198?	1x2m	S26/W0	50-60	bone	NA							999		non artifactual
10141	198?	1x2m	S18/W0	100-110	bone	NA							74		non artifactual
10142	1982	1x2m	S18/W0	90-100	bone	NA							209		non artifactual
10143	1983	1x2m	S13/E12	20-30	bone	NA							552		non artifactual
10144	198?	1x2m	S7/E0	surface	shell	NA							1		non artifactual
10145	1982	1x2m	S18/W0	60-70	bone	NA							672		non artifactual
10146	1990	1x2m	S17/E10	50-60	bone	NA							9999		
10147	1990	1x2m	S26/W10	0-10	bone	NA							9999		
10148	1990	1x2m	S26/W12	80-90	flakedstone	debitage							2		
10149	1990	1x2m	S14/E4	Surface	bone	NA							1		
10150	1990	1x2m	S18/W8	10-20	bone	NA							9999		
10151	1990	1x2m	S18/W0	80-90	bone	NA							638		
10152	1990	1x2m	S5/E6	80-90	flakedstone	debitage							7		
10153	1990	1x2m	S18/W0	110-120	bone	NA							74		
10154	1990	1x2m	S26/W0	0-10	flakedstone	debitage							17		
10155	1990	1x2m	S24/W10	surface	bone	NA							9999		
10156	1990	1x2m	S17/E12	0-10	bone	NA							54		
10157	1990	1x2m	S17/E10	70-80	bone	NA							764		
10158		1x2m	S26/W4	10-20	flakedstone	debitage							40		
10159	1990	1x2m	S13/E8	0-10	flakedstone	debitage							9999		
10160	1990	1x2m	S17/E6	90-100	bone	NA							440		
10161	1990	1x2m	S13/E12	0-10	bone	NA							13		
10162	1990	1x2m	S18/W8	0-10	bone	NA							5		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10163	1990	1x2m	S14/W4	N/A	bone	NA		0.8	0.4	0.4			1		FISH
10164	1990	1x2m	S13/E10	50-60	bone	NA		0.5	0.5				1		FISH
10165	1986	1x2m	S13/E17	60-70	bone	NA							1		FISH VERTEBRAE
10166	1990	1x2m	S17/E6	110-120	bone	ornament		0.8	0.9				1		FISH VERTEBRAE
10167	1990	1x2m	S22/W2	40-50	bone	NA							1		FISH VERTEBRAE
10168	1990	1x2m	S13/E10	70-80	bone	NA		0.5	0.3				1		FISH VERTEBRAE
10169	1990	1x2m	S26/W6	60-70	bone	NA		1.0	1.2				1		FISH VERTEBRAE
10170	1990	1x2m	S17/E6	N/A	bone	NA							1		FISH VERTEBRAE
10171	1990	1x2m	S22/W8	50-60	bone	NA							1		FISH VERTEBRAE
10172	1990	1x2m	S9/E8	10-20	bone	NA		0.7	0.4				1		FISH VERTEBRAE
10173	1990	1x2m	S11/E14	50-60	shell	NA							111		
10174	1990	1x2m	S11/E14	50-60	flakedstone	debitage							51		
10175	1990	1x2m	S11/E14	50-60	bone	NA							414		
10176	1990	1x2m	S11/E14	50-60	pottery	TizonBrown							3		
10177	1990	1x2m	S11/E14	50-60	groundstone	mano		9.0	2.5	1.5			1		
10178	1990	1x2m	S11/E14	50-60	groundstone	mano		8.0	5.0	5.0			1		
10179	1990	1x2m	S11/E14	50-60	groundstone	mano		7.2	4.9	4.0			1		
10180	1990	1x2m	S11/E14	50-60	flakedstone	scraper		5.8	4.2	2.9			1		
10181	1990	1x2m	S11/E14	50-60	flakedstone	core		7.0	7.0	1.0			1		
10182	1990	1x2m	S11/E14	60-70	pottery	TizonBrown							2		
10183	1990	1x2m	S11/E14	60-70	bone	NA							335		
10184	1990	1x2m	S11/E14	60-70	shell	NA							61		
10185	1990	1x2m	S11/E14	60-70	flakedstone	debitage							40		
10186	1990	1x2m	S11/E14	60-70	groundstone	hammr/grindr		8.0	7.5	5.6			1		
10187	1990	1x2m	S11/E14	70-bRock	pottery	TizonBrown							3		
10188	1990	1x2m	S11/E14	70-bRock	groundstone	NA		9.7	7.0	6.0			1		MILLING STONE
10189	1990	1x2m	S11/E14	70-bRock	bone	ornament							233		
10190	1990	1x2m	S16/E14	0-10	shell	NA							23		14 chione; 5 pecten; 4 do
10191	1990	1x2m	S11/E14	70-80	shell	NA							67		15 donex; 13 pecten; 30 c
10192	1990	1x2m	S16/E14	0-10	bone	NA							20		
10193	1990	1x2m	S16/E14	0-10	pottery	TizonBrown							7		
10194	1990	1x2m	S16/E14	0-10	flakedstone	debitage							18		8 quartz 9.1 gm; 7 basalt
10195	1990	1x2m	S11/E14	70-bRock	flakedstone	debitage							23		2 quartzite 1.3 g; 8 basalt
10196	1990	1x2m	S11/E14	70-bRock	flakedstone	core		5.7	3.5	3.0			1		
10197	1990	1x2m	S16/E14	10-20	metal	bullet		1.7	0.9	0.9			1		32 CALIBER SHELL CA
10198	1990	1x2m	S11/E14	70-bRock	flakedstone	core		5.7	5.0	3.0			1		
10199	1990	1x2m	S16/E14	10-20	glass	NA		3.0	1.6	0.2			1		AMER GLASS SHERD

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10200	1990	1x2m	S11/E14	70-bRock	groundstone	mano		5.5	4.4	3.8			1		Unifacial mano frag
10201	1990	1x2m	S16/E14	10-20	bone	NA							315		
10202	1990	1x2m	S16/E14	10-20	flakedstone	scraper		10.3	537.0	1.0			1		POSSIBLE SOFT SCRA
10203	1990	1x2m	S16/E14	10-20	pottery	TizonBrown							39		
10204	1990	1x2m	S16/E14	20-30	pottery	TizonBrown							1		
10205	1990	1x2m	S16/E14	20-30	pottery	TizonBrown		4.0	3.6	0.4			1		
10206	1990	1x2m	S16/E14	10-20	flakedstone	debitage							184		
10207	1990	1x2m	S16/E14	20-30	pottery	TizonBrown		1.6	1.3	0.6			1		
10208	1990	1x2m	S16/E14	20-30	pottery	TizonBrown							37		
10209	1990	1x2m	S16/E14	10-20	shell	marine shell							198		1 abalone; 76 chione; 42
10210	1990	1x2m	S16/E14	20-30	bone	NA							46		
10211	1990	1x2m	S16/E14	20-30	groundstone	NA		15.0	10.0	9.0			1		Milling stone fragment
10212	1990	1x2m	S16/E14	20-30	flakedstone	debitage							136		
10213	1990	1x2m	S16/E14	20-30	flakedstone	projectilept		1.0	0.5	0.2			1		Projectile point tip made
10214	1990	1x2m	S16/E14	20-30	flakedstone	debitage	obsidian						6		
10215	1990	1x2m	S16/E14	50-60	charcoal	NA							9999		
10216	1990	1x2m	S16/E14	20-30	shell	marine shell							135		6 Abalone; 1 Chiton; 1Oli
10217	1990	1x2m	S16/E14	30-40	pottery	TizonBrown							45		
10218	1990	1x2m	S16/E14	30-40	bone	NA							60		1 Large bovine pelvic bon
10219	1990	1x2m	S16/E14	20-30	flakedstone	core	other	4.5	4.0	1.0			1		Core frag
10220	1990	1x2m	S16/E14	20-30	flakedstone	core	other	6.0	5.0	1.8			1		Core frag
10221	1990	1x2m	S16/E14	30-40	shell	marine shell							130		34 donay; 70 chione; 19 p
10222	1990	1x2m	S16/E14	20-30	flakedstone	core	other	8.4	5.6	2.5			1		CORE FRAG
10223	1990	1x2m	S16/E14	30-40	flakedstone	NA	other	5.5	5.6	2.3			1		COBBLE FRAG
10224	1990	1x2m	S16/W14	30-40	flakedstone	NA	other	5.0	3.4	3.4			1		COBBLE FRAG
10225	1990	1x2m	S16/W14	20-30	flakedstone	scraper	other						1		
10226	1990	1x2m	S16/E14	30-40	flakedstone	debitage	other						139		57 Quartz; 6 Quartz Cryst
10227	1990	1x2m	S16/E14	40-50	bone	NA							61		
10228	1990	1x2m	S16/E14	40-50	flakedstone	debitage							111		
10229	1990	1x2m	S16/E14	40-50	pottery	TizonBrown							21		
10230	1990	1x2m	S16/E14	40-50	flakedstone	debitage	obsidian	0.9	0.3	0.1			1		
10231	1990	1x2m	S16/E14	40-50	shell	marine shell							76		37 chione; 11 pecten; 26
10232	1990	1x2m	S16/E14	60-70	pottery	TizonBrown							3		
10233	1990	1x2m	S16/E14	50-60	shell	marine shell							41		6 donex; 8 pecten; 20 chi
10234	1990	1x2m	S16/E14	60-70	bone	NA							54		
10235	1990	1x2m	S16/E14	50-60	pottery	TizonBrown							9		
10236	1990	1x2m	S16/E14	60-70	shell	marine shell							47		2 mussel; 5 donex; 14 chi

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10237	1990	1x2m	S16/E14	50-60	bone	NA							79		
10238	1990	1x2m	S16/E14	50-60	flakedstone	debitage	other						54		
10239	1990	1x2m	S16/E14	60-70	flakedstone	debitage							48		
10240	1990	1x2m	S16/E47	70-80	pottery	TizonBrown							6		
10241	1990	1x2m	S16/E16	50-60	flakedstone	core	other	4.4	3.3	2.3			1		
10242	1990	1x2m	S16/E14	60-70	flakedstone	core	quartzite	9.5	5.8	7.5			1		
10243	1990	1x2m	S16/E14	50-60	flakedstone	core	other	4.3	3.6	2.3			1		
10244	1990	1x2m	S16/E14	50-60	flakedstone	NA	other	6.6	5.5	1.4			1		
10245	1990	1x2m	S16/E14	50-60	flakedstone	NA	other	6.8	5.0	4.1			1		
10246	1990	1x2m	S16/E14	50-60	flakedstone	NA	other	9.2	8.2	3.5			1		
10247	1990	1x2m	S16/E14	70-80	pottery	TizonBrown		1.8	1.0	0.4			1		
10248	1990	1x2m	S16/E14	70-80	flakedstone	debitage	varied						183		
10249	1990	1x2m	S16/E14	70-80	flakedstone	projectilept	other	1.9	1.4	0.1			1		
10250	1990	1x2m	S12/E12	0-10	pottery	TizonBrown							10		
10251	1990	1x2m	S12/E12	0-10	bone	NA							262		
10252	1990	1x2m	S16/E14	70-80	bone	NA							48		
10253	1990	1x2m	S12/E12	10-20	bone	NA							248		
10254	1990	1x2m	S16/E14	70-80	shell	marine shell							46		8 donex;
10255	1990	1x2m	S12/E12	10-20	pottery	TizonBrown							23		
10256	1990	1x2m	S12/E12	0-10	shell	marine shell							135		40 chione; 36 donex; 49 p
10257	1990	1x2m	S12/E12	10-20	flakedstone	debitage							33		
10258	1990	1x2m	S12/E12	10-20	shell	marine shell							184		56 chione; 33 pecten; 38;
10259	1990	1x2m	S12/E12	10-20	flakedstone	NA		1.2	1.0	0.3			1		
10260	1990	1x2m	S12/E12	60-70	groundstone	mano	granitic	6.7	3.5	3.0			1		
10261	1990	1x2m	S12/E12	0-10	flakedstone	debitage							79		
10262	1990	1x2m	S12/E12	10-20	flakedstone	NA	granitic	9.0	7.0	3.4			1		
10263	1990	1x2m	S12/E12	60-70	groundstone	mano		9.5	8.8	4.0			1		
10264	1990	1x2m	S12/E12	60-70	pottery	TizonBrown							4		
10265	1990	1x2m	S12/E12	60-70	flakedstone	debitage							12		
10266	1990	1x2m	S12/E14	50-60	pottery	TizonBrown							2		
10267	1990	1x2m	S12/E12	60-70	bone	NA							31		
10268	1990	1x2m	S12/E12	60-70	shell	marine shell							17		
10269	1990	1x2m	S12/E14	50-60	groundstone	mano	granitic	11.9	10.2	3.9			1		
10270	1990	1x2m	S12/E14	50-60	groundstone	mano	granitic	7.0	3.7	4.2			1		
10271	1990	1x2m	S12/E14	30-40	pottery	TizonBrown							14		
10272	1990	1x2m	S12/E14	50-60	flakedstone	NA	granitic	7.9	7.0	2.5			1		
10273	1990	1x2m	S12/E14	50-60	bone	NA							243		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10274	1990	1x2m	S12/E14	30-40	bone	NA							384		
10275	1990	1x2m	S12/E14	50-60	shell	marine shell							63		1 SNAIL; 15 DONEX; 19
10276	1990	1x2m	S12/E14	30-40	pottery	TizonBrown							2		
10277	1990	1x2m	S12/E14	50-60	flakedstone	debitage							20		
10278	1990	1x2m	S12/E14	60-70	shell	marine shell							27		8 PECTEN; 6 CHIONE;
10279	1990	1x2m	S12/E14	60-70	flakedstone	debitage							11		
10280	1990	1x2m	S12/E14	60-70	pottery	TizonBrown							1		
10281	1990	1x2m	S12/E14	30-40	flakedstone	debitage							130		
10282	1990	1x2m	S12/E14	60-70	bone	NA							105		
10283	1990	1x2m	S12/E14	10-20	pottery	TizonBrown							17		
10284	1990	1x2m	S12/E14	10-20	bone	NA							32		
10285	1990	1x2m	S12/E14	10-20	bone	NA							1		
10286	1990	1x2m	S12/E14	30-40	shell	marine shell							141		
10287	1990	1x2m	S12/E14	40-50	bone	NA							376		
10288	1990	1x2m	S12/E14	40-50	shell	marine shell							110		
10289	1990	1x2m	S12/E14	40-50	metal	nail/tack		6.4	0.3	0.7			1		MODERN HISTORIC G
10290	1990	1x2m	S12/E14	80-90	bone	NA		0.5	0.6	0.3			1		FISH VERTEBRA
10291	1990	1x2m	S12/E12	So. Wall	pottery	TizonBrown							2		
10292	1990	1x2m	S12/E12	So. WALL	bone	NA							22		
10293	1990	1x2m	S12/E12	So. Wall	shell	marine shell							19		
10294	1990	1x2m	S12/E12	0-10	pottery	TizonBrown							6		
10295	1990	1x2m	S12/E12	0-10	bone	NA							48		
10296	1990	1x2m	S12/E12	So. Wall	flakedstone	debitage							7		
10297	1990	1x2m	S12/E14	40-50	pottery	TizonBrown							11		
10298	1990	1x2m	S12/E14	40-50	pottery	TizonBrown							1		
10299	1990	1x2m	S12/E12	No. Wall	shell	marine shell							41		
10300	1990	1x2m	S12/E14	40-50	groundstone	mano	granitic	9.0	6.0	4.0			1		
10301	1990	1x2m	S12/E14	40-50	flakedstone	core	unidentified	7.5	5.8	2.8			1		
10302	1990	1x2m	S12/E14	40-50	flakedstone	debitage							59		
10303	1990	1x2m	S12/E12	No. Wall	flakedstone	debitage							18		
10304	1990	1x2m	S12/E12	No. Wall	bone	NA							1		fish vertebra
10305	1990	1x2m	S12/E14	10-20	shell	marine shell							71		
10306	1990	1x2m	S12/E14	10-20	flakedstone	debitage							28		
10307	1990	1x2m	S12/E14	80-90	flakedstone	debitage							2		
10308	1990	1x2m	S12/E14	80-90	bone	NA							4		
10309	1990	1x2m	S12/E14	80-90	shell	marine shell							2		1 olivella; 1 donax
10310	1990	1x2m	S12/E14	20-30	pottery	ColoradoBuff		3.5	2.3	0.4			1		Colorado Buff Pottery

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10311	1990	1x2m	S12/E12	50-60	groundstone	mano		14.0	10.9	5.0			1		
10312	1990	1x2m	S12/E12	50-60	pottery	TizonBrown							16		
10313	1990	1x2m	S12/E12	50-60	groundstone	mano	granitic	8.2	4.1	4.0			1		
10314	1990	1x2m	S12/E14	20-30	pottery	TizonBrown							17		
10315	1990	1x2m	S12/E12	50-60	groundstone	mano	granitic	8.2	5.4	4.4			1		
10316	1990	1x2m	S12/E12	50-60	shell	marine shell							223		74 Chione; 56 Pecton; 64
10317	1990	1x2m	S12/E14	20-30	flakedstone	debitage							40		
10318	1990	1x2m	S12/E12	50-60	flakedstone	core	other	7.0	4.8	1.8			1		
10319	1990	1x2m	S12/E12	50-60	flakedstone	core	unidentified	10.7	5.7	5.0			1		
10320	1990	1x2m	S12/E14	20-30	shell	marine shell							76		10 pecten; 28 chione; 2 s
10321	1990	1x2m	S12/E12	50-60	bone	NA							454		
10322	1990	1x2m	S12/E14	20-30	bone	NA							163		
10323	1990	1x2m	S12/E12	50-60	flakedstone	debitage							81		
10324	1990	1x2m	n/a	surface	groundstone	NA	granitic	21.5	13.5	9.0			1		
10325	1990	1x2m	S12/E12	70-80	flakedstone	debitage							22		
10326	1990	1x2m	S12/E12	80-90	flakedstone	scraper	other	5.0	3.5	1.1			1		
10327	1990	1x2m	S12/E12	70-80	bone	NA							2		fish vertebra
10328	1990	1x2m	S12/E12	70-80	bone	NA							152		
10329	1990	1x2m	S12/E12	80-90	flakedstone	debitage							2		
10330	1990	1x2m	S12/E12	70-80	bone	NA							1		
10331	1990	1x2m	S12/E12	70-80	shell	marine shell							88		
10332	1990	1x2m	S12/E12	80-90	pottery	TizonBrown							1		
10333	1990	1x2m	S12/E12	70-80	shell	marine shell							1		
10334	1990	1x2m	S12/E12	80-90	shell	marine shell							7		
10335	1990	1x2m	S12/E12	80-90	bone	NA							23		
10336	1990	1x2m	S12/E12	70-80	shell	marine shell							1		
10337	1990	1x2m	S12/E14	60-70	pottery	TizonBrown							1		
10338	1990	1x2m	S12/E14	60-70	shell	marine shell							4		
10339	1990	1x2m	S12/E14	60-70	bone	NA							34		
10340	1990	1x2m	S12/E14	60-70	flakedstone	debitage							1		
10341	1990	1x2m	S12/E14	60-70	groundstone	mano	granitic	14.0	11.7	5.0			1		
10342	1990	1x2m	S16/W10	na	pottery	ColoradoBuff		0.6	0.9	0.3			1		
10343	1990	1x2m	S17/W14	surface	pottery	TizonBrown		3.8	1.6	0.7			1		
10344	1990	1x2m	S16/W10	surface	bone	NA							1		
10345	1990	1x2m	S17/W14	surface	pottery	TizonBrown							1		
10346	1990	1x2m	S14/W14	surface	bone	NA							1		
10347	1990	1x2m	S14/W14	surface	pottery	TizonBrown							1		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10348	1990	1x2m	S17/W14	surface	flakedstone	debitage							3		
10349	1990	1x2m	S14/W14	surface	flakedstone	debitage							1		
10350	1990	1x2m	n/a	surface	pottery	TizonBrown							2		
10351	1990	1x2m	S3/W6	surface	pottery	TizonBrown							1		
10352	1990	1x2m	n/a	surface	groundstone	NA	granitic	9.1	6.7	4.4			1		
10353	1990	1x2m	S3/W6	surface	flakedstone	debitage							1		
10354	1990	1x2m	S16/W12	surface	pottery	TizonBrown							3		
10355	1990	1x2m	n/a	surface	bone	NA							1		
10356	1990	1x2m	S16/W12	surface	flakedstone	debitage							4		
10357	1990	1x2m	S13/E14	na	groundstone	pestle	granitic	7.1	5.8	4.0			1		
10358	1990	1x2m	n/a	susrface	flakedstone	debitage							999		
10359	1990	1x2m	S10/E10	na	flakedstone	debitage							2		
10360	1990	1x2m	S3/W2	surface	pottery	TizonBrown							1		
10361	1990	1x2m	S16/W14	surface	flakedstone	debitage							1		
10362	1990	1x2m	S16/W14	surface	pottery	TizonBrown							1		
10363	1990	1x2m	S3/W2	surface	flakedstone	debitage							2		
10364	1990	1x2m	S16/W14	surface	flakedstone	core							1		
10365	1990	1x2m	S16/W14	surface	bone	NA							1		
10366	1990	1x2m	S13/W14	surface	pottery	TizonBrown							4		
10367	1990	1x2m	n/a	surface	pottery	TizonBrown							2		
10368	1990	1x2m	S15/W12	surface	pottery	TizonBrown							4		
10369	1990	1x2m	S15/W12	surface	flakedstone	core							1		
10370	1990	1x2m	S10/W8	surface	pottery	TizonBrown							2		
10371	1990	1x2m	S15/W12	surface	flakedstone	debitage							6		
10372	1990	1x2m	n/a	surface	flakedstone	core	unidentified	7.5	6.5	5.0			1		
10373	1990	1x2m	n/a	surface	pottery	TizonBrown							41		
10374	1990	1x2m	n/a	surface	bone	NA							6		
10375	1990	1x2m	n/a	surface	flakedstone	debitage							21		
10376	1990	1x2m	S10/E14	30-40	flakedstone	core	other	6.0	3.9	1.2			1		
10377	1990	1x2m	S17/W10	surface	pottery	TizonBrown							3		
10378	1990	1x2m	S14/W2	110-120	flakedstone	utilizedflake	other	4.0	2.3	0.6			1		
10379	1990	1x2m	S17/W10	0-10	flakedstone	debitage							5		
10380	1990	1x2m	S14/W12	0-10	pottery	TizonBrown							1		
10381	1990	1x2m	n/a	surface	pottery	TizonBrown							1		
10382	1990	1x2m	n/a	surface	pottery	TizonBrown							1		
10383	1990	1x2m	S17/W12	surface	shell	NA							1		
10384	1990	1x2m	S14/W12	surface	flakedstone	debitage							3		

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10385	1990	1x2m	S17/W12	surface	pottery	TizonBrown							2		
10386	1990	1x2m	S15/W14	surface	pottery	TizonBrown							3		
10387	1990	1x2m	S17/W12	surface	flakedstone	debitage							2		
10388	1990	1x2m	S15/W14	surface	flakedstone	debitage							3		
10389	1990	1x2m	S12/E14	70-80	pottery	TizonBrown							4		
10390	1990	1x2m	S12/E14	70-80	bone	NA							255		
10391	1990	1x2m	S12/E14	70-80	shell	marine shell							113		
10392	1990	1x2m	S12/E14	70-80	flakedstone	debitage							54		
10393	1990	1x2m	S17/E6	80-90	soilsample	NA							999		
10394	1990	1x2m	S17/E6	90-100	soilsample	NA							999		
10395	1990	1x2m	S17/E6	100-110	soilsample	NA							999		
10396	1990	1x2m	S17/E6	110-120	soilsample	NA							999		
10397	1990	1x2m	S17/E10	60-70	soilsample	NA							999		
10398	1990	1x2m	S27/W2	no. wall	soilsample	NA							999		
10399	1990	1x2m	S27/W2	no. wall	soilsample	NA							999		
10400	1990	1x2m	S27/W2	no. wall	soilsample	NA							999		
10401	1990	1x2m	S27/W2	no. wall	soilsample	NA							999		
10402	1990	1x2m	n/a	na	soilsample	NA							999		
10403	1990	1x2m	n/a	na	soilsample	NA							999		
10404	1990	1x2m	n/a	na	soilsample	NA							999		
10405	1990	1x2m	S9/E6	110-120	soilsample	NA							999		
10406	1990	1x2m	S9/E8	50-60	soilsample	NA							999		
10407	1990	1x2m	S9/E8	50-60	soilsample	NA							999		
10408	1990	1x2m	S9/E8	50-60	soilsample	NA							999		
10409	1990	1x2m	S9/E8	50-60	other	other							999		Ash Sample
10410	1990	1x2m	S17/E14	0-120	soilsample	NA							999		
10411	1990	1x2m	S26/W8	70-80	other	other							999		Ash deposit Sample
10412	1990	1x2m	S17/E10	40-50	soilsample	NA							999		Soil and Ash samples
10413	1990	1x2m	S5/E6	40-50	soilsample	NA							999		Soil and Ash samples
10414	1990	1x2m	S26/W0	40-50	soilsample	NA							999		Soil and ash samples
10415	1990	1x2m	S17/E10	50-60	soilsample	NA							999		Soil and ash samples
10416	1990	1x2m	S22/W8	50-60	soilsample	NA							999		Ash samples
10417	1990	1x2m	S17/E6	60-70	soilsample	NA							999		soil and ash samples
10418	1990	1x2m	S22/W8	60-70	other	other							999		ash samples
10419	1990	1x2m	S9/E8	5-10	pottery	TizonBrown							3		4 mm flotation
10420	1990	1x2m	S9/E8	5-10	flakedstone	debitage							1		4 mm. Flotation
10421	1990	1x2m	S9/E8	5-10	bone	NA							11		4 mm. Flotation

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
10422	1990	1x2m	S9/E8	10-15	pottery	TizonBrown							1		4 mm. Flotation
10423	1990	1x2m	S9/E8	15-20	bone	NA							9		4 mm. Flotation
10424	1990	1x2m	S9/E8	15-20	flakedstone	debitage							2		4 mm. Flotation
10425	1990	1x2m	S9/E8	10-15	flakedstone	debitage							6		4 mm. Flotation
10426	1990	1x2m	S9/E8	20-30	bone	NA							13		4 mm. Flotation
10427	1990	1x2m	S9/E8	20-25	flakedstone	debitage							3		4 mm. Flotation
10428	1990	1x2m	S9/E8	25-30	bone	NA							12		4 mm. Flotation
10429	1990	1x2m	S9/E8	10-15	bone	NA							14		4 mm. Flotation
10430	1990	1x2m	S9/E8	25-30	flakedstone	debitage							4		4 mm. Flotation
10431	1990	1x2m	S9/E8	75-80	flakedstone	debitage							3		4 mm. Flotation
10432	1990	1x2m	S9/E8	75-80	bone	NA							9		4 mm. Flotation
10433	1990	1x2m	S9/E8	30-35	flakedstone	debitage							2		4 mm. Flotation
10434	1990	1x2m	S9/E8	70-75	bone	NA							13		4 mm. Flotation
10435	1990	1x2m	S9/E8	30-35	pottery	TizonBrown							1		4 mm. Flotation
10436	1990	1x2m	S9/E8	30-40	bone	NA							21		4 mm. Flotation
10437	1990	1x2m	S9/E8	35-40	pottery	TizonBrown							1		4 mm. Flotation
10438	1990	1x2m	S9/E8	35-40	bone	NA							15		4 mm. Flotation
10439	1990	1x2m	S9/E8	65-70	bone	NA							8		4 mm. Flotation
10440	1990	1x2m	S9/E8	40-45	pottery	TizonBrown							2		4 mm. Flotation
10441	1990	1x2m	S9/E8	65-70	pottery	TizonBrown							1		4 mm. Flotation
10442	1990	1x2m	S9/E8	40-45	bone	NA							17		4 mm. Flotation
10443	1990	1x2m	S9/E8	60-65	flakedstone	debitage							2		4 mm. Flotation
10444	1990	1x2m	S9/E8	40-45	flakedstone	debitage							1		4 mm. Flotation
10445	1990	1x2m	S9/E8	60-65	bone	NA							21		4 mm. Flotation
10446	1990	1x2m	S9/E8	55-60	flakedstone	debitage							3		4 mm. Flotation
10447	1990	1x2m	S9/E8	45-50	pottery	TizonBrown							3		4 mm. Flotation
10448	1990	1x2m	S9/E8	45-50	bone	NA							22		4 mm. Flotation
10449	1990	1x2m	S9/E8	45-50	flakedstone	debitage							4		4 mm. Flotation
10450	1990	1x2m	S9/E8	50-55	bone	NA							18		4 mm. Flotation
10451	1990	1x2m	S9/E8	50-55	flakedstone	debitage							1		4 mm. Flotation
10452	1990	1x2m	S9/E8	55-60	bone	NA							15		4 mm. Flotation
10453	1990	1x2m	S9/E8	40-45	flakedstone	debitage							12		2 mm. Flotation
10454	1990	1x2m	S9/E8	60-65	bone	NA							300		1 mm. Flotation
10455	1990	1x2m	S9/E8	40-45	bone	NA							110		2 mm. Flotation
10456	1990	1x2m	S9/E8	20-25	bone	NA							150		1 mm. Flotation
10457	1990	1x2m	S9/E8	20-25	flakedstone	debitage							9		1 mm. Flotation
10458	1990	1x2m	S9/E8	20-25	flakedstone	debitage							8		2 mm. Flotation

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10459	1990	1x2m	S9/E8	20-25	bone	NA							100		2 mm. Flotation
10460	1990	1x2m	S9/E8	25-30	flakedstone	debitage							4		2 mm. Flotation
10461	1990	1x2m	S9/E8	25-30	bone	NA							84		2 mm. Flotation
10462	1990	1x2m	S9/E8	45-50	bone	NA							250		1 mm. Flotation
10463	1990	1x2m	S9/E8	45-50	flakedstone	debitage							39		1 mm. Flotation
10464	1990	1x2m	S9/E8	30-35	bone	NA							178		2 mm. Flotation
10465	1990	1x2m	S9/E8	35-40	flakedstone	debitage							6		2 mm. Flotation
10466	1990	1x2m	S9/E8	35-40	bone	NA							130		2 mm. Flotation
10467	1990	1x2m	S9/E8	30-35	flakedstone	debitage							13		
10468	1990	1x2m	S9/E8	30-35	flakedstone	debitage							1		2 mm. Flotation
10469	1990	1x2m	S9/E8	5-10	bone	NA							150		1 mm. Flotation
10470	1990	1x2m	S9/E8	10-15	bone	NA							58		
10471	1990	1x2m	S9/E8	5-10	flakedstone	debitage							9		1 mm. Flotation
10472	1990	1x2m	S9/E8	5-10	bone	NA							61		2 mm. Flotation
10473	1990	1x2m	S9/E8	10-15	flakedstone	debitage							3		2 mm. Flotation
10474	1990	1x2m	S9/E8	5-10	flakedstone	debitage							7		2 mm. Flotation
10475	1990	1x2m	S9/E8	50-55	bone	NA							151		2 mm. Flotation
10476	1990	1x2m	S9/E8	55-60	bone	NA							104		2 mm. Flotation
10477	1990	1x2m	S9/E8	50-55	flakedstone	debitage							10		2 mm. Flotation
10478	1990	1x2m	S9/E8	65-70	flakedstone	debitage							4		2 mm. Flotation
10479	1990	1x2m	S9/E8	55-60	bone	NA							250		1 mm. Flotation
10480	1990	1x2m	S9/E8	75-80	bone	NA							80		2 mm. Flotation
10481	1990	1x2m	S9/E8	55-60	flakedstone	debitage							11		1 mm. Flotation
10482	1990	1x2m	S9/E8	75-80	flakedstone	debitage							4		2 mm. Flotation
10483	1990	1x2m	S9/E8	60-65	bone	NA							99		2 mm. Flotation
10484	1990	1x2m	S9/E8	45-50	flakedstone	debitage							10		2 mm. Flotation
10485	1990	1x2m	S9/E8	40-45	bone	NA							200		1 mm. Flotation
10486	1990	1x2m	S9/E8	55-60	bone	NA							95		2 mm. Flotation
10487	1990	1x2m	S9/E8	45-50	bone	NA							113		2 mm. Flotation
10488	1990	1x2m	S9/E8	40-45	flakedstone	debitage	obsidian						1		1 mm. Flotation
10489	1990	1x2m	S9/E8	55-60	flakedstone	debitage							2		2 mm. Flotation
10490	1990	1x2m	S9/E8	40-45	flakedstone	debitage							17		1 mm. Flotation
10491	1990	1x2m	S9/E8	15-20	bone	NA							60		2 mm. Flotation
10492	1990	1x2m	S9/E8	70-75	flakedstone	debitage							1		2 mm. Flotation
10493	1990	1x2m	S9/E8	15-20	flakedstone	debitage							6		2 mm. Flotation
10494	1990	1x2m	S9/E8	70-75	bone	NA							124		2 mm. Flotation
10495	1990	1x2m	S9/E8	15-20	bone	NA							125		1 mm. Flotation

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10496	1990	1x2m	S9/E8	0-80	bone	NA							135		1 mm. Flotation
10497	1990	1x2m	S9/E8	65-170	bone	NA							216		1 mm. Flotation
10498	1990	1x2m	S9/E8	15-20	flakedstone	debitage							4		1 mm. Flotation
10499	1990	1x2m	S9/E8	65-70	flakedstone	debitage							6		1 mm. Flotation
10500	1990	1x2m	S9/E8	35-40	bone	NA							198		1 mm. Flotation
10501	1990	1x2m	S9/E8	65-70	flakedstone	debitage							13		1 mm. Flotation
10502	1990	1x2m	S9/E8	25-30	bone	NA							162		1 mm. Flotation
10503	1990	1x2m	S9/E8	25-30	flakedstone	debitage							2		
10504	1990	1x2m	S9/E8	75-80	bone	NA							127		1 mm. Flotation
10505	1990	1x2m	S9/E8	50-55	flakedstone	debitage							14		1 mm. Flotation
10506	1990	1x2m	S9/E8	50-55	bone	NA							300		1 mm. Flotation
10507	1990	1x2m	S9/E8	75-80	flakedstone	debitage							4		1 mm. Flotation
10508	1990	1x2m	S9/E8	70-80	bone	NA							200		1 mm. Flotation
10509	1990	1x2m	S9/E8	70-80	flakedstone	debitage							5		1 mm. Flotation
10510	1990	1x2m	S9/E8	10-15	flakedstone	debitage							4		1 mm. Flotation
10511	1990	1x2m	S9/E8	10-15	bone	NA							78		1 mm. Flotation
10512	1990	1x2m	S9/E8	30-35	bone	NA							225		1 mm. Flotation
10513	1990	1x2m	S9/E8	30-35	flakedstone	debitage							12		1 mm. Flotation
10514	1990	1x2m	S9/E8	30-40	flakedstone	debitage	obsidian						1		1 mm. Flotation
10515	NA	1x2m	n/a	NA	other	other							999		NO RECORD
12000	1981	Surface	S23W12	surface	bone	NA							1	frag	found in shell bag
12001	1982	1x2m	S26/W12	90-100	flakedstone	utilizedflake	basalt	1.3	1.5	0.1			1		
12002	1982	1x2m	S17/E10	90-100	charcoal	NA						8.1	9999		
12003	1982	1x2m	S22/W4	90-100	charcoal	NA						9.9	0		
12004	1982	1x2m	S14/W0	40-50	flakedstone	debitage	obsidian	1.3	1.4	0.3			1		
12005	1982	1x2m	S9/E10	50-60	flakedstone	NA	obsidian	0.9	0.6	0.1			1		
12006	1983	1x2m	S5/E6	70-80	flakedstone	core	basalt	6.5	5.5	4.1			1		"Incomplete Level"
12007	1982	1x2m	S9/E10	50-60	bone	NA							767	frag	
12008	1982	1x2m	S13/E10	50-60	flakedstone	debitage	obsidian	0.8	0.6	0.1			1		Chipping Waste
12009	1982	1x2m	S14/E2	20-30	shell	bead	other						1		Barrel Bead
12010	198?	1x2m	S17/E14	60-70	shell	bead		1.4	0.8	0.7			1	whole/b	olivella shell-possible wh
12011	1982	1x2m	S13/E10	70-80	pottery	NA		4.2	3.1	0.4			1		
12012	1982	1x2m	S18/W4	30-40	bone	NA		2.0	0.3				1		possible deer incisor
12013	198?	1x2m	S17/E6	10-20	bone	NA		0.9	0.3	0.2			1		Bone with Striations
12014	1982	1x2m	S26/W4	50-60	flakedstone	scraper	basalt	6.0	3.3	1.6			1		
12015	1982	1x2m	S14/E2	0-10	flakedstone	debitage	other					14.3	12		Chalcedony-3.15/ Quartzi
12016	198?	1x2m	S17/E10	0-10	flakedstone	debitage	unidentified						0		milk Quartz-0.65/ andesit

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12017	198?	1x2m	S26/W2	0-10	flakedstone	debitage	unidentified					10.8	1		
12018	1981	1x2m	S5/E6	0-10	flakedstone	debitage	unidentified					13.4	29		
12019	1981	1x2m	S17/E14	0-10	flakedstone	debitage	unidentified					107.6	64		
12020	1981	1x2m	S13/E6	0-10	flakedstone	debitage	unidentified					6.7	7		
12021	1981	1x2m	S14/W4	0-10	flakedstone	debitage	unidentified					10.0	12		
12022	1981	1x2m	S13/E14	0-10	flakedstone	debitage	unidentified					8.9	10		
12023	198?	1x2m	S17/E6	0-10	flakedstone	debitage	unidentified					92.6	57		
12024	1982	1x2m	S26/W2	40-50	shell	bead			0.5	0.1			2		
12025	1982	1x2m	S26/W2	10-20	shell	bead			0.5	0.1			2		
12026	1983	1x2m	S26/W4	70-80	bone	NA		0.5	0.3	0.2			1		fish veriebra with long sp
12027	1983	1x2m	S26/W4	70-80	shell	bead			0.5	0.1			2		
12028	1983	1x2m	S26/W4	70-80	shell	bead			0.5	0.1			2		
12029	1983	1x2m	S26/W6	30-40	shell	bead			0.6	0.1			1		
12030	1983	1x2m	S26/W6	40-50	shell	bead			0.5	0.1			1		
12031	1983	1x2m	S26/W2	20-30	shell	bead			0.5	0.1			4		
12032	1983	1x2m	S26/W2	20-30	shell	bead		0.4	0.4	0.1			1		
12033	1983	1x2m	S26/W2	40-50	shell	bead		1.8	0.9	0.1			1		
12034	1983	1x2m	S26/W2	40-50	shell	bead							2		
12035	1983	1x2m	S25/W6	30-40	bone	NA		0.3	0.3	0.2			1		
12036	1983	1x2m	S17/E6	100-110	flakedstone	NA	obsidian	0.9	0.9	0.3			1		
12037	1983	1x2m	S17/E4	70-80	shell	NA						1.7	1	frag	Chione Fragment
12038	1983	1x2m	S18/W4	40-50	bone	NA		0.2	0.2	0.2			1		
12039	1983	1x2m	S14/W0	60-70	groundstone	metate	granitic	24.0	19.5	13.5			1	frag	
12040	1983	1x2m	S14/W4	30-40	flakedstone	projectilept	quartz	0.8	0.8	0.3		0.3	1	frag	Possible Projectile point
12041	1983	1x2m	S17/E4	90-100	bone	NA		0.8	0.4	0.2			1		Otholitit
12042	1983	1x2m	S17/E12	80-90	pottery	TizonBrown		2.6	2.4	0.6			1	frag	rim sherd
12043	1983	1x2m	S14/W0	70-80	other	NA		1.6	1.5	1.0			1	frag	hematite nodule
12044	1983	1x2m	S13/E6	70-80	pottery	TizonBrown		2.7	2.2	0.7			1	frag	pottery sherd
12045	1983	1x2m	S13/E6	70-80	pottery	TizonBrown		2.0	2.0	0.3			1	frag	rim sherd
12046	1983	1x2m	S14/W4	40-50	shell	bead		1.4	0.8	0.1			1	com	chipped whole shell bead
12047	1983	1x2m	S14/W2	50-60	shell	NA		0.8	0.5	0.1			1	com	"altered shell", olivella
12048	1983	1x2m	S14/W8	50-60	bone	NA		1.5	0.3	0.1			1	com	"polished bone"
12049	1983	1x2m	S14/W8	50-60	flakedstone	scraper	basalt	6.0	4.0	1.3			1	com	
12050	1983	1x2m	S14/W8	50-60	bone	NA		1.4	0.8	0.4			1	frag	"polished bone"
12051	1983	1x2m	S14/W4	50-60	flakedstone	debitage	basalt	0.6	0.6	0.2			1	com	"micro flake"
12052	1983	Surface	off grid	surface	pottery	NA		3.6	3.4	0.4			1	frag	potter sherd, off grid to S
12053	1984	1x2m	S14/W8	60-70	pottery	NA		6.6	5.2	0.7			1	fragment/b	pottery rim sherd, heavy b

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12054	1984	1x2m	S14/W4	50-60	shell	bead		1.3	0.8	0.1			1	com	shell bead, olivella
12055	1984	1x2m	S14/W0	70-80	shell	bead		0.6	0.6	0.1			1	com	clam shell, "disk bead"
12056	1984	1x2m	S13/E6	70-80	shell	bead			0.5	0.1			3	com	olivella disk beads
12057	1983	1x2m	S14/W4	50-60	flakedstone	scraper	unidentified	6.6	4.6	0.0			1	com	lithic material not specifie
12058	1983	1x2m	S14/W8	50-60	charcoal	NA						107.6	9999	fragment/b	charcoal fragments
12059	1984	1x2m	S26/W2	80-90	shell	bead			0.6	0.1			5	com	olivella disk beads
12060	1983	1x2m	S17/E6	100-110	charcoal	NA						20.4	9999	whole/b	dark-grey charcoal
12061	1983	1x2m	S13/E6	70-80	groundstone	bead	soapstone	0.4	0.4	0.1			1	com	steatite bead
12062	1983	1x2m	S14/W4	40-50	charcoal	NA						142.1	9999	whole/b	
12063	1983	1x2m	S13/E8	30-40	shell	marine shell						16.0	32		numerous types, fragment
12064	1984	1x2m	S9/E6	20-30	pottery	NA							7	frag	pottery sherds
12065	1983	1x2m	S9/E6	20-30	bone	NA							420	frag	
12066	1983	1x2m	S9/E6	20-30	flakedstone	debitage	varied					5.5	22	frag	1 quartz crystal - 0.3g
12067	1982	1x2m	S17/E14	60-70	pottery	TizonBrown							10	frag	pottery sherds
12068	1982	1x2m	S17/E14	60-70	flakedstone	debitage	varied					42.6	65	frag	13 quartz - 6.4g
12069	1982	1x2m	S17/E14	60-70	bone	NA							514	frag	
12070	1983	1x2m	S13/E8	40-50	flakedstone	debitage	varied					63.5	98	frag	
12071	1983	1x2m	S13/E8	40-50	bone	NA							308	frag	
12072	1983	1x2m	S13/E8	40-50	pottery	TizonBrown							19	frag	pottery sherds
12073	1984	1x2m	S13/E8	40-50	flakedstone	utilizedflake		2.0	1.5	0.1			1	frag	
12074	1983	1x2m	S13/E8	40-50	flakedstone	utilizedflake	basalt	2.5	1.5	0.4			1	com	
12075	1981	1x2m	S13/E14	40-50	pottery	TizonBrown							14	frag	pottery sherds
12076	1982	1x2m	S13/E14	40-50	flakedstone	debitage	varied					38.4	39	frag	16 quartz - 24.9g
12077	1982	1x2m	S13/E14	40-50	bone	NA							49		
12078	1982	1x2m	S13/E14	50-60	flakedstone	debitage	varied					32.2	63	frag	6 quartzite - 3.2g
12079	1982	1x2m	S13/E14	50-60	pottery	TizonBrown							13	frag	potter sherds
12080	1982	1x2m	S13/E14	50-60	bone	NA							472		
12081	1984	1x2m	S13/E6	70-80	bone	NA		0.3	0.3	0.3			1	com	fish vertebra
12082	1981	1x2m	S13/E14	40-50	flakedstone	scraper	basalt	6.0	4.6	1.6			1	com	basalt cobble scraper
12083	1981	1x2m	S13/E14	40-50	groundstone	NA	other	5.5	5.0	1.7			1	frag	cobble fragment
12084	1986	1x2m	S17/E14	50-60	shell	NA						30.2	75	frag	shell and shell fragments
12085	1982	1x2m	S18/W0	70-80	shell	NA							2	com	snail shell
12086	1983	1x2m	S14/W0	50-60	flakedstone	debitage	varied					125.2	255	frag	110 basalt - 67.0g
12087	1984	1x2m	S17/E8	90-100	bone	NA		2.0	1.2	0.1			1	frag	polished bone fragment
12088	1983	1x2m	S18/W6	40-50	flakedstone	debitage		0.8	0.6	0.1			1	com	felsite micro flake
12089	1983	1x2m	S14/W0	60-70	pottery	TizonBrown	other						1		
12090	1984	1x2m	S13/E12	40-50	shell	NA	other					4.5	22	frag	5-chione 1.9g, 1 chione .4

Cat#	Year	UnitType	Unit#	Level(cm)	ArtifactCat	ArtifactType	LithicMaterial	L (cm)	W (cm)	T (cm)	D (cm)	Wt(g)	Count	Condition	Remarks
12091	1984	1x2m	S17/E4	110-120	pottery	TizonBrown	other						2	frag	pottery sherds
12092	1985	Surface	Misc Surf	surface	flakedstone	core	quartz	10.7	5.9	4.0			1	frag	"A- not on piece "
12093	1985	1x2m	surface	surface	flakedstone	core	basalt	10.1	4.3	3.8			1	frag	
12094	1985	Surface	misc surf	surface	flakedstone	core	basalt	8.4	5.5	1.9			1	frag	"A not on piece"
12095	1985	Surface	misc surf	surface	flakedstone	debitage	basalt	3.8	2.6	1.7			1		Large waste "A Not on pi
12096	1981	Surface	road cut	surface	pottery	TizonBrown	other	3.0	2.8	0.5			1	frag	20 ft west of telephone po
12097	1985	1x2m	S13/E12	40-50	groundstone	metate	granitic	12.5	9.5	6.3			1	frag	
12098	1985	1x2m	S9/E6	50-60	bone	NA	other						1563	frag	
12099	1985	1x2m	S9/E6	60-70	flakedstone	scraper	unidentified	2.9	2.9	0.7			1		
12100	1983	1x2m	S13/E10	90-100	shell	NA	other						27	frag	
12101	1985	1x2m	S9/E6	60-70	bone	NA	other	0.5	0.5	0.3			1		fish vertebra
12102	1985	1x2m	S9/E8	50-60	flakedstone	scraper	basalt	6.3	3.5	0.9			1		side scraper
12103	1982	1x2m	S18/W4	30-40	flakedstone	core	basalt	5.0	2.8	1.6			1	frag	
12104	1982	1x2m	S18/W4	30-40	flakedstone	core	basalt	4.5	3.8	3.0			1	frag	
12105	1986	1x2m	S9/E12	20-30	glass	bead	other	0.3	0.3				1		.01 + cm hole diameter
12106	1986	1x2m	S9/E6	70-80	flakedstone	chopper	basalt	10.8	6.8	6.8			1		
12107	1986	1x2m	S13/E8	70-80	shell	bead	other	1.1	0.6	0.1			1		olivella
12108	1986	1x2m	S13/E8	70-80	shell	bead	other	0.8	0.5	0.1			1		olivella
12109	1987	1x2m	S9/E12	40-50	charcoal	NA	other					9.0	9999	frag	
12110	1987	1x2m	S9/E12	40-50	pottery	TizonBrown	other						15	frag	
12111	1987	1x2m	S13/E8	80-90	charcoal	NA	other					34.1	9999	frag	
12112	1986	1x2m	S13/E8	70-80	flakedstone	debitage	varied					53.8	90	frag	33 basalt 22.1g, 4 felsite
12113	1986	1x2m	S13/E8	70-80	flakedstone	utilizedflake	basalt	0.4	0.4	0.1			1	frag	
12114	1986	1x2m	S13/E8	80-90	flakedstone	debitage	varied					53.7	76	frag	39 basalt 16.9g, 6 felsite
12115	1987	1x2m	S18/W0	50-60	bone	awl	other	2.9	0.6	0.4			1	frag	Two separate pieces matc
12116	1987	1x2m	S9/E12	40-50	flakedstone	projectilept	quartz	1.3	1.1	0.3			1		possible
12117	1987	1x2m	S13/E12	90-100	charcoal	NA	other					4.8	9999	frag	
12118	1986	1x2m	S18/W12	90-100	flakedstone	debitage	varied					5.5	21	frag	14 basalt 4.2g, 4 quartz 0.
12119	1987	1x2m	S13/E12	60-70	groundstone	mano	granitic	5.0	5.0	3.0			1	frag	
12120	1987	1x2m	S13/E12	60-70	groundstone	unidentified	quartzite	7.0	5.8	4.0			1	frag	
12121	1987	1x2m	S2/W4	40-50	bone	NA	other	2.8	1.5	0.5			1		worked round/ striated
12122	1987	1x2m	S13/E18	10-20	bone	NA	other						189	frag	non-artifactual
12123	1984	1x2m	S17/E4	110-120	flakedstone	scraper	basalt	4.6	3.0	0.2			1	com	
12124	1982	1x2m	S17/E14	30-40	flakedstone	utilizedflake	basalt	2.6	1.8	0.2			1		
72360	1985	1x2m	1	60-70	flakedstone	debitage	chalcedony	0.7	0.5	0.1			1	frag	microflake

ACCESSION	CAT #	UNIT TYPE	UNIT	LEVEL	ARTIFACT	PORTION	MATERIAL	QUAN	LENGTH	WIDTH	THICK	WEIGHT (g)
CA-SDI-17264	1	Surface	0	Surface	Mano	Frag	Granitic	1	85.5	85.2	52.5	601.9
CA-SDI-17264	2	Surface	0	Surface	Debitage	Com	Volcanic	1	0	0	0	17.4
CA-SDI-17264	3	Surface	0	Surface	Metate	Frag	Granitic	1	108	95.5	60.5	886.7
CA-SDI-17264	4	Surface	0	Surface	Mano	Frag	Granitic	1	89.4	60.8	35.5	252.4

ACCESSION	CAT #	UNIT TYPE	UNIT	LEVEL	ARTIFACT	PORTION	MATERIAL	QUAN	LENGTH	WIDTH	THICK	WEIGHT (g)
CA-SDI-17265	1	STP	2	10-20 cm	Debitage	Com	Metavolcanic	1	0	0	0	0.8

APPENDIX C

GLOSSARY OF TERMS AND TECHNOLOGICAL CATEGORY ABBREVIATIONS

GLOSSARY OF TERMS

Abrader: Friable lithic material (commonly sandstone or pumice) used to grind or abrade an edge in platform preparation for flake removal in flintknapping, or to wear-down, by friction, any bone, antler, or wood artifact.

Alternate flake: Flake that is much wider than it is long, triangular in cross-section, and produced as a result of the creation of a bifacial edge from a square or broken edge on a given piece of stone; "turning-the-edge" of a piece of stone.

Anvil: Rest or support used in bipolar as well as other lithic reduction techniques.

Arris: Ridge on the dorsal surface of a flake.

Arrow point: Barbed projectile point that functioned as a tip on an arrow propelled by a bow.

Bending fracture: Tension/compression fracture that commonly results from impact during use of projectile points, from end shock during percussion bifacial reduction, from stresses applied to support thin preforms during pressure bifacial reduction, and from trampling. Bending fractures can be distinguished from conchoidal fractures by their absence of ring cracks and bulbs of force. Bending fractures initiate at a flaw in the stone, propagate at an angle nearly perpendicular to the surface, and generally terminate in a fragile extension that curves sharply away from the propagation angle. Bending flakes are generally lipped at the initiation point and "waisted" near the proximal end. For a detailed discussion see The Formation of Flakes by Brian Cotterell and Johan Kamminga, 1987, *American Antiquity* 52(4):675-708.

Biface: Lithic material flaked on both of two faces or surfaces.

Bifacial blank: Biface made from a flake blank or core nucleus by direct free hand percussion. These blanks can be further reduced into a variety of bifacial artifacts.

Bipolar core: Core produced by placing a piece of lithic material on an anvil and striking the material with a hammerstone. Flakes may be produced from the hammerstone and/or the anvil end of the core.

Bipolar flake: Compression flake produced from the reduction of a bipolar core.

Blade: Specialized flake with parallel lateral margins, associated with a prepared core technology.

Block core: Large, angular, *stationary* raw lithic material from which flakes are removed by direct free hand percussion.

Bulb removal flake: Percussion thinning flake removed from the proximal (platform) end of the ventral surface of a flake blank. This flake removes the contact point, cone, and most of the bulb of percussion from the parent flake blank. On a complete bulb removal flake, a cone of force is present on both the ventral and dorsal flake surfaces.

Chipping station: Area on, near, or forming an archaeological site where artifacts were produced systematically by flintknapping. Chipping stations exhibit debitage from multiple synchronous events or multiple events through time.

Complete: Lithic artifact that retains technologically (stage of reduction) diagnostic attributes.

Conical flake core: Single platform flake core from which flakes are removed by percussion in a single direction. Exhausted core is cone-shaped.

Core flake blank: Large flake from which a flake core is produced.

Cortex: Outer weathered rind on lithic material or naturally occurring rind on the outside of lithic material. Cortex may be primary geological cortex (remnants of contact with formation matrix or weathered at or near its outcrop) or incipient cone cortex (water transported).

Dart point: Barbed projectile point that functioned as the tip on a dart propelled by an atlatl.

Debitage: Flakes derived as a product or byproduct of flintknapping reduction sequence or trajectory.

Detachment scar: When a flake is produced, the ventral surface of that flake is its detachment scar. Remnants of the detachment scar are used in analysis to identify artifacts manufactured from flake blanks.

Distal: Tip of a projectile point or the termination end of a flake.

Dorsal: Surface of a flake corresponding to the exterior of the artifact from which it was detached.

Early stage interior flake: Flakes with few parallel arrises and no cortex on their dorsal surfaces. Flakes from the interior of the parent stone or core. Frequently associated with flake blank production from flake cores.

Early stage bifacial thinning flake: Percussion flake removed from a biface during reduction for the purpose of increasing width-to-thickness ratio while maintaining symmetry. These flakes have few dorsal surface scars, are slightly curved in long-section, and generally have multifaceted, abraded platforms.

Early stage pressure flakes: First series of pressure flakes removed from a biface. These flakes have multiple irregular scars on their dorsal surfaces, are twisted in long-section, are small relative to percussion thinning flakes, and their platforms form an oblique angle with the long-axis of the flake. These flakes are produced as a result of regularizing the biface by pressure reduction.

Edge preparation flake: Flake removed from the edge of a flake blank or bifacial blank in order to ready margins for further reduction by changing the platform angle. Flakes are triangular in long-section and usually wider than they are long. The original detachment scar is visible on the distal end of the dorsal surface of flakes produced in edge preparation of flake blanks.

End shock: Occurrence of a bending fracture produced as a result of excessive percussion (dynamic) loading force causing flexion beyond the elastic capacity of a stone. End shock generally occurs during the late stages of bifacial thinning when shock waves from a percussion blow cause one end of the biface to snap.

Exhausted: Stone tool or artifact discarded because it is spent, used up, or worn-out.

Exhausted raw material: Piece of lithic material usually exhibiting multiple flake removal scars. This term refers to a core that has reached the end of its use-life as a result of reduction in size and/or because of checks or flaws.

Flake blank: Large flake that is intended for reduction into a bifacial blank or other tool. Unmodified flake blanks are indistinguishable from other debitage in most archaeological contexts. The identification of remnant original detachment scars in an assemblage, however, attests to the corporeality of this reduction stage.

Flake core: Lithic material that serves as a parent piece for flake removal. Flake cores may include conical cores, bifacial cores, and multidirectional cores.

Flake tool: Flake with polished or dulled edge resulting from use (not to be confused with platform preparation).

Float: Geological context of some obsidian source areas. The product of weathering of rhyolitic volcanic domes in which nodules of resistant obsidian are left on the surface (See *Obsidian Studies in Oregon* by Craig E. Skinner, University of Oregon MA thesis, 1983). The cortex formed on obsidian float nodules has a wrinkled, vesicular, or pitted appearance.

Fragment: Lithic artifact that is a portion of the original or functioning artifact. Fragments may be identifiable as to technological category if diagnostic attributes are still present.

Interior flake: Flakes that do not possess cortex on their dorsal surfaces. Flakes from the interior of the parent stone or core.

Lanceolate point: Barbless projectile point that functioned as the tip on a thrusting spear.

Late stage interior flake: Flakes with numerous parallel arrises and no cortex on their dorsal surfaces. Flakes from the interior of the parent stone or core. Last flakes removed from a artifact before bifacial thinning begins.

Late stage bifacial thinning flake: Flakes produced during the final stages of percussion biface reduction for the purpose of increasing width-to-thickness ratio. These flakes have numerous scars on their dorsal surfaces, are almost flat in long-section, usually exhibit feather termination, and have multifaceted platforms.

Late stage pressure flake: Flakes produced during the final pressure flaking episodes. They are small, parallel-sided, have one dorsal arris, are slightly twisted in long-section, and have multifaceted, abraded platforms.

Margin removal flake: Semicircular fragment of a bifacial edge produced as a result of a bending fracture, commonly a mistake caused when the knapper strikes a thin or weak margin of a biface.

Medial: Artifact mid-section. Artifact missing its proximal and distal ends.

Multifacet platform: Flake platform exhibiting more than one flake scar.

Natural platform: Flake platform covered with cortex.

Notch flake: Pressure flake whose platform is situated in a depression and is fan-shaped in plan-view. Flakes produced as a result of creating a notch.

Outre passé flake: Overpass or overshot flake. Flake with plunging termination on the margin opposite its initiation, usually on a biface or blade core.

Perverse fracture: Helical, spiral or twisted break initiated at the margin of a biface. This is a production error caused by inappropriate striking angle or excessive force loaded by percussion flaking into the margin.

Platform preparation: Alteration performed to ready a margin for the removal of flakes. This alteration is frequently achieved through abrasion or small flake removals along an edge or margin.

Potlid: Flake produced by heat-induced differential expansion as opposed to the flintknapping process. The flake has a flat dorsal surface and a convex ventral surface and is shaped somewhat like the inverted lid of a pot.

Preform: Unfinished artifact made from a blank. For analytical purposes, preforms are separated from blanks on the basis of the presence of pressure flaking scars.

Primary decortication: Removal of cortex from a piece of lithic material as the result of raw material testing and initial core reduction. These flakes have cortex over their entire dorsal surface.

Primary reduction: First stage of preparing lithic materials for reduction. Selection of raw material, core preparation, core reduction, and flake blank production are flintknapping activities considered to be primary reduction activities, debitage, and/or products.

Proximal: Haft element end of a projectile point or platform end of a flake.

Quarry blank: Any piece of lithic raw material transported from a quarry intended for future reduction.

Reduction technology: All of the techniques and strategies of a given flaked stone tool manufacturing and maintenance system.

Rejected: Formed artifact eliminated from the manufacturing or use-life trajectory prior to exhaustion because of some flaw or manufacturing error.

Rejuvenation: Reworking of unusable (worn or broken) artifacts into functional artifacts.

Retooling: Rejuvenation and recycling of lithic artifacts. Stone tool and general hunting equipment maintenance. Evidence of this activity may be present in the debitage as well as in the exhausted and discarded formed artifacts.

Secondary decortication: Latter stages of cortex removal from a piece of lithic material. Secondary decortication flakes have some cortex on their dorsal surfaces.

Secondary reduction: Production of functional tools from blanks and preforms.

Segregated reduction location (SRL): Area on, near, or forming an archaeological site where a knapper or knappers produced artifacts by flintknapping. An SRL exhibits debitage from a single flintknapping event.

Shatter: Cubical or irregularly shaped pieces of lithic material lacking the attributes of conchoidal fracture. Frequently associated with bipolar reduction.

Single facet platform: Platforms exhibiting a remnant of only one flake scar.

Tertiary reduction: All activities associated with the rejuvenation and retooling of formed artifacts.

Tested raw material: Lithic material tested for quality by flake removal.

Trajectory: Path within a model of a lithic reduction system that defines technological activities associated with stone tool manufacture and use while in systemic context: from selection of raw lithic material to deposition into archaeological context.

Unaltered raw material: Large, usable, and flakeable, but unaltered by knapping (not flaked), raw lithic material occurring in an archaeological context at an archaeological site.

Unifacial tool: Stone tool worked on one face or surface only.

Ventral: Surface of a flake corresponding to the interior of the artifact from which it was detached (exhibits attributes of fracture).

Workshop: Area on, near, or forming an archaeological site where lithic materials have been repeatedly and systematically reduced over an extended period of time by numerous flintknappers. Workshops are frequently associated with sites occupied for long durations and/or lithic source locations exploited extensively through time.

APPENDIX B: TECHNOLOGICAL CATEGORY ABBREVIATIONS

FORMED ARTIFACT CATEGORY ABBREVIATIONS

(1) RM-Unalt:	Unaltered raw material
(2) RM-Test:	Tested raw material
(3) FC-NP:	Natural/cortical platform flake core
(4) FC-SF:	Single facet platform flake core
(5) FC-MF:	Multifacet platform flake core
(6) FC-MD:	Multidirectional/multiplatform flake core
(7) FC-BP:	Bipolar core
(8) FC-Exh:	Exhausted flake core
(11) B-CompDS:	Complete blank with detachment scar
(12) B-FragDS:	Blank fragment with detachment scar
(13) B-CompBT:	Complete blank made from a bifacial thinning flake
(14) B-FragBT:	Fragment of blank made from a bifacial thinning flake
(15) B-Comp:	Complete blank
(16) B-Frag:	Blank fragment
(21) P-CompDS:	Complete preform with detachment scar
(22) P-FragDS:	Preform fragment with detachment scar
(23) P-CompBT:	Complete preform made from a bifacial thinning flake
(24) P-FragBT:	Fragment of a preform made from a bifacial thinning flake
(25) P-Comp:	Complete preform
(26) P-Frag:	Preform fragment
(31) LP-Comp:	Complete lanceolate point
(33) LP-CompExh:	Complete exhausted lanceolate point
(34) LP-Prox:	Proximal fragment of a lanceolate point
(35) LP-Med:	Medial fragment of a lanceolate point
(36) LP-Dist:	Distal fragment of a lanceolate point
(41) DP-Comp:	Complete dart point
(43) DP-CompExh:	Complete exhausted dart point
(44) DP-Prox:	Proximal fragment of a dart point
(45) DP-Med:	Medial fragment of a dart point
(46) DP-Dist:	Distal fragment of a dart point
(51) AP-Comp:	Complete arrow point
(53) AP-CompExh:	Complete exhausted arrow point
(54) AP-Prox:	Proximal fragment of an arrow point
(55) AP-Med:	Medial fragment of an arrow point
(56) AP-Dist:	Distal fragment of an arrow point
(61) UF-Comp:	Complete unifacial tool
(62) UF-Frag:	Fragment of a unifacial tool
(71) FT:	Flake tool
(72) Perf:	Perforator
(96) Point-Dist:	Distal fragment of a projectile point
(97) Point-Med:	Medial fragment of a projectile point
(98) UBF-Perc:	Undiagnostic biface fragment with percussion flake scars
(99) UBF-Pres:	Undiagnostic biface fragment with pressure flake scars

FORMED ARTIFACTS, Continued

(1001) AF:	Anvil, flat top
(1002) AP:	Anvil, pitted top
(1003) AS:	Arrow shaft straightener/arrow shaft straightener fragment
(1004) ST:	Steatite artifact/steatite artifact fragment
(1005) TP:	Tarring pebble
(1010) GS:	Ground stone/ground stone fragment
(1011) M:	Mano/mano fragment
(1012) MH:	Mano/hammerstone
(1013) MHA:	Mano/hammerstone/anvil
(1014) ME:	Metate/metate fragment
(1015) P:	Pestle/pestle fragment
(1016) SB:	Stone bowl/stone bowl fragment
(1020) HS:	Hammerstone/hammerstone fragment
(1021) BI:	Battered implement/battered implement fragment
(1022) BT:	Bifacial tool/bifacial tool fragment
(1023) AB:	Abrader/abrader fragment

BIFACE DEBITAGE CATEGORY ABBREVIATIONS

Stage 2: Edge Preparation Debitage

200.B+:	Bifacial thinning flake with dorsal bulb remnant from parent flake
201.A-:	Bifacial thinning flake with the characteristics of an alternate flake
202.A+:	Bifacial thinning flake with the characteristics of an alternate flake
and	remnant detachment scar
203.E-:	Bifacial thinning flake with the characteristics of an edge preparation
flake	
204.E+:	Bifacial thinning flake with the characteristics of an edge preparation flake and remnant detachment scar

Stage 3: Percussion Bifacial Thinning Debitage

300.M-:	Bifacial thinning flake with the characteristics of a margin removal
flake	
301.M+:	Bifacial thinning flake with the characteristics of a margin removal
flake and	remnant detachment scar
302.E-:	Early percussion bifacial thinning flake
303.E+:	Early percussion bifacial thinning flake with remnant detachment scar
304.L-:	Late percussion bifacial thinning flake
305.L+:	Late percussion bifacial thinning flake with remnant detachment scar

Stage 4: Pressure Bifacial Thinning Debitage

400.E-:	Early pressure bifacial reduction flake
401.E+:	Early pressure bifacial reduction flake with remnant detachment scar
402.L-:	Late pressure bifacial reduction flake
403.L+:	Late pressure bifacial reduction flake with remnant detachment scar
404.N-:	Notch flake from a bifacial preform (usually for a projectile point)
405.N+:	Notch flake from a bifacial preform (usually for a projectile point)
with	remnant detachment scar
406.AC:	Early pressure bifacial reduction alternate flake with cortex removed from tabular material
407.SP:	Early pressure bifacial reduction secondary decortication flake with primary geological cortex removed from tabular material
408.ET:	Early pressure bifacial reduction flake removed from tabular material
409.LT:	Late pressure bifacial reduction flake removed from tabular material

APPENDIX D

SHOVEL TEST PIT (STP) AND UNIT LEVEL RECORD FORMS

SHOVEL TEST PIT DATA SHEET

PROJECT: Marma Mtns

SITE: SDI- 4558

CREW: L.Tift, M.Guarino, C.Lucas

STP: #1

COORD: "30w"

DATE: 1-30-04

VEGETATION: mixed non-native & native regrowth

SOILS

brown/graybrown silty loam
light compaction

heavy rodent disturbance - especially in upper ~30cm

no appreciable change ↓

CULTURAL MATERIAL

Ø
Ø
Ø
Ø
Ø
Ø

10 – 20 – 30 – 40 – 50 – 60 – 70 – 80 – 90 – 100 cm

ENDED AT 60 CM DUE TO stability

DISTURBANCE: rodents, possibly some scraping on surface (mounded dirt adj. cont)

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI-4558
CREW: L. Piek, R. Andrews

STP: 2
COORD: 8 West 50 North
DATE: 1- -04

VEGETATION: Pepper tree, Coast Live Oak

SOILS			CULTURAL MATERIAL
silty loam with decomposing granite moderate compaction	10	10	none
silty loam with DG moderate compaction	20	20	none
silty loam with DG moderate compaction	30	30	none
silty loam with DG high compaction	40	40	none
	50	50	
	60	60	
	70	70	
	80	80	
	90	90	
	100 cm	100	

ENDED AT 40 CM DUE TO _____

DISTURBANCE: modern trash

NOTES:
0-10 cm was plastic piece and a chunk of asphalt, 20-30 cm there was another piece of blue plastic, and 30-40 cm there was a modern nail, and one small orange rock nodule.

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Morrison Mtn.

SITE: SDI-4558

CREW: L. Tift, M. Greenwood, C. Lucas

VEGETATION: low non-native grnd. cover

STP: # 3

COORD:

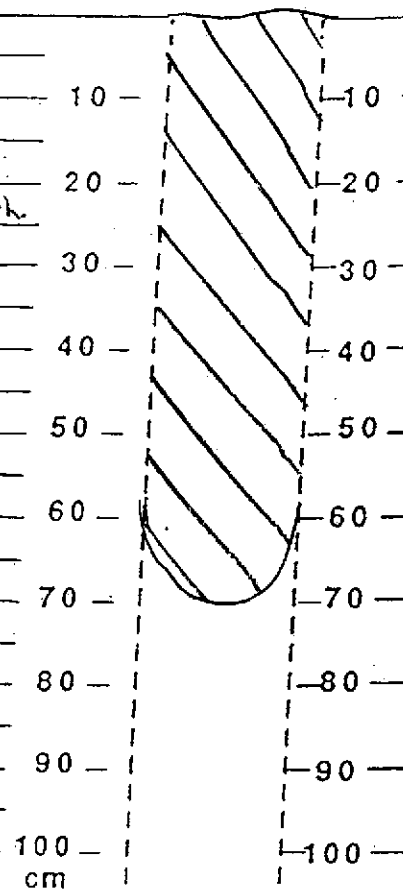
DATE: 1-30-04

SOILS

brown sandy loam

light compaction

increasing compaction & gravelyness w/ depth



CULTURAL MATERIAL

Debitage: 2pc. (one is lrg. ang. wst)

Debitage: 1 pc. (quartz)

ENDED AT 70 CM DUE TO depth, steinhouse levels

DISTURBANCE: rodents, possibly some surface scraping

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI- 4558
CREW: L. Pick, R. Anderson

STP: # 4
COORD: 8 West 40 North
DATE: 1-30-04

VEGETATION: Peppertree, Coast Live Oak,

SOILS		CULTURAL MATERIAL
silty loam with small amount of DG		none
moderate compaction	10	
silty loam with some decomposing granite		none
moderate compaction	20	
silty loam w/ DG		possible flake fragment
moderate compaction	30	
silty loam w/ DG		none
moderate compaction	40	
silty loam w/ DG		none
moderate/high compaction	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 50 CM DUE TO DG context

DISTURBANCE: PVC fragments with some asphalt throughout 0-30 cm

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Meramec Mtns

SITE: SDI-4558

CREW: L. Tilo, M. Guzman, C. Lucas

VEGETATION: non-native grasses, etc.

STP: #5

COORD: (10W)

DATE: 1-30-04

SOILS		CULTURAL MATERIAL
brown sandy loam w/ gravel		Ø
	10	Debitage: 1 quartz (marginal)
	20	Ø
	30	Ø
	40	Ø
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 50 CM DUE TO depth, rocks, stainless levels

DISTURBANCE: rodents, other?

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI - 4558
CREW: L. Piek, R. Anderson

STP: # 6
COORD: 8 West 30 North
DATE: 1-30-04

VEGETATION: Coast Live Oak

SOILS		CULTURAL MATERIAL
silty sand loam loose/moderate compaction	10	none
silty sand loam loose/moderate compaction	20	none
silty sand loam loose/moderate	30	none
silty sand loam loose/moderate	40	none
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO _____

DISTURBANCE: plastic wrapping at 0-20 cm, at 20-30 cm STP is bisected by 1 1/2" metal pipe

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merrimac Mtns

SITE: SD1-4558

CREW: L. Tuft, M. Garner, C. Lucas

VEGETATION: non-native grass

STP: # 7

COORD: (Ø W)

DATE: 1-30-04

SOILS		CULTURAL MATERIAL
brown sandy loam w/ gravel		Ø
some large rocks at depth	10	Debitage: 1 pc. (retouched?)
moderate compaction	20	Debitage: 1 pc.
	30	Bone: 1 pc.
		Debitage: 1 pc.
	40	(also 1 poss. quartz shatter)
		Ø
	50	(one ugly possible quartz shatter)
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 60 CM DUE TO depth.

DISTURBANCE: immed. adjacent to West house mill

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI - 4558
CREW: L. Piek, R. Anderson

STP: #8
COORD: 8 West 20 North
DATE: 1-30-04

VEGETATION: Coast Live Oak

SOILS		CULTURAL MATERIAL
silty sand loam loose compaction	10	none
silty sand loam loose compaction	20	none
silty sand loam loose compaction	30	possible quartz debitage
silty sand loam loose compaction	40	none
silty sand loam loose/moderate compaction	50	none
	60	
	70	
	80	
	90	
	100 cm	

metal pipe

ENDED AT 50 CM DUE TO sterile levels

DISTURBANCE: 3/4" Metal pipe bisecting STP at 30-40 cm, 0-10 cm six pieces of modern glass

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merrimac Mtns

SITE: SDI- 4558

CREW: L. Fitz, M Gurrans, G. Lucas

VEGETATION: non-native grass, weeds, etc.

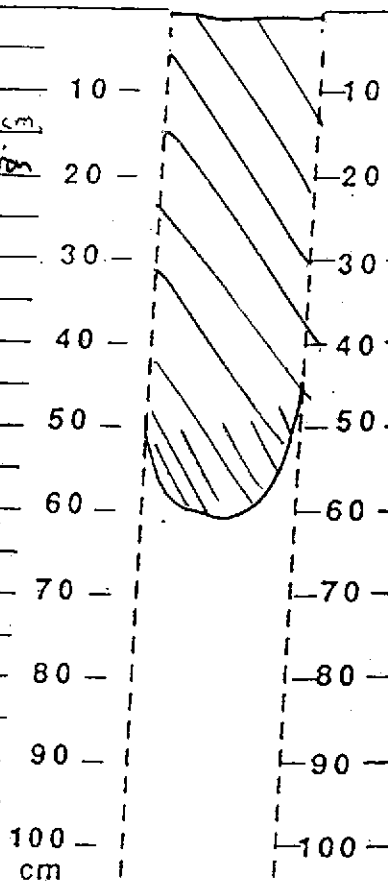
STP: #9

COORD:

DATE: 1-30-04

SOILS

brown sandy loam, moderate compaction, gravelly, lots of organic matter in upper ~20cm, increasing gravel & compaction w/ depth



CULTURAL MATERIAL

Ø

Debitage: 2pc.

Debitage: 1pc.

Debitage: 4pc. (incl. 1 lrg. poss.)

Debitage: 1pc

Debitage: 1pc.

Bone: a couple sml. frags. (-burned*)

ENDED AT 60 CM DUE TO depth

DISTURBANCE:

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI-4558
CREW: L. Piek, R. Anderson
VEGETATION:

STP: # 10
COORD: 8 West 10 North
DATE: 1-30-04

SOILS		CULTURAL MATERIAL
silty sand loam loose compaction	10	none
silty sand loam loose compaction	20	none
silty sand loam loose compaction	30	none
silty sand loam loose/moderate compaction	40	none
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO Sterile levels

DISTURBANCE: one piece of modern glass on 0-10 cm

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merrum Mtn.
SITE: SDI-
CREW:
VEGETATION:

STP: # 11
COORD:
DATE: 1-30-04

SOILS

Sandy loam brown / dark brown gravelly.

Increasing compaction w/depth (except for rodent burrows at depth)

CULTURAL MATERIAL

Ø

Debitage: 2 pc.
* BIFACE: 1 qtz Bone: 1 pc.
Debitage: 3 pc.

Ø

Ø

10 20 30 40 50 60 70 80 90 100 cm

ENDED AT 50 CM DUE TO stony layers, compaction

DISTURBANCE: rodents, other?

NOTES:

FORMS/STP.XLS

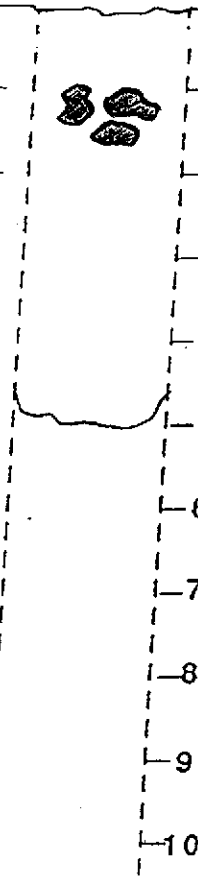
SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI - 4558
CREW: L. Piek, R. Anderson

STP: #12
COORD: 8 West Ø North
DATE: 1-30-04

VEGETATION: Coast Live Oak

SOILS		CULTURAL MATERIAL
silty sand loam loose compaction	10	none
silty sand loam moderate compaction	20	none
silty sand loam loose compaction	30	two possible debitage piece
silty sand loam loose compaction	40	none
silty sand loam with DG moderate compaction	50	two bone fragments, one unknown fragment
	60	
	70	
	80	
	90	
	100 cm	



ENDED AT 50 CM DUE TO subsurface soil change

DISTURBANCE: 10-20 cm had a piece of modern tierracota and asphalt

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mtn
SITE: SDI-4558
CREW:

VEGETATION:

STP: 13
COORD:
DATE: 1-30-04

SOILS

SANDY LOAM / BROWN

Increasing Compaction w/ Depth

CULTURAL MATERIAL

10 — 20 — 30 — 40 — 50 — 60 — 70 — 80 — 90 — 100 — cm

10 Ø
Ø
20 DEBITAGE: 1 pc
30 DEBITAGE: 1 pc
40 DEBITAGE: 2 pc
50
Ø
60
70
80
90
100

ENDED AT 60 CM DUE TO Sterile level

DISTURBANCE: RODENT

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: MERRIAM
SITE: CA-SDI-4558
CREW: K. Hovland
R. Anderson
VEGETATION: NON-NATIVE GRASS

STP: 14
COORD:
DATE: 2/2/04

SOILS		CULTURAL MATERIAL
Silty loam w/ grass →	10 cm	1 Debitage
Silty loam brown	20 cm	1 Debitage
	30 cm	3 Debitage
	40 cm	5 Debitage
	50 cm	1 Debitage
	60 cm	2 Debitage
	70 cm	1 Debitage
	80 cm	0
	90 cm	
	100 cm	

ENDED AT 80 CM DUE TO Sterility

DISTURBANCE: Rodent

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI-4558
CREW: L. Piek, C. Lucas

STP: #15
COORD:
DATE: 2-2-04

VEGETATION: Coast Live Oak

SOILS		CULTURAL MATERIAL
silty sand loam loose compaction	10	none
silty sand loam loose compaction	20	none
silty sand loam loose compaction	30	none
silty sand loam loose compaction	40	one flake fragment
silty sand loam loose compaction	50	none
silty sand moderate compaction	60	two pieces of debitage
silty sand with DG moderate/high compaction	70	none
	80	
	90	
	100 cm	

ENDED AT 70 CM DUE TO sterile level

DISTURBANCE: none

NOTES:

FORMS/STP.XLS

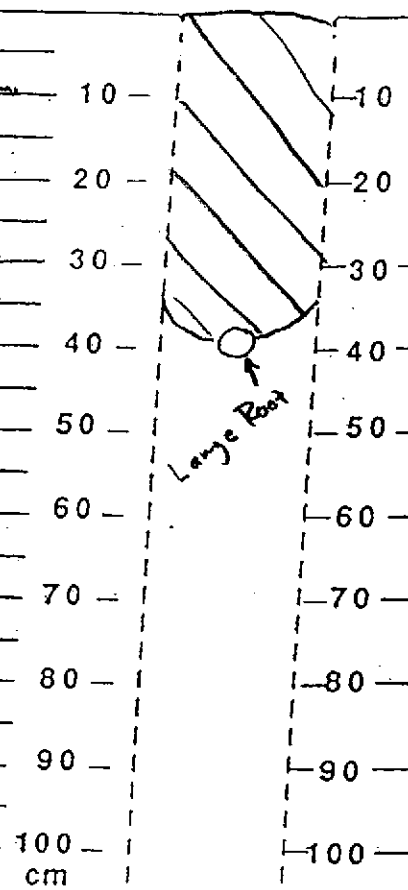
SHOVEL TEST PIT DATA SHEET

PROJECT: Marvin Mtns
SITE: SDI-4558
CREW: L. Tift, M. Gammo, C. Lucas
VEGETATION:

STP: # 16
COORD:
DATE: 2-2-04

SOILS

brown sandy loam
light to moderate compaction
increasing w/ depth
gravelly



CULTURAL MATERIAL

Debitage: 1 pc.
Bone: 2 pc.
Bone: 1 pc
unident.: (2 pc stone collected)
Debitage: 2 pc.
Bone: 2 pc. Poss. Mano: 1 ?

ENDED AT 40 CM DUE TO Large Root in center of STP

DISTURBANCE: rodents; STP is ~ 2.5 m from house foundation

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI-4558
CREW: L. Piek, R. Anderson

STP: #17
COORD:
DATE: 2/2/04

VEGETATION: Coast Live Oak

SOILS			CULTURAL MATERIAL
		grass	
Silty Loam w/grass Loose compaction	10	10	Ø
Silty Loam / Loose	20	20	Ø
Silty Loam / Loose compaction	30	30	Bone: 2 pieces Debitage: 1 pc. Bone: 1 pc.
Silty Loam / Loose Compaction	40	40	Bone: 1 pc.
Silty Loam / Moderate Compaction	50	50	Debitage: 4 pc. Debitage: 2 pc.
Moderate Compaction Silty Loam, some gravel	60	60	
Moderate-High Compaction Silty Loam, some gravel	70	70	Ø
	80	80	
	90	90	
	100 cm	100	

ENDED AT 70 CM DUE TO Sterile level

DISTURBANCE: Some Rodent Disturbance in 10-20 cm level

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Mann Mtn

SITE: SDI-4558

CREW: L.T.[illegible], M.Gunnar, C.Lucas

STP: #18

COORD:

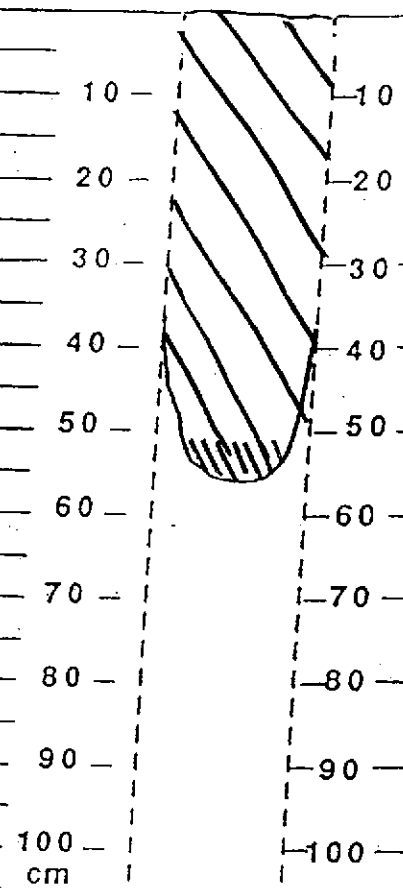
DATE: 2-2-04

VEGETATION: non-native grass (heavy oak duff on surface)

SOILS

brown sandy loam w/ gravel

gravelyer & more compact w/ depth



CULTURAL MATERIAL

Debitage: 2 pc.

Debitage: 2 pc

Ø

Ø

Debitage: 1 pc.

Ø

ENDED AT 55 CM DUE TO depth / compaction / vertical contamination

DISTURBANCE: rodents, other?

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mtn.
SITE: SD1-41558
CREW: L. Pick, R. Anderson

STP: 19
COORD:
DATE: 2/2/04

VEGETATION: Coast Live Oak

SOILS		CULTURAL MATERIAL
silty sand loam loose compaction	10	Debitage: 2 pc.
Silty sand loam loose compaction	20	none
Silty sand loam, loose compaction	30	∅
Silty sand loam loose - moderate compaction	40	Debitage: 3 pc.
Silty sand loam Moderate - High Compaction	50	∅
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 50 CM DUE TO Sterile level

DISTURBANCE: 0-10 cm had pieces of clear plastic,

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merrow Mtn.
SITE:
CREW: L. Tift, C. Lucas
VEGETATION: non-native grass

STP: # 20
COORD:
DATE: 2-2-04

SOILS

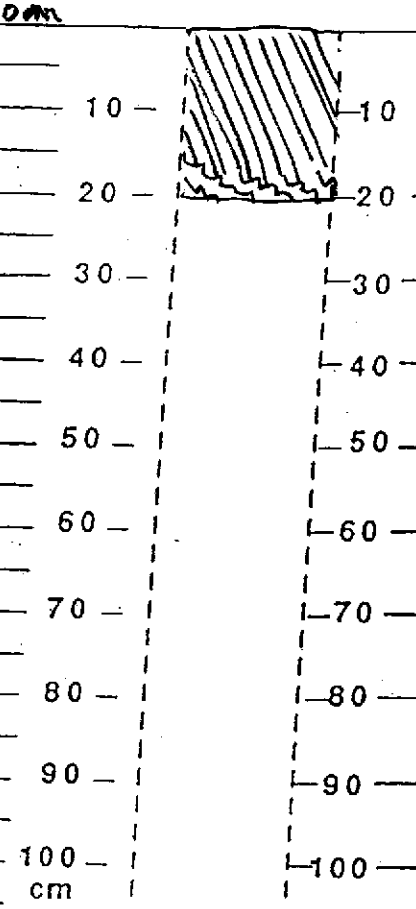
Very compact sandy gravelly loam to approx 15 to 18 cm

extremely compact gravelly

CULTURAL MATERIAL

Ø

Ø



ENDED AT 20 CM DUE TO extreme compaction, stability

DISTURBANCE: possibly major disturbance at this location (edge of pond rd.)

NOTES:

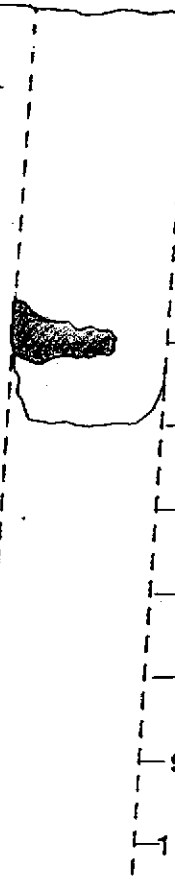
FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI-4558
CREW: L. Piek, C. Lucas, M. Mojardo, R. Anderson, M. Guerrero
VEGETATION: Coast Live Oak

STP: #21
COORD:
DATE: 2-2-04

SOILS		CULTURAL MATERIAL
silty sand loam loose compaction	10	none
silty sand loam loose compaction	20	one piece of debitage
silty sand loam loose compaction	30	one piece of debitage
silty sand loam moderate compaction	40	none
silty sand with decomposing granite moderate compaction	50	none
	60	
	70	
	80	
	90	
	100 cm	



ENDED AT 50 CM DUE TO sterile level

DISTURBANCE: none that was noticed

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Mor. mtns
SITE: CA-301-4558
CREW: Guerrero, Lucas, Mojado

STP: #22
COORD:
DATE: 8-2-09

VEGETATION: Non-native Grass

SOILS		CULTURAL MATERIAL
fill soil light brown sandy loam	10	Ø
"	20	Ø
"	30	Ø
"	40	Ø
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO Sterile, fill soil

DISTURBANCE: This are has been filled w/non-native soil, Gopher

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mtns.
SITE: Sti - 4558
CREW: Guerrero + Lucas

STP: #23
COORD:
DATE: 2-2-04

VEGETATION: non-native grasses

SOILS		CULTURAL MATERIAL
silty brown loam	10	10 / poss. mano frag.
silty brown loam	20	20 / Ø
silty brown loam	30	30 / 4 debitage
silty brown loam	40	40 / 4 debitage
silty brown loam w/ patches of decomposed granite	50	50 / 3 debitage
"	60 (64cm)	60 / Ø
	70	70
	80	80
	90	90
	100 cm	100

ENDED AT 64 CM DUE TO roots

DISTURBANCE:

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: SDI-4558
CREW: M. Mojado, L. Piek

STP: 24
COORD:
DATE: 2-2-04

VEGETATION: Coast Live Oak

SOILS		CULTURAL MATERIAL
silty sand loam loose compaction	10	one piece of debitage
silty sand loam loose compaction	20	one piece of debitage
silty sand loam loose compaction	30	four pieces of debitage
silty sand loam moderate compaction	40	one possible flake
silty sand loam moderate compaction	50	none
	60	
	70	
	80	
	90	
	100 cm	

root

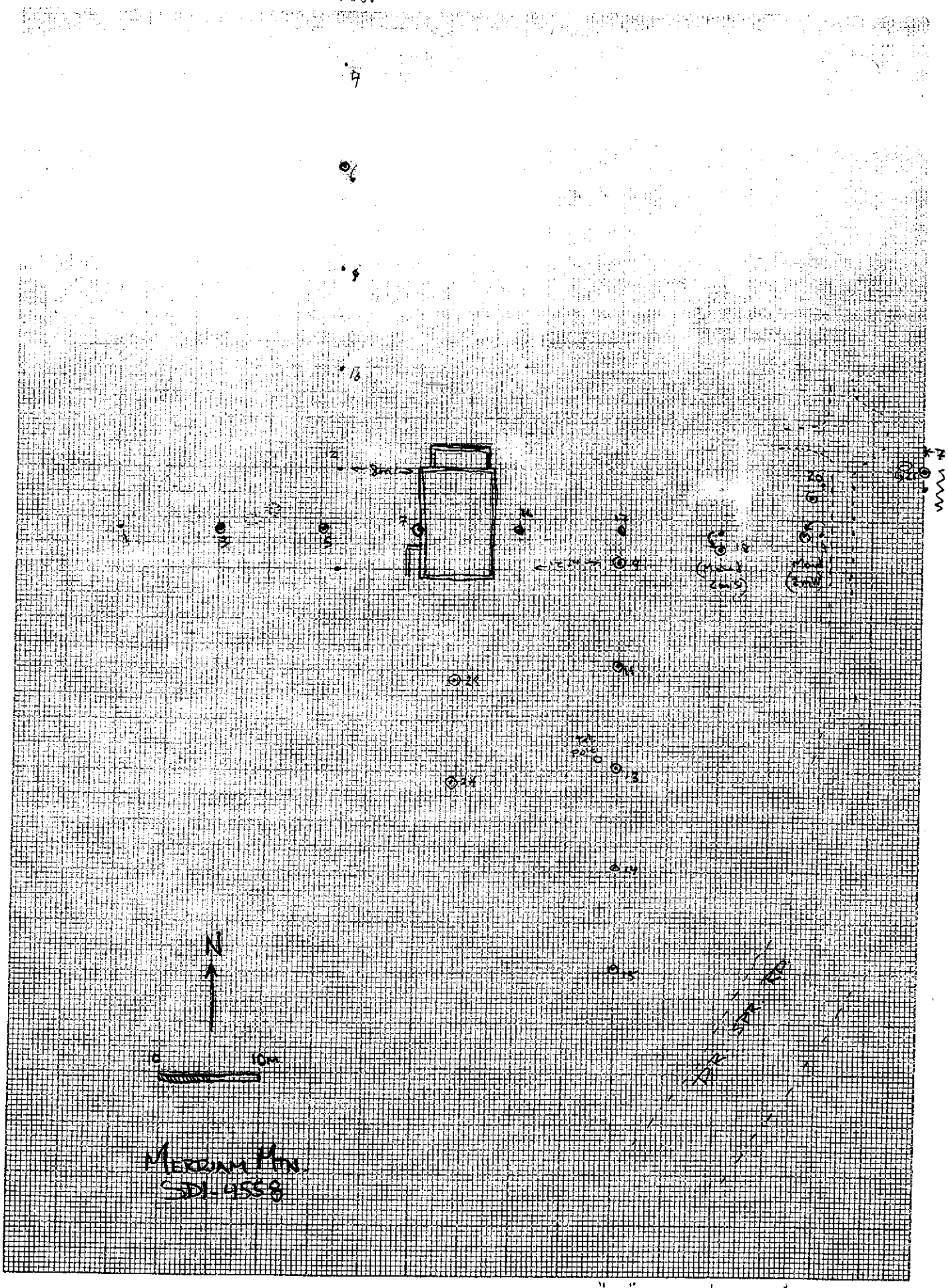
ENDED AT 60 CM DUE TO root and a sterile level

DISTURBANCE: root

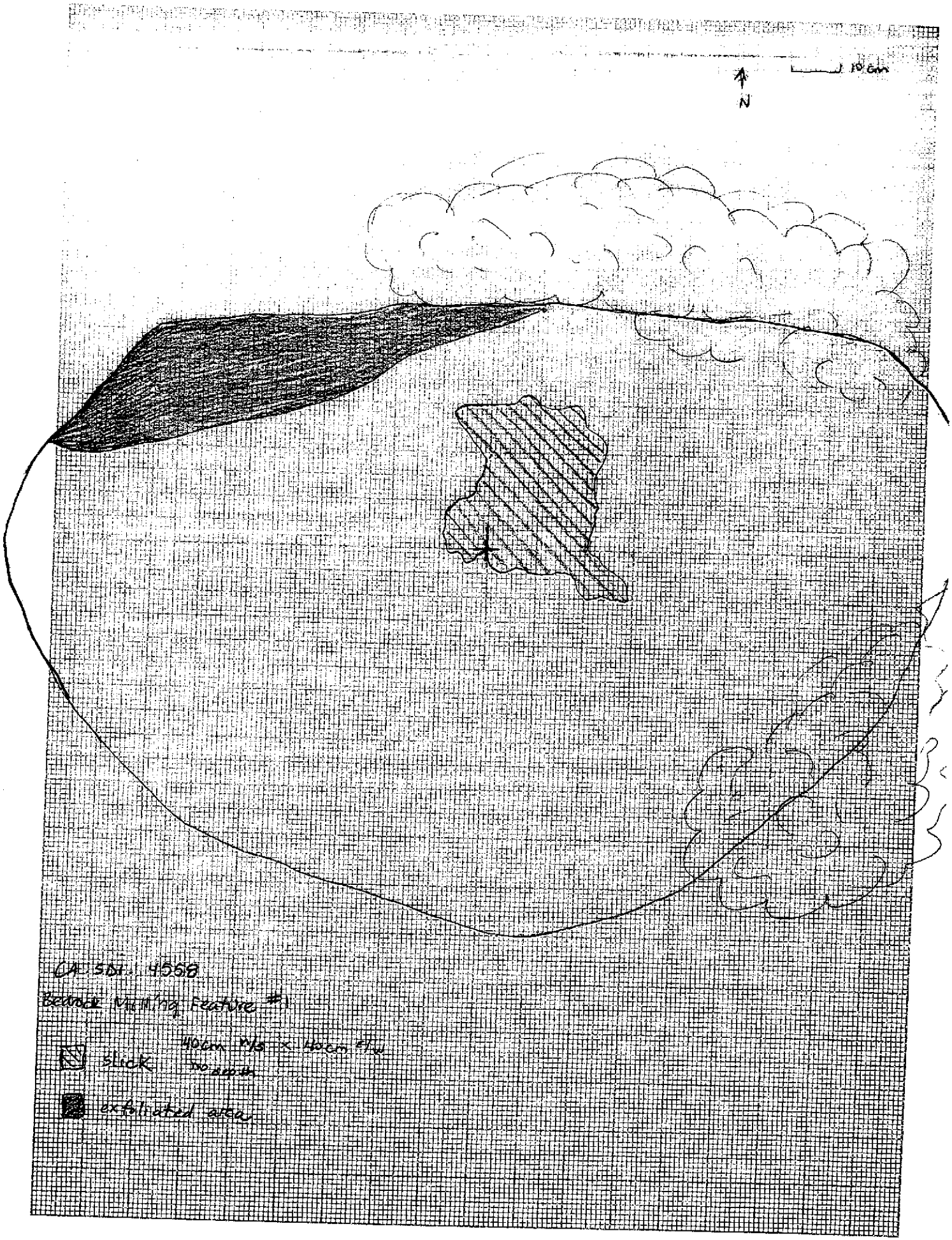
NOTES:

FORMS/STP.XLS

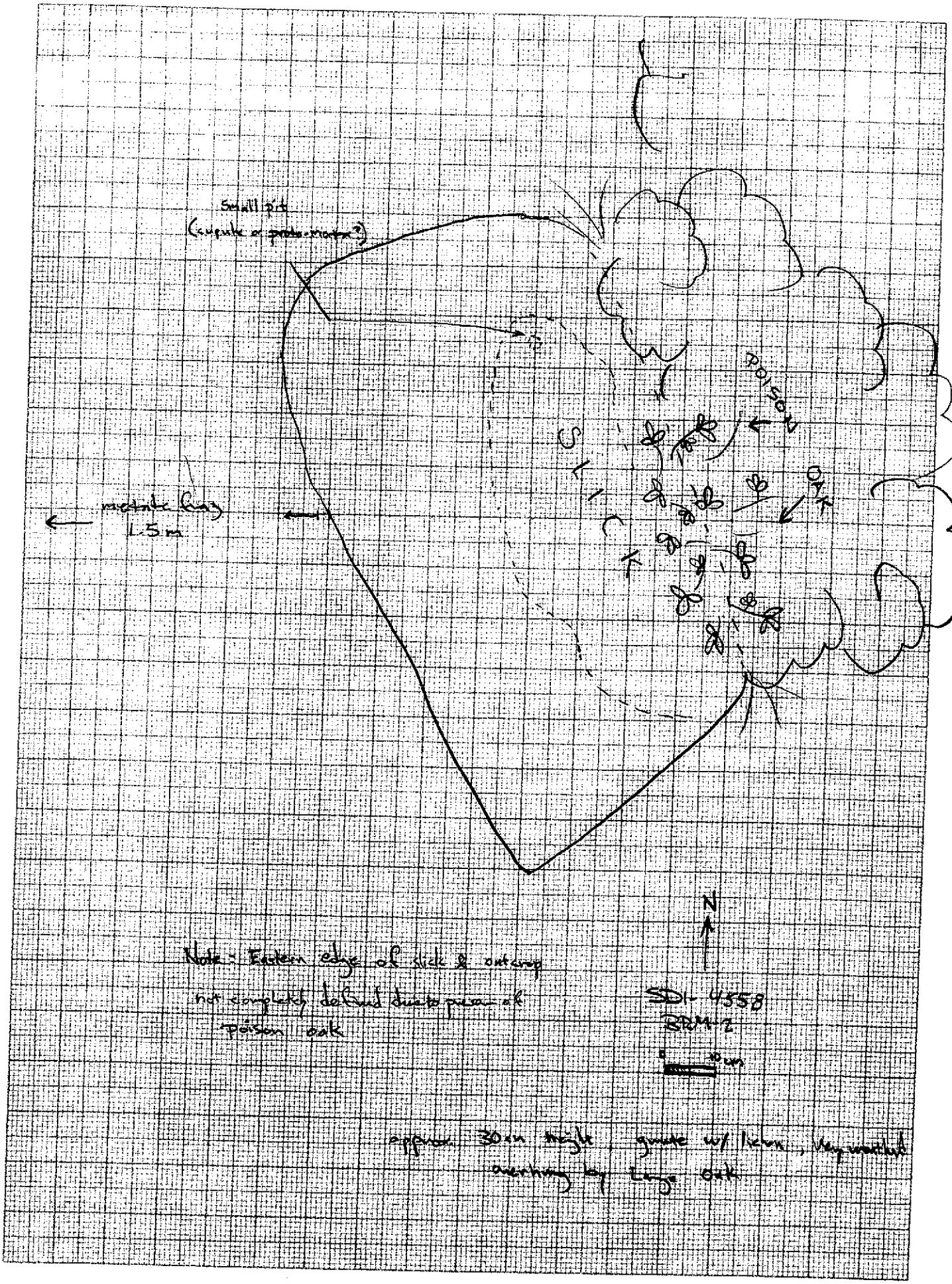
Made in USA



Note: "E/W" House wall is actually 80°/260°



10 Millimeters to the Centimeter

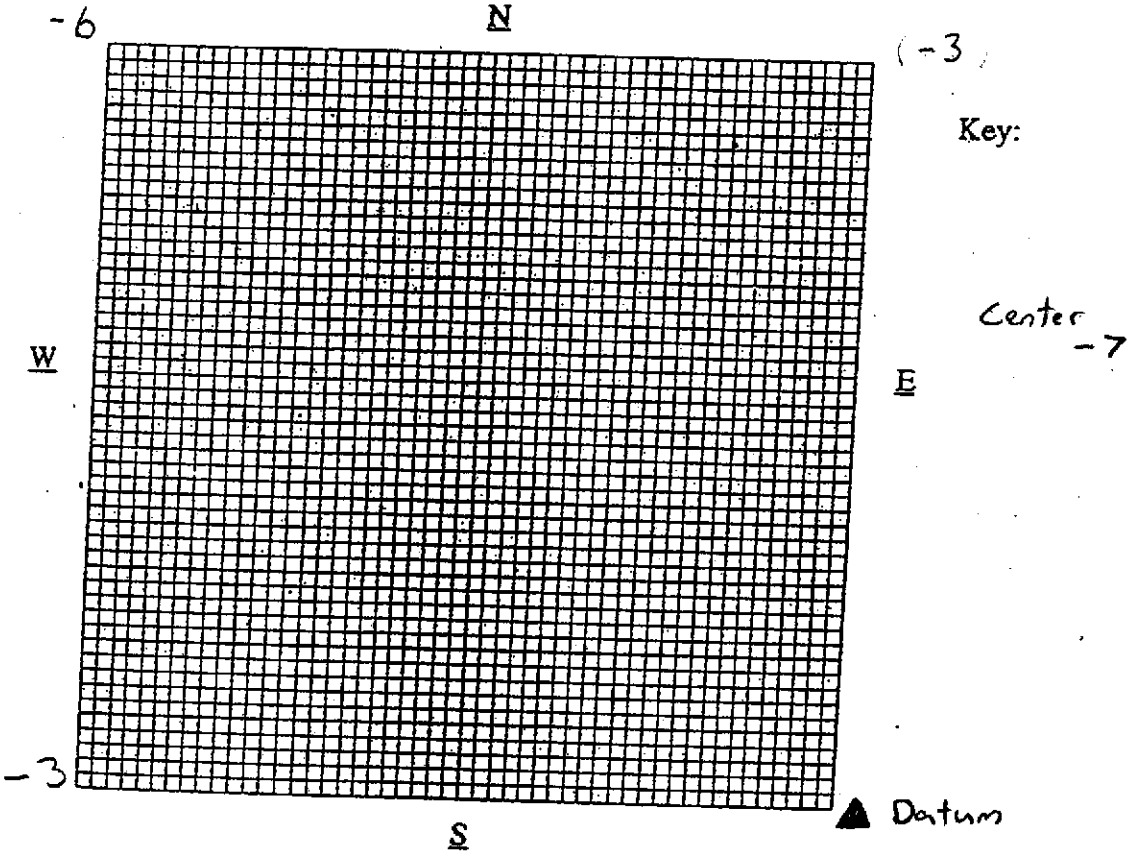

Small pit
(cupule or proto-mortar?)
metate frag
1.5 m
SLICK
POISON
OAK
N
Note: Eastern edge of slick & outcrop
not completely defined due to presence of
poison oak
SDI-4558
BRM-2
0
10 cm
approx. 30 cm height, granite w/ lichen, very weathered
overhung by Large oak

Gallegos & Associates

Unit Level Record

Site: SDI-9253
Unit: #1
Depth: 0-10 cm
Tools: Square-headed shovel
Methods: X Arbitrary 10 cm; ____ Natural. Other: ____

Date: 12-15-04
Screen Size: 1/8 ; ___ wet X dry.
Excavators: Larry Tift, Karen Haviland, Lucas Piek, Nick Doose



Artifacts: none

Ecofacts: none

Disturbance: rodent disturbance

Soil: Type: sandy loam Texture: moderate compaction
Color: dark brown

Comments: ____

Photos: ___ Yes, ___ No. Roll/Exp.: ____

Gallegos & Associates

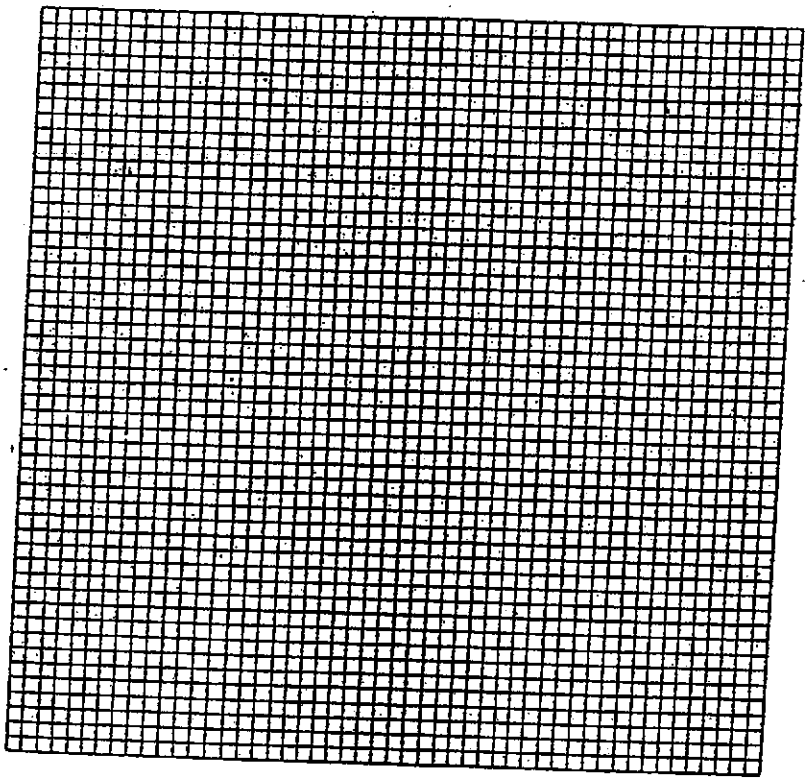
Unit Level Record

Site: SDI-9253
Unit: 1
Depth: 10-20 cm
Tools: Shovel, trowel
Methods: X Arbitrary 10 cm; ____ Natural. Other: _____

Date: 12-15-04
Screen Size: 1/8"; ___ wet X dry.
Excavators: N. Doose, K. Hovland, L. Tift, L. Piek

N

W



E

S

Key:

Artifacts: DEBITAGE: 2 (metavolcanic)

Ecofacts: Ø

Disturbance: Rodent

Soil: Type: Sandy Loam Texture: Mod. compaction
Color: Dark brown

Comments: _____

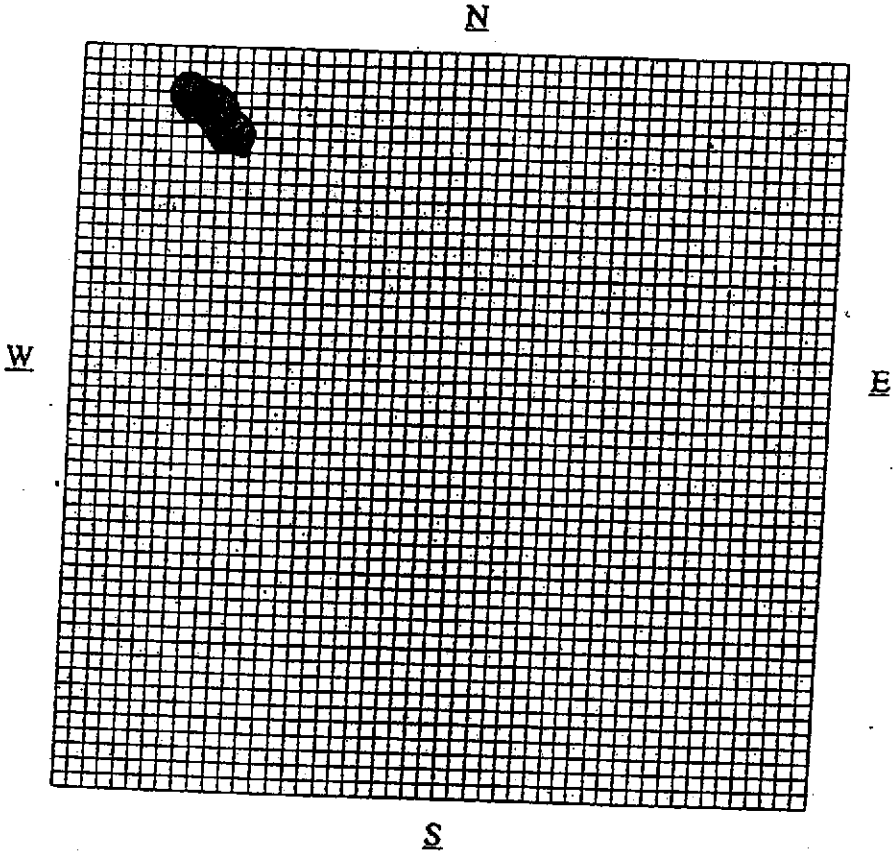
Photos: ___ Yes, X No. Roll/Exp.: _____

Gallegos & Associates

Unit Level Record

Site: SDI-9253
Unit: 1
Depth: 20-30 cm
Tools: Shovel, trowel
Methods: X Arbitrary 10 cm; ___ Natural. Other: ___

Date: 12-15-04
Screen Size: 1/8"; ___ wet X dry.
Excavators: Larry Tift, Lucas Pick, Nick Doose



Key: ● rock

Artifacts: one piece of debitage

Ecofacts: none

Disturbance: rodent activity

Soil: Type: Sandy loam Texture: moderate compaction
Color: Dark brown

Comments:

Photos: ___ Yes, ___ No. Roll/Exp.:

Gallegos & Associates

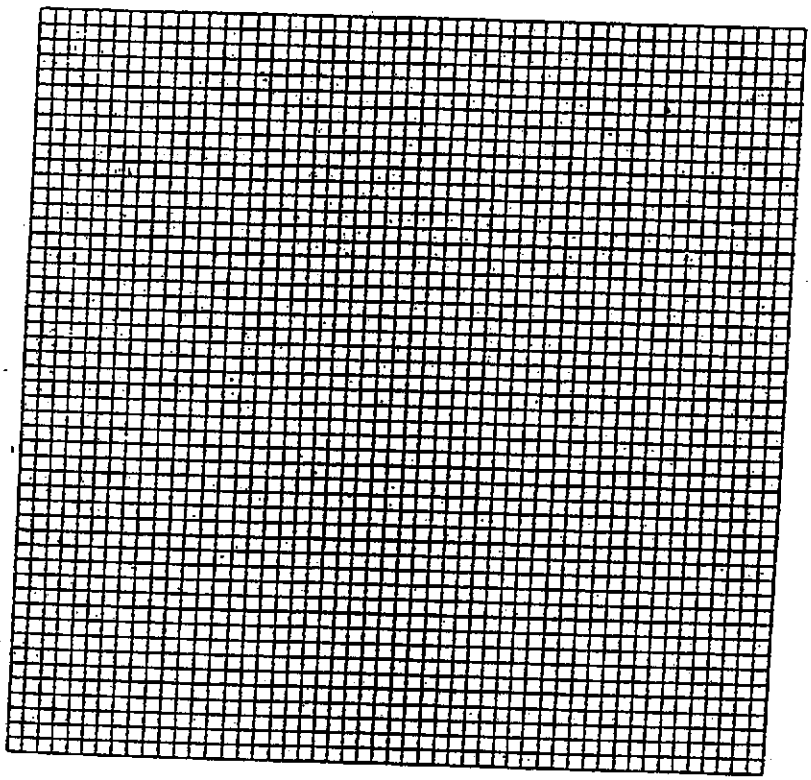
Unit Level Record

Site: SDI-9253
Unit: #1
Depth: 30-40
Tools: Square-headed shovel
Methods: X Arbitrary 10 cm; ___ Natural. Other: ___

Date: 12-16-04
Screen Size: 1/8 ; ___ wet X dry.
Excavators: Larry Tift, Lucas Piek, Nick Doose

N

W



E

S

Key:

Artifacts: debitage : 3
1 possible core fragment

Ecofacts: none

Disturbance: some rodent activity and roots

Soil: Type: Sandy loam
Color: Dark brown
Texture: moderate compaction

Comments: ___

Photos: ___ Yes, ___ No. Roll/Exp.: ___

Gallegos & Associates

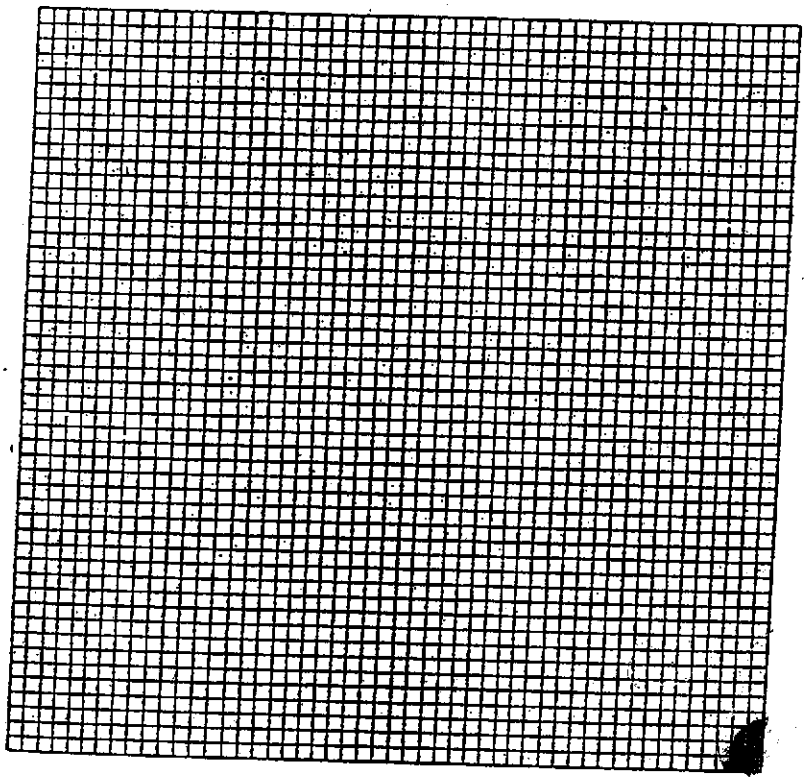
Unit Level Record

Site: SDI-9253
Unit: #1
Depth: 40-50 cm
Tools: Square-headed shovel
Methods: X Arbitrary 10 cm; ____ Natural. Other: _____

Date: 12-16-04
Screen Size: 1/8 ; ___ wet X dry.
Excavators: Larry Tift, Lucas Pick, Nick Doose

N

W



E

S

Key: ● = rock

Artifacts: debitage : 5 pieces

Ecofacts: none

Disturbance: rodent activity

Soil: Type: sandy loam Texture: moderate compaction
Color: dark brown

Comments: increase of fist sized rocks

Photos: ___ Yes, ___ No. Roll/Exp.: _____

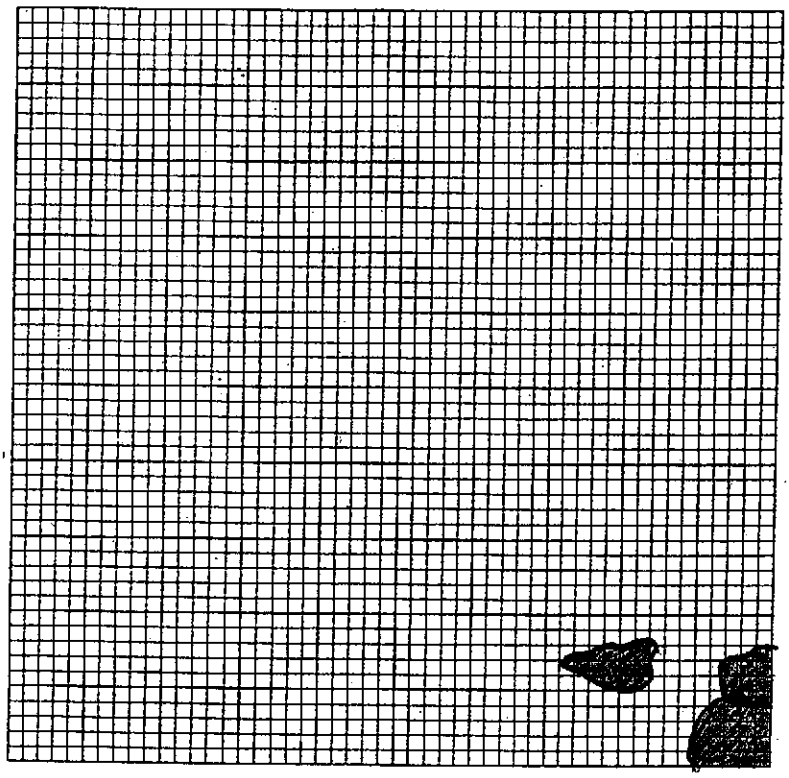
Gallegos & Associates

Unit Level Record

Site: SDI-9253 Date: 12-16-04
Unit: #1 Screen Size: 1/8 ; __ wet X dry.
Depth: 50-60 cm Excavators: Larry Tift, Lucas Peek
Tools: Square-headed shovel Nick Doose
Methods: ___Arbitrary ___ cm; ___Natural. Other: ___

N

W



E

S

Key:

Artifacts: Debitage: 2 pieces

Ecofacts: none

Disturbance: some rodent and root activity

Soil: Type: Sandy loam Texture: moderate compaction
Color: Dark brown

Comments: ___

Photos: ___ Yes, ___ No. Roll/Exp.: ___

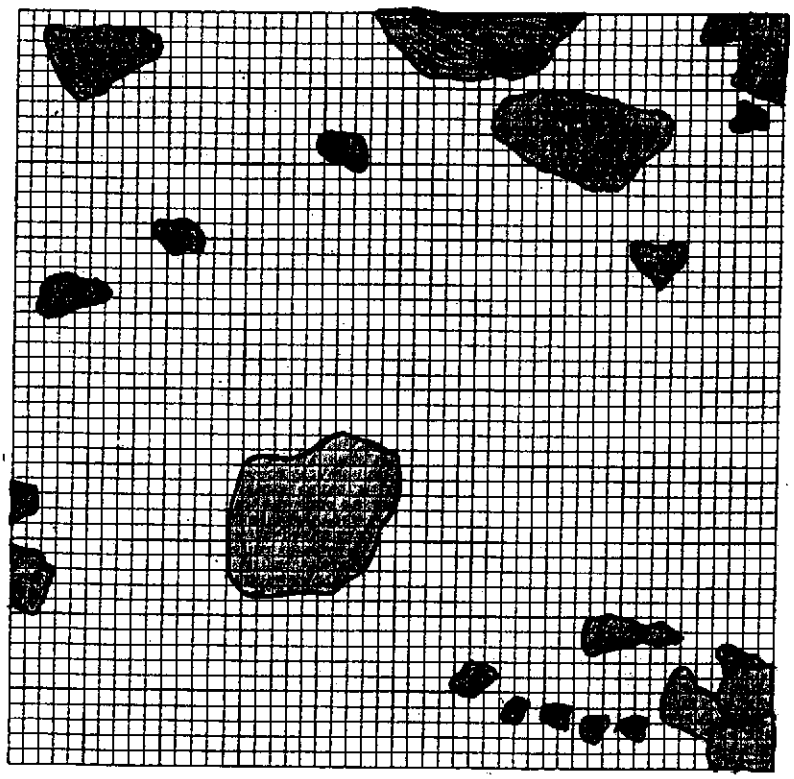
Gallegos & Associates

Unit Level Record

Site: SDI-9253 Date: 12-16-04
Unit: #1 Screen Size: 1/8 ; ___ wet X dry.
Depth: 60-70 cm Excavators: Larry Tift, Lucas Piek
Tools: Square-headed shovel Nick Doose
Methods: X Arbitrary 10 cm; ____ Natural. Other: ____

N

W



E

S

Key:

Artifacts: Debitage;

Ecofacts: one piece of bone

Disturbance: rodent and root activity

Soil: Type: sandy loam Texture: moderate compaction
Color: Dark brown

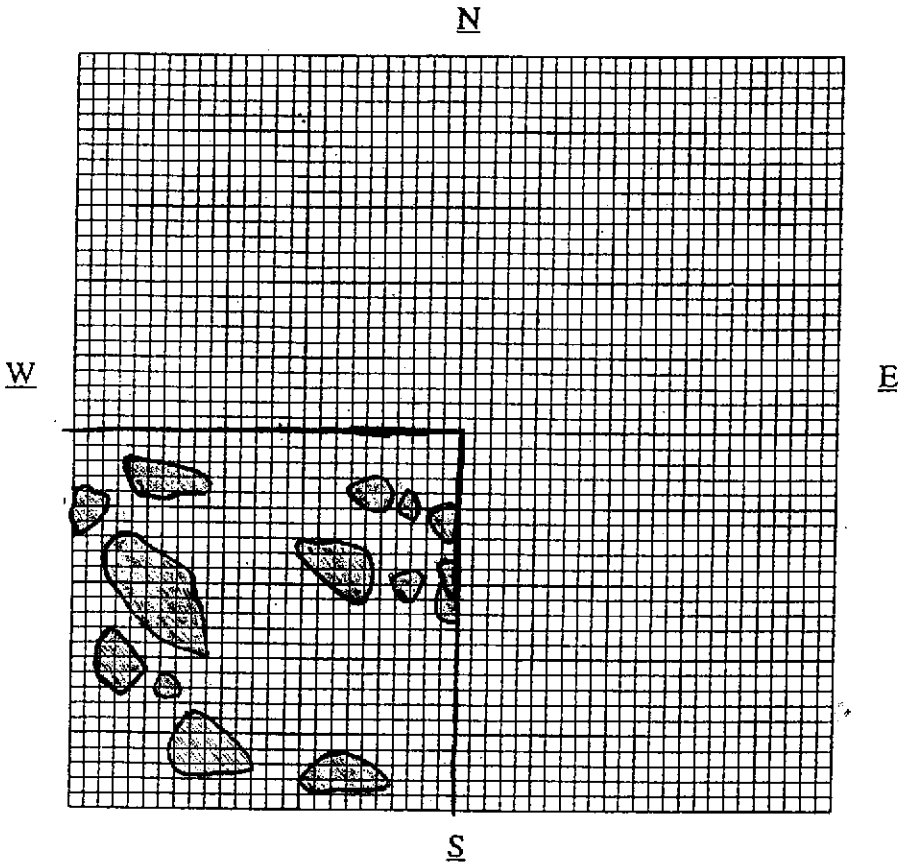
Comments: lots of rock in this level

Photos: ___ Yes, ___ No. Roll/Exp.: ____

Gallegos & Associates

Unit Level Record

Site: SDI-9253 Date: 12-16-04
Unit: #1 Screen Size: 1/8 ; ___ wet X dry.
Depth: 70-80 cm (SW 1/4 only) Excavators: Larry Tift, Lucas Piek
Tools: Square-headed shovel Nick Doose
Methods: X Arbitrary 10 cm; ___ Natural. Other: ___



Key: = rocks imbedded in floor

Unit Terminated
See profile on separate sheet

Artifacts: Ø

Ecofacts: Ø

Disturbance: rodents

Soil: Type: sandy loam w/ gravel & rocks giving way to loamy gravel & rocks Texture: moderate compaction.
Color: dark brown to brown/light brn. moist

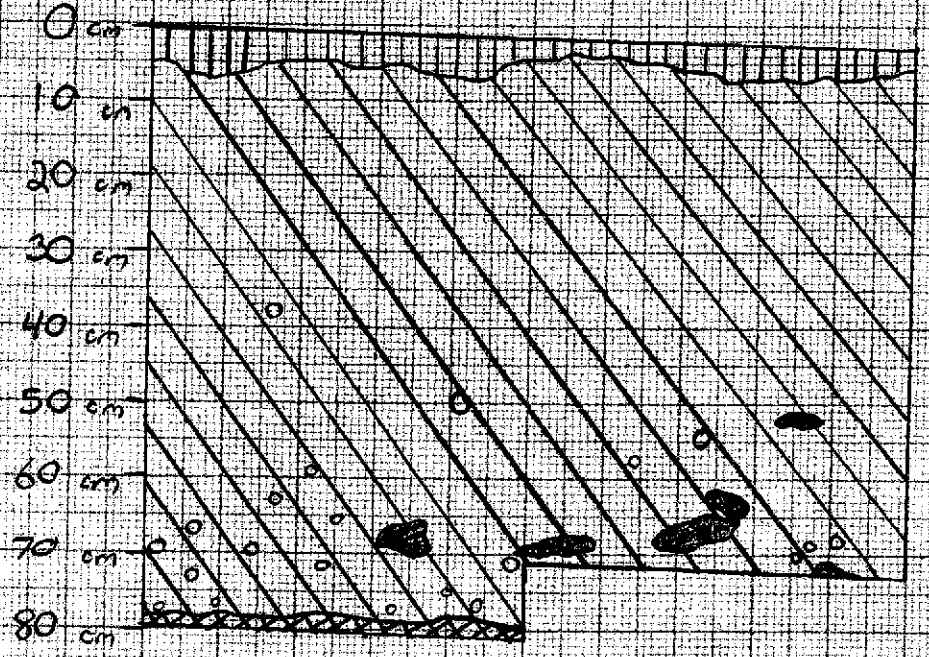
Comments: significant increase in sub angular clasts this level - soil change at/near bottom of level to lighter brown loamy D.G. gravel - unit terminated

Photos: X Yes, ___ No. Roll/Exp.: ___

SDI-9253
Unit #1

12-17-04

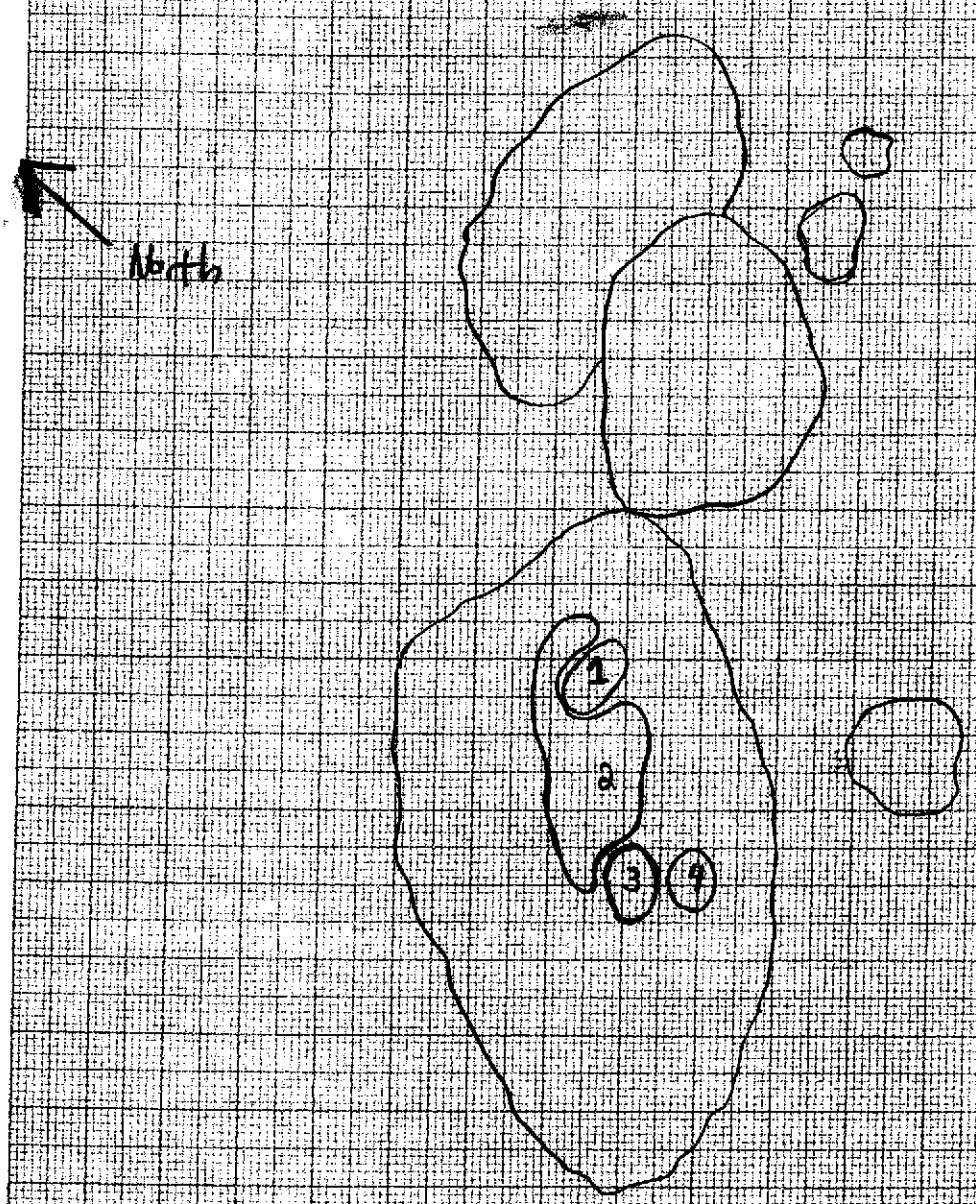
West Wall
0-80 cm



Key

- rock
- root
- Sandy gravel loam
- Sandy loam
- heavy loam

SDT 9253



BRM #1

Bedrock boulder

180 cm E/W
100 cm N/S
40 cm height

0 10 20 30 40cm

#3 = Basin 20cm E/W
13cm N/S
2 cm depth

#4 = Basin 12 cm E/W
0 cm N/S

BRM#1

#1 = Basin 1 cm depth
20cm E/W
12cm N/S

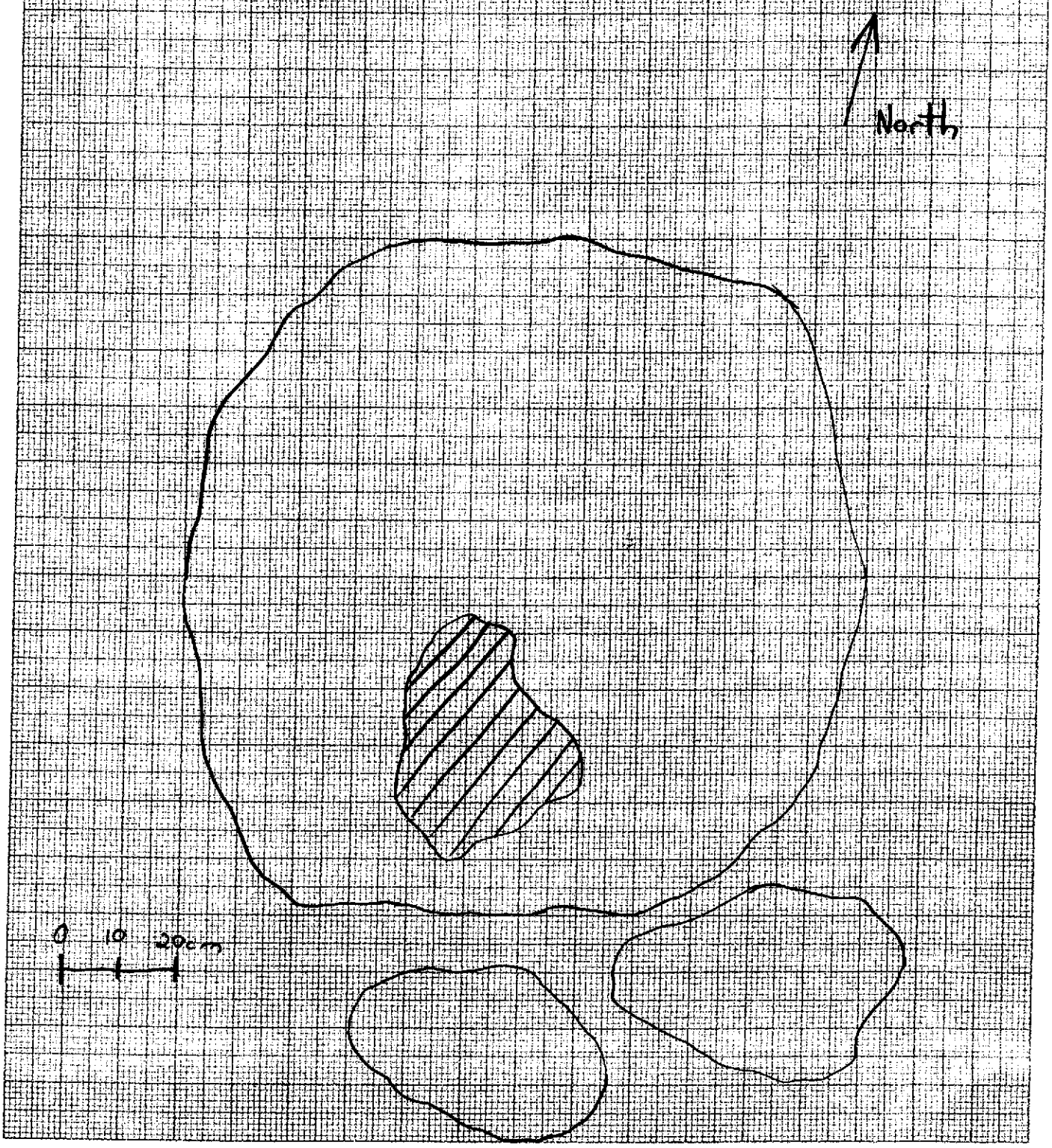
#2 = Slick 70 cm E/W
35 cm N/S

BRM #2

SDL-9253

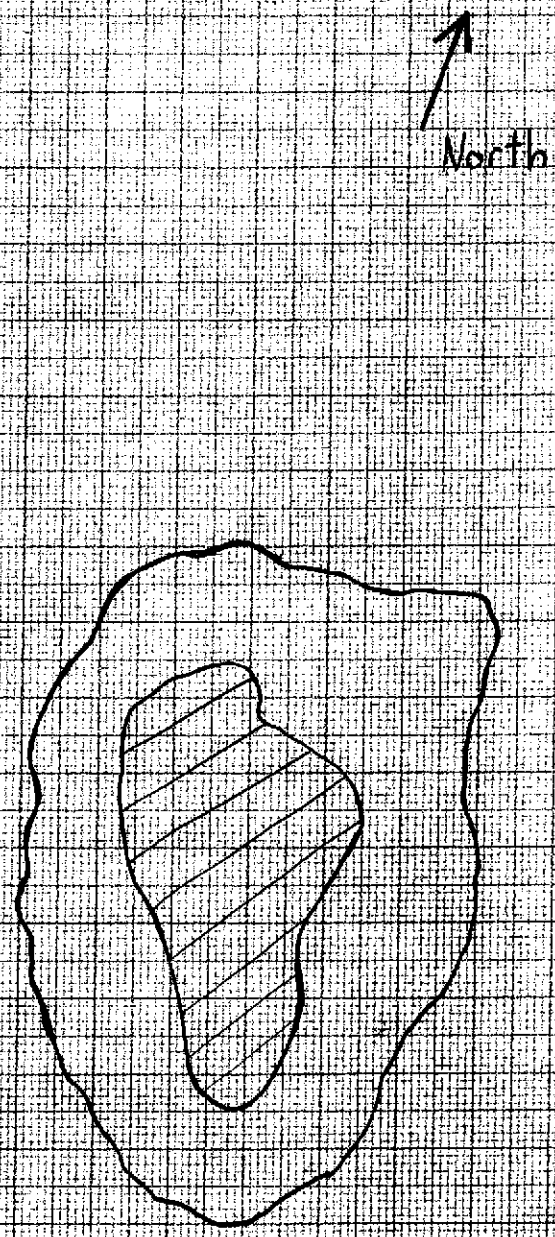
bedrock 120 cm N/S
120 cm E/W
45 cm in height

Slick 40 cm N/S
30 cm E/W



BRM #3

SDI-9253



BRM #3
- 90 cm N/S
60 cm E/W
10 cm height

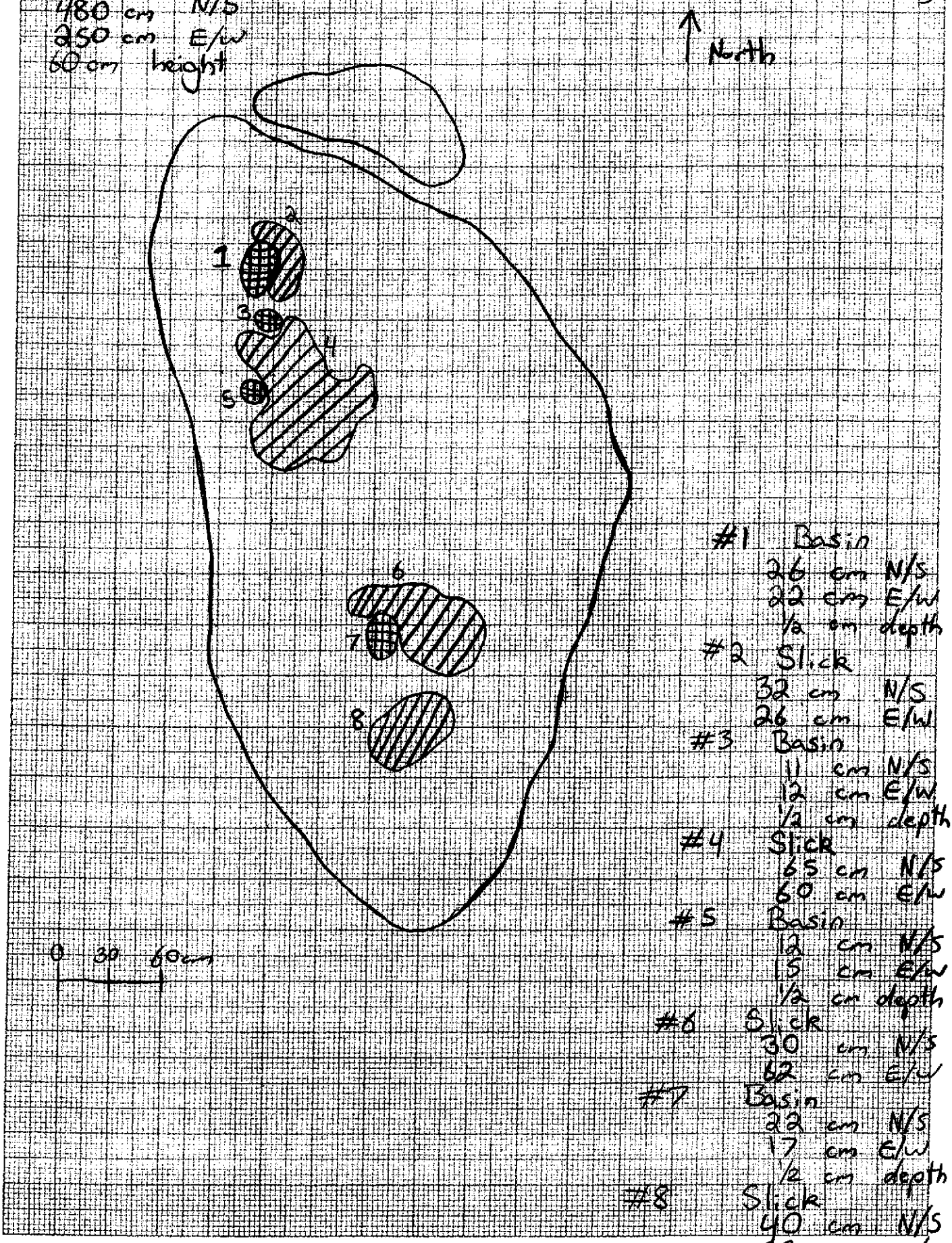
Slick = 30 cm E/W
60 cm N/S

0 10 20 cm

BRM#4

480 cm N/S
250 cm E/W
60 cm height

SD1-9253



#1 Basin
26 cm N/S
22 cm E/W
½ cm depth

#2 Slick
32 cm N/S
26 cm E/W

#3 Basin
11 cm N/S
12 cm E/W
½ cm depth

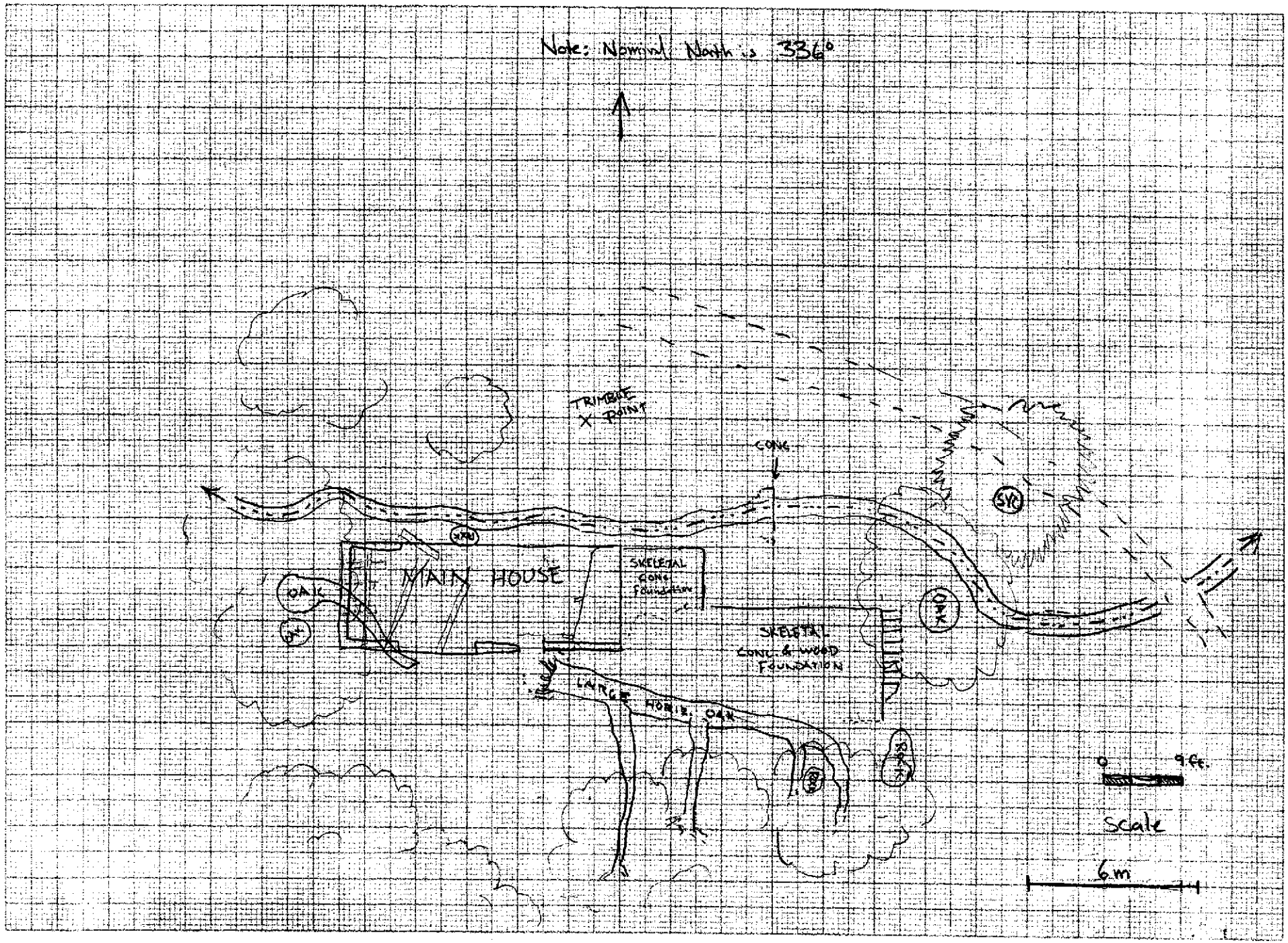
#4 Slick
65 cm N/S
60 cm E/W

#5 Basin
12 cm N/S
15 cm E/W
½ cm depth

#6 Slick
30 cm N/S
62 cm E/W

#7 Basin
22 cm N/S
17 cm E/W
½ cm depth

#8 Slick
40 cm N/S
32 cm E/W


Note: Nominal North is 336°
TRIMBLE X POINT
CONC
MAIN HOUSE
SKELETAL CONC FOUNDATION
SKELETAL CONC & WOOD FOUNDATION
LARGE HORIZ. OAK
OAK
OAK
OAK
SYC
0
9 ft.
Scale
6 m

PROJECT: Merriam Test

SITE: SDI-9253

CREW: Larry
Nick

VEGETATION: Lucas

STP: #1

COORD:

DATE: 12-14-04

SOILS		CULTURAL MATERIAL
brown sandy loam, gravelly loose / light compaction w/ few angular clasts to fist size (granite)	10	Ø
	20	Ø
no change (increased clasts)	30	Ø
	40	Ø
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 50 CM DUE TO sterility / depth

DISTURBANCE: STP next to foot path ; rodents

NOTES:

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Test
SITE: 5DI-9253
CREW: Larry
Lucas, Nick
VEGETATION:

STP: #2
COORD:
DATE: 12-14-04

SOILS

sandy, gravelly loam
loose / light compaction
angular granite clasts to
fist-size, increasing
slightly w/ depth

CULTURAL MATERIAL

Ø
Ø
Ø
Ø
Ø
Ø

10 – 20 – 30 – 40 – 50 – 60 – 70 – 80 – 90 – 100 – cm

ENDED AT 60 CM DUE TO sterility / depth

DISTURBANCE: rodents

NOTES:

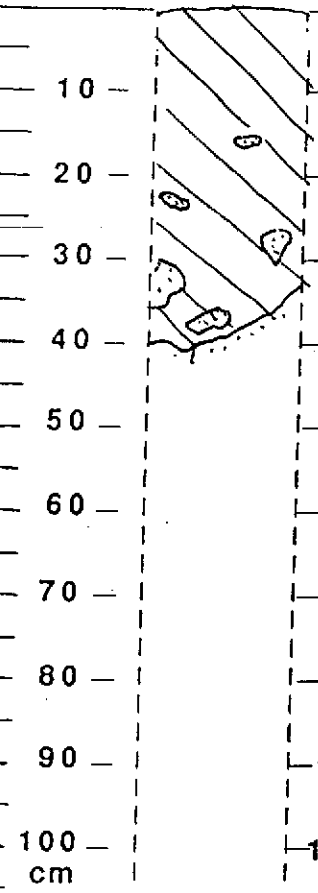
FORMS/STP.XLS

PROJECT: Merriam Test
SITE: SDI-9253
CREW: Larry
Lucas, Nick
VEGETATION:

STP: #3
COORD: see map
DATE: 12-14-04

SOILS

sandy loam, gravelly, with angular granite clasts increasing w/ depth



CULTURAL MATERIAL

Ø
Ø
Ø
Ø

ENDED AT 40 CM DUE TO sterile

DISTURBANCE: roots ; next to foot path

NOTES:

FORMS/STP.XLS

PROJECT: Merrion Mtns

SITE: SDI-9253

CREW: L. Thift, N. Doose, L. Pick

VEGETATION: sage, grasses, etc.

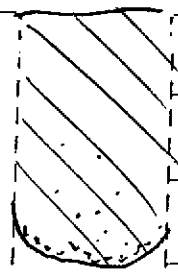
STP: #4

COORD: see map

DATE: 12-14-04

SOILS

Sandy loam w/ gravel - turning to compact D.G. at ~ 30 cm



CULTURAL MATERIAL

Ø

Ø

Ø

10 20 30 40 50 60 70 80 90 100 cm

ENDED AT 30 CM DUE TO hard D.G. gravel

DISTURBANCE: rodents, footpath adjacent

NOTES:

FORMS/STP.XLS

PROJECT: Merium Mtns.
SITE: SDI-9253
CREW: Larry
Nick Doog, Lucas Pick
VEGETATION:

STP: #5
COORD: see map
DATE: 12-14-04

SOILS

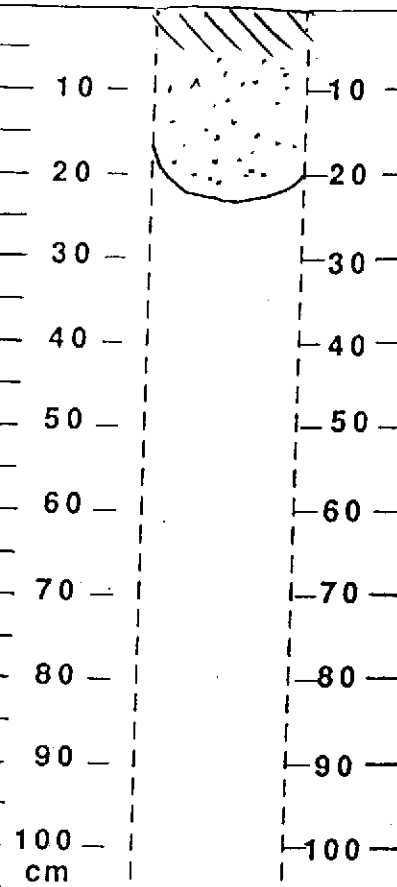
upper ~5cm is brown sandy loam - remainder is light brown D.G. gravel, compact

moist

CULTURAL MATERIAL

Ø

Ø



ENDED AT 20 CM DUE TO D.G. subsoil

DISTURBANCE: footpath, rodents

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: 9253
CREW: Lucas Pierk, Larry Tift, Nick Doose
VEGETATION: natural veg.

STP: #6
COORD:
DATE:

SOILS		CULTURAL MATERIAL
gravely sand loam loose compaction dark brown	10	none
gravely sand loam loose compaction dark brown	20	none
gravely sand moderate compaction dark brown	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE:

NOTES:

FORMS/STP.XLS

PROJECT: Mervin Mtns

SITE: SDI- 9253

CREW: L.T.Fr, N Doose

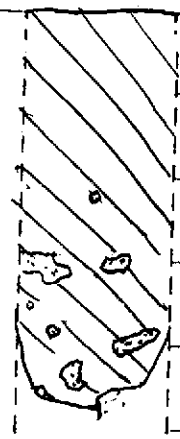
VEGETATION: sage scrub, grasses

STP: # 7

COORD: see map

DATE: 12-14-04

SOILS			CULTURAL MATERIAL
brown sandy loam w/ gravel & angular clasts	10	10	Ø
clasts increasing w/ depth	20	20	Ø
moist	30	30	Ø
	40	40	Ø
	50	50	
	60	60	
	70	70	
	80	80	
	90	90	
	100 cm	100	



ENDED AT ~45 CM DUE TO sterility / increasing rocks

DISTURBANCE: rodents

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mtns

SITE: SDI-9253

CREW: L.T.Ei, N. Doose

VEGETATION: grass

STP: # 8

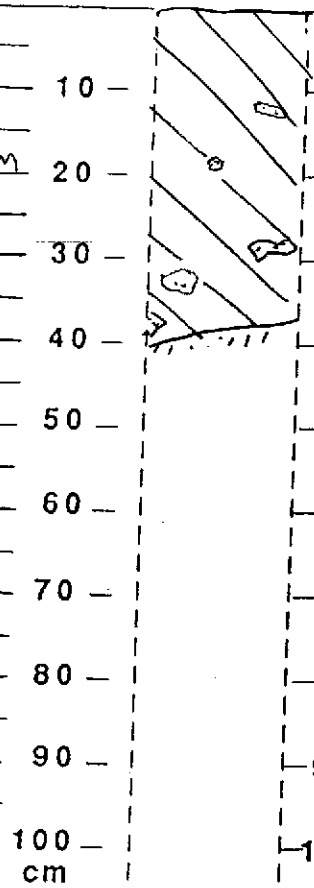
COORD:

DATE: 12-14-04

SOILS

brown sandy loam
loose / light / compaction
few angular granite clasts
solid bedrock at ~ 38 cm

CULTURAL MATERIAL



ENDED AT ~39 CM DUE TO bedrock

DISTURBANCE: rodents, foot path to N and W

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Test
SITE: 5D1 - 9253
CREW: Nick Doose

VEGETATION: Non-native grass

STP: #9
COORD: Adjacent to And. NW of Berm.
DATE: 12-15-04

SOILS

CULTURAL MATERIAL

sandy loam w/ gravel
moderate compaction
"
"
"
D.G. at 30cm.

10 none
20 none
30 none
40
50
60
70
80
90
100

ENDED AT 30 CM DUE TO D.G. gravel

DISTURBANCE: Rodent

NOTES: Moist from overnight fog

FORMS/STP.XLS

PROJECT:

SITE: SDI-9253

CREW: N. Doors [illegible] Houland

STP: 10

COORD: 10 m E of STP 11

DATE: 12-15-04

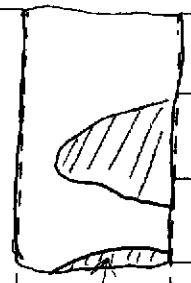
VEGETATION: Non-native mixed w/ native grasses surrounded by

SOILS

Dark brown sandy loam w/ large angular rocks

" "

" "



CULTURAL MATERIAL

Ø

Ø

Ø

ENDED AT 30 CM DUE TO Sterility and large rock in floor

DISTURBANCE: Rodent

NOTES: Moist from overnight fog

FORMS/STP.XLS

PROJECT:
SITE: SDI-9253
CREW: N. DOOSE, K. HOLLAND, L. PIEK
VEGETATION: NON-NATIVE GRASS

STP: 11
COORD: 10 M North of STP #1
DATE: 12-15-04

SOILS		CULTURAL MATERIAL
DARK BROWN SANDY LOAM	10	Ø
" "	20	Ø
" "	30	Ø
" "	40	Ø
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO Sterility

DISTURBANCE: Rodent

NOTES:
Moist from overnight Fog

FORMS/STP.XLS

PROJECT:

SITE: SDI-9253

CREW: N. DOOSE, K HOLLAND

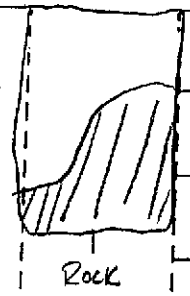
STP: 12

COORD:

DATE: 12-15-04

VEGETATION: NON-NATIVE GRASS surrounded by MANZANITA and sagescrub

SOILS		CULTURAL MATERIAL
dark brown sandy loam	10	Ø
" "	20	Ø
" "	30	Ø
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	



ENDED AT 25 CM DUE TO Big Rock

DISTURBANCE: Rodent

NOTES: Moist from overnight fog

FORMS/STP.XLS

PROJECT: Merriam Test
SITE: SD1-9253
CREW: N. Doose, K. Hovland, L. Pick

STP: 13
COORD: See map
DATE: 12-15-04

VEGETATION:

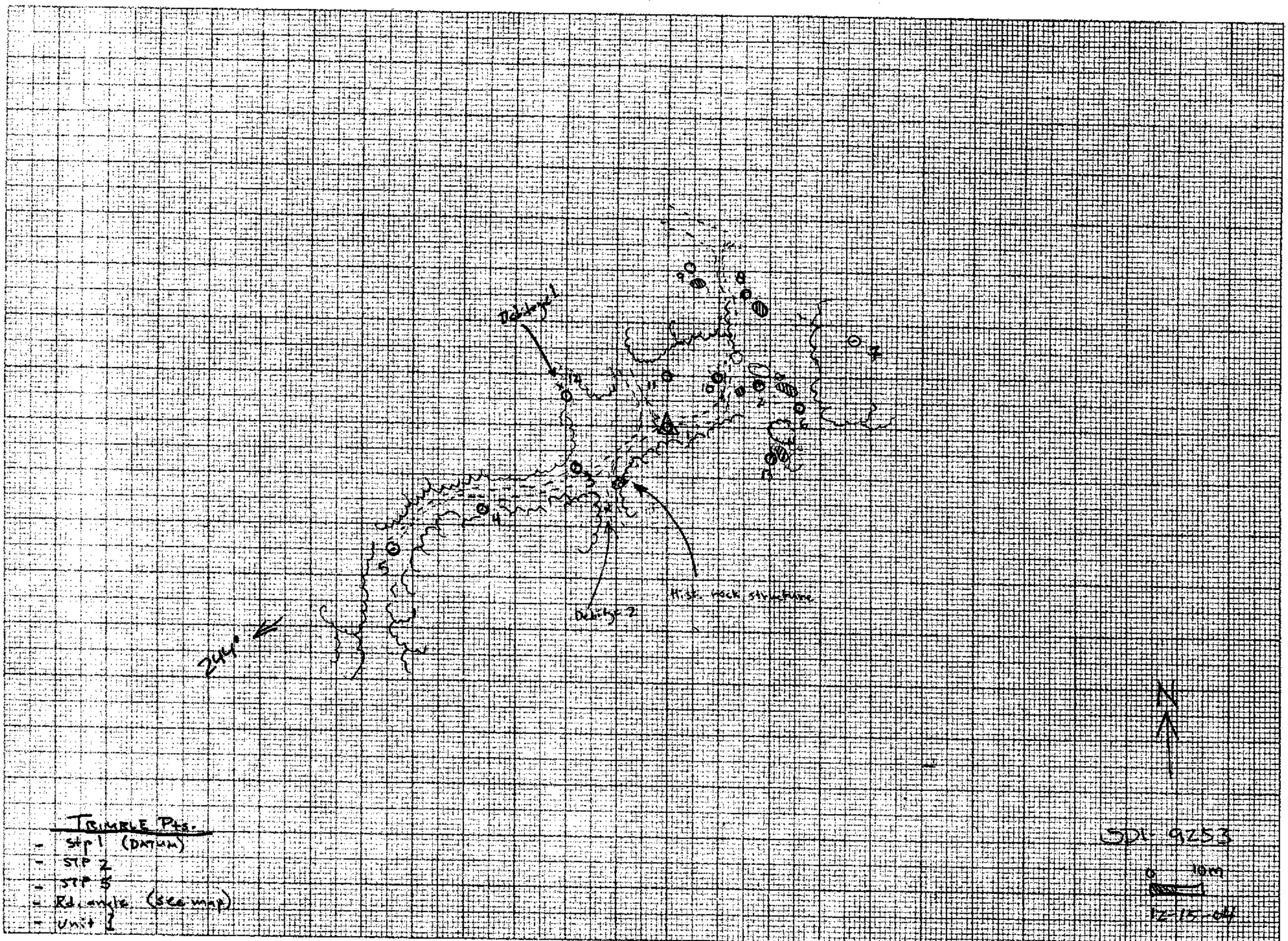
SOILS		CULTURAL MATERIAL
dark brown sandy loam		none
"	10	none
"	20	none
"	30	none
"	40	none
"	50	none
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 60 CM DUE TO sterile levels

DISTURBANCE: none

NOTES: Moist from overnight frog.

FORMS/STP.XLS


Debitage 1
Hist. rock structure
Debitage 2
244°
N
TRIMBLE Pts.
- Stp 1 (DATUM)
- STP 2
- STP 5
- Rd. angle (see map)
- Unit 1
SDI-9253
0 10m
12-15-04

SHOVEL TEST PIT DATA SHEET

SDI-9822 (W-223)

PROJECT: Merriam Mountains
SITE: W-223
CREW: L. Piek

STP: #1
COORD: 20ft in from road, 120° at 3.5 meters to telephone pole
DATE: 7/20/05

VEGETATION: Poison Oak, Coast Live Oak trees, bamboo

SOILS		CULTURAL MATERIAL
Silty gravel loam loose compaction dark gray brown		1 pottery, 8 debitage, 2 grams of shellfish, 1 gram of bone
10		10
silty gravel loam medium compaction dark gray brown		1 pottery, 1½ grams of bone, 1½ grams of shellfish, 12 debitage.
20		20
silty gravel loam medium compaction dark gray brown		1 pottery, 2 grams of bone, 10 debitage 3 grams of shellfish
30		30
silty gravel loam medium compaction		1 gram of charcoal, 1½ grams of bone, 1 pottery, 3 grams of shellfish, 10 debitage
40	massive roots	40
50		50
60		60
70		70
80		80
90		90
100 cm		100

ENDED AT 40 CM DUE TO massive roots

DISTURBANCE: roots and clearing for the telephone pole

NOTES:
Massive roots from a nearby Coast Live Oak tree covered the entire floor of the STP at 40 cm, ending the STP.

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

SDI-9822

PROJECT: Merriam Mountains
SITE: W-223
CREW: L. Piek

STP: #2
COORD: 20ft in from road, 10 meters east
DATE: 7/20/05

VEGETATION: Poison Oak, bamboo, walnut tree

SOILS		CULTURAL MATERIAL
dark gray brown		½ gram of charcoal, 5 pottery, 3½ grams of shellfish,
silty gravel loam loose compaction	10	10 6 grams of bone, 14 debitage
dark gray brown		1 pottery, 7 grams of shellfish, ½ gram
silty gravel loam medium compaction	20	20 of bone, 8 debitage
dark gray brown		1 possible mano fragment, 6 grams of shellfish,
silty gravel loam medium compaction	30	30 5 debitage, 2 grams of bone
dark gray brown		1 gram of bone, 7½ grams of shellfish,
silty gravel loam medium compaction	40	40 5 debitage
dark gray brown		1 pottery, 1½ grams of bone, 4 debitage,
silty gravel loam medium compaction	50	50 6 grams of shellfish
dark gray brown		½ gram of shellfish, ¼ gram of bone
silty gravel loam med. compaction	60	60 1 Olivella shell bead
	70	70
	80	80
	90	90
	100 cm	100

ENDED AT 55 CM DUE TO rock

DISTURBANCE: roots were present throughout the STP.

NOTES:
The STP was ended at 55 cm due to a large rock that covered the STP floor. I do not believe that this rock was bedrock.

FORMS/STP.XLS

SHOVEL TEST PIT DATA SHEET

SDI-9822

PROJECT: Merriam Mountains
SITE: W-223
CREW: L. Piek

STP: #3
COORD: 20 ft in from road, 20 meters East
DATE: 7/20/05

VEGETATION: Walnut tree, bamboo, Coast Live Oak

SOILS		CULTURAL MATERIAL
silty gravel high compaction light brown with red tint	10	neg
silty gravel high compaction light brown	20	neg
silty gravel high compaction light brown	30	neg
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO bedrock

DISTURBANCE: none observed.

NOTES:
STP ended at 30cm due to bedrock, entire STP was negative and had a high compaction.

FORMS/STP.XLS

SDI- 9822

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: W-223
CREW: L. Piek

STP: #4
COORD: 20ft in from road, 50 meters West
DATE: 7/20/05

VEGETATION: Coast Live Oak

SOILS		CULTURAL MATERIAL
silty gravel medium compaction		none
silty gravel medium compaction	10	none
silty gravel medium compaction	20	none
	30	
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: soil was disturbed by heavy construction

NOTES:
Soil appeared to be disturbed by construction of the road, large rocks throughout the STP.

FORMS/STP.XLS

SDI-9822

SHOVEL TEST PIT DATA SHEET

PROJECT: Merriam Mountains
SITE: W-223
CREW: L. Piek

STP: 5
COORD: 20 ft in from road, 20 meters West
DATE: 7/20/05

VEGETATION: Massive Poison Oak

SOILS		CULTURAL MATERIAL
dark gray brown loose compaction silty gravel loam	10	1/8 of a gram of shellfish, 1 debitage, 1 pottery
	20	
	30	
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 10 CM DUE TO large rock

DISTURBANCE: roots

NOTES:
STP stopped at only 10cm due to a large rock in the middle of my STP, I believe it was not bedrock.

FORMS/STP.XLS

CA-SDI-[redacted] 17264

PROJECT: Merriam Mountains
SITE: MM-S-1 / SDI-17264
CREW: Lucas Piek
Nick Doose
VEGETATION: Natural Veg.

STP: #1
COORD: 40N3E
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
silty gravel brown w/ red tint moderate/loose compaction	10	none
silty gravel brown with red tint moderate compaction	20	none
silty gravel brown with red tint moderate compaction	30	none
silty gravel brown with red tint moderate compaction	40	none
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

SDI-17264

PROJECT: Merriam Mountains
SITE: MM-S-1
CREW: Lucas Piek
Nick Doose
VEGETATION: Natural Veg.

STP: #2
COORD: 20N 4E
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
silty gravel brown with red tint loose/moderate compaction	10	none
silty gravel brown with red tint moderate compaction	20	none
silty gravel brown with red tint moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts.
SITE: MM-S-1
CREW: Nick Doose
Lucas Piek
VEGETATION:

STP: #3
COORD: 2m east of flag
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
Dark brown gravel moderate compaction	10	none
Dark brown gravel moderate compaction	20	none
Dark brown gravel high compaction	30	none
Dark brown gravel high compaction	40	none
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO sterile level / hard compaction

DISTURBANCE: possible 2m from dirt road

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts
SITE: MM-5-1
CREW: Nick
Lucas Piek
VEGETATION:

STP: #4 — 20m south
COORD: 3m east of flag
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
dark brown silty gravel light compaction	10	10 none
dark brown silty gravel light compaction	20	20 none
dark brown silty gravel light compaction	30	30 none
	40	40
	50	50
	60	60
	70	70
	80	80
	90	90
	100 cm	100

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-1
CREW: Lucas Piek

STP: #5
COORD: 40 S 3 E
DATE: 12-1-04

VEGETATION:

SOILS		CULTURAL MATERIAL
silty gravel tan brown loose/moderate compaction	10	none
silty gravel tan brown moderate compaction	20	none
silty gravel tan brown moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts.
SITE: MM-51
CREW: Nick
Lucas
VEGETATION:

STP: #6
COORD: 40m South 10m west
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
light brown silty gravel low compaction	10	none
light brown silty gravel low compaction	20	none
light brown silty gravel low compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-1
CREW: Lucas Piek

STP: #7
COORD: 60S 4W
DATE: 12-1-04

VEGETATION: Sumac and natural veg.

SOILS		CULTURAL MATERIAL
silty gravel tan brown loose/moderate compaction	10	none
silty gravel tan brown moderate compaction	20	none
silty gravel tan brown moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts.
SITE: MM-S1
CREW: Nick Lucas
VEGETATION:

STP: #8
COORD: 80m south 6m west
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
light brown silty gravel low compaction	10	none
brown silty gravel low compaction	20	none
dark brown silty gravel low compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts.
SITE: MM-51
CREW: Nick Lucas
VEGETATION:

STP: #9
COORD: 100m south 5m west
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
light brown gravel moderate compaction	0 – 10	none
dark brown gravel hard compaction	10 – 20	none
dark brown gravel hard compaction	20 – 30	none
	30 – 40	
	40 – 50	
	50 – 60	
	60 – 70	
	70 – 80	
	80 – 90	
	90 – 100	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-1
CREW: Lucas Pick

STP: # 10
COORD: 60N3E
DATE: 12-1-04

VEGETATION: natural veg.

SOILS		CULTURAL MATERIAL
silty gravel tan brown moderate compaction	10	none
silty gravel tan brown moderate compaction	20	none
silty gravel brown with red tint moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: 0-10 cm had modern glass fragments

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-1
CREW: Lucas Pick

STP: #11
COORD: 80N 4E
DATE: 12-1-04

VEGETATION: natural veg.

SOILS		CULTURAL MATERIAL
silty gravel tan brown moderate compaction	10	none
silty gravel tan brown moderate compaction	20	none
silty gravel tan brown with red tint moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: 0-10 cm had modern glass fragments

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts.
SITE: MM-51
CREW: Nick
Lucas
VEGETATION:

STP: #12
COORD: 20m North 9m west
DATE: 12-1-04

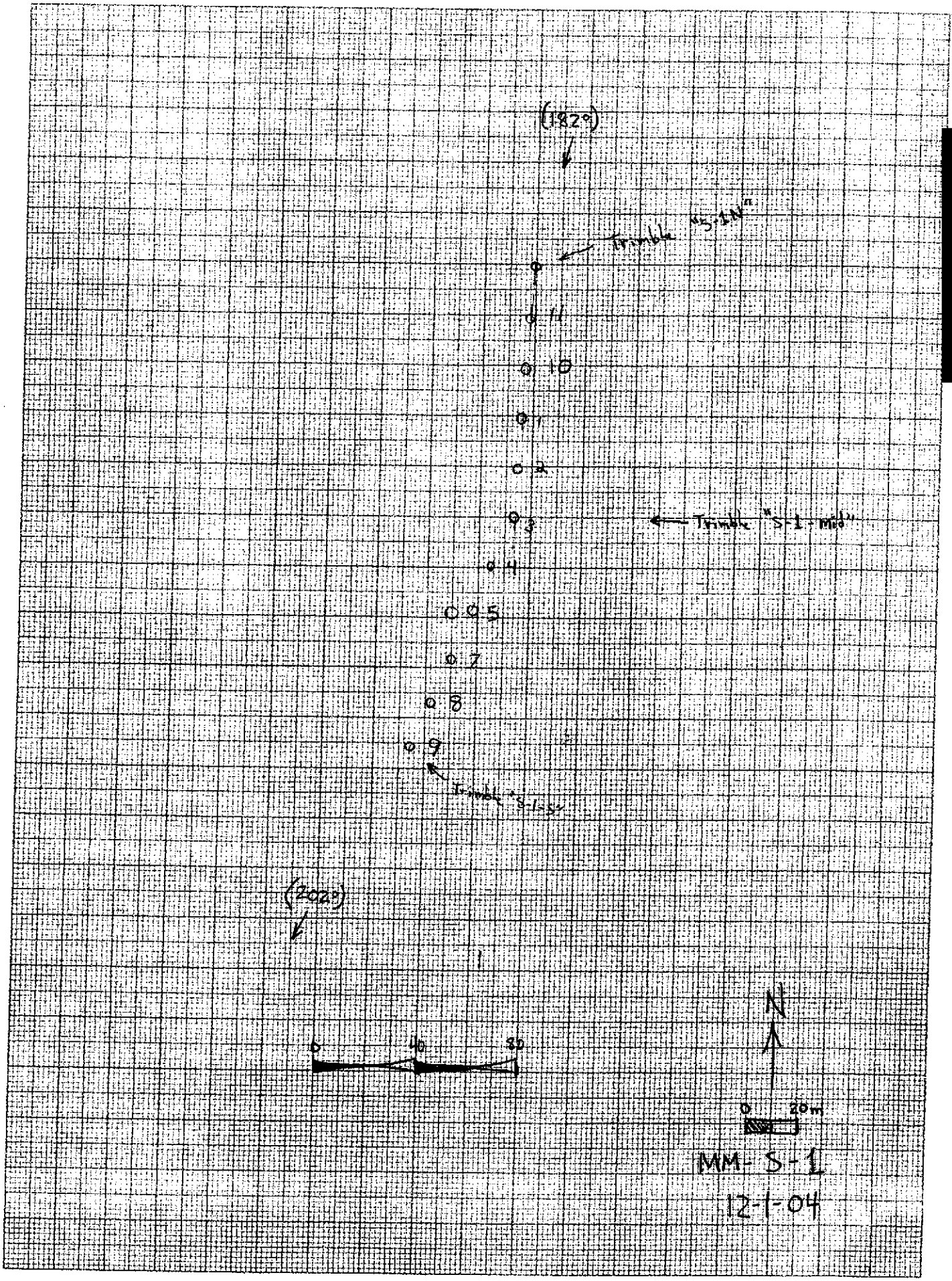
SOILS		CULTURAL MATERIAL
dark brown gravel moderate compaction	10	none
dark brown gravel moderate compaction	20	none
dark brown gravel moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

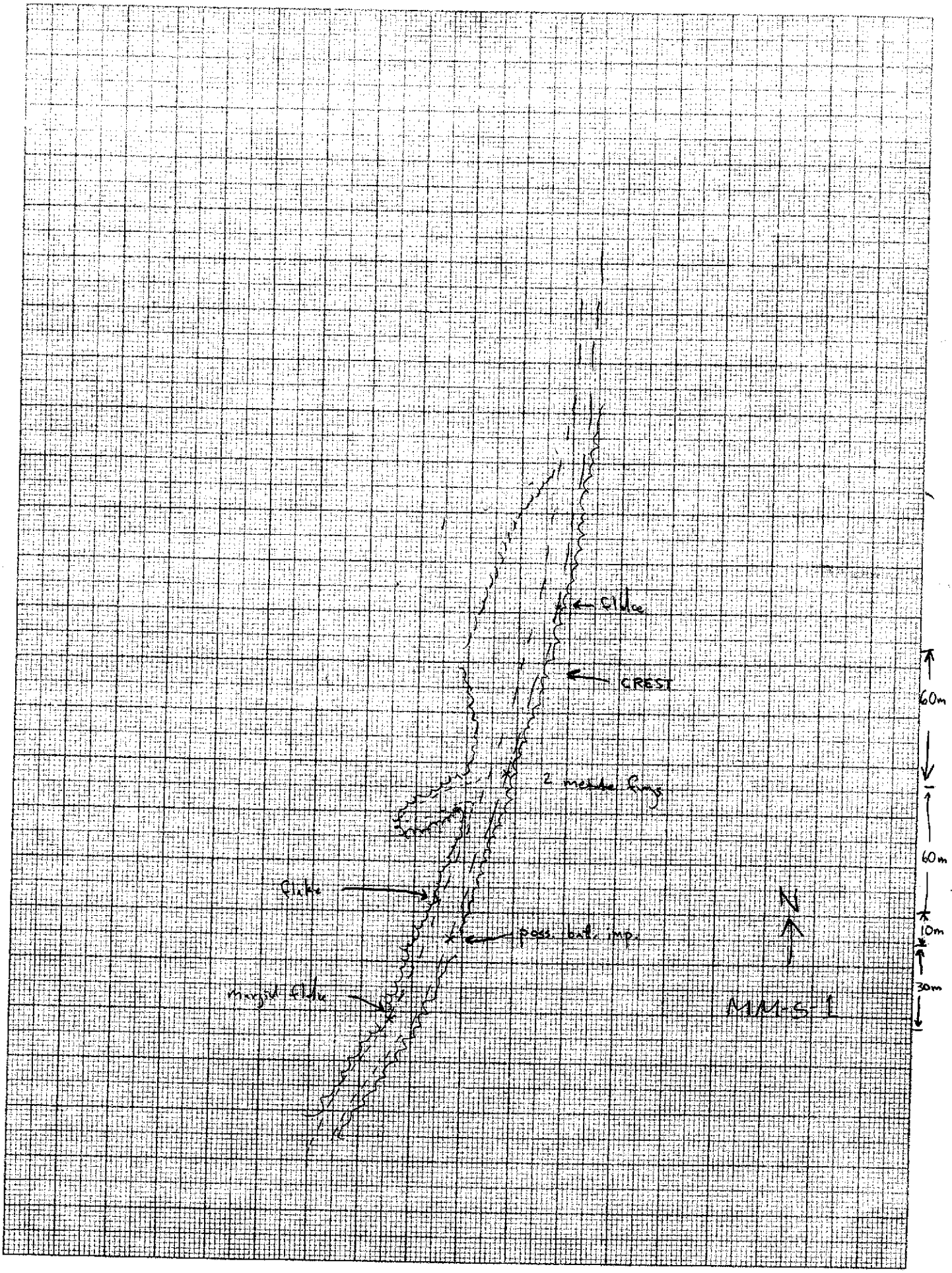
ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS


(182°)
Trimble "S-1-N"
11
10
1
2
3
Trimble "S-1-mid"
4
5
7
8
9
Trimble "S-1-S"
(202°)
0
40
80
N
0
20m
MM-S-1
12-1-04



flake
CREST
2 metabe fungs
flake
poss. bat. imp.
marginal flake
N
60m
60m
10m
30m
MM-S-1

PROJECT: Merriam Mountains
SITE: MM-S-2
CREW: Lucas Piek
Nick Doose
VEGETATION:

STP: #1
COORD: 18m NORTH
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
silty gravel loam medium brown moderate compaction	10	none
silty gravel medium brown moderate compaction	20	none
silty gravel brown with red tint moderate/high compaction	30	none
silty gravel brown with red tint high compaction	40	none
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO sterile levels

DISTURBANCE: none observed in STP, motorcycle jumps nearby.

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-2
CREW: Lycas Piek
Nick Doose
VEGETATION:

STP: #2
COORD: 20 West
DATE: 12-1-04

SOILS		CULTURAL MATERIAL
silty gravel loam Dark brown moderate compaction		none
silty gravel dark brown moderate compaction	10	1 flake of MV
silty gravel dark brown moderate compaction	20	none
silty clay gravel heavly compacted	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 40 CM DUE TO sterile unit (30-40)

DISTURBANCE: none observed

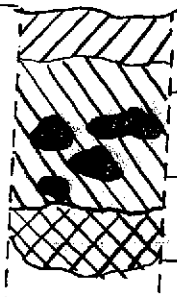
NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-2
CREW: Lucas Pick
Nick Doose
VEGETATION:

STP: #3
COORD: 16 East
DATE: 12-2-04

SOILS		CULTURAL MATERIAL
silty gravel loam dark brown loose compaction	10	none
silty gravel tan brown moderate compaction	20	none
silty gravel with clay tan brown moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	



ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-2
CREW: Lucas Piek
Nick Doose
VEGETATION:

STP: #4
COORD: 6 meters South
DATE: 12-2-04

SOILS		CULTURAL MATERIAL
silty gravel loam dark brown loose compaction	10	none
silty gravel loam dark brown loose compaction	20	none
silty gravel with clay tan brown moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 27 CM DUE TO bedrock

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mtns
SITE: MM-52
CREW: Nick Doose
Lucas Piek
VEGETATION:

STP: #5
COORD: 20m West 8m NORTH
DATE: 12-2-04

SOILS		CULTURAL MATERIAL
dark brown silty gravel light compaction	10	10 none
dark brown silty gravel light compaction	20	20 none
dark brown gravel & clay moderate compaction	30	30 none
	40	40
	50	50
	60	60
	70	70
	80	80
	90	90
	100 cm	100

ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: none observed

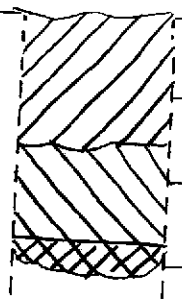
NOTES:

FORMS/STP.XLS

PROJECT: Merriam Mountains
SITE: MM-S-2
CREW: Lucas Pick
Nick Doose
VEGETATION: Natural veg.

STP: #6
COORD: 30 West
DATE: 12-2-04

SOILS		CULTURAL MATERIAL
silty gravel loam dark brown loose compaction	10	none
silty gravel tan brown moderate compaction	20	none
silty gravel with clay tan brown moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	



ENDED AT 30 CM DUE TO sterile levels

DISTURBANCE: motorcycle jumps and dirt road nearby.

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts.
SITE: MM-S2
CREW: Nick Doose
Lucas Piek
VEGETATION:

STP: #7
COORD: 20w 10s
DATE: 12-02-04

SOILS			CULTURAL MATERIAL
dark brown gravel moderate compaction	10	10	none
dark brown gravel moderate compaction	20	20	none
dark brown moderate compaction	30	30	none
	40	40	
	50	50	
	60	60	
	70	70	
	80	80	
	90	90	
	100 cm	100	

bedrock

ENDED AT 25 CM DUE TO bedrock

DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

PROJECT: Merrian Mts.
SITE: SS-02
CREW: Nick Doose
Lucas Pick
VEGETATION:

STP: #8
COORD: 10W 8N
DATE: 12-2-04

SOILS		CULTURAL MATERIAL
dark brown gravel moderate compaction	10	none
dark brown gravel moderate compaction	20	none
dark brown gravel & clay moderate compaction	30	none
	40	
	50	
	60	
	70	
	80	
	90	
	100 cm	

ENDED AT 30 CM DUE TO sterile levels

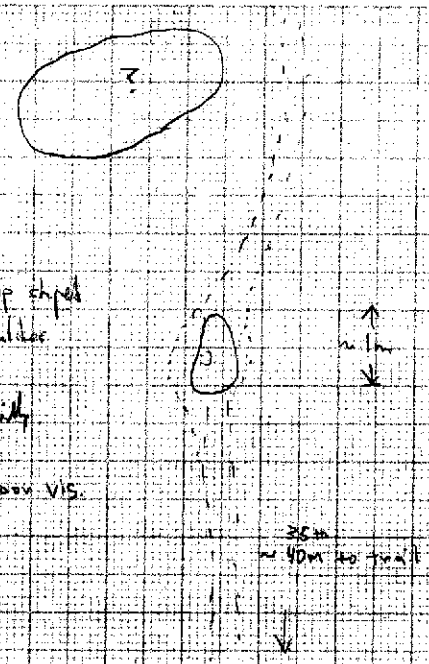
DISTURBANCE: none observed

NOTES:

FORMS/STP.XLS

CA-SDI-17265

MM-S-2



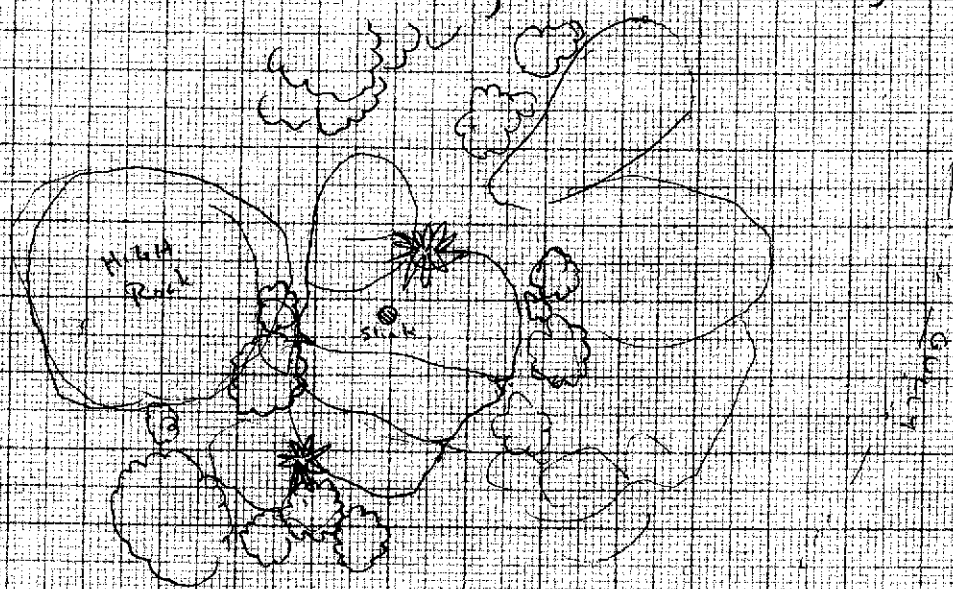
at least 1 slick on tear drop shaped low (10/15 cm) granite boulder

trail from main trail - heavy to heavily dist. damping area at drainage - no artifacts, snake, fair to poor vis.

MM-S-3

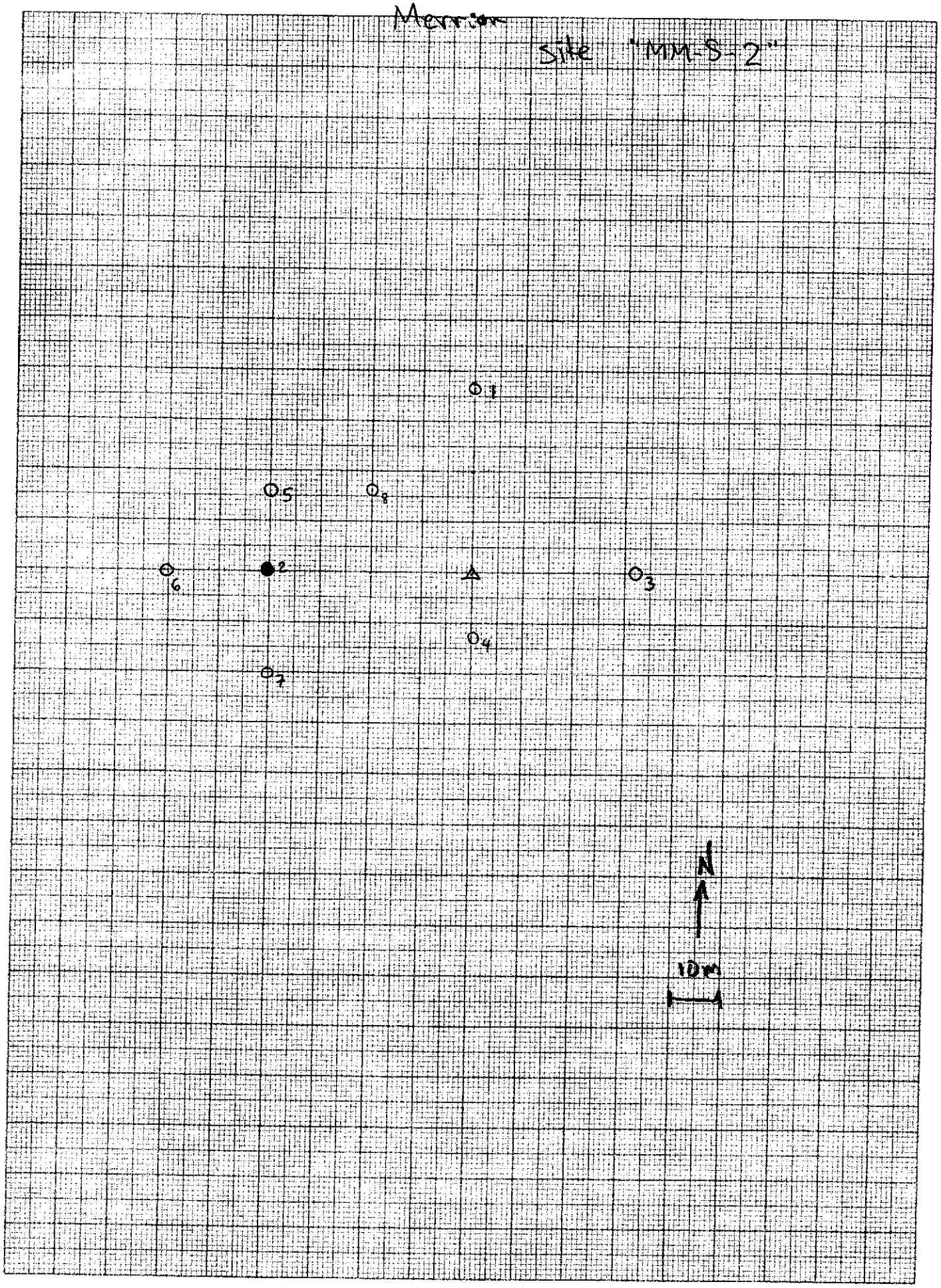
9-21-04

at least 1 slick on large low granite boulder. located ~ 7m east of large high prominent boulder. there is natural upland spring in vicinity and natural gully - approx 20 to 30 meters further east. lots of low flat outcrops in vicinity w/ lots of water-wear - maybe some more slicks but others are marginal. This one is good. ~ ~~30x30~~ cm 25x25 cm



Morrison

Site "MM-S-2"



APPENDIX E

RECORD SEARCH RESULTS

Record Search Results on File at Gallegos & Associates and the South Coastal Information Center, San Diego State University, San Diego

SDSU
San Diego State University

South Coastal Information Center
College of Arts and Letters
4283 El Cajon Blvd., Suite 250
San Diego CA 92105
TEL: 619-594-5682

CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEM

SITE FILES RECORD SEARCH

Source of Request:	GALLEGOS & Associates (Monica Guerrero)
Date of Request:	November 13, 2003
Date Request Received:	November 13, 2003
Project Identification:	Project No. 41-03
Search Radius:	1 mile

( ) The South Coastal Information Center historical files DO NOT show recorded - prehistoric or historic site location(s) within the project boundaries, nor prehistoric site location(s) within the specified radius of the project area.

(x) The South Coastal Information Center historical files DO show recorded prehistoric or historic site location(s) within the project boundaries and/or prehistoric site location(s) within the specified radius of the project area.

Historical Site Location(s) check: J.I. **Date:** November 19, 2003

Archaeological (CA-SDI) and Primary (P-37) site maps have been reviewed. All sites within the project boundaries and the specified radius of the project area have been plotted. Copies of the site record forms have been included for all recorded sites.

Bibliographic Materials check: J.I. **Date:** November 19, 2003

Project boundary maps have been reviewed. The bibliographic materials for reports within the project boundaries and within the specified radius of the project area have been included.

Historic Map(s) check: J.I. **Date:** November 19, 2003

The historic maps on file at the South Coastal Information Center have been reviewed, and copies have been included.

Historic Resources check: J.I. **Date:** November 19, 2003

If there are historic resources within your project boundaries, information from the National Register of Historic Properties, California Register, California State Landmarks, California Points of Historic Interest, and other historic property lists, has been included. A map generated from Geofinder, a historic database and mapping program, has been included.

HOURS: 3.5 **COPIES: 176** **RUSH: No**

This is not an invoice. Please pay from the monthly Billing Statement.

San Diego Museum of Man

REPORT ON ARCHAEOLOGICAL SITE FILES RECORD SEARCH

Source of Request:	**Gallegos & Associates**
Name of Project:	**Merriam Mountain Project, #41-03**
Date of Request:	**8 December 2004**
Date Request Received:	**10 December 2004**

The Record Search for the above referenced project has been completed. Archaeological site file information is enclosed for the following sites located within or in the vicinity of the project area:

W- 223	**W- 1280**	**W- 1910**	**W- 3880a,c/1911**
W- 459	**W- 1458**	**W- 1933**	**W- 3832**
W- 983 - 992	**W- 1501**	**W- 1934**	**W- 4396**
W- 1237	**W- 1545 - 1547**	**W- 3415**	
W- 1279	**W- 1855**		

Project Sites: W- 987, W- 1546-1547, W- 3880

The Museum holds collections for the following sites:
W- 223

Bibliographic information is enclosed for the following reports on archaeological environmental impact studies conducted within or in the vicinity of the project area:

EIS- 7	**EIS- 265**	**EIS- 727**	**EIS- 1129** – no data
EIS- 40	**EIS- 357**	**EIS- 741**	**EIS- 1199**
EIS- 172	**EIS- 417**	**EIS- 753**	
EIS- 227	**EIS- 688**		

This Record Search is based only on information contained in the files of the San Diego Museum of Man. Archaeological site records and/or environmental impact studies pertaining to the project area may exist in other repositories.

Record Search prepared by: Trisha Biers
Trisha Biers

Date of Record Search: December 14, 2004

1350 El Prado, Balboa Park, San Diego, California 92101-1681
Phone: (619) 239-2001, Fax: (619) 239-2749, E-mail: mail@museumofman.org

An educational, non-profit corporation founded in 1915 collecting for posterity and displaying the life and history of mankind.

APPENDIX F

SITE RECORD FORMS

(See Confidential Appendix)

APPENDIX G

SITE RECORD UPDATES

(See Confidential Appendix)

APPENDIX H

NATIVE AMERICAN CORRESPONDENCE

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055

GALLEGOS
& Associates

January 12, 2004

Mr. Larry Myers
Native American Heritage Commission
915 Capital Mall, #364
Sacramento, CA 95814

Dear Mr. Myers

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

The study will identify: previously recorded sites; sites nominated to the National Register of Historic Places (NRHP) and potential National Register Properties; Traditional Cultural Properties; and will provide recommendations to protect any identified significant cultural resources within the Merriam Mountains project area.

We respectfully request any information and/or input that you may have regarding Native American concerns either directly or indirectly associated with this project. We are also interested in knowing if there are individuals in the area who should be contacted prior to completion of this study.

We appreciate your assistance in this matter. If you have any questions or require any further information, please do not hesitate to call.

Best regards,

Dennis Gallegos
Project Manager

Enclosures

STATE OF CALIFORNIA Arnold Schwarzenegger, Governor

NATIVE AMERICAN HERITAGE COMMISSION
915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-4082
Fax (916) 657-5390
Web Site www.nahc.ca.gov

January 20, 2004

Dennis Gallegos
Gallegos & Associates
5671 Palmer Way, Suite A
Carlsbad, CA 92008

Sent by Fax: 760-929-0056
Number of Pages: 2

RE: Proposed Merriam Mountains Project, San Diego County

Dear Mr. Gallegos:

A record search of the sacred lands file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 653-6251.

Sincerely,

Carol Gaubatz
Program Analyst

NATIVE AMERICAN CONTACTS
San Diego County
January 20, 2004

Barona Group of the Capitan Grande
Clifford LaChappa, Spokesman
1095 Barona Road
Lakeside , CA 92040
(619) 443-6612/13
Diegueno

Pala Band of Mission Indians
Robert Smith, Chairperson
P.O. Box 50
Pala , CA 92059
(760) 742-3784
(760) 742-1411 Fax
Luiseno
Cupeno

La Jolla Band of Mission Indians
Wendy Schlater, Chairperson
22000 Highway 76
Pauma Valley , CA 92061
(760) 742-3771/72
(760) 742-1701 Fax
Luiseno

Pauma & Yuima
Christobal C. Devers, Chairperson
P.O. Box 369
Pauma Valley , CA 92061
(760) 742-1289
(760) 742-3422 Fax
Luiseno

San Pasqual Band of Mission Indians
Allen E. Lawson, Chairperson
PO Box 365
Valley Center , CA 92082
(760) 749-3200
(760) 749-3876 Fax
Diegueno

Pechanga Band of Mission Indians
Mark Macarro, Chairperson
P.O. Box 1477
Temecula , CA 92593
(909) 676-2768
(909) 695-1778 Fax
Luiseno

Kumeyaay Cultural Historic Committee
Ron Christman
56 Viejas Grade Road
Alpine , CA 92001
(619) 445-0385
Diegueno/Kumeyaay

Rincon Band of Mission Indians
Culture Committee
P.O. Box 68
Valley Center , CA 92082
(760) 749-1051
(760) 749-8901 Fax
Luiseno

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regards to cultural resources assessment for the proposed Merriam Mountains Project, San Diego County.

NATIVE AMERICAN CONTACTS
San Diego County
January 20, 2004

San Luis Rey Band of Mission Indians
Henry Contreras, Cultural Resources Representative
1763 Chapulin Lane Luiseno
Fallbrook , CA 92028 Cupeno

(760) 728-6722 - Home
(760) 207-3618 - Cell

San Luis Rey Band of Mission Indians
Russell Romo, Captain
2302 Carriage Circle Luiseno
Oceanside , CA 92056 Cupeno

(760) 724-8505
(760) 757-6749 - Fax

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5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Clifford LaChappa
Barona Group of the Capitan Grande
1095 Barona Road
Lakeside, CA 92040

Dear Mr. LaChappa

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

The study will identify: previously recorded sites; sites nominated to the National Register of Historic Places (NRHP) and potential National Register Properties; Traditional Cultural Properties; and will provide recommendations to protect any identified significant cultural resources within the Merriam Mountains project area.

We respectfully request any information and/or input that you may have regarding Native American concerns either directly or indirectly associated with this project. We are also interested in knowing if there are individuals in the area who should be contacted prior to completion of this study.

We appreciate your assistance in this matter. If you have any questions or require any further information, please do not hesitate to call.

Best regards,

Dennis Gallegos
Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Wendy Schlater
La Jolla Band of Mission Indians
22000 Highway 76
Pauma Valley, CA 92061

Dear Ms. Schlater

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

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Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2004

Allen E. Lawson
San Pasqual Band of Mission Indians
P.O. Box 365
Valley Center, CA 92082

Dear Mr. Lawson

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Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Ron Christman
Kumeyaay Cultural Historic Committee
56 Viejas Grade Road
Alpine, CA 92001

Dear Mr. Christman

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

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Dennis Gallegos
Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Robert Smith
Pala Band of Mission Indians
P.O. Box 50
Pala, CA 92059

Dear Mr. Smith

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

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Dennis Gallegos
Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Christobal C. Devers
Pauma & Yuima
P.O. Box 369
Pauma Valley, CA 92061

Dear Mr. Devers

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

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Best regards,

Dennis Gallegos
Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Mark Macarro
Pechanga Band of Mission Indians
P.O. Box 1477
Temecula, CA 92593

Dear Mr. Macarro

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We appreciate your assistance in this matter. If you have any questions or require any further information, please do not hesitate to call.

Best regards,

Dennis Gallegos
Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Culture Committee
Rincon Band of Mission Indians
P.O. Box 68
Valley Center, CA 92082

Dear Culture Committee:

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

The study will identify: previously recorded sites; sites nominated to the National Register of Historic Places (NRHP) and potential National Register Properties; Traditional Cultural Properties; and will provide recommendations to protect any identified significant cultural resources within the Merriam Mountains project area.

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Best regards,

Dennis Gallegos
Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Henry Contreras
San Luis Rey Band of Mission Indians
1763 Chapulin Lane
Fallbrook, CA 92028

Dear Mr. Contreras

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

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We appreciate your assistance in this matter. If you have any questions or require any further information, please do not hesitate to call.

Best regards,

Dennis Gallegos
Project Manager

Enclosures

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

January 27, 2003

Russell Romo
San Luis Rey Band of Mission Indians
2302 Carriage Circle
Oceanside, CA 92056

Dear Mr. Romo

Gallegos & Associates is in the process of preparing a record search, literature review update, and test program for the Merriam Mountains project. The project area is located within the Merriam Mountains in San Diego County, and is bordered by interstate route 15 and North Twin Oaks Valley Road on the east and west, respectively. Buckshot Road/Lawrence Welk Lane Drive and Deer Springs Road border the north and south project boundaries, respectively (Figures 1 and 2).

The study will identify: previously recorded sites; sites nominated to the National Register of Historic Places (NRHP) and potential National Register Properties; Traditional Cultural Properties; and will provide recommendations to protect any identified significant cultural resources within the Merriam Mountains project area.

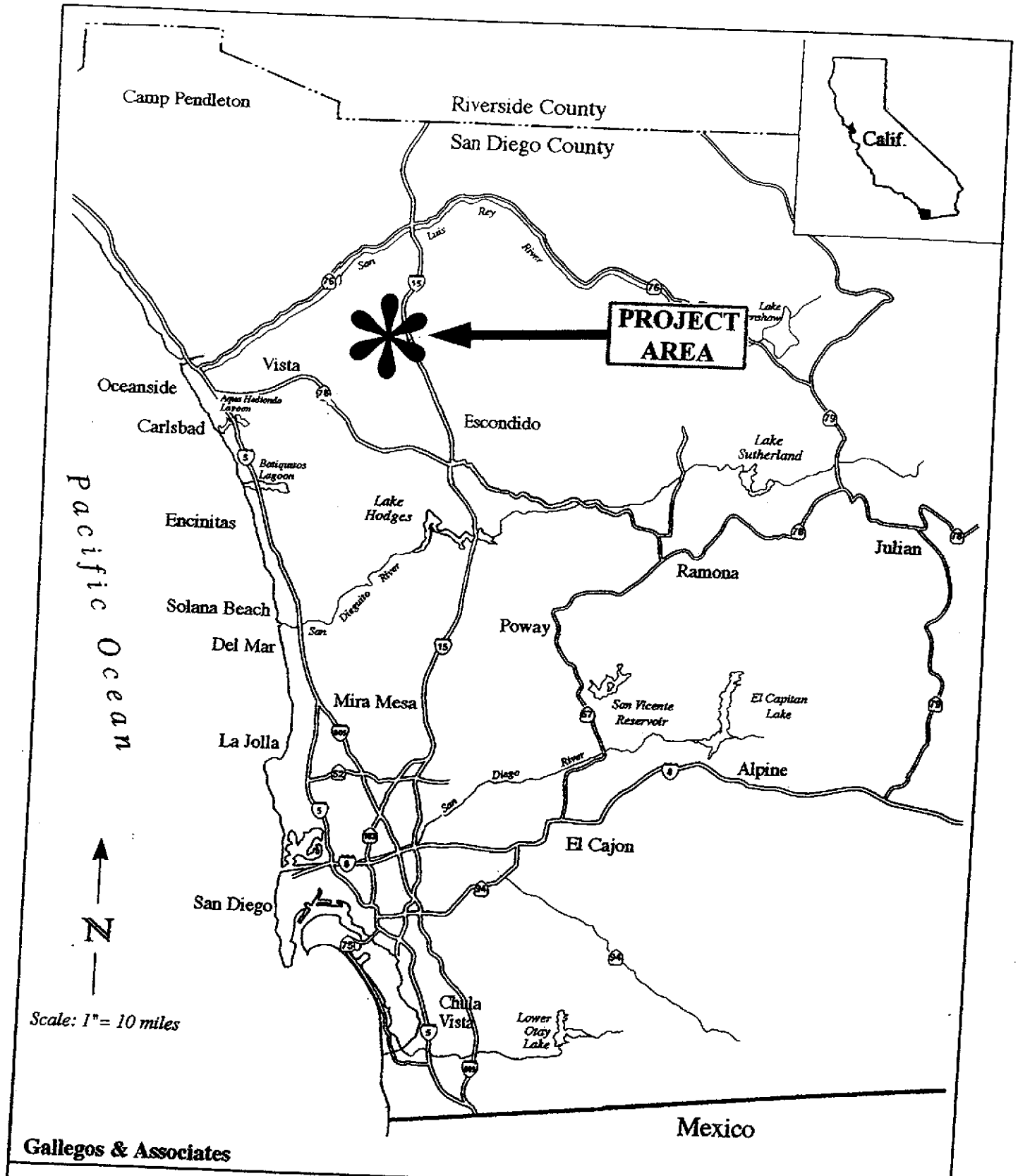
We respectfully request any information and/or input that you may have regarding Native American concerns either directly or indirectly associated with this project. We are also interested in knowing if there are individuals in the area who should be contacted prior to completion of this study.

We appreciate your assistance in this matter. If you have any questions or require any further information, please do not hesitate to call.

Best regards,

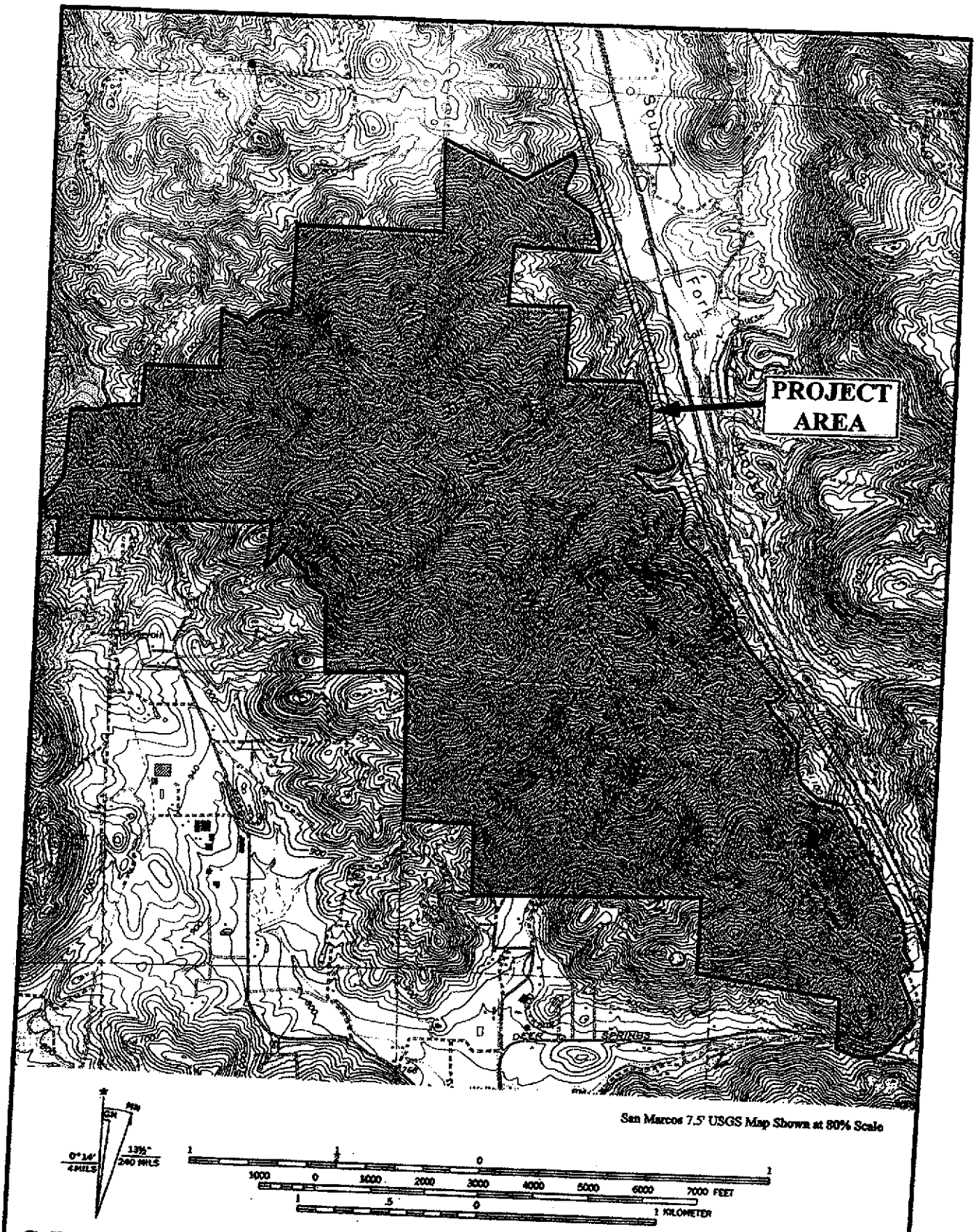
Dennis Gallegos
Project Manager

Enclosures



Regional Location of Project

FIGURE 1



Gallegos & Associates

Project Area Shown on USGS Map

FIGURE 2

SAN LUIS REY BAND OF MISSION INDIANS

Tribal Council

Russell Romo
Captain

Carmen Mojado
Secretary of Government Relations

Charlotte Herrera
Secretary of the Treasury

Tom Beltran
Secretary of Economic Development

Al Cerda
Secretary of Tribal Ethics and Information

Hubert Foussat
Tribal Elder

Marlene Chilcote
Council Member

Mel Vemon
Council Member

Mary Lou Beltran
Council Member

Carrie Lopez
Tribal Advisor

Merri Lopez
Legal Advisor

Contact Information
2302 Carriage Circle
Oceanside, CA 92056
Tel. 760/724-8505
FAX 760/757-6749

San Luis Rey Band of Mission Indians
1889 Sunset Dr.
Vista, CA 92083

Dear Dennis,

As a Native American tribe with concerns about the protection and preservation of areas sacred and important to our people, we thank you for sending us this information. If there are any significant sites on our respective areas we will be in contact with your company.

____No, we are not aware of any sacred or significant site located at or near the project.

____Yes, we are aware of sacred and significant sites located at or near the project.

Project Site Number Merion Mtn. Project

Company Name Gallegos & Associates.

Contact Tribe San Luis Rey Band.

The San Luis Rey Band of Mission Indians thanks you for contacting us and for your concern and respect for our ancestors, it is very important to us to save what is left of our sacred and significant sites.

Sincerely,

Russell Romo

Russell Romo
Chairman

For your records

Merriam
SP 04-06

RECEIVED
OCT 1 5 2004
San Diego County
DEPT. OF PLANNING & LAND USE

TO Whom it May Concern,

Pauma Band of Luiseno Indians,

Pauma Natural Resources.

We are responding to your inquiry about your projected project site. The said site is ~~is not~~ located in an area that affects Native Luiseno religious sites, or in the proximity of said site. Our Natural Resource Office is ~~is not~~ interested in the pursuance of field research of project-site.

We appreciate the inquiry and look forward to future correspondence.

Pauma Band of Luiseno Indians

Pauma Natural Resources Office

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

04-300-094
November 3, 2004

Mr. Chris Devers, Chairperson
Pauma & Yuima
P.O. Box 369
Pauma Valley, CA 92061

Re: Merriam Meeting to Discuss Native American Concerns

Dear Chris:

I have scheduled a meeting with the County (Maggie Loy), to discuss Native American concerns, with respect to the Merriam project for November 9th at 1:00. I hope that you can attend. Please contact Maggie Loy (858-694-3736) or myself (760-929-0055) to confirm that you will be able to attend this meeting.

Best regards,

Dennis R. Gallegos
President

Subj:	**Merriam Meeting at the County**
Date:	10/27/2004 5:25:05 PM Pacific Daylight Time
From:	Gallegos
To:	pmacarro@pechanga-nsm.gov, lmiranda@mtowlaw.com, aminniear@pechanga-nsn.gov

Paul, Laura, and Amy
I trust that you received the fax with the map and site descriptions. I have scheduled the meeting with the County for Tuesday, November 9 from 1-3 PM to discuss archaeological sites within the Merriam property and Native American concerns. Native American invitees include Paul Macarro, Laura Miranda, Amy Minniear, and Mark Mojado. Who else from Pechanga or other reservations should be invited? The County personnel will include Maggie Loy and Glenn Russell. I expect the client (Joe Perring) or a representative from Stonegate, as well as Andrew Garner from Dudek, the Foscoe Engineer (Eric Armstrong) and myself to be present.
Thanks,
Dennis

Dennis Gallegos, President
Gallegos & Associates
5671 Palmer Way, Suite A
Carlsbad, CA 92008
(760) 929-0055 office
(760) 929-0056 fax

AOL MAIL

Subj: **RE: Merriam Meeting at the County**
Date: 11/9/2004 9:37:54 AM Eastern Standard Time
From: "Laura Y. Miranda" <LMiranda@mtowlaw.com>
To: <Gallegos@aol.com>, <pmacarro@pechanga-nsm.gov>, <aminniear@pechanga-nsn.gov>
Cc: "GLENN RUSSELL \(E-mail\)" <GRUSSEPL@co.san-diego.ca.us>, "Glenn S Russell \(E-mail\)" <Glenn.Russell@sdcounty.ca.gov>
Sent from the Internet (Details)

Dennis,

I am confirming that we are still meeting today at the County offices on Ruffin Road at 1 p.m. If this has changed please contact me at the 858 number below, and please call Amy at 951-308-9295 and Mark Mojado. Thank you.

REPLY

FORWARD

REPLY ALL

Sign In Sheet

11/9/04

Name	Company/Affiliation	Contact Info
Andrew Garner	Dudek & Associates	760.479.4232 dgarner@dudek.com
Eric Armstrong	Fuscoe Engineering	(858) 554-1500 eric@fuscoe.co
- Paul Macaoro	Pechanga Cultural Resources	(951) 308-9295 pmacaoro@pechanga-nsn.c
- Laura Miranda	Pechanga / SLR	951-440-4632 lmiranda@mtaw
- Amy Minnieer	Pechanga	951 440-2155 aminnieer@pechanga.
Dana Beddow	DPLU	(858) 694-3656 dana.beddow@sdcounty.ca.gov
Kristin Blackson	DPLU	(858) 694-3012 → kristin.blackson@sdcounty.ca.gov
MAGGIE LOY	DPLU	(858) 694-3736 maggie.loy@sdcounty.ca.gov
DENNIS GALLEGOS	Gallegos & Associates	760 929-0055 GALLEGOS@aol.com
Glenn Russell	DPLU	858 694 2981 glenn.russell@sdcounty.ca.go
JOE PERRING	STONEGATE	949-510-6055 JOE@STONEGATEDEV.COM
LEE SHICK	DPW	858-694-3235 richard.shick@sdcounty.ca.go
Greg Carlton	DPW	858-445-5495

GALLEGOS
& Associates

5671 Palmer Way, Suite A
Carlsbad, California 92008
phone: (760) 929-0055
fax: (760) 929-0056
email: Gallegos@aol.com

FAX TRANSMITTAL FORM

To: Laura Miranda
Miranda, Tomaras & Ogas, LLP
Fax No: (858) 777-5765

From: Dennis Gallegos
Date: October 27, 2004
Time: 10:30 AM

Number of Pages (including this page): 8 including cover

As per your request, I have attached a map showing the Merriam project area, and site descriptions. I have also faxed a copy of this information to Paul Macarro. Please call should you have questions or comments.

GALLEGOS
& Associates

5671 Palmer Way, Suite A
Carlsbad, California 92008
phone: (760) 929-0055
fax: (760) 929-0056
email: Gallegos@aol.com

FAX TRANSMITTAL FORM

To: Paul Macarro
Pechanga Indian Reservation
Fax No: (951) 506-9491

From: Dennis Gallegos
Date: October 27, 2004
Time: 10:30 AM

Number of Pages (including this page): 8 including cover

As per your request, I have attached a map showing the Merriam project area, and site descriptions. I have also faxed a copy of this information to Laura. Please call should you have questions or comments.

MERRIAM MOUNTAINS PROJECT

The literature review and record search were positive, identifying seven cultural resources (CA-SDI-4370, -4558, -5639, -5640, -9253, -9822, and -10747H) within the project area and off-site improvement areas. Two new sites (MM-S-1 and MM-S-2) and one isolate (MM-I-1) were identified during the current survey (Figure 1). The following provides descriptions for previously recorded and newly recorded cultural resources within the Merriam Mountains project area.

Previously Recorded Sites

- **CA-SDI-4370**

Site CA-SDI-4370 was originally recorded by May et al. (1975) as a single milling slick. No surface artifacts or midden were noted during the survey. A survey report for site CA-SDI-4370 was never submitted to the South Coastal Information Center. This site has not been tested to determine site significance.

- **CA-SDI-4558**

Site CA-SDI-4558 was originally recorded by Kearns (1971) for the Interstate 15 project (Cupples 1977). Kearns described the site as an occupation site consisting of metates, manos, flakes, and core and cobble tools. Cook (1977) updated the site during the test program for CA-SDI-4558 (Cook et al. 1977). A total of thirty-five 1x1 m units were excavated, producing large bifaces (San Dieguito and Elko), manos, battered implements, debitage, and marine shell (see Table 1). In addition, two possible hearth features were exposed during the test program. Site CA-SDI-4558 has been identified as significant (Cook et al 1977).

- **CA-SDI-5639**

Site CA-SDI-5639 was originally recorded by Gouveia and Ricard (1977a) as a milling site bisected by Twin Oaks Valley Road. Two milling features and associated ceramic sherds were noted. Smith (1982) later updated the site for the South Coast Asphalt Products Twin Oaks Quarry project. Site CA-SDI-5639 was not relocated and Smith

FIGURE 1
PROJECT AREA, PREVIOUSLY RECORDED CULTURAL RESOURCES, AND NEWLY RECORDED CULTURAL RESOURCES SHOWN ON USGS MAP

(See Confidential Appendix)

Table 1
Artifact Types at Site CA-SDI-9822

Cultural Material	Surface	1X2m Units	Total
Bone Awl	0	100	100
Bone Bead	0	14	14
Bone Hairpin	0	1	1
Bone Ornament	0	238	238
Bone Pipe	0	1	1
Bone Tool	1	18	19
Biface	0	16	16
Projectile Point	13	444	457
Knife	8	69	77
Crescentic	0	1	1
Uniface	1	0	1
Chopper	1	22	23
Scraper	13	374	387
Core/Hammer	0	1	1
Core	1	342	343
Multipurpose Stone Tool	0	3	3
Stone Awl	0	2	2
Retouched Flake	0	2	2
Utilized Flake	13	523	536
Flake Tool	0	15	15
Debitage	984	62713	63697
Stone Ornament	0	3	3
Stone Bead	0	29	29
Pounder	0	1	1
Hammerstone	1	10	11
Hammr/Grindr	0	21	21
Abrader	0	6	6
Arrow Shaft Straightener	0	4	4
Mano	10	104	114
Pestle	2	10	12
Metate	5	39	44
Unidentified Groundstone	3	34	37
Native Ceramic	10609	8192	18801
Ceramic Pipe	1	33	34
Shell Bead	5	3327	3332
Shell Ornament	0	23	23
Glass Bead	0	116	116
Glass Bottle	0	5	5
Misc Glass	0	10026	10026
Faunal Bone	1120	270963	272083
Faunal Shell	12007	72346	84353
Total**	11671	76856	88527

*Table 1-1 is only an approximation of recovered cultural material at CA-SDI-9822, as the original catalog was incomplete.

**Total does not include shell or bone

(1982) stated that the site had been destroyed as a result of construction improvements for Twin Oaks Valley Road and the San Diego Aqueduct (New Horizon Planning Consultants 1982).

- **CA-SDI-5640**

Site CA-SDI-5640 was originally recorded by Gouveia and Ricard (1977b) as a single milling site adjacent to two driveways, Twin Oaks Valley Road and a trailer. Continued plowing was noted at the site. No artifacts were noted during the survey.

- **CA-SDI-9253**

Site CA-SDI-9253 was originally recorded by Heuett (1982) as multiple bedrock milling features consisting of several slicks. Cardenas (1986a) updated the site for the Sycamore Ridge Project and extended the site boundary to approximately 159x55m in area. The 1986 update described site CA-SDI-9253 as a temporary camp consisting of rock shelters, bedrock milling features, debitage, and a midden deposit. The west portion of the site has been impacted by the construction of a 1930s homestead (see site CA-SDI-10747H). This site has not been tested to determine site significance.

- **CA-SDI-9822**

Site CA-SDI-9822 was originally recorded by Rogers (n.d.) in the 1930s as a habitation site, consisting of a dark midden, flakes, mano fragments, a large amount of shell, and bedrock milling features. Site CA-SDI-9822 was updated by Hedges (1977), and a heavily weathered and exfoliated red pictograph design was identified on a rock face, situated in the east portion of the site. In 1990, site CA-SDI-9822 was again updated by Crull (1990). Crull (1990) indicated that the site had been previously excavated by Palomar College between 1980 and 1989. Forty 1x2-m units were excavated and as a result, a wide range of Late Period artifacts, including arrow points, ceramics, bone tools, milling tools, shell beads, obsidian, glass trade beads, shell, bone, and cremations were recovered (see Table 2). In addition, the site was radiocarbon-dated to 540±60 years BP. The southern portion of the site has been destroyed by the construction of Deer Springs Road and a trailer park south of Deer Springs Road. Crull (1990) reported that the habitation area and milling features are protected by a chain-link fence, however

Table 2
CA-SDI-4558: Total Prehistoric Cultural Material Recovered (1977)

Cultural Material	Surface	Units	Features	Total
Abrader	0	1	0	1
Anvil	0	0	1	1
Blade	0	1	0	1
Chopper	0	1	1	2
Core	1	35	2	38
Core/Hammer	0	3	0	3
Crystal	0	1	0	1
Debitage	1	4354	1	4356
Flake tool	0	33	3	36
Ground stone	0	11	6	17
Hammer	0	9	3	12
Mano	1	34	23	58
Mano/Pestle	0	0	1	1
Metate	0	6	6	12
Native Ceramic	0	5	0	5
Ochre	0	10	0	10
Pestle	0	1	0	1
Projectile Point	2	3	0	5
Scraper	0	7	1	8
Antler	0	3	0	3
Bone tool	0	8	0	8
Polished Bone	0	9	0	9
Shaped Bone	0	2	0	2
Bone*	0	549.2	0	549.2
Shell*	0	0.4	0	0.4
Total**	5	4537	48	4590

*weight in grams
**does not include bone or shell

additional milling features and surface artifacts are located outside of the fence. On the basis of previous work, site CA-SDI-9822 is identified as significant, under CEQA and the Country Resource Protection Ordinance.

- **CA-SDI-10747H**

Site CA-SDI-10747 was originally recorded by Cardenas (1986b) for the Sycamore Ridge Project. Site CA-SDI-10747H is located adjacent to the west edge of site CA-SDI-9253 (see above for site description of CA-SDI-9253). Site CA-SDI-10747H represents the remnants of a 1930s homestead, consisting of a three-room house, a stone and concrete fireplace, a stone and concrete one-room foundation, and a partially collapsed wood structure (Cardenas 1986b). White and White (n.d.) conducted a patents record search for Stonegate Development and identified one homestead patent issued in the same section (Section 13, Township 11 South, Range 3 West). Site CA-SDI-10747H is most likely associated with homestead patent #0046358 issued to Orland Arthur Rush in 1931 (White and White n.d.). This site has not been tested to determine site significance.

Newly Recorded Sites

- **MM-S-1**

Site MM-S-1 consists of a lithic scatter located in the southwest portion of the project area. This site consists of a single bifacial mano and three debitage within a dirt road. Due to the dense vegetation the site boundary is unknown.

- **MM-S-2**

Site MM-S-2 consists of a single bedrock milling feature located in the west portion of the project area, within a flat valley. The singe milling feature consists of a large slick, approximately 60cm by 30cm in area. No surface artifacts were noted. Disturbance noted included off-road vehicle use adjacent to the site.

- **MM-I-1**

Isolate MM-I-1 was located within the northeast off-site improvement area. This isolate is a single piece of debitage and was collected. No features or additional artifacts were noted.

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

#134

LETTER OF TRANSMITTAL

To: Paul Macarro and Amy Minniear
Pechanga Cultural Resources
From: Dennis Gallegos
Date: November 19, 2004

Re: Merriam - **Draft** Cultural Resource Survey Report

It was a pleasure meeting you at the County, and I look forward to seeing you at the Pechanga Cultural Resource Center. As per your request, I have enclosed one copy of the Draft *Cultural Resource Survey Report for the Merriam Mountains* Project. Please call me should you want to visit these sites, or should you have questions or comments, or need additional information. Also, I sent one copy of the report to Laura and one copy to Mark.

We are sending you the enclosed, via	X	U.S. Mail
		Express Mail
		Priority Mail
		U.P.S.
		Federal Express
		Messenger/Delivery

5671 Palmer Way, Suite A
Carlsbad, California 92008
(760) 929-0055
email: gallegos@aol.com

GALLEGOS
& Associates

#135

LETTER OF TRANSMITTAL

To: Laura Miranda
Miranda, Tomaras & Ogas, LLP
From: Dennis Gallegos
Date: November 19, 2004

Re: Merriam - **Draft** Cultural Resource Survey Report

It was good seeing you at the County meeting for the Merriam project. As per your request, I have enclosed one copy of the Draft *Cultural Resource Survey Report for the Merriam Mountains* Project. Please call me should you want to visit these sites, or should you have questions or comments, or need additional information.

We are sending you the enclosed, via	X	U.S. Mail
		Express Mail
		Priority Mail
		U.P.S.
		Federal Express
		Messenger/Delivery

MIRANDA, TOMARAS & OGAS, LLP

10755-F SCRIPPS POWAY PARKWAY #281 • SAN DIEGO, CALIFORNIA 92131
TELEPHONE (858) 554-0550 • FACSIMILE (858) 777-5765 • WWW.MTOWLAW.COM

October 29, 2004

Sent via Facsimile and E-Mail
Ms. Maggie Loy
County of San Diego
Department of Planning and Land Use
5201 Ruffin Road, Suite B
San Diego, CA 92123-1666

RE: **COMMENTS ON NOP FOR GPA 04-06; SP 04-06; TM 5381, S04-036, S04-037, S04-038, LOG NO. 04-08; MERRIAM MOUNTAINS SPECIFIC PLAN**

Dear Ms. Loy:

We write this comment letter on behalf of the Pechanga Band of Luiseño Indians and the San Luis Rey Band of Mission Indians ("Tribes"). We submit this letter after the 4:00 p.m. deadline based on our telephone conversation wherein you agreed to accept our comments as long as you received them by Monday morning. We thank you for this extension, and request that these comments, as well as subsequent comments submitted by the Tribes, be included in the record for approval of the Project.

The Tribes have reviewed the NOP for this Project and have also reviewed a listing of sites description by Gallegos & Associated that was faxed to us on October 27, 2004. The Tribes look forward to submitting more detailed comments when they receive further information on the specific impacts to cultural resources. At this time the Tribes are submitting general comments regarding their interests and concerns with this Project.

In addition, the Tribes request, pursuant to Public Resources Code §21092(b)(3), to be notified and involved in the CEQA environmental review process for the duration of the Project.

TRIBAL INTEREST

As you know, the Tribes have a long history of involvement with projects within the County, including working as a partner in assessing cultural resources impacts and creating appropriate mitigation measures for such impacts. The Tribes are not opposed to this development Project. The Tribes primary concerns stem from the Project's likely impacts on Luiseño cultural resources.

Because portions of the San Diego County area is part of the Tribes aboriginal territory the Tribes have a cultural and legal interest in the protection of cultural resources that will be impacted by this Project. The Tribes are concerned about both the protection of unique and

irreplaceable cultural resources, such as Luiseño village sites and archaeological items which would be displaced by ground-disturbing work on the Project, and on the proper and lawful treatment of cultural items, Native American human remains and sacred sites likely to be discovered in the course of the work.

PROJECT AREA GENERALLY

As you know, there are numerous culturally sensitive sites in and around the proposed Project area. In particular there approximately 10 previously recorded prehistoric archaeological sites on the Project property and many additional sites (number unknown at this time) within a one mile radius of the project area. In fact the entire area is a known Luiseño village complex, and holds great importance to the Tribes as there are a number of culturally sensitive sites which comprise the village complex, including ceremonial sites, habitat sites, burial sites, and religious sites. Most importantly, it is the Tribes' understanding that some of these sites are part of a village area in which numerous Native American burials and human remains were uncovered during the build-out of the 15 Freeway. As such, the Tribes consider this area to be sacred.

Consequently, it follows that, because this Project area is rich with cultural items, sacred cultural items, and Native American remains, development of this Project area will have a direct impact on known significant and unique archeological/cultural/historical resources that are culturally affiliated with the Tribes (CEQA Guidelines § 15064.5). As such, the County must take appropriate measures to mitigate the impacts to cultural resources in accordance with CEQA, the County Resources Protection Ordinance (RPO), and the Tribes cultural and spiritual practices (Cal. Pub. Res. C. § 21083.2; CEQA Guidelines § 15126.4(b)(3)(A)).

REQUESTED PARTICIPATION, MITIGATION AND CONDITIONS

The Tribes will be engaging in further assessment of the Project area, in consultation with tribal elders, to identify more specific information about this culturally sensitive area. To assist with this, **the Tribes are requesting that they be allowed to participate in all archeological resources assessments, surveys and testing.** The Tribes possesses necessary information about the archeological and cultural sensitivity that an archeological survey alone will not reveal, **and should also be consulted with at the earliest possible stage of the environmental review to assist in identifying and creating an appropriate mitigation plan for the cultural resources impacts** (Cal. Pub. Res. C. § 21081).

Based on the history of known cultural resources in the area, the **Tribes contends that a thorough cultural resources assessment should be completed through the EIR process for the Project, including Phase II (to determine boundaries and significance in some instances) and Phase III recovery in the areas that will not be avoided.** If it has not already been done, **the Tribes also request a site records search, of the area comprising a 1-mile radius around the Project area, including identifying sites that are located on the opposite side of the 15 Freeway.** The Tribes believe that all of the sites in the vicinity are related to each other, and understanding the composition and integrity of the other sites in the vicinity will better

enable all parties to identify the types of resources that exist on the Project property as well as estimating resource concentration locations. In addition, **the Tribes requests that the County and developer take steps for the protection of any uncovered resources in the process of any such assessment, and include the Tribes in such assessments.**

Given the significant potential for archaeological resources within the Project area, **it is the position of the Tribes that Tribal monitors (1 from each Tribe) should be required to be present during all ground-disturbing activities conducted in connection with the Project, including any archeological testing.**

Based upon review of the site descriptions provided by Gallegos & Associates, the Tribes assert in their expert opinion that there is a high probability that prehistoric/historic sites, including sacred, ceremonial, and burial sites will be impacted by development of the project. As such, **the Tribes also request that the County include a mitigation measure requiring a preservation plan or treatment agreement with the Tribes, which addresses inadvertent discoveries of cultural resources, sacred sites and Native American human remains** (Cal. Pub. Res. C. 21083.2(i)). According to the Cal. Pub. Res. C. § 5097.98, if Native American human remains are discovered, the Native American Heritage commission must name a "Most Likely Descendant," who shall be consulted as to the appropriate disposition of the remains. Given the Project's location in Luiseño aboriginal territory, the Tribes intends to assert its right pursuant to California law with regard to any Native American human remains discovered in the course of this Project. In addition, **the Tribes request that the Developer be conditioned to relinquish ownership rights of all cultural resources located on the Project property in favor of the Tribes.**

In addition, the Tribes are independently aware that the northern most portion of this Project contains sites which the Tribes regard as highly culturally sensitive. The Tables provided by Gallegos & Associates depicting the types of resources located at two of the sites are extremely compelling to that end as well (Table 1: Artifact Types at Site CA-SDI-9822; Table 2: CA-SDI-4558: Total Prehistoric Cultural Material Recovered (1977)). More importantly, these sites are part of the area in which numerous burials and Native American human remains were previously uncovered during the build-out of the 15 Freeway, and therefore the Tribes consider this area to be sacred. As these sites have been determined to be unique and significant pursuant to CEQA and the County RPO, and avoidance is the preferred method of mitigation for significant sites (CEQA Guidelines § 15126.4(b)(3)(A)), **the Tribes request that this entire area comprising sites CA-SDI 9822 and CA-SDI 4558 be avoided and preserved in open space,** with the option for the Tribes to manage these lands, either through ownership or the dedication of an Open Space Easement to the Tribes.

Lastly, as the CEQA encourages plans for inadvertent discoveries (Cal. Pub. Res. C. 21083.2(i)), the Tribes also **request a controlled grading program for the culturally sensitive areas of the Project** that will be developed, as it is the opinion of the Tribes that there may be additional subsurface sites that are unknown that this time, as well as the possibility of Native American human remains.

The Tribes thank you for the opportunity to submit these comments, and look forward to working together with the County of San Diego, the developer, and other interested entities in protecting the invaluable Luiseño cultural resources found in the San Diego County area.

If you have any questions, please do not hesitate to contact us.

Sincerely,

Laura Miranda

Cc: Glenn Russell, County DPLU
Gallegos & Associates

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Volume 3 of 3 available upon request