

Appendix J

Cultural Resources Report



Cultural Resources Inventory Report
for the Moore Road Subdivision
Project, Lincoln, Placer County,
California



Document Information

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Abstract

In January 2014, a cultural resources study was conducted on approximately 90 acres of land for Praxis Properties. Praxis Properties proposes to develop a residential community located west of the City of Lincoln, Placer County, California (See Figures 1, 2). The assessment was conducted in order to illustrate compliance with Section 106 of the National Historic Preservation Act of 1966 (NHPA) (16 U.S.C. § 470f) and its implementing regulations in 36 C.F.R. Part 800. These investigations were conducted because the proposed Project will result in the discharge of fill into waters under the jurisdiction of the U.S. Army Corps of Engineers, therefore requiring a Clean Water Act, Section 404 permit which triggers the need for a Clean Water Act, Section 401 Water Quality Certification.

To comply with federal regulations, Cardno conducted archaeological and historical investigations in the project Area of Potential Effects (APE) which are consistent with the guidelines for compliance with Section 106 of the National Historic Preservation Act provided by the United States Army Corps of Engineers (ACOE) (ACOE 2011). The APE includes the vertical and horizontal extent of all possible ground disturbance activities which will occur within one contiguous polygon, bounded on the south by Moore Lane (Figure 2). The following ground disturbance activities will occur within the APE: grading of the entirety of the APE in order to facilitate the development of the parcel for residential community structures. The following equipment may be used for this effort: bulldozers, excavators, loaders, concrete mixers, compactors, and haul and dump trucks. The investigations consisted of (1) background research, including a formal records search conducted at the North Central Information Center (NCIC) (Appendix A) (2) archaeological survey and (3) Native American coordination (Appendix B).

Records search results indicate that no previously recorded cultural resource are present within the APE but one cultural resource was identified within the ¼-mile records search radius. Only a small portion of the Project APE has been subjected to previous intensive level survey (Derr 1997).

Cardno field personnel conducted a reconnaissance level survey of 100% of the APE on January 26th, 2015. A crew of four surveyed east/west trending transects at an interval not exceeding 15 meters across the APE. One resource (MP-1) was encountered during the pedestrian survey. The resource consists of a scatter of historic-era and modern debris and does not meet the criteria for eligibility to the National Register of Historic Places (NRHP). In addition, a Cardno Architectural Historian qualified under the Secretary of the Interior's Professional Qualification Standards conducted background research and property reconnaissance and determined that there are no historic period built environment resources in the APE, with all built environment resources on the property dating from the 1970s and 1990s. No further cultural resource documentation activities regarding this resource are required.

1 Introduction

1.1 Project Location

The parcel is rectangular in shape and is bordered by Moore Road on the south and undeveloped lands to the west, north, and east (Figures 1 & 2). The property is located in the southeastern quarter of Section 19, Township 12 North, Range 6 East of the Lincoln U.S. Geological Survey (USGS) 7.5 minute topographic quadrangle map (latitude 38.8717° north; longitude -121.3466° west). Elevation ranges from approximately 110 to 127 feet above mean sea level (amsl).

1.2 Project Description

The Moore Road Subdivision Project Area is comprised of 90 acres located on the west border of the City of Lincoln along and north of Moore Road. The Moore Road Subdivision Area is comprised of 90.0 acres located adjacent to the City of Lincoln boundary generally to the southwest of the downtown area of City of Lincoln along Moore Road. Approximately 20.0 acres of Low Density Residential Development at 5.5 dwelling units per acre and 34.0 acres of very low density residential development at 1.2 dwelling units per acre are proposed on the project site with 5.7 acres of major roads. The project also sets aside 30.3 acres of Open Space and Landscape Corridors.

1.3 Regulatory Context

The assessment was conducted to comply with Section 106 of the National Historic Preservation Act of 1966 (NHPA) (16 U.S.C. § 470f) and its implementing regulations in 36 C.F.R. Part 800. Since the Project would affect waters of the United States, the project proponent must meet requirements of Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act, and therefore, is seeking a permit from the U.S. Army Corps of Engineers, Sacramento District.

1.3.1 Federal Regulations

The National Register of Historic Places (NRHP)

The NHPA was passed in 1966 to provide a regulatory framework to ensure that significant resources are recognized and protected during federal projects and program through the Section 106 and Section 110 compliance processes. For compliance with the NHPA, cultural resource significance is evaluated in terms of eligibility for listing in the NRHP.

The NRHP is a list of historic properties that represent the local, state, and national heritage of the United States. The National Park Service (NPS) manages the list for the Department of the Interior; however, each state historic preservation office reviews the eligibility assessments and forwards recommendations for listing from the state level. The NRHP program is intended to provide recognition of the importance of a property and serve as a record of our nation's heritage for the benefit of future generations.

NRHP significance criteria that may be applied to evaluate the cultural resources in this study are defined in 36 Code of Federal Regulations 60.4 as follows. The quality of significance in American history, architecture, archaeology, engineering, and culture is present in districts, sites, buildings, structures, and objects that possess integrity of location, design, setting, materials, workmanship, feeling, and association, and :

- A. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- B. That are associated with the lives of persons significant in our past; or
- C. That embody the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent

a significant and distinguishable entity whose components may lack individual distinction;
or

- D. That has yielded, or may be likely to yield, information important in prehistory or history.

In addition to meeting the four main criteria, properties considered for listing in the NRHP must retain integrity. Integrity refers to the ability of a property to convey its significance. In other words, a historic resource must have intact enough physical characteristics or features in order to communicate its significance under one or more of the NRHP criteria. NRHP guidelines recognize seven aspects or qualities that define integrity. The seven aspects are location, design, setting, materials, workmanship, feeling, and association. The Secretary of the Interior defines these aspects as follows:

- *Location* is the site where the resource was originally constructed.
- *Design* includes the form, plan, and style of a property.
- *Setting* is the physical surroundings of a property.
- *Materials* are the physical surroundings of a property.
- *Workmanship* is the evidence of the craftsmanship or ability of a culture.
- *Feeling* is the property's ability to express a sense of time.
- *Association* is the "direct link" evident between the property and an important event or person.

A property must have both significance and integrity to be considered eligible for listing in the NRHP, because the period of significance establishes the baseline or standard against which integrity is measured. Loss of integrity, if sufficiently great, will overwhelm the historical significance of resource and render it ineligible for listing. In addition to significance and integrity, a resource must be at least 50 years old in order to be eligible for listing in the NRHP unless it meets specific and exacting standards for exceptional significance. A full explanation of the procedures for evaluating historic resources can be found in publications issued by the NPS, including National Register Bulletin 15, *How to Apply the National Register Criteria for Evaluation* (USDI National Park Service 1982).



Figure 1. Project Vicinity Map

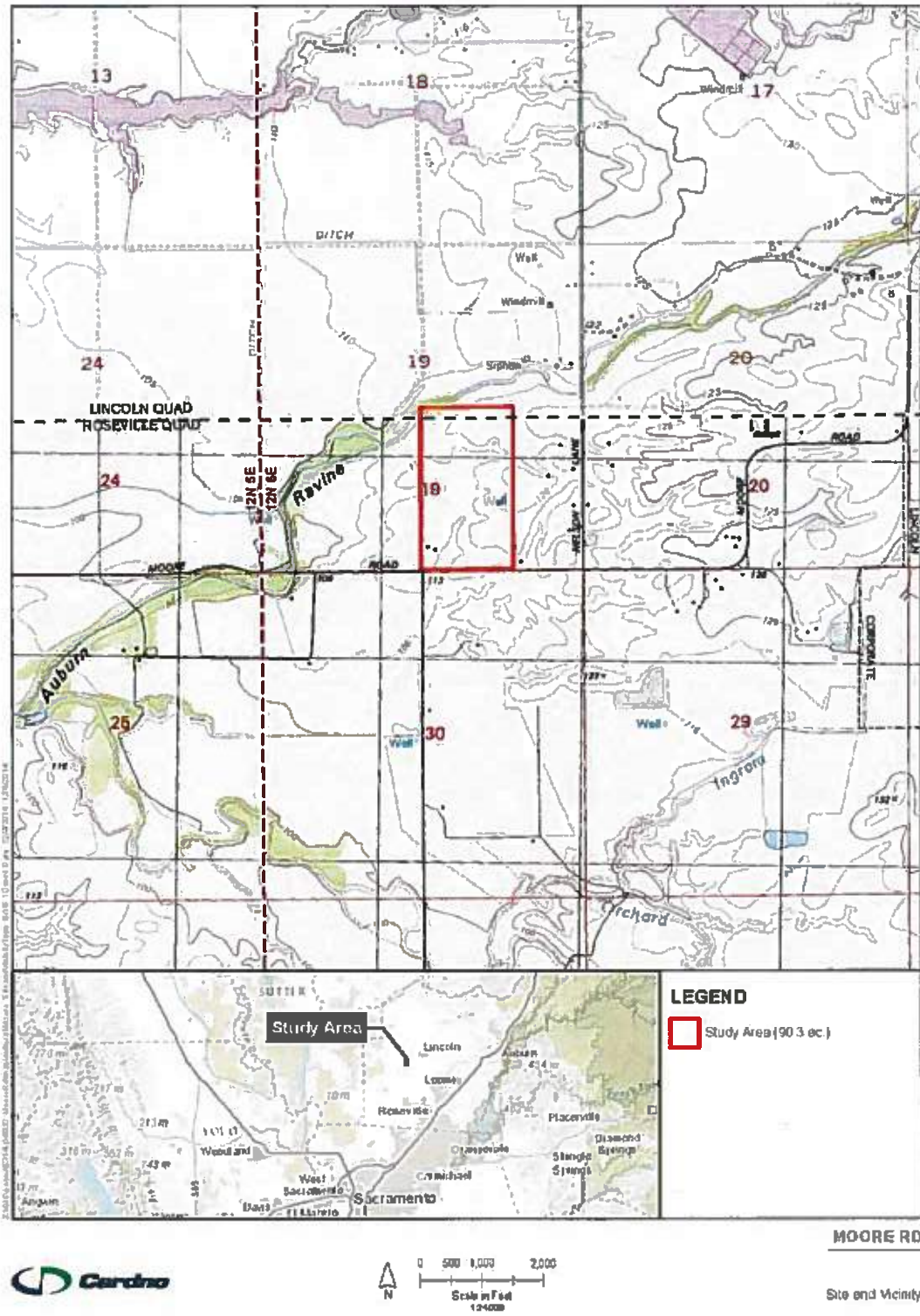


Figure 2. Project Location Map

1.4 Area of Potential Effect (APE)/Permit Area

The Project's APE is located within one contiguous polygon, bounded on the South by Moore Road and on the west, north, and east by agricultural lands (Figure 3). The legal location of the project is: T12N; R6E; in the southeastern quarter of Section 19. A total of 59.7 acres of the parcel is subject to development and an additional 30.3 acres will be set aside for Open Space and Landscape Corridors. The APE consists of the horizontal and vertical characteristics of the Project, which could cause a significant impact or adverse effect to Historical Resources or Historic Properties. The horizontal APE consists of all areas where activities associated with the project are proposed, approximately 90 acres. The vertical APE is the maximum depth of Project excavation for all Project activities, and will vary across the Project. Vertical APE also includes the total maximum height of buildings and structures, including up to 50 feet above the ground surface.

1.1 Personnel Qualifications

All cultural resources work for the proposed project was conducted under the direct supervision of Principal Investigator Joshua Peabody, M.A. (16 years of experience), an archaeologist who meets the Secretary of the Interior's Standards and Guidelines for Professional Qualifications in Archaeology and History. Darren Andolina, M.A. (17 years of experience) and Garret Root, M.A., (5 years of experience) authored this report. Mr. Andolina is also an archaeologist who meets the Secretary of the Interior's Standards and Guidelines for Professional Qualifications in Archaeology and History. Field personnel included Mr. Andolina, Ms. Ashley Hallock, Mr. Garret Root, and Mr. Joseph Fayer. Ms. Michella Rossi, B.A., conducted the records search and Native American correspondence.

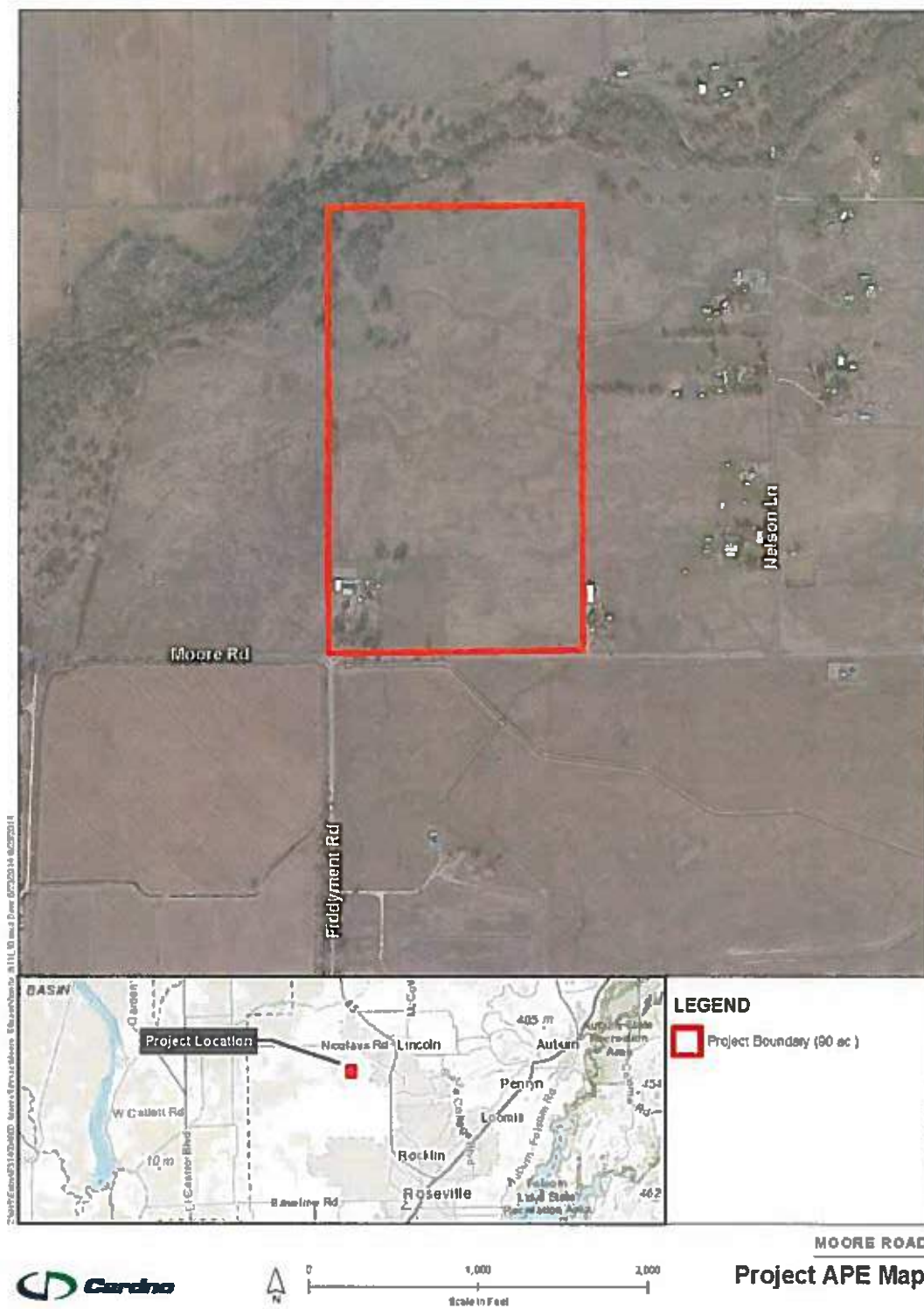


Figure 3: Area of Potential Effects Map

2 Setting

The following cultural setting for the study area provides the backdrop against which resources are evaluated for inclusion in the NRHP. The Project is situated west of the City of Lincoln, California, in the Sacramento River Valley at the base of the Sierra Nevada Foothills. This area provided a rich resource base that was exploited by prehistoric and historic Native American populations. Euroamericans also used the area for mining, agriculture, and ranching. The environment and geomorphology of the region addresses the nature of environmental change and the effects that landscape evolution has had on the formation and preservation of the archaeological record. The prehistoric context describes the prehistoric archaeology of California's Great Central Valley and eastern foothills region and the study area for the Project. The ethnohistoric context describes the lifeways, settlement, and subsistence of prehistoric and contact period Native Americans who inhabited the study area. The historic context provides background for the region and describes the early history of the region and the specific study area.

2.1 Natural Environment

2.1.1 Geology

Igneous and metamorphic rocks of diverse composition and age characterize the geology of the Sierra Nevada (Norris and Webb 1990:63). These rocks are called the "basement" or subjacent series. In the north-central Sierra Nevada sedimentary and volcanic rocks overlie the subjacent series and are known as the superjacent series (Norris and Webb 1990:63). Subdividing the north-central Sierra Nevada into four areas, the foothills, the midslope, the crest, and the immediately adjacent western edge of the Great Basin facilitates the geologic description of the region. The project is located in the western foothill zone of the north-central Sierra Nevada, and the principle rocks of the area are Mesozoic metavolcanics, metasediments, and metamorphics (e.g., slates and graywackes) that surround intrusive igneous rocks representing the underlying batholith (Hill 1975; Norris and Webb 1990). The project area is composed of sorted riverine sediments and decomposed granitic soils interfacing with exposed granitic batholith resulting in low southwest trending finger ridges with granite along their lengths and especially at the ridge terminus into essential river floodplain. The majority of the project area is in these low floodplain areas currently used for agriculture.

2.1.2 Flora and Fauna

Mayer and Laudenslayer (1988) developed the California Wildlife-Habitat Relations System (WHR). In this scheme wildlife habitats are classified in a standardized manner with respect to vegetation, habitat stages (i.e., successional stages), biological setting, physical setting, and distribution. The WHR system was primarily designed to recognize and categorize major vegetation complexes in a manner that would facilitate predicting wildlife-habitat relationships. Its ecological approach also facilitates much wider applications, including human interaction with the environment. The plant and animal communities encompassing and surrounding the proposed Project are a mixture of valley oak woodland (Ritter 1988), annual grasslands (Kie 1988), seasonal wetland (Kramer 1988), riparian areas along creeks (Grenfell 1988), and urban habitats (McBride and Reid 1988).

Typical flora found in this region includes Valley Oak (*Quercus lobata*), Interior Live Oak (*Quercus wislizenii*), Willows (*Salix*) Sycamore (*Platanus racemosa*), Fremont Cottonwood (*Populus fremontii*) and California Buckeye (*Aesculus californica*). Fauna found within a valley oak woodland environment include Great Horned Owls (*Bubo virginianus*), California Quail (*Callipepla californica*), Western Bluebird (*Sialia mexicana*), California Ground Squirrel (*Spermophilus beecheyi*), Western Gray Squirrel (*Sciurus griseus*), and Coyote (*Canis Latrans*).

2.2 Regional Prehistory

The Project APE borders the California's Central Valley to the west and the Sierra Nevada mountain range to the east

2.2.1 Prehistory of the Central Valley

The Central Valley of California has long held the attention of California archaeologists, and was a focus of early research in California. Archaeological work during the 1920s and 1930s led to the cultural chronology for central California presented by Lillard, Heizer, and Fenenga in 1939. This chronology was based on the results of excavations conducted in the lower Sacramento River Valley. The chronology identified three archaeological cultures. These cultures were named Early, Transitional, and Late (Lillard et al 1939). An antecedent to the Early Culture was postulated, but neither characteristics nor probable origins of this earlier culture were discussed in detail (Lillard et al 1939).

Heizer (1949) redefined the description of these three cultures. He subsumed the three cultural groups into three time periods, designated the Early, Middle, and Late Horizons. Heizer (1949), however, primarily focused his new archaeological research and reexamination of Lillard et al (1939) on the Early Horizon, which he named Windmiller. He also intimated that new research and a reanalysis of existing data would be initiated for cultures associated with the Middle and Late Horizons. Heizer, however, did not complete this work, and it was left for other researchers.

Ragir (1972) reanalyzed, updated, and elaborated the description, temporal span, and geographic distribution of Windmiller. Ragir (1972) refined the temporal span for Windmiller, dating it from 4,500-2,500 B.P., with a maximum age of 7,000 B.P. The 7,000 B.P. dates for the origin of Windmiller was postulated because the culture described at 4,000 years ago appears to be fully developed and seems well integrated into the regional economic system (i.e., artifacts of exotic materials, such as marine shell and obsidian are present in the assemblage). Heizer (1949) and Ragir (1972) presented a set of characteristics to identify Windmiller. Some of these characteristics are: large and heavy, stemmed and leaf-shaped projectile points commonly made on a variety of materials other than obsidian; perforate charmstones; Haliotis and Olivella shell beads and ornaments; trident fish spears; baked clay balls (presumably for cooking in baskets); flat slab millings; small numbers of mortars; and ventrally extended burials oriented toward the west (Heizer 1949; Ragir 1972). The subsistence pattern of Windmiller groups probably emphasized hunting and fishing, with seed collecting (possibly including acorns) supplementing the diet (Heizer 1949; Ragir 1972; Moratto 1984).

Windmiller groups at about 4,000 B.P. are firmly established in the Lower Sacramento River Valley and are interacting with their neighbors. Windmiller groups acquired: obsidian from at least two Coast Range and three trans-Sierran sources; haliotis and olivella shells and ornaments from the coast; and quartz crystals from the Sierra foothills (Heizer 1949; Ragir 1972). It is hypothesized that the bulk of these materials were acquired through trade. Some of these materials, however, may have been acquired as part of seasonal movements between the Central Valley and the Sierra foothills.

There is evidence for seasonal transhumance in the distribution of Windmiller artifacts, sites, and burial patterns. Johnson's work (1967; 1970) along the edge of the Sierra Nevada foothills at Camanche Reservoir and CA-Ama-56, the Applegate site, suggest a link between Windmiller of the Central Valley and the Sierra Nevada mortuary caves. Johnson (1970:119) further suggests that his data reveals a pattern of gradual change from the Early through the Middle Horizon, rather than a displacement of local groups by foreign populations as postulated by Baumhoff and Olmstead (1963) based on ethnolinguistic evidence. Rondeau (1980) also working at the edge of the Central Valley at CA-Eld-426, the Bartleson Mound, identified components of the Early Horizon. He (1980:58) even postulated a potential relationship between the Early Horizon cultures and the Martis Complex. In addition, analysis of Windmiller burial orientation (Schulz 1970) and skeletal analyses (e.g., Harris Lines) by McHenry (1968) suggest a high percentage of winter death among Windmiller groups. Incorporating all these data, Moratto (1984:206)

states that as early as 4,000 B.P. Windmillers may have been exploiting the foothills of the Sierra Nevada during the summer and returning in the winter to villages in the Central Valley.

Beyond lithic procurement Heizer does not discuss the possibility of Windmillers ties to the foothills or the Great Basin. He (1949) does suggest, however, that the valley floor may have been abandoned at the end of the Early Horizon, with the valley edges becoming a location for "cultural blending" with groups beyond the geographic limits of the valley. Heizer (1949) acknowledged that there were general similarities between Windmillers assemblages and those of other cultures found in different regions of California. Similarly, excavations at CA-PLA-500 (cf., Wohlgemuth 1984), the Sailor Flat site located near CA-PLA-101, and sites at the 12 Bridges Golf Course (cf., Jackson 2000) in Rocklin provides similar data to Spring Garden Ravine, CA-PLA-101. Consequently, there is evidence to support the hypothesis that there is a relationship between the Martis Complex and the Early Horizon or Windmillers of the Central Valley. Regardless, Ritter (1970: 532) believes that the Spring Garden Ravine site highlights the adaptation to the ecotone between the pine forest and oak-chaparral woodland (i.e., the Transition Zone) by Martis cultural groups beginning around 4,000 B.P. Ritter supports Elsasser's earlier hypothesis that the Martis Complex reflects an adaptation to the ecology of the Transition Zone.

The succeeding Middle Horizon, named the Cosumnes Culture by Ragir (1972), was first recognized at CA-Sac-66. The Middle Horizon is characterized by: tightly flexed burials with variable orientation; red ochre stains in burials; distinctive Olivella and Haliotis beads and ornaments; distinctive charmstones; cobble mortars and evidence of wooden mortars; numerous bone tools and ornaments; large, heavy foliate and lanceolate concave base projectile points made of materials other than obsidian; and objects of baked clay. Middle Horizon cultures are generally quite different from Windmillers, but do continue to exhibit some of the characteristics of Windmillers such as similar projectile point forms. The similarities in projectile point form may be indicative of cultural continuity and/or functional and adaptational success of particular forms. Regardless, many projectile point forms span long periods of time and may also be found in the assemblages of presumably different cultural groups. The Late Horizon, labeled the Hotchkiss Culture by Ragir (1972), ranges in age from 1,500 B.P. to contact. The Hotchkiss Culture primarily represents both local innovation and the blending of new cultural traits introduced into the Central Valley. It is distinguished by intensive fishing, extensive use of acorns, elaborate ceremonialism, social stratification, and cremation of the dead.

2.3 Ethnography

Prior to the arrival of Euroamericans in the region, California was inhabited by groups of Native Americans speaking more than 100 different languages and occupying a variety of ecological settings. Kroeber (1925, 1936), and others (i.e., Murdock 1960; Driver 1961), recognized the uniqueness of California Native Americans and classified them as belonging to the California culture area. Kroeber (1925, 1936) further subdivided California into four subculture areas, Northwestern, Northeastern, Southern, and Central. The Central area encompasses the current project area and includes the Nisenan or Southern Maidu. Nisenans inhabit the drainages of the Yuba, Bear, and American rivers, and also the lower reaches of the Feather River, extending from the east banks of the Sacramento River on the west to the mid to high elevations of the western flank of the Sierra Nevada (Wilson and Towne 1978). Nisenans are members of the Maiduan Family of the Penutian stock and are generally divided into three groups based on dialect differences: the Northern Hill Nisenan in the Yuba River drainage; the Valley Nisenan along the Sacramento River; and the Southern Hill Nisenan along the American River (Kroeber 1925; Beals 1933; Wilson and Towne 1978).

2.3.1 Social Organization

The basic social and economic group for the Nisenan was the family or household unit. The nuclear and/or extended family formed a corporate unit. For the Nisenan these basic units were combined into distinct, named village or hamlet groups. Each village was largely composed of consanguine relatives (Littlejohn 1928:21; Beals 1933:358). Lineage groups were important political and economic units that

combined to form tribelets, which were the largest sociopolitical unit identified for Nisenan (Wilson and Towne 1978). Each tribelet had a chief or headman who exercised political control over all villages within it. The role of chief seems to be an advisory role with little direct authority (Beals 1933:359). Tribelets assumed the name of the head village where the chief resided (Beals 1933:358-359; Levy 1978:410). The office of tribelet chief was hereditary, with the chieftainship being the property of a single patrilineage within the tribelet.

Tribelet populations of Valley Nisenan were as large as 500 persons (Wilson and Towne 1982:6), while foothill and mountain tribelets ranged between 100 and 300 persons (Littlejohn 1928:21; Levy 1978:410). Each tribelet possessed at least one ceremonial roundhouse (kum). Each tribelet owned a bounded tract of land and exercised control over its natural resources (Littlejohn 1928:33-34). Beals (1933:359) estimates that Nisenan tribelet territory averaged approximately 10 miles along each boundary, or 100 square miles, with foothill territories tending to encompass more area than mountain territories. Littlejohn (1928:23) notes that these boundaries were in many instances indicated by piles of stones. Regardless, Nisenan tended to stay within their village areas except during the summer season when groups of people would move up into the mountains to hunt and gather (Littlejohn 1928:24).

2.3.2 Settlement and Subsistence Patterns

Nisenan practice seasonal transhumance, moving from one area or elevation to another to harvest plants, fish, and hunt game across contrasting lifezones that are in relatively close proximity to each other. Valley Nisenan generally did not range beyond the valley and lower foothills. Conversely, foothill and mountain groups of Nisenan ranged across a rather more extensive area that included jointly shared territory whose entry was subject to traditional understandings of priority of ownership and current relations between the groups (d'Azevedo 1986:467).

Nisenan usually lived in permanent villages that generally had a southern exposure, were surrounded by an open area, and were located above, but close to water courses (Littlejohn 1928:13). Beals (1933:363) notes that permanent villages in the foothills and mountains were usually located on high ground between rivers. Valley villages were also usually located on raised areas to avoid flooding. Littlejohn (1928:13) states that at one time or another there were settlements located on every small stream within Nisenan territory, but permanent villages were not located in steep and dark narrow canyons of large rivers, or at altitudes where deep snows persisted throughout the winter. In fact, permanent occupation sites above 3,500 feet were only located in protected valleys (Littlejohn 1928:20).

During most of the year, Nisenan generally occupied permanent villages located below about 2,500 feet. The rather large uninhabited region between the 3,000-foot contour and the summit of the Sierra Nevada was considered "open ground" which was only used by communities living along its edge (Littlejohn 1928:20). The availability of resources influenced the location of Nisenan permanent villages, since they acquired a proportion of their food resources from the general area surrounding them (Littlejohn 1928; Wilson and Towne 1978). Other essential and critical food resources, however, were obtained during the summertime when groups left, but did not abandon, permanent villages at lower elevations and traveled east into their "mountain territories" following streams and rivers (Littlejohn 1928:24; Wilson and Towne 1978:389). During the summer small "base camps" were established at higher altitudes in proximity to a water source. Individuals would stage expeditions to acquire natural, faunal, and plant resources from these camps.

Communally organized Nisenan task groups exploited a wide variety of resources (Faye 1923:409-410; Beals 1933:347-350; Wilson and Towne 1978:389-390). Communal hunting drives were undertaken to obtain deer, quail, rabbits, and grasshoppers. Bear were hunted in the winter when their hides were at their best condition. Runs of salmon in the spring and fall provided a regular supply of fish, while other fish such as suckers, pike, whitefish, and trout were obtained with snares, fish traps, or with various fish poisons such as soaproot. Birds were caught with nooses or large nets, and were also occasionally shot with bow and arrow. Acorns were gathered in the fall and stored in granaries for use during the rest of the

year. Buckeye, pine nuts, hazelnuts, and other edible nuts further supplemented the diet. In addition, key resources such as acorns, salmon, and deer were "ritually managed" through first fruit and other ceremonies to facilitate successful exploitation and equitable distribution of resources (Beals 1933:347-348; Swezey 1975:15-29; Swezey and Heizer 1977:12, 19-20).

2.3.3 Technology and Material Culture

The Nisenan built residential dwellings, ceremonial structures, semi-subterranean sweat lodges, and menstruating huts (Wilson and Towne 1978). The typical hill and mountain dwelling was the conical bark house made by overlapping three or four layers of bark with no interior support. A thatched house was used at lower elevations, consisting of a conical framework of poles that was covered by brush, grass, or tules. Semi-subterranean earth lodge roundhouses were also built by both groups and used for ceremonial gatherings, assemblies, local feasts, and for housing visitors (Beals 1933:344; Levy 1978:409).

Flaked and ground stone tools were common among the Nisenan and included: knives; arrow and spear points; club heads; arrow straighteners; scrapers; rough cobble and shaped pestles; bedrock mortars; grinding stones (metates); pipes; charms (Barrett 1917; Beals 1933:340-341; Wilson and Towne 1978:391), and "short spears" (Beals 1933:341; Voegelin 1942:73; Wilson and Towne 1982:11). Beals (1933:341) also notes that certain colored stone points were considered "lucky", and could be traded for four or five other projectile points. In addition, obsidian was highly valued and imported by all three groups. Nisenan informants stated that obsidian only came from a place to the north, outside of Nisenan territory (Littlejohn 1928:32). Littlejohn (1928:31) also notes that soapstone was used for (bow?) mortars, although informants of Wilson and Towne (1978:391) claimed that neither they nor their ancestors made mortars. The two groups also made a variety of bone tools.

Wood was used for a variety of tools and weapons, including both simple and sinew-backed bows, arrow shafts and points, looped stirring sticks, flat-bladed mush paddles, pipes, and hide preparation tools. Cordage was made from plant material, and was used to construct fishing nets and braided and twined tumplines. Soaproot brushes were commonly used during grinding activities to collect meal and/or flour. Specialized food processing and cooking techniques included: the grinding and leaching of ground acorn and buckeye meal; burning of umbelliferae, a plant with cabbage-like leaves, to obtain salt; and roasting various foods in earth ovens (Wilson and Towne 1978; d'Azevedo 1986). Both groups used the bedrock mortar and pestle (i.e., both rough cobble and shaped) to grind acorns, pine nuts, seeds and other plant foods, and meat. A soaproot brush was used to sweep "meal" into mortar cups and collect flour. Fist-sized, heated stones were used to cook and/or warm "liquid-based" foods such as acorn gruel and pine nut meal. Whole acorns were stored in granaries and pine nuts were stored in large brush and pine bough covered caches.

Many wild plants may also have been "managed", primarily by controlled burning which removed underbrush and encouraged growth of edible grasses, seed producing plants, and other useful plant resources (e.g., basketry materials) (Blackburn and Anderson 1993). The use of fire for environmental modification and as an aid in hunting is frequently mentioned in the ethnographic literature relating to the Nisenan. Littlejohn (1928:5-6) notes that the lower foothills in the valley oak zone were thickly covered with herbaceous vegetation that was annually burned by the Nisenan to remove and limit its growth while facilitating the growth of oaks, and the harvest of acorns. The annual fires destroyed seedlings, but did not harm established oak trees. Beals (1933:363) also notes that the Nisenan regularly burned the land, primarily for the purpose of driving game, and consequently created much more open stands of timber than currently exist in the area. Beals (1933:363) informants state that before their traditional burning regimes were halted by Euroamericans, "it was often a mile or more between trees on the ridges. Nisenan patterns of annual burning removed underbrush, improved travel conditions, enhanced hunting conditions, and encouraged the growth of eatable grasses, herbs, and other useful plants (e.g., basketry materials) (Kroeber 1925:396). In addition, burning may also have improved areas of deer forage,

potentially altering migratory patterns of deer populations by lessening their need to seek fresh forage on a seasonal basis (Matson 1972).

Nisenan used baskets for a variety of tasks, including storage, cooking, serving and processing foods, burden baskets, traps, cradles, hats, cages, seed beaters, and winnowing trays. Basket manufacturing techniques included both twining and coiling, and baskets were decorated with a variety of materials and designs. Other woven artifacts include tule matting and netting made of milkweed, sage fibers, or wild hemp.

2.4 Historic Context

Lincoln has long been the economic hub of activity for the westernmost portion of Placer County. Early connectivity to the railroad, a booming clay manufacturing plant, and rich agricultural fields on three sides spurred its early growth. Through this development period, the lands east of Lincoln consisted primarily of mining, horticulture cultivation, dairy, and cattle ranching. The Moore property, located west of Lincoln and the subject of this study, historically served as agricultural land. Lincoln has developed as a fast-growing suburban residential enclave in the late twentieth and early twenty-first century, the lands east and north of the property are increasingly characterized by dense residential and commercial growth.

2.4.1 Early Development of Placer County and Lincoln

In 1848, James Marshall's gold discovery on the South Fork of the American River started a mass western migration to California. The discovery fundamentally shaped California and Western Placer County history. As word spread of the gold discovery California's population swelled from 20,000 non-native people in 1848 to 100,000 in 1849 and over 200,000 by 1852. These new residents flocked first to gateway cities such as Stockton, Sacramento, and Marysville for supplies and stories of riches, before pushing east into the gold country, a region along the western slope of the Sierra Nevada Mountains stretching from Plumas, in the north, to Fresno County in the south (Rice, Bullough, Orsi 2002: 189-192; Myer 2002: 30-31).

Three months after Marshall's gold discovery, Claude Chana discovered gold in Placer County's Auburn Ravine. Word soon spread of the rich placer gold deposits that awarded the county its name. Mining towns sprang up all across the county, places such as Beale's Bar, Condemned, Rattlesnake Bar, and Ophir. Most of these towns were gone as soon as the easy to extract placer deposits were exhausted or miners failed to make a profit. Others such as Auburn, Rocklin, Roseville, and Lincoln were able to adapt and grew beyond their gold rush beginnings (California Miner's Association 1899: 288-289; Storms 1900: 7-8).

Lincoln was settled in 1859 and named for Charles Lincoln Wilson, who constructed the California Central Railroad through Lincoln in 1861. In 1872, however, the main line of the Central Pacific Railroad bypassed Lincoln, dashing hopes of Lincoln becoming a central rail-related hub. Despite being bypassed by the rail line, Lincoln continued to prosper through the latter decades of the nineteenth century, with a host of extractionary industries leading to continued economic, social, and population growth. By 1880, the town boasted 300 people, an array of civic institutions, and piped town water from the Bear River Ditch Company (Myer 2002: 62-63; Angel 1882:386).

In 1873, deep coal beds were discovered close to town, leading to a rush of mining development. In 1875, while searching for coal, prospectors found high-quality clay just north of Lincoln. Three Chicago businessmen Charles Gladding, Peter McBean, and George Chambers founded Gladding, McBean and Company, which became one of the most influential clay manufacturers of the West Coast. They manufactured ironstone sewer pipe, chimney tops, fire brick, enamel brick, face brick, clay tile roofing, and their specialty, decorative terra cotta. The company continuously expanded throughout the nineteenth and early twentieth century, and at its peak employed over 600 people in Lincoln (Logan 1993). The company remains in operation to the present, and is one of the area's oldest continuously operating industries.

2.4.2 Agricultural Development in Western Placer County

As early as 1880, the area surrounding Lincoln was noted for its agricultural productivity, with heavy cultivation in the periphery of the town that was transported to markets via rail. Settlers purchased ranches of varying sizes, from 40 to 600 acres, with the intent of growing products to sell to California and Eastern markets. Crops in the 1850s through 1870s ranged from wheat, barley, wine grapes, and hay, and orchard crops. Equally important to Western Placer County growth was the raising of poultry, sheep, beef and dairy cattle. Like the granite and clay industry, Western Placer County agriculture flourished because of the railroad connection. The connection to the Central Pacific Railroad allowed the farmers in the region to promote and sell their wares to a vast and growing market that essentially spanned the country. Further, ice harvested from the Sierra Nevada helped early transport of crops and in 1888 refrigerated railcars pushed the profitability of deciduous fruit trees and citrus fruits to new heights (Logan 1993:34-35; Myer 2002:63-64).

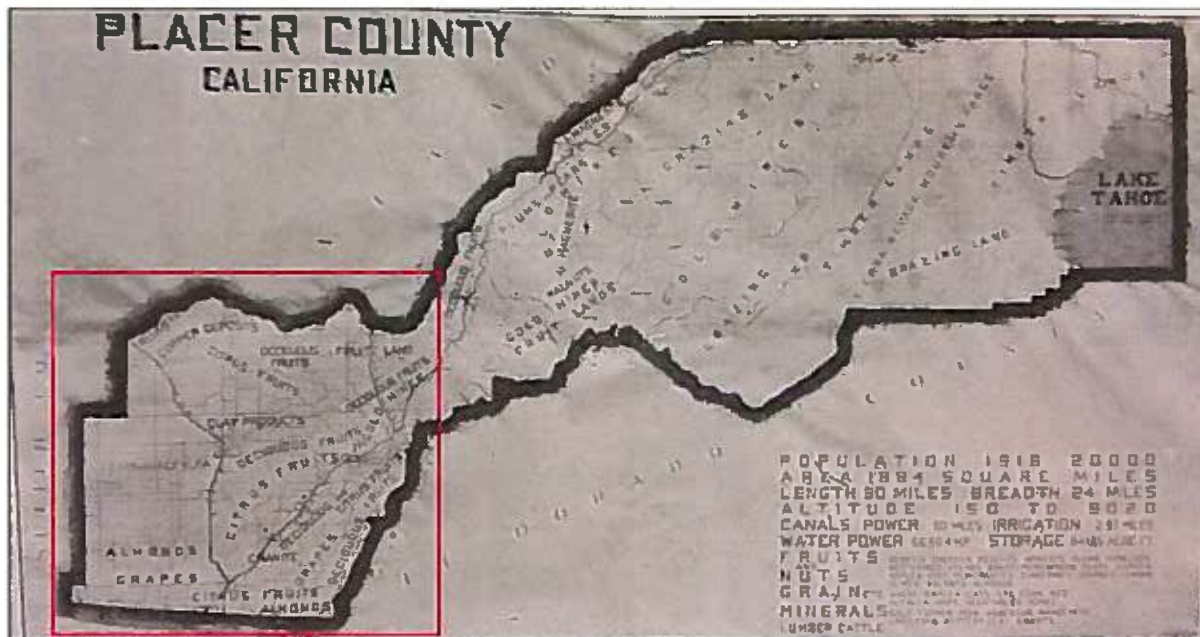


Figure 4: 1920 Placer County Products Map

The 1920 map depicting the natural products of Placer County, Figure 4 above, clearly indicates the extent to which agricultural development had become the mainstay of Western Placer County by the early twentieth century, with alfalfa, deciduous fruits, citrus, almonds, and grapes predominating in the area. In addition, as the map notes, other long-term resource industries still prevailed in the area, with clay products and copper deposits north of Lincoln (*Sunset Magazine* 1920:15).

2.4.3 Moore Property

By the early twentieth century, the study parcel was owned by John V Costa. Research undertaken for this project failed to reveal if he lived on the property or simply leased the parcel to tenant farmers. At the time Costa owned the property, there was a house, barn, and two rectangular-shaped outbuildings in the southwest corner of the study site and the site was in use as a small agricultural assemblage. In historic period aerial photography there appear to be remnants of an orchard, which is in keeping with agricultural

development throughout the surrounding area. The rest of the property has been used historically for various row crops and more recently rangeland for cattle. By 1971, the residence, barn, and two outbuilding had been demolished. A new residence, the one currently on the property, was constructed in 1974 with two additional outbuildings added between 1971 and 1993.

During the late twentieth century and continuing to the present, the surrounding area underwent a sustained period of growth, with neighboring Lincoln doubling in size and a host of new industries coming to define the surrounding lands. In 2008, construction began on the State Route 65 Lincoln Bypass, which was completed in 2012. The highway route is north and east of the property. At present, the once largely agricultural lands surrounding the study site are ceding to a much more intensely developed suburban settlement pattern, with dense subdivisions and shopping complexes extending west from Lincoln's historic core. The proposed improvements to the study parcel are indicative of this trajectory, with planned development projects existing on properties to the east (California Population Census Records; USDA 1937;1971; USGS 1910, 1942, 1954; Lincoln Bypass Schedule).

3 Literature Review

3.1 Records Search and Literature Review

Cardno Cultural Resource Specialist, Michella Rossi, conducted a cultural resources records search at the North Central Information Center (NCIC) in Sacramento, California on January 15, 2015 (Appendix A-CONFIDENTIAL-DO NOT DISTRIBUTE). The search area consisted of the APE and a ¼-mile search radius around the APE. The records search reviewed the following sources:

- Previously recorded sites;
- Reports of previous studies;
- California Historical Landmarks;
- NRHP;
- CRHR;
- OHP Historic Properties Directory;
- General Land Office plat maps showing the study area; and
- County historical maps;

Results of Records Search

The background literature and document search identified no previously recorded resources within the Project APE and one previously recorded cultural resource within the ¼-mile record search radius. Five previous cultural resource studies have been conducted within the ¼-mile search radius, four of which were adjacent to the APE. The study that fell within the APE consisted of a Cultural Resource Studies City of Lincoln Waste Water Treatment Plant Project, (Derr, 1997) (Appendix A).

Table 1. Previously Recorded Cultural Resources within 1/4 Mile of APE

Trinomial #	Primary #	Prehistoric/Historic	Description	APE
CA-PLA-1102	P-31-001422	Historic	Fiddymont Road	No

3.2 Native American Coordination

On December 4, 2014, a sacred lands search request and a request for the Native American contact list for the area was sent to the Native American Heritage Commission (NAHC). On December 11, 2014, the NAHC responded with results from the sacred lands search request. The sacred lands search failed to indicate the presence of Native American cultural resources in the project APE or the vicinity (Appendix B).

Cardno drafted contact letters to all individuals on the contact list provided by the NAHC. On January 13, 2015, letters were mailed to each individual listed on the NAHC contact list. This list of individuals included Nicholas Fonseca, Chairperson for the Shingle Springs Band of Miwok Indians, Hermo Olanio, Vice Chairperson for the Shingle Springs Band of Miwok Indians, Daniel Fonseca, Cultural Resource Director for the Shingle Springs Band of Miwok Indians, Gene Whitehouse, Chairperson for the United Auburn Indian Community of the Auburn Rancheria, Marcos Guerrero, Tribal Preservation Committee for

the United Auburn Indian Community of the Auburn Rancheria, Jason Camp, Tribal Historic Preservation Officer for the United Auburn Indian Community of the Auburn Rancheria, Pamela Cubler of the Colfax-Todds Valley Consolidated Tribe, Judith Marks of the Colfax-Todds Valley Consolidated Tribe, Don Ryberg, Chairperson for the T'si-Akim Maidu, Eileen Moon, Vice Chairperson for the T'si-Akim Maidu, Grayson Coney, Cultural Director for the T'si-Akim Maidu, as well as individuals Rose Enos and April Wallace-Moore. Follow-up phone calls were made to all individuals who received letters on January 23rd, 2015.

Cardno received a letter of response from Mr. Daniel Fonseca of the Shingle Springs Rancheria dated January 21st, 2015. In his letter, Mr. Fonseca indicated that the Shingle Springs Band of Miwok Indians does not have any information regarding cultural resources within the API. Mr. Fonseca requested that Cardno contact Ms. Kara Perry if human remains are encountered during project implementation or if there is any new project information to convey to the tribe.

3.3 Archaeological Buried Site Sensitivity Analysis

Geologic mapping indicates that the APE is situated on a layer of Plio-Pleistocene nonmarine sediments, with soils consisting of Cometa-Fiddyment complex, Cometa-Ramona sandy loams, Cometa sandy loam and Xerofluent alluvium (State of California Department of Conservation 2010 Geologic Map of California) (SSURGO/STATSGO SoilWeb 2014). Soils which date to the Holocene are more likely to contain evidence of past human activity. The majority of soils within the APE pre-date the Holocene. The exception is the northwestern portion of the APE that the Auburn Ravine traverses, where frequent flooding deposits recent alluvium. Given these findings, the buried site sensitivity in the APE is low indicating that the potential to encounter archaeological deposits not identified in the course of archaeological survey efforts during ground disturbing activities within the APE is also low.

3.4 Historic Research Methodology

The historic research methodology for the Project included a review of the UC Davis map repository and a review of historic period survey and topographic maps, periodicals, and census records. Additionally, standard contextual sources of information were reviewed in order to develop an appropriate historic context to support archaeological and built environment analysis of the property. As previously discussed, the property does not contain any built environment features, and it does not appear that any were ever developed on the agricultural land during the historic period. The oldest built environment resource present was built in 1974 and is not yet 50 years of age. As such, this study did not include letters to interested parties concerning built environment resources as there were no resources from the historic period present.

4 Field Methods and Results

4.1 Project Personnel

All cultural resources work for the proposed project was conducted under the direct supervision of Principal Investigator Joshua Peabody, M.A. (16 years of experience), an archaeologist who meets the Secretary of the Interior's Standards and Guidelines for Professional Qualifications in Archaeology and History. Field personnel included Mr. Andolina, Ms. Ashley Hallock, Mr. Garret Root, and Mr. Joseph Fayer. Mr. Andolina is also an archaeologist who meets the Secretary of the Interior's Standards and Guidelines for Professional Qualifications in Archaeology and History.

4.2 Field Methodology

4.2.1 Methods

Fieldwork methods conducted comply with Section 106 of the NHPA guidance provided by the USACOE. The entire APE was subjected to pedestrian survey utilizing east-west transects at intervals not exceeding 15 meters. The majority of the APE is covered with perennial grasses and shrubs with poor visibility (~0-5%). In order to gain a view of the mineral soils within the Project area, the surveyors conducted shovel scrapes every 30 meters and inspected the soils for cultural elements. Built environment methods included field survey as well as review of current and historic period aerial photography and review of historic period maps.

4.2.2 Results

Cardno conducted a cultural resource pedestrian survey of the entire Project APE (Appendix C, Figure 5). One historic cultural resource (MP-1) was identified during the investigation.

MP-1 – The site consists of a scatter of historic (ca. 1920s) and modern debris. The observed artifacts are a mixture of household, agricultural, and automotive items including: ceramic sink and toilet fragments, shoes, hogwire fencing, clay and asbestos pipe fragments, bricks, cinder blocks, as well as an automotive steering wheel and alternator. The artifacts are all located on the surface and situated within an unnamed creek located south of the Auburn Ravine. Cardno recorded this new site by completing Department of California Parks and Recreation series 523A forms.

4.2.3 NRHP Evaluation of MP-1

This resource does not appear to possess potential significance under any of the NRHP Criteria.

Under NRHP Criterion A, the resource does not convey any important historical associations to the development of Lincoln or Placer County as a whole, or of the cultural heritage of the United States. Research did not reveal notable information regarding the development of the site as it pertains to an association with an important event in history. Review of historic maps failed to indicate a connection between the debris scatter and any discernible built environment features such as buildings, structures or other settlement features.

Under NRHP Criterion B, the resource does not convey any significant associations to individuals important in the historical development of Lincoln or Placer County. Research did not reveal that the resource was associated with the lives of important persons in history at a local, state or national level.

The site does not have significant associations under NRHP Criterion C, as the resource is composed of a scatter of household, agricultural, and automotive debris and is not distinctive of the characteristics of a type, period, region, or method of construction.

Given that the resource consists of a surface scatter of household, agricultural, and automotive debris, it is unlikely that the site contains subsurface archaeological deposits. Given the surficial nature of the

resource, as well as the fact that the site consists of a mixture of recent historic and modern items, the site does not appear to be eligible under NRHP Criterion D.

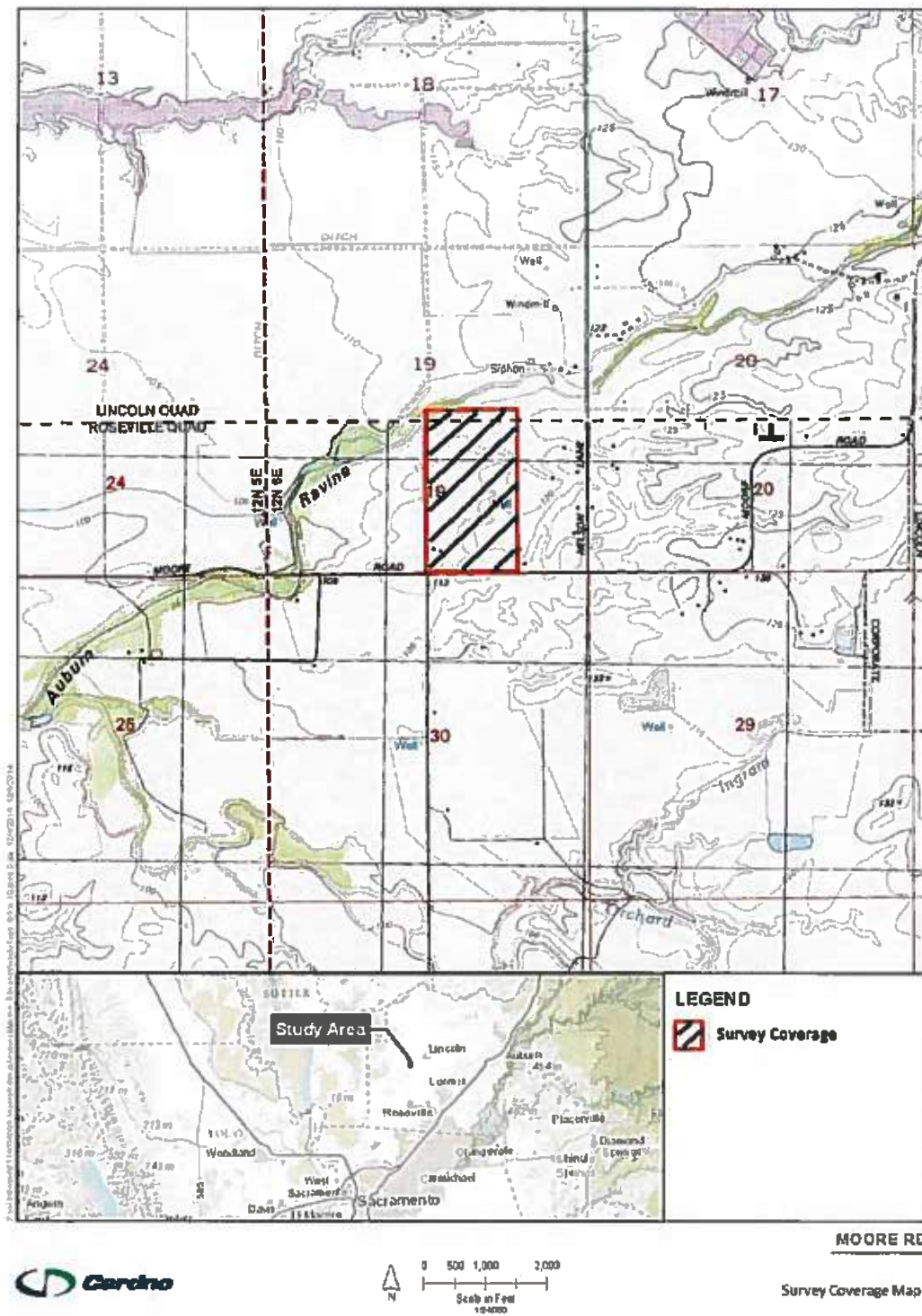


Figure 5: Project Survey Coverage Map

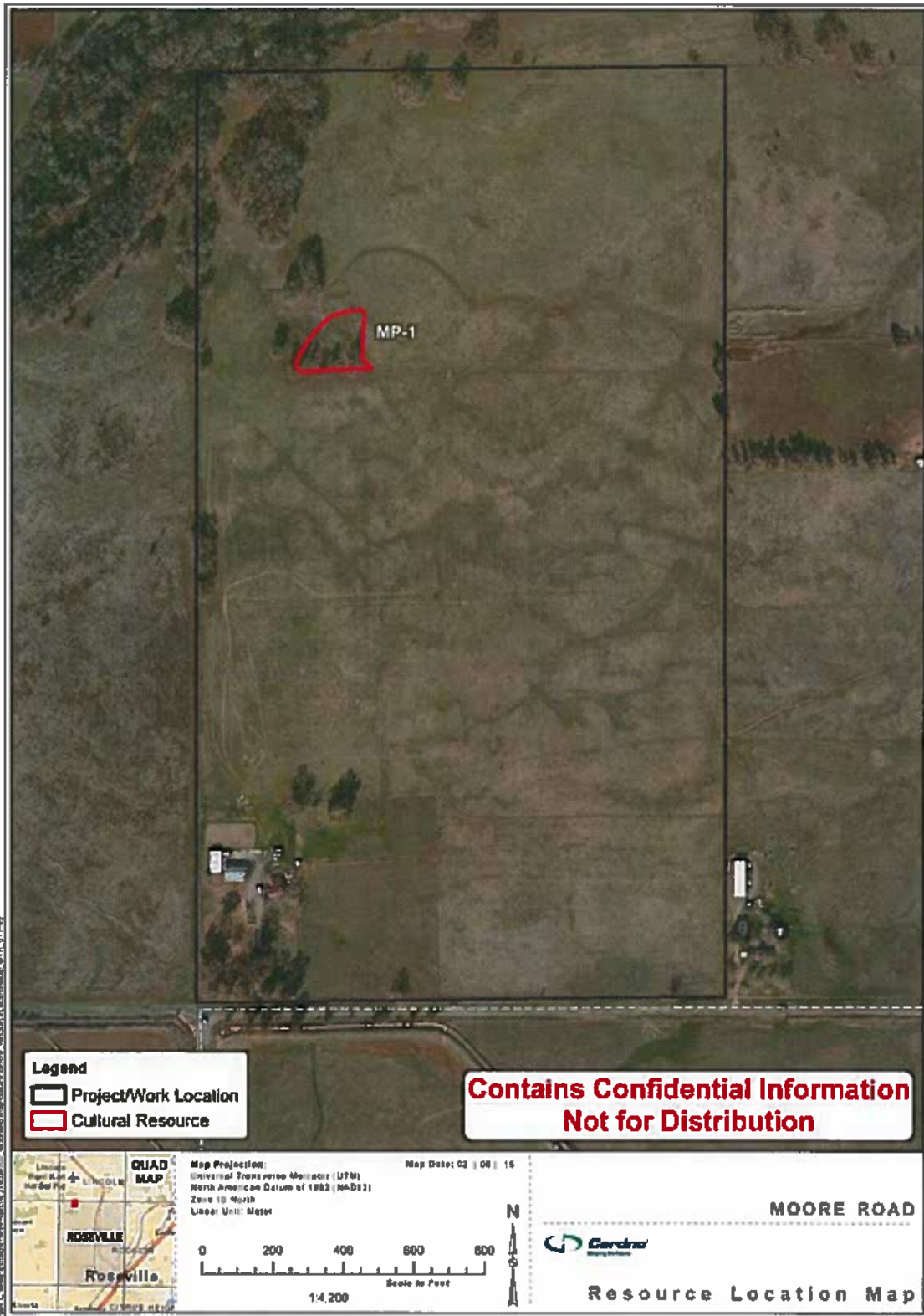


Figure 6: Resource Location Map

5 Summary and Recommendations

5.1 Summary

Praxis Properties proposes to develop a residential community located west of the City of Lincoln, Placer County, California. The assessment was conducted in order to illustrate compliance with Section 106 of the NHPA (16 U.S.C. § 470f) and its implementing regulations in 36 C.F.R. Part 800. These investigations were conducted because the proposed Project will result in the discharges of fill into waters under the jurisdiction of the U.S. Army Corps of Engineers, therefore requiring a Clean Water Act, Section 404 permit which triggers the need for a Clean Water Act, Section 401 Water Quality Certification.

To comply with federal regulations, Cardno conducted archaeological and historical investigations in the project Area of Potential Effects (APE) which are consistent with the guidelines for compliance with Section 106 of the National Historic Preservation Act provided by the United States Army Corps of Engineers (ACOE) (ACOE 2011). The APE includes the vertical and horizontal extent of all possible ground disturbance activities which will occur within one contiguous polygon, bounded on the south by Moore Lane. The following ground disturbance activities will occur within the APE: grading of a majority of the APE in order to facilitate the development of the parcel for residential community structures. The following equipment may be used for this effort: bulldozers, excavators, loaders, concrete mixers, compactors, and haul and dump trucks. The investigations consisted of (1) background research, including a formal records search conducted at the North Central Information Center (NCIC) (2) archaeological survey and (3) Native American coordination (Appendix B).

Records search results indicate that no previously recorded cultural resource are present within the APE but one cultural resource was identified within the ¼-mile records search radius. Only a small portion of the Project APE has been subjected to previous intensive level survey.

Cardno field personnel conducted a reconnaissance level survey of 100% of the APE on January 26th, 2015. A crew of four surveyed east/west trending transects at an interval not exceeding 15 meters across the APE. One historic-era resource (MP-1) was encountered during the pedestrian survey.

5.2 Recommendations

Based on the analysis carried out to date the historic trash scatter (MP-1) does not appear to meet the significance criteria for inclusion in the NRHP, and should not be considered an Historic Property as defined by Section 106 of the NHPA (36 CFR 800.16).

Table 2: Cultural resources within the project area and recommendations.

Temporary #	Primary #	Trinomial #	Prehistoric/Historic	Description	Further Work Required
MP-1	None	None	Historic/Modern	Historic and modern debris scatter	Recommended Ineligible for the NRHP. No further management.

It is always possible to inadvertently uncover additional cultural resources or human remains during ground disturbing project activity. Therefore, if any cultural resources or human remains are uncovered during ground disturbance, all work must stop in the vicinity of the resource and a qualified archaeologist shall be notified immediately. The qualified archaeologist can assess the significance of the find, and, if warranted, develop appropriate treatment measures in consultation with Praxis Properties, the USACOE, and any other applicable agencies.

Prehistoric resources that may be identified include, but are not limited to, shell and bone, net weights, stone tools and manufacturing debris made of chert and other stone materials, milling equipment such as portable mortars and pestles, and soils (midden) that may contain dietary remains as well as human remains. Historic resources that may be identified include, but are not limited to small cemeteries or burial plots, structural foundations, railroad grades, and dumps containing cans with soldered seams or tops and bottles or fragments of clear and colored glass.

Section 7050 of the California Health and Safety Code states that it is a misdemeanor to knowingly disturb a human burial. If human remains are encountered (or are suspected) during any project-related activity:

- a. Stop all work within 100 feet;
- b. Immediately contact a qualified archaeologist, who will then notify the county coroner;
- c. Secure the location, but do not touch or remove remains and associated artifacts;
- d. Do not remove associated spoils or pick through them;
- e. Record the location and keep notes of all calls and events; and
- f. Treat the find as confidential and do not publically disclose the location.

If the human remains are of Native American origin, the coroner must notify the Native American Heritage Commission within 24 hours of such identification.

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APPENDIX

A

RECORDS SEARCH RESULTS
(CONFIDENTIAL-DO NOT

California
Historical
Resources
Information
System

**NORTH CENTRAL
INFORMATION
CENTER**



AMADOR
EL DORADO
NEVADA
PLACER
SACRAMENTO
YUBA

California State University, Sacramento
6000 J Street, Folsom Hall, Suite 2042
Sacramento, California 95819-6100
phone: (916) 278-6217
fax: (916) 278-5182
email: ncic@csus.edu

1/15/2015

NCIC File No.: PLA-15-13

Michella Rossi
Cardno ENTRIX
701 University Avenue, Suite 200
Sacramento, CA 95825

**Information Center Invoice for
Moore Rd Property**

Staff Processing:	_____ hours @ \$150/hour	\$ _____
In-House Research:	<u>1.5</u> hours @ \$100/hour	\$ <u>150.00</u>
Copy Request:	_____ hours @ \$40/hour	\$ _____
Mapped Spatial Features:	_____	\$ _____
Shapefiles:	_____ shapes @ \$12/shape	\$ _____
Digital Database Record Fee:	_____ records @ \$0.25/record	\$ _____
Quads:	_____	\$ _____
Copy/Print/PDF:	<u>501</u> pages @ \$0.15/page	\$ <u>75.15</u>
PDF Flat Fee:	<u>no</u>	\$ _____
	SUBTOTAL	\$ <u>225.15</u>
Rapid response surcharge of 50% of subtotal:	SURCHARGE	\$ _____
Emergency response surcharge of 100% of subtotal:	SURCHARGE	\$ _____

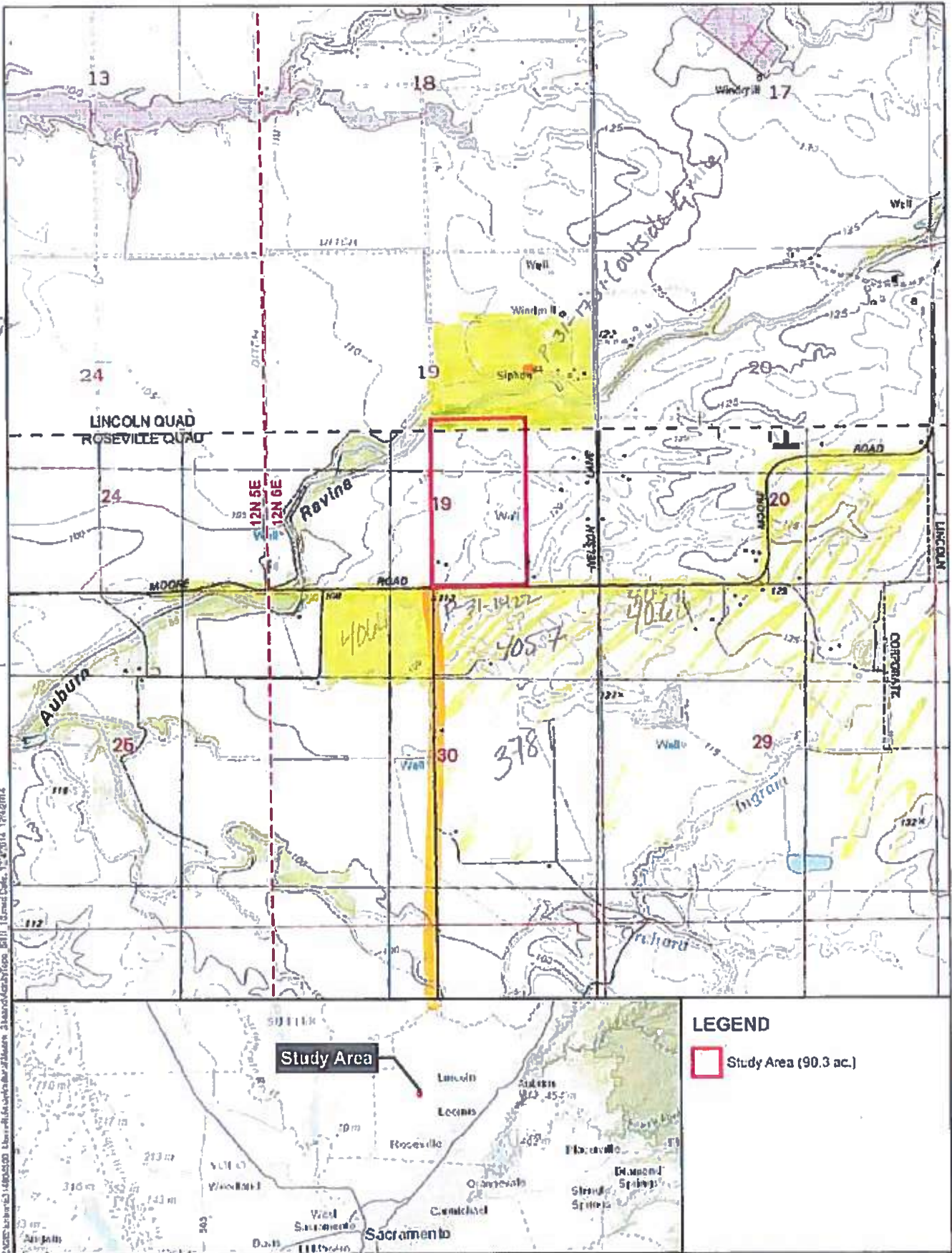
MAKE CHECK PAYABLE TO: UNIVERSITY ENTERPRISES, INC.

FORWARD TO: NORTH CENTRAL INFORMATION CENTER
6000 J STREET, FOLSOM HALL, SUITE 2042
SACRAMENTO, CALIFORNIA 95819-6100

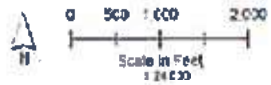
Staff: Nathan Hallam Memo: PLA-15-13 TOTAL \$ 225.15

(1) SITES
P-31-001422

(5) STUDIES
3781
4056
4057
4060
4064



* Structures & well are depicted in APE



MOORE RD
Figure 1
Site and Vicinity

State of California — The Resources Agency
 DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # P-211425
 HRI # _____
 Unomial CA-PLA-102-A
 NRHP Status Code _____
 Other Listings _____
 Review Code _____ Reviewer _____ Date _____

Page 1 of 4 *Resource Name or #: (Assigned by recorder) Fiddymnt Road

P1. Other Identifier: _____

*P2. Location: Not for Publication Unrestricted *a. County Placer (western) and (P2c, P2e, and P2b or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Roseville Date 1967/'81 T 11/12N; R 11/12E; Ctr of Secs 6, 7, 18/30, 31MDM.

c. Address N/A City vic: Roseville/Lincoln Zip N/A

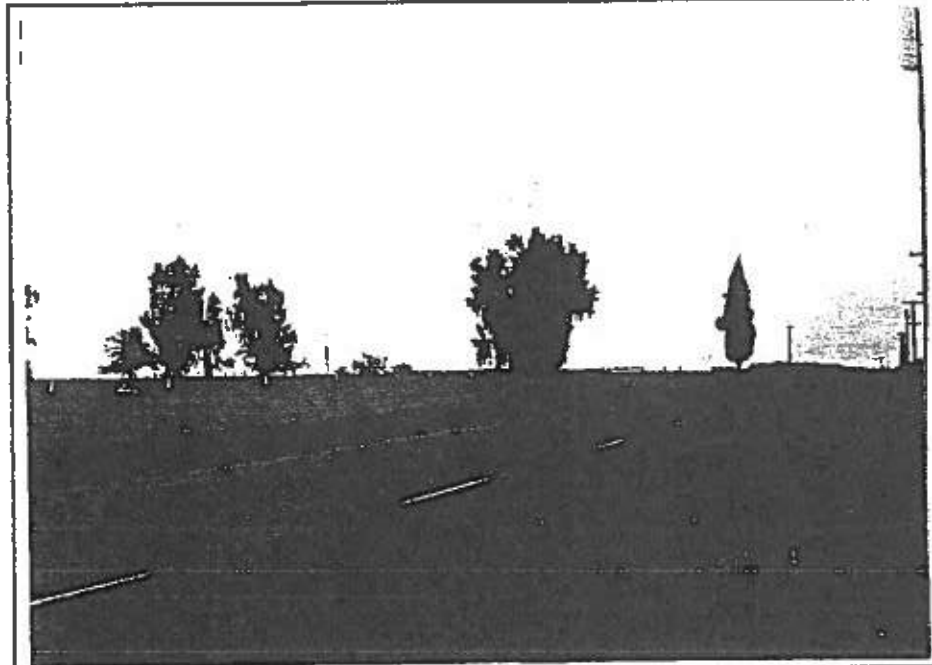
d. UTM: (Give more than one for large and/or linear resources) Zone 1Q, 643420/643290 mE/ 4295540/4303220 mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)
A north/south segment running from the north side of Pleasant Grove Creek on (X)

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)
 A two-lane paved road with gravelled shoulders. This road was an unpaved rural road originally, but has been widened and upgraded over time. It appears on the 1910 map (1908 survey) in its current location. Several buildings, probably houses, are shown along the road on the old map, three on the east side and one on the west. This area is rural at the time of recording, with vast areas of grasslands now used for grazing. A modern landfill building exists on the southeast corner of Fiddymnt and Athens Avenue (formerly Pleasant Grove Road-east portion). This is currently the only development along the road. The only visible historic remains are a house-site with small shed and domestic plants on the south bank of Orchard Creek.

*P3b. Resource Attributes: (List attributes and codes) HP37. Highway-Trail

*P4. Resources Present: Building Structure Object Site District Element of District Other (isolates, etc.)



P5b. Description of Photo: (view, date, accession #) View to south, just south of Orchard Creek. Historic site area on left. 11/20/96

*P6. Date Constructed/Age and Source: Historic Prehistoric Both

At least by 1908 - map survey date

*P7. Owner and Address: N/A

*P8. Recorded by: (Name, affiliation, and address) Eleanor Derr, Richard Derr; Cultural Resources Unlimited, 2614 Aramon Dr., Rancho Cordova, CA 95670

*P9. Date Recorded: 11/30/96

*P10. Survey Type: (Describe) Overview "windshield survey" for sensitivity study.

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Sunset Industrial Area General Plan Update: Cultural Resources Background Report. Cultural Resources Unlimited, November 1996.

*Attachments: NONE Location Map Continuation Sheet Building, Structure, and Object Record Sketch Map Archaeological Record District Record Linear Feature Record Milling Station Record Rock Art Record Artifact Record Photograph Record

4056
 3810
 *Required Information

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LINEAR FEATURE RECORD

Primary # P-21-1429
HRI # _____
Trinomial CA-PLA-1102-H

Page 2 of _____ Resource Name or #: (Assigned by recorder) _____

L1. Historic and/or Common Name: Fiddyment Road

L2a. Portion Described: Entire Resource Segment Point Observation Designation: principal portion of north/south road in western Placer County. b. Location of point or segment: (Provide UTM coordinates, legal description, and any other useful locational data. Show the area that has been field inspected on a Location Map.) from Pleasant Grove crossing on south to Moore Road at northern end.

L3. Description: (Describe construction details, materials, and artifacts found at this segment/point. Provide plans/sections as appropriate.) Currently a paved, two-lane road with narrow gravelled shoulders. Originally probably a typical narrow rural dirt road, but a major roadway for this farming area. Appears in its present configuration on the 1910 (1908 survey) Roseville topo map, as a primary road. Named for prominent ranching family in area (ranches south of Pleasant Grove Creek, and also to west of current alignment).

L4. Dimensions: (In feet for historic features and meters for prehistoric features)

- a. Top Width _____
b. Bottom Width N/A
c. Height or Depth N/A
d. Length of Segment 4.75 miles

L4a. Sketch of Cross-Section (include scale)

Facing: _____

L5. Associated Resources:

Bridge on south (not recorded)
Bridge at Orchard Creek.
Farmlands on both sides.

L6. Setting: (Describe natural features, landscape

characteristics, slope, etc., as appropriate): Grassy uplands used primarily for grazing although there may have been some cultivation, i.e. for wheat, etc.

L7. Integrity Considerations: Good, road has been well-maintained.

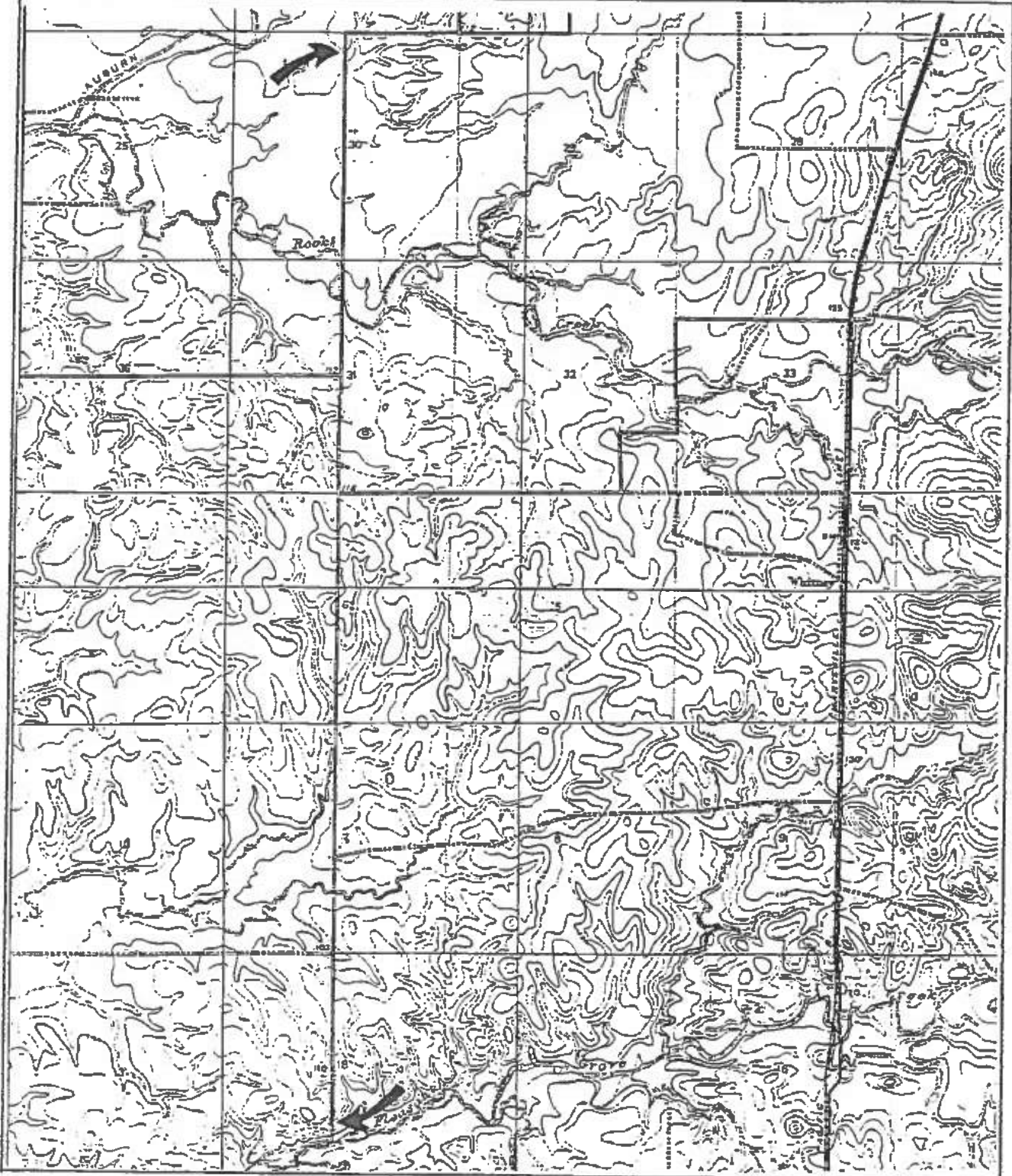
L8a. Photograph, Map or Drawing
(See Attached)

L8b. Description of Photo, Map, or
Drawing (View, scale, etc.)

L9. Remarks:

L10. Form Prepared by: (Name, affiliation, and address) Eleanor Derr, Cultural Resources Unlimited. 2614 Aramon Dr. Rancho Cordova, CA 95670

L11. Date: 11/30/96



#3781

**Archaeological Survey Report for the
City of Lincoln
Permanent Wastewater Treatment Plant,
Placer County, California**

Prepared for:

City of Lincoln
1390 First Street
Lincoln, CA 95648
Contact: John E. Pedri
916/645-8576

Prepared by:

Jones & Stokes Associates, Inc.
2600 V Street, Suite 100
Sacramento, CA 95818-1914
Contacts: Trish Fernandez/Dana McGowan
916/737-3000

June 12, 1998

RECEIVED BY:
DATE: <u> </u>
INITIALS: <u> </u>
NORTH CENTRAL INFORMATION CENTER CALIFORNIA ARCHAEOLOGICAL INVENTORY C.S.U. SACRAMENTO

2537

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INTRODUCTION

Jones & Stokes Associates was hired by the City of Lincoln (City) to conduct a cultural resource study in conjunction with the proposed construction of a permanent wastewater treatment plant southwest of Lincoln in Placer County (Figure 1). Project activities are proposed on approximately 250 acres of a 474.56-acre site being considered for the treatment plant. An intensive survey was conducted for the 250 acres for which project activities are planned. A reconnaissance-level survey was conducted for the remaining 224.56 acres, which would not be directly affected by any work proposed for the project. The purpose of the reconnaissance survey is to provide the City with planning information that would be useful if development later occurs outside the proposed 250-acre project site. No cultural resources were identified as a result of the intensive survey; however, sensitive areas were identified in the remaining 224.56 acres.

REGULATORY FRAMEWORK

California Environmental Quality Act

The California Environmental Quality Act (CEQA) requires that, for public or private projects financed or approved by public agencies, the effects of the project on cultural resources be assessed. Cultural resources are defined as buildings, sites, structures, or objects, each of which may have historical, architectural, archaeological, cultural, or scientific importance. Under the State CEQA Guidelines, an impact is considered significant if a project would have an effect that may change the significance of the resource (Pub. Res. Code, Section 21084.1). Demolition, replacement, substantial alteration, and relocation of historic properties are actions that would change the significance of a historic resource. Before the level of significance of impacts can be determined and mitigation measures developed, the significance of cultural resources must be determined. Typically, the following steps are taken in a cultural resource investigation to comply with CEQA:

1. Identify cultural resources.
2. Evaluate the significance of resources.
3. Evaluate the effects of a project on all resources.
4. Develop and implement measures to mitigate the effects of the project on significant resources.

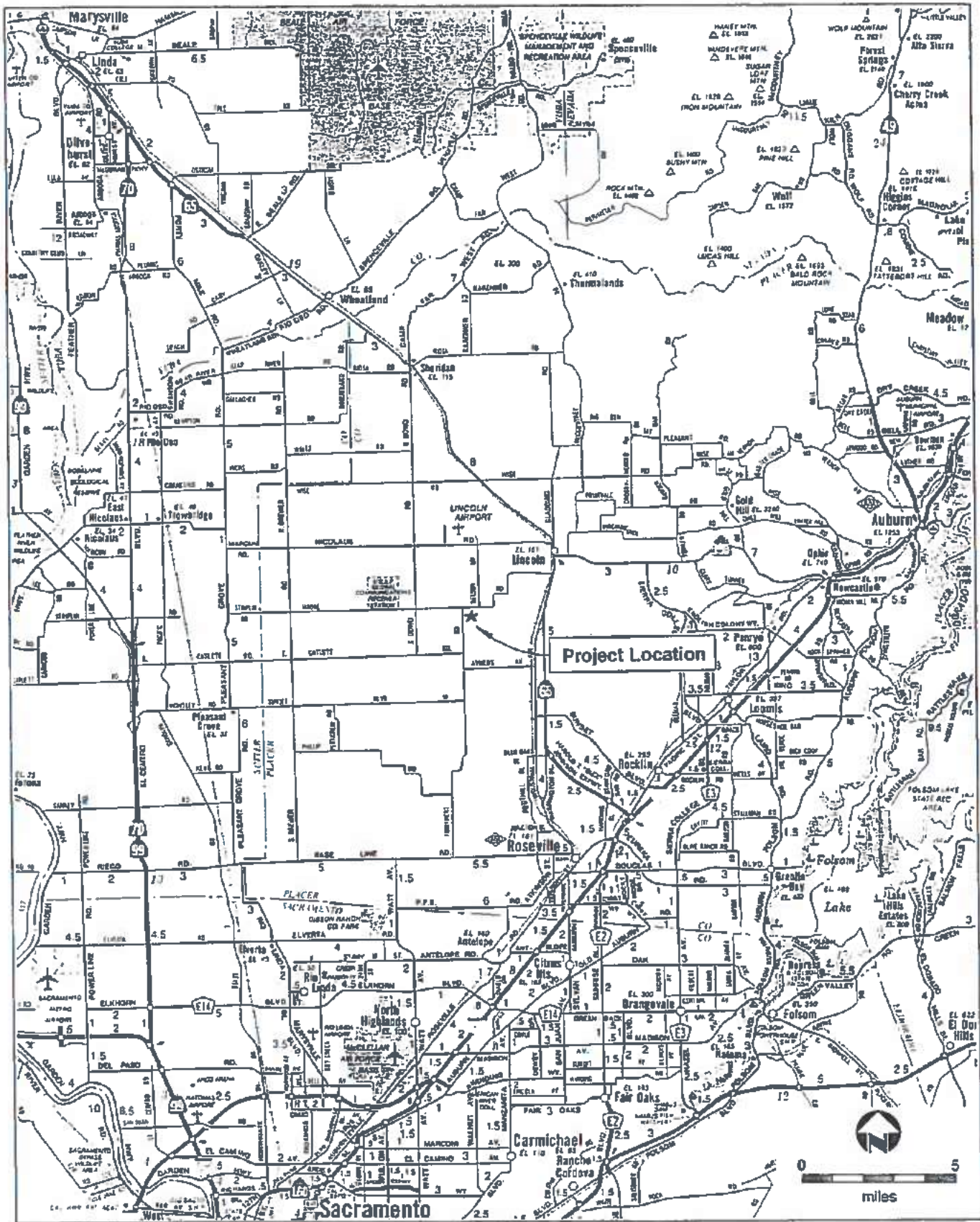


Figure 1
Project Area Map

Section 106 of the National Historic Preservation Act

The proposed wastewater treatment plant probably would require the issuance of a permit by the U.S. Army Corps of Engineers under Section 404 of the federal Clean Water Act for fill of wetlands or discharge of treated effluent into a creek; therefore, the project likely would require a federal undertaking. Section 106 of the National Historic Preservation Act (NHPA) requires that, before beginning any undertaking, a federal agency must take into account the effects of the undertaking on historic properties and afford the Advisory Council on Historic Preservation (ACHP) an opportunity to comment on these actions. The Section 106 process has five basic steps:

1. Identify and evaluate historic properties.
2. Assess effects of the project on historic properties.
3. Consult with the State Historic Preservation Officer (SHPO) regarding adverse effects on historic properties, resulting in a memorandum of agreement (MOA).
4. Submit the MOA to the ACHP.
5. Proceed in accordance with the MOA.

Specific regulations regarding compliance with Section 106 state that although the tasks necessary to comply with Section 106 may be delegated to others, the federal agency (in this case, probably the U.S. Army Corps of Engineers) is ultimately responsible for ensuring that the Section 106 process is completed according to statute. Because this project is in its earliest stages, only a portion of the first step of the Section 106 process has been completed.

SETTING

Prehistory

Sites excavated in the lower elevations of the Sierra Nevada reflect the archaeology of the Central Valley with some influence from the High Sierra. The taxonomic framework of the Sacramento Valley, in particular, has been described in terms of archaeological patterns. Three general patterns of resource use have been identified for the period between 2500 B.C. and A.D. 1500: the Windmill, Berkeley, and Augustine Patterns (Moratto 1984). A pattern is a general mode of life characterized archaeologically by technology, particular artifacts, economic systems, trade, burial practices, and other aspects of culture.

Although the Sacramento Valley may have been inhabited by humans as early as 10,000 years ago, little reliable evidence of these very early Sacramento Valley inhabitants has survived. The evidence for early human use is likely buried deep in the valley alluvial sediments that accumulated

rapidly during the late Holocene epoch. Moratto (1984:214) estimates an accumulation of as much as 10 meters of sediments in the lower reaches of the Sacramento River drainage during the past 5,000-6,000 years. The economy of groups living in the valley during this early period is generally thought to be based on exploitation of large game.

The Windmill Pattern (2500 B.C. to 1000 B.C.) is thought to have been a mixed economy of game procurement and use of wild plant foods. The archaeological record contains numerous projectile points and a wide range of faunal remains. Hunting was not limited to terrestrial animals. The tool kit during this period included fishing hooks and spears with the remains of sturgeon, salmon, and other fish (Moratto 1984:201). Plant resources were also used, as indicated by ground stone artifacts and clay balls that may have been used in boiling acorn mush (Moratto 1984:201).

Evidence of settlement patterns during the Windmill Pattern reflects a seasonal adaptation. Habitation sites in the valley, and possibly the project area, were occupied during winter, but populations moved into the foothills during the summer months (Moratto 1984:206). This generalized lifestyle changed to a more specialized adaptation called the Berkeley Pattern over the period from approximately 1500 B.C. to A.D. 500. A reduction in the number of manos and metates and an increase in mortars and pestles indicate a shift in resource use and a greater dependence on acorns. When sites are located near water, large shell mounds are present. Although gathered resources are more important during this period, projectile points and atlatls indicate that hunting was still an important activity (Fredrickson 1973:125a-126).

The Berkeley Pattern is superseded by the Augustine Pattern at approximately A.D. 500. The Augustine Pattern indicates the beginning of a change in subsistence and land use patterns to those of the ethnographically known peoples of the historic era (the Nisenan). This pattern exhibited a great elaboration of ceremonial and social organization, including the development of social stratification. Exchange became well developed, and even more intensive emphasis was placed on the use of acorns, as evidenced by shaped mortars and pestles and numerous hopper mortars. Other notable elements of the material culture assemblage include flanged tubular smoking pipes (cloud blowers); harpoons; an especially elaborate baked clay industry, which includes figurines and pottery vessels (Cosumnes Brownware); clam-shell disk beads; and the use of small projectile point types, referred to as the Gunther Barbed series, which suggests the use of the bow and arrow. Other traits include the introduction of preinterment burning of offerings in a grave pit during the mortuary ritual, increased village sedentism, population growth, and an incipient monetary economy in which beads were used as a standard of exchange. (Moratto 1984:211-214.)

Ethnographic Setting

The project area was inhabited by the group known to ethnographers as the Nisenan, or Southern Maidu. Nisenan territory was the drainages of the Yuba, Bear, and American Rivers and the lower drainages of the Feather River. The Nisenan, together with the Maidu and Konkow, their northern neighbors, form the Maidu language family of the Penutian linguistic stock (Shipley 1978). The family has been divided by some researchers into three dialects (Northern Hill Nisenan,

Southern Hill Nisenan, and Valley Nisenan [Kroeber 1925]) although others have made finer distinctions (Shipley 1978).

The smallest social and political unit among the Nisenan was the family. Each extended family was represented by a leader, which was called to a larger council by a headman. The headman served as an advisor to a village. The headman of the dominant village in a cluster of villages (tribelet) had the authority to call on the surrounding villages when necessary to deal with social and political situations. The duties of the headman were to advise his people, call and direct special festivities, arbitrate disputes, act as an official host, and call the family leaders to council. The position of headman was usually hereditary but could be chosen. A woman could serve in this position if a suitable male relative was unavailable. (Wilson and Towne 1978.)

Nisenan settlement locations were chosen primarily on the basis of elevation, exposure, and proximity to water and other resources. Permanent villages were usually located on low rises along major watercourses. Village size ranged from three houses to 40-50 dwellings. Houses, domed structures covered with earth and tule or grass, measured 10-15 feet in diameter. Brush shelters were used in summer and at temporary camps during food-gathering rounds. Larger villages often had semisubterranean dance houses; these structures were covered in earth and tule or brush and had a central smokehole at the top and an entrance facing east. Another common village structure was a granary, used for storing acorns. (Wilson and Towne 1978.)

The Nisenan occupied permanent settlements from which specific task groups set out to harvest the seasonal bounty of flora and fauna that the rich valley environment provided. The Valley Nisenan economy involved riverine resources, whereas the resource base of the Hill Nisenan consisted primarily of acorn and game procurement. The only domestic plant was native tobacco (*Nicotiana* spp.), but many wild plant species were tended. The acorn crop from the blue (*Quercus douglasii*) and black oaks (*Q. kelloggii*) was so carefully managed that it served as the equivalent of agriculture and could be stored against winter shortfalls in resource abundance. Deer, rabbit, and salmon were the chief sources of animal protein in the aboriginal diet, but many other insect and animal species were taken when available.

Religion played an important role in Nisenan life. All natural objects were thought to be endowed with supernatural powers. Two kinds of shamans existed: curing shamans and religious shamans. Curing shamans had limited contact with the spirit world and diagnosed illness by feeling. Then they would suck at the location of pain and "remove" the offending object. Religious shamans gained control over the spirits through dreams and esoteric experiences. (Wilson and Towne 1978.)

Historic Context

Arriving in the late 1850s, the first settlers to the Lincoln area engaged in wheat production and cattle ranching. In 1859, Charles Lincoln Wilson surveyed and mapped the town of Lincoln; he later auctioned off 52 lots to eager settlers (Lardner and Brock 1924). Wilson actively promoted the construction of the California Central Railroad, which was completed from Folsom to Lincoln on October 31, 1861. Eventually, the railroad became part of the California and Oregon Line. The

establishment of the railroad greatly accelerated the shipment of wheat, boosted other local markets, and greatly contributed to the growth of Lincoln's population, which rose from nearly 500 inhabitants in 1863 to more than 1,400 by 1910 (Ogden Environmental & Energy Services Company et al. 1992, Lardner and Brock 1924).

Farmers in the Lincoln area soon discovered that their location in a temperate climatic belt allowed for the success not only of grain production and cattle ranching but production of a variety of fruit crops. During the 1880s and 1890s, fruit growers produced an assortment of crops, including apples and grapes. Soon, the citrus growers of Placer County established orchards of lemons, limes, oranges, and pomelos, and the area northeast of Lincoln rapidly became a favorite place for planting. By the early 1920s, Placer County had developed a reputation as a producer of delicious fruits (Ogden Environmental & Energy Services Company et al. 1992, Lardner and Brock 1924).

Although agriculture was the primary industry in 19th-century Lincoln, two chance discoveries made in the 1870s presented a few economic alternatives. The 1873 discovery of coal near Lincoln surprised and delighted local entrepreneurs. Immediately following this discovery, Colonel Wilson dug a large shaft and erected hoisting works to excavate samples of the substance, which were then sent to the Sacramento Waterworks for testing (Lardner and Brock 1924). The satisfactory results of the testing led to a coal mining endeavor that continued well into the 1880s.

The accidental discovery of clay deposits the following year immediately led to the establishment of a large pottery manufacturing business in Lincoln. Charles Gladding, Peter McBean, and George Chambers erected a kiln in May 1875 for the production of vitrified clay sewer pipe. By the 1920s, the Gladding, McBean & Company Pottery Works employed some 600 employees and produced a variety of clay products for shipment to such cities as Chicago, Kansas City, St. Louis, Seattle, and Portland. Gladding McBean & Company continues to produce clay products today, including the architectural terra cotta detail work for which it has gained international renown (Lardner and Brock 1924).

METHODS

The effort to identify cultural resources in the project area included a records search, historical research, an intensive pedestrian survey, and a reconnaissance-level survey. Letters requesting information regarding cultural resources were sent to the Placer County Museums Department and to Native American representatives in the area; however, no information has been obtained from these consultations to date.

Records Search

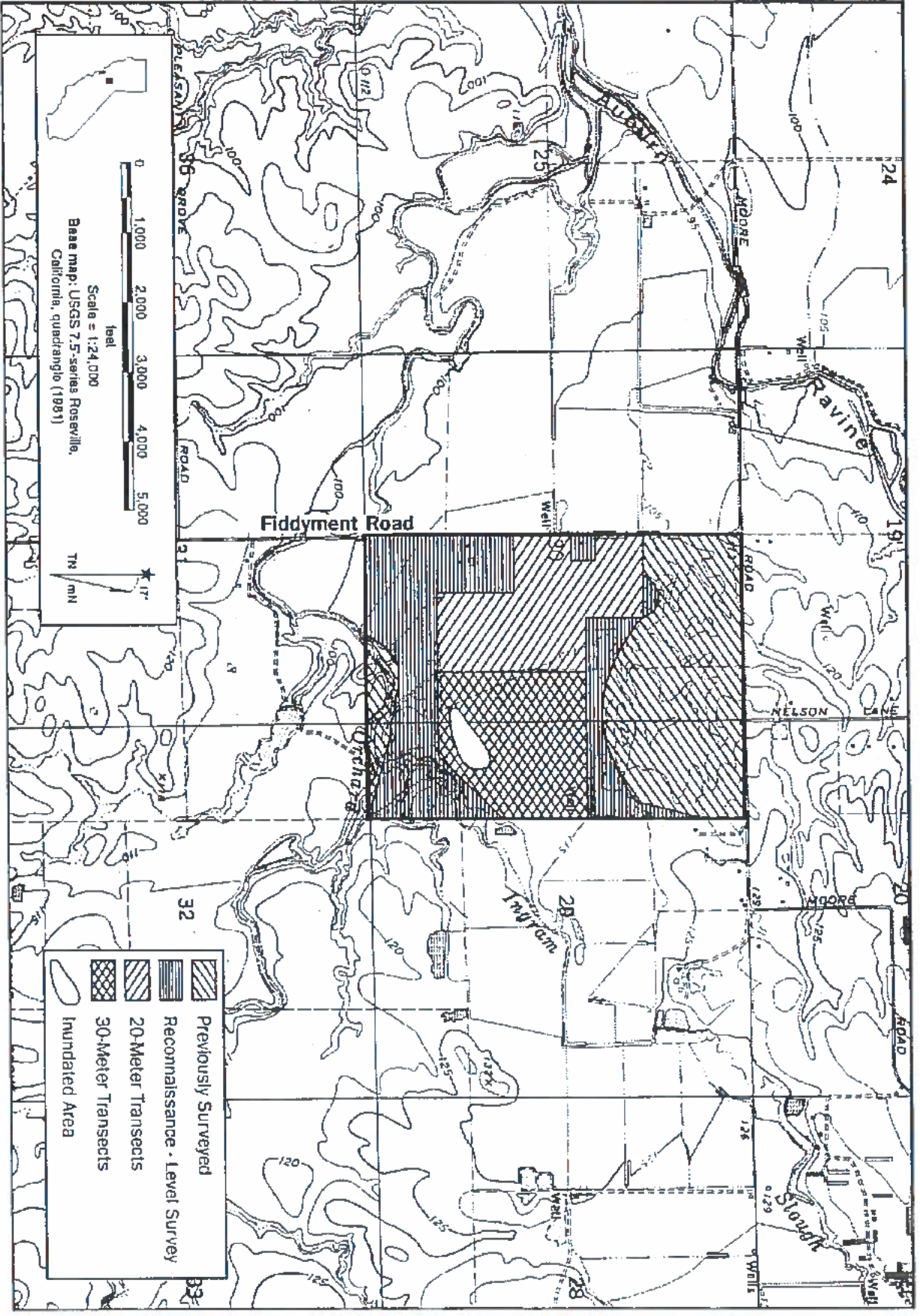
A records search was conducted at the North Central Information Center of the California Historical Resources Information System at California State University, Sacramento, on March 2, 1998. The records of previous cultural resource studies and previously recorded cultural resource sites were consulted. In addition, the following inventories were consulted:

- the Historic Resources Index;
- the National Register of Historic Places (NRHP);
- the Determinations of Eligibility for the National Register of Historic Places;
- California Historic Landmarks;
- California Points of Interest;
- the California Department of Transportation Local Bridge Evaluations; and
- the Historical, Architectural, & Archaeological Resources of Placer County, the report of the Placer County cultural resources inventory (Ogden Environmental & Energy Services Company et al. 1992).

Field Survey

Two levels of survey were conducted for the entire 474.56-acre area being considered for the permanent wastewater treatment plant. The approximately 250-acre area in which specific project activities are planned was covered by an intensive pedestrian survey on May 6 and 7, 1998. Three Jones & Stokes Associates archaeologists walked over the area in systematic transects 20-30 meters wide, as the specific landscape of the project area dictated.

Although the entire area was covered in grass, areas with more visibility were surveyed in 20-meter transects. Areas with grass to a height of 3 feet were surveyed in 30-meter transects. In addition, a large area was inundated with approximately 2 inches of water and was therefore not accessible for a pedestrian survey. The remaining 224.56 acres, which would not be directly affected by project activities, were surveyed using a cursory survey strategy in which the areas were viewed from appropriate vantage points. These areas are indicated in Figure 2.



Jones & Stokes Associates, Inc.

Figure 2
Survey Coverage Map

RESULTS

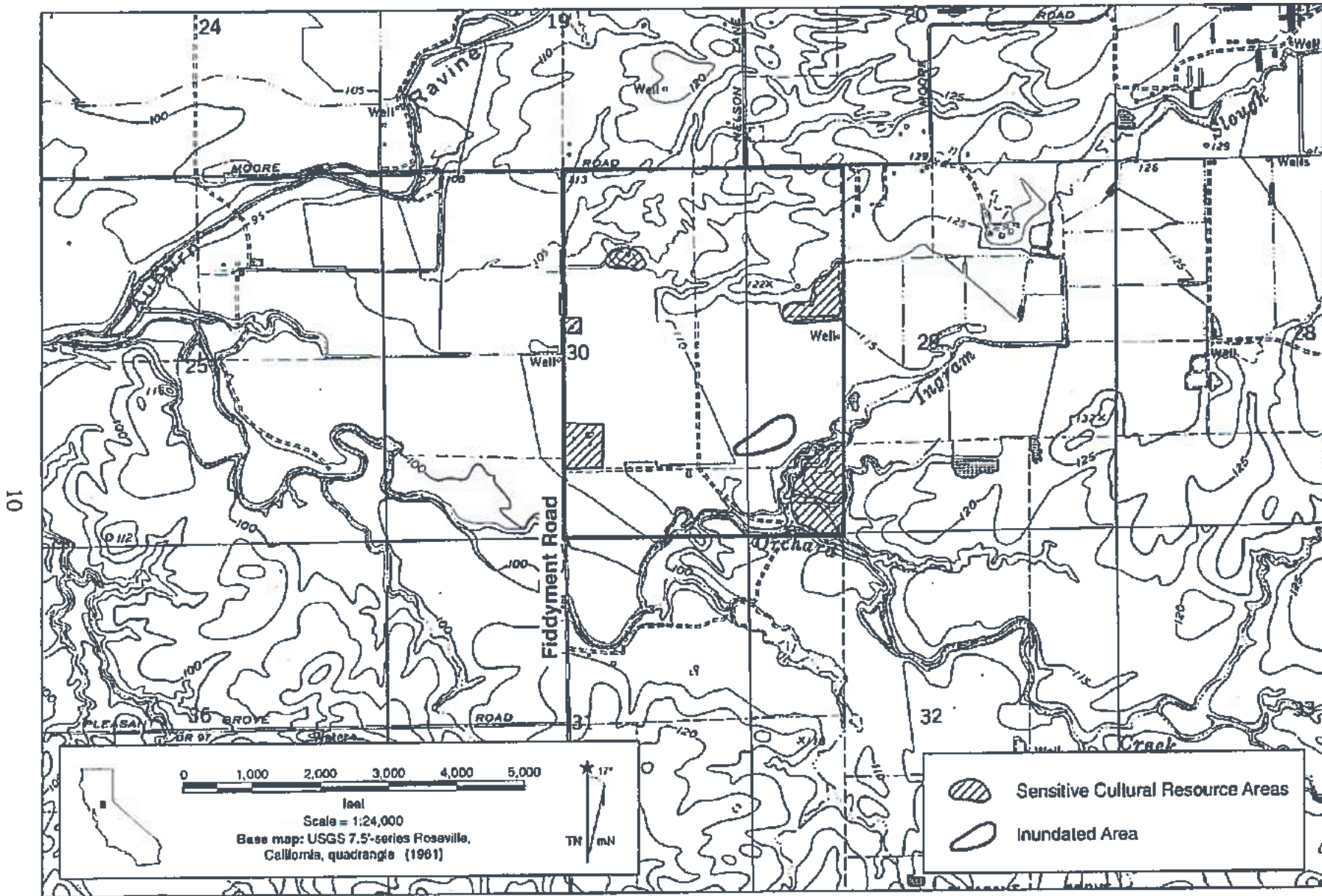
The records search indicated that parts of the project area had been previously surveyed (Lindstrom 1989). This survey was a cursory coverage, conducted in 75- to 100-meter transects. No cultural resources were identified as a result of this survey.

No cultural resources were identified as a result of the intensive pedestrian survey of the 250-acre area in which specific project activities are planned. The reconnaissance-level survey of the remaining 224.56 acres resulted in the identification of several culturally sensitive areas, or areas determined to have a moderate to high potential for the presence of prehistoric or historic cultural resources (Figure 3). Most of these sensitive areas contain structures, including an earthen-bermed reservoir. The southeastermost sensitive area is a knoll northeast of Ingram Creek that appears highly sensitive for prehistoric resources.

CONCLUSIONS AND RECOMMENDATIONS

Although no cultural resources were identified in the approximately 250-acre area in which specific project activities are planned, there is the possibility of impacts on unknown cultural resources that are covered by soil deposits or vegetation and could not be found during the field survey. The following recommendations should be implemented to comply with the State CEQA Guidelines and Section 106 regulations:

1. If any archaeological artifacts, non-native rock, or unusual amounts of shell or bone are uncovered during any onsite construction activities, all work must stop immediately in the area, and a qualified archaeologist must be retained to evaluate the deposit. The City of Lincoln Community Development Department must be contacted for review of the archaeological find(s).
2. If the discovery consists of human remains, the Placer County Coroner and Native American Heritage Commission also must be contacted. Work in the area may proceed only after authorization is granted by the City of Lincoln Community Development Department. A note to this effect shall be provided on the improvement plans for the project.
3. The sensitive areas identified on the 224.56 acres not planned for any project activities should be strictly avoided during implementation of this project. If any project activities are planned in the future for this area, an intensive survey strategy will be required to comply with CEQA. If this area is in the area subject to a Section 404 permit under the Clean Water Act, additional inventory may be necessary.



Jones & Stokes Associates, Inc.

Figure 3
Sensitive Cultural Resource Areas Map

LIST OF PREPARERS

This cultural resource inventory was conducted by Jones & Stokes Associates archaeologists Trish Fernandez, Shahira Ashkar, Wendy Rouse, and Mike Aviña. The report was prepared by Trish Fernandez with contributions from Wendy Rouse and was reviewed by senior archaeologist Dana McGowan.

CITATIONS

- Fredrickson, D. A. 1973. Early cultures of the north Coast Ranges, California. Ph.D. dissertation. Department of Anthropology, University of California, Davis. Davis, CA.
- Kroeber, A. L. 1925. Handbook of Indians of California. Dover Publications. New York, NY.
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LINCOLN - PLA

ROSEVILLE - PLA

PLA-97-34

4056

**CULTURAL RESOURCE
STUDIES - CITY of
LINCOLN WASTE
WATER TREATMENT
PLANT PROJECT**

Prepared for
Sugnet & Associates 2260 Douglas Blvd., Suite 160
Roseville, California 95661

by
Eleanor H. Derr Cultural Resources Unlimited
2614 Aramon Drive
Rancho Cordova, California 95670

March 1997

RECEIVED BY:
<i>Des</i>
<i>2672</i>

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MANAGEMENT SUMMARY/ABSTRACT

Cultural Resources Unlimited has been contracted by Sugnet Associates of Roseville to provide cultural resource services for the City of Lincoln for five potential alternative sites proposed for the City's Waste Water Treatment Plant Addition. This study consists of historical and archaeological resource analysis for the five sites which consist of one 356-acre parcel, and four parcels containing 50 to 80 acres each, located in southwestern Placer County southwest of the City of Lincoln as shown on the U.S.G.S. Roseville and Lincoln topographic maps. Fiddymment Road marks the westward boundary, and Athens Avenue the southern, with the northern-most boundary near Auburn Ravine.

The project will involve the construction of a tertiary wastewater treatment plant which will require roughly 50 acres of land and will involve construction of both surface and subsurface facilities. The parcels and survey results are as follows:

- Project Site #2 - located on the west and north sides of Moore Road: no significant cultural resources noted. This alternative is expected to offer *no significant impacts*.
- Project Site #2A - located on the west side of Nelson Lane: no significant cultural resources located. It must be noted that very heavy vegetation and recent flood debris covered the areas adjacent to the creek, thus ground visibility in that area (which must be considered potentially significant for cultural resources) was effectively zero. There is also a working ranch with house, large barn, other outbuildings and a small unidentified stone feature on the southern half of this parcel. Aside from these constraints, this alternative is expected to offer *no significant impacts*.
- Project Site #3A - located north of Athens Avenue on the north of Orchard Creek: no cultural resources noted. A cultural resource site was previously noted for this property and the land immediately adjacent, however, no remains could be located at the time of survey. The previously-recorded features may be buried by subsequent soil deposition over the years, or may have been located off the project, or since been moved. There is thus a slight chance of buried resources; if anything is revealed during development, work must be stopped and a professional archaeologist called in to identify the find. However, this is a standard constraint as buried resources could conceivably occur almost anywhere. With this recommendation, this alternative is expected to offer *no significant impacts*.
- Project Site #3B - located north of Athens Avenue between Areas 3A and 3C: no significant cultural resources noted. This alternative is expected to offer *no significant impacts*.
- Project Site #3C - located on the east side of Fiddymment Road, and the north side of Athens Avenue: a historic ranch site exists on this property, extending east-west for approximately 1900 feet and north-south for approximately 450 feet south of the creek. A large cattle-feeding complex exists in the west-central portion, but this is apparently of more recent origin and is not considered a significant historical resource. Aside from these constraints, and with recommended mitigation measures for the historic ranch site (see Management Considerations), this alternative is expected to offer *no significant impacts*.

UNDERTAKING INFORMATION/INTRODUCTION

On February 27, 1997 Cultural Resources Unlimited was contracted by Sugnet & Associates to provide cultural resource services for the City of Lincoln Waste Water Treatment Plant Addition. This would consist of historical and archaeological resource analysis for five potential sites consisting of one 356-acre parcel, and four 50- to 80-acre parcels.

The project will involve the construction of a tertiary wastewater treatment plant which will require roughly 50 acres of land and will involve construction of both surface and subsurface facilities.

SETTING

The project is located in southwestern Placer County southwest of the City of Lincoln. Fiddymment Road marks the extreme westward boundary of the general project area, and Athens Avenue the southern. The project lands can be located on the Roseville and Lincoln 7.5' U.S.G.S. topographic maps, in Township 12 North, Range 6 East, on Sections 19, 20, 31 and 32 (see Location Map).

Environment

This area is characterized as a portion of the Great Central Valley, and lies at the 100'-135' elevation. Summers are rainless and hot with average maximum temperatures of 88-101° F.; winters are cool with average minimum temperatures of 34-38° F., often with low tule fog (Storer and Usinger 1963:26). Rainfall averages 18 inches, with a growing season of approximately 10 months.

The project essentially extends from the Auburn Ravine area on the north to Athens Avenue, south of Orchard Creek, on the south. Small tributary drainages and vernal pools exist in several locations on the property. Vegetation consists almost entirely of grasses and ground covers. Oaks, willows, cottonwoods and other riparian vegetation are located in Auburn Ravine and domestic trees exist along some areas of Athens Avenue and Fiddymment Road, as well as at several older farm and house site-areas. This setting can be generally characterized as rolling grasslands, primarily used for grazing.

Soils on the project consist of Alamo-Fiddymment complex, 0 to 5% slopes (#104), undulating to rolling well drained soils underlain by siltstone in the western lowlands at Area 3A, with Cometa-Fiddymment Complex (#141) on 1 to 5% slopes, undulating soils on low terraces at Areas 2, 3B and 3C, and Cometa-Ramona sandy loams (#142) at Areas 2 and 2A. Cometa soils are deep well-drained soils over claypan and Ramona soil is a very deep well drained alluvial soil; both are formed from granitic sources. Occasionally flooded Xerofluvents (#193) are found along both Auburn Ravine and Orchard Creek along with frequently flooded Xerofluvents (#194), especially in Area 2A along the northern creek bed. Xerofluvents are

variably colored stratified sandy, silt and clay loams that become gravelly at increasing depths (U.S.D.A. Soil Conservation Service 1980:11, 39, 40, 71, 72, Sheets 8, 13).

Prehistoric Period

In 1931, archaeological work at three sites near the confluence of Deer Creek and the Cosumnes River in Sacramento County determined the prototypes for the Early-Middle-Late Horizon model of the prehistory of the northern Central Valley/Delta area, a model used for nearly half a century. The Early culture may have originated in the Plateau region of Oregon and Washington and possibly represented the initial arrival of Penutian-speaking people into Central California, at about 2500 B.C. (Moratto 1984:179, 184-85).

It was originally believed that the Delta area was a "center of cultural specialization" from which the Early, Middle and Late culture phases spread to most of central California, except to the Bay Area which was believed to have had an established culture developing along different lines (Lillard et al 1939). In the mid-1950s, the original sequence was refined and extended to include the Bay area, now assuming a basic uniform cultural succession in central California from the coast to the interior (Beardsley 1954). This refinement became known as the Central California Taxonomic System, as follows:

Early Horizon (Windmill): known sites predominantly in the Delta; burials were extended with a generally westerly orientation and few cremations, many burials included grave goods; use of crystals and red ocher; *Olivella* and rectangular *Haliotis* beads, ornaments of *Haliotis*; perforated animal teeth and turtle carapace; abundance of charm stones; stone pipes; heavy stemmed and leaf-shaped projectile points, 60% non-obsidian, probably used with atlatls; molded baked clay objects, especially net weights for fishing; fewer bone artifacts; and few grinding stones suggesting dependence on hunting/fishing rather than on seed use. Work by Robert Heizer (1949:30; 1958) and Sherbourne Cook (1949) suggested that the Early Horizon lasted between 7500 and 4000 years ago.

Middle Horizon (Cosumnes): sites found throughout the mid-Central Valley; burials tightly flexed with variable orientation and use of stone cairns and powdered red ocher, more cremations than previously; grave goods with most cremations, but with only 40% of graves; new types of *Olivella* beads and circular and sub-rectangular *Haliotis* beads; many *Haliotis* ornaments of varied shapes; distinctive fishtail and asymmetrical charm stones; cobble mortars and chisel-ended pestles for wooden mortars, many bone tools; large heavy projectile points for probable atlatl use, non-obsidian but with foliate and lanceolate concave-base types predominating; more evidence of violent death; baked clay objects; a more diversified subsistence inferred, with seed gathering as well as fishing and hunting. It is believed that environs of the Bay Area was occupied by "Middle Horizon" cultures around 2500 years ago.

Late Horizon (Hotchkiss): sites located throughout central California with influence in adjacent areas; various types of burial including flexed position and cremations, pre-interment burning of grave goods, red ocher use less common and more generally in lumps than in powder form; many baked-clay items; new *Olivella* bead types; more elaborate and varied *Haliotis* ornaments; magnesite disk beads and cylinders, many clamshell disk beads; flanged, tubular pipes of schist and steatite; small side-notched obsidian points, some with deep

angular serrations; the use of bow and arrow now inferred from these small points as well as from arrow-shaft straighteners; shaped, flat-bottomed stone mortars and cylindrical pestles; ornamental bird bone tubes, often with elaborate incised designs; introduced historic items, such as glass beads in the latest period; a subsistence based on acorn and other plant foods as well as on hunting, fowling and fishing (Moratto 1984:181-183). James Bennyhoff refined the Late Horizon into six phases (Fredrickson 1968), beginning with a Middle-Late transition at approximately 100 B.C.-A.D. 300, leading to three phases in the late prehistoric (A.D. 300-1769) and early historic (A.D. 1769-1881). This taxonomic system has more recently been modified and revised by Fredrickson in 1993, extending back to at least 8000 B.C. with periods referred to as PaleoIndian (8000-6000 B.C.), upper, middle and lower Archaic (6000 B.C. to 1000 A.D.) and upper and lower Emergent (1000 to 1800 A.D.) (Hughes 1994:91-103).

Key technical changes included the replacement of the atlatl and spear by the bow and arrow around A.D. 600-800 and the intensive use of mortars and pestles, including bedrock milling features after A.D. 1400-1600, reflecting a growing reliance on the acorn as a staple food, probably due to population increase. A decline is seen in the use of basalt and slate for flaked tools with increase in the use of obsidian, a superior material but from non-local sources. More use of marine shell resources also attests to greater trade capabilities (Moratto 1984:302-304).

Regional Archaeology

The most comprehensive study of prehistoric sites in this region may be that of Roger Robinson who surveyed and excavated along the Auburn Ravine from approximately three miles east of Lincoln to the vicinity of Gold Hill in 1964. He studied three major site complexes as well as a fourth site believed to have been a permanent habitation site. Several smaller sites were also included in this study. The most prominent site in the study area, #31-106 was determined to be primarily from the Phase II Late Horizon, with also an apparent deposit from the Middle Horizon. There were some historic glass trade beads present, indicating ethnographic contact. This may be the same mound known as the Lincoln Mound which was excavated during the 1930s (Robinson 1964:100-124).

Prehistoric Period

The lower foothills west and south of Auburn were utilized by the Native Americans for hunting and gathering of food resources, but are believed to have contained few permanent villages, at least in the more recent ethnographic periods. The Lincoln area contained a fishing/hunting/gathering camp known as *Bámuma*, located near a salt marsh. One permanent, but apparently small village, *Bákacha*, is known for the Rocklin area (Littlejohn 1928:16, 49; Wilson & Towne 1978:388, Fig.1). Some living sites have been reported along Pleasant Grove Creek, the largest creek in the project area, but this may reflect the disturbance of traditional lifestyles after the historic period began.

Ethnography

The drainages of the Yuba, Bear and American rivers and the lower drainages of the Feather River composed the territory of the Nisenan Maidu (Wilson and Towne 1978:387). The

western boundary was the area of the west bank of the Sacramento River from near the mouth of the Feather River to a few miles below the confluence of the American River. The eastern boundary was near the crest of the Sierra Nevada. The southern boundary extended to a few miles south of the American River, the Cosumnes River drainage apparently being originally occupied by the Miwok (Bennyhoff 1961:225). The Valley Nisenan occupied the Sacramento Valley from the river to the foothills (Wilson and Towne 1978:387).

Large villages, often comprising several hundred individuals, usually consisted of family dwellings, acorn granaries, bedrock mortars, one or more sweat houses, a headman's house and a large communal dance house ('kum'). Houses were circular, ranging from approximately eight feet in diameter for dwellings to twenty or more feet in diameter for the dance house. Lands between large villages contained smaller settlements of a few households totaling 15 to 25 people related by kinship and economic ties to the principal village. Use of caves was rare, but some occurrences are known (Wallace & Lathrop 1952). The economic base was essentially hunting and gathering; a tremendous variety of roots, nuts, bulbs, seeds, greens and berries were used in addition to acorns. Meat was obtained from deer, pronghorn antelope, black bear, rabbits, squirrels, quail, and pigeons, with fish becoming more important along the larger rivers (Ritter & Shulz 1972; Derr 1983). Technology included ground and flaked stone including bedrock and bowl mortars, wooden tools including sinew-backed bows, leather working and woven basketry, nets and matting. Religious concerns included ceremonies and dances at the kum, mourning ceremonies (burning of gifts) at grave sites, and use of special, holy sites (Moratto 1984:290-291; Wilson and Towne 1978:388-395).

Nisenan territory - project vicinity:

Early contact with the Spanish probably occurred only indirectly in this area. In 1776 Jose Canizares explored the Delta, with resulting removal of some of the population to the missions. Resistance by the Miwok and nearby Nisenan occurred and no Nisenan are known to have ever gone to the missions. In 1808 Gabriel Moraga crossed the vicinity of Sacramento (Moraga 1808). By the 1820s American, French and Hudson's Bay trappers had entered Nisenan territory. These activities were peaceful and some trading with the Indians took place (Maloney 1945). In 1833 a severe malaria epidemic swept the Sacramento Valley (Cook 1955), killing possibly up to 75% of the population and resulting in the abandonment of many villages.

In 1839 John Sutter arrived in the area, becoming the first white settler in the Sacramento Valley (Gudde 1936). He met with some resistance from the Nisenan, but was able to enlist aid from the Miwok near the Cosumnes River for the development of his fort and surrounding farms. With the 1848 discovery of gold at Sutter's Mill at Coloma, on the south fork of the American River approximately 17 miles northeast of the current project, and the rapid spread of mining to all foothill areas, the culture and life style of the Nisenan were severely disturbed. Widespread disruption of the people and destruction of their villages and other sites occurred with the resulting influx of miners and mining related activities. At the same time, farming was begun in the Valley, impacting native culture in the lowlands (Wilson and Towne 1978:396-397).

The closest known ethnographic Nisenan villages to the project area appear to have been *Bamuma*, located near a salt marsh at the east end of the City of Lincoln; and *Bákacha*,

located to the southeast near Rocklin, and said by Littlejohn (1928:49) to have been a permanent village, but without a community dance house (*Kúm*).

Historic Period

After the initial era of Spanish and Russian exploration, and English and French trapping, California was visited by American trappers and explorers. In the winter of 1827-1828 the fur trapper Jedediah Smith explored the American River to the high Sierras (Morgan 1953: 207-08).

The first settlement in Placer County was Theodore Sicard's Ranch, on the south bank of the Bear River, with a grant in 1844 followed by an adobe house, built in 1845. In 1846 a fellow Frenchman named Claude Chana arrived at the ranch. The two men worked together to plant some peach and almond seeds, the beginning of commercial orchards in the Sacramento Valley. Chana is also credited with being the first to discover gold in Placer County, in Auburn Ravine. He eventually purchased Sicard's grant and successfully sold farm produce to miners.

Placer County was organized in 1851 from parts of Sutter and Yuba Counties, with Auburn as the county seat (Hoover, Rensch & Rensch 1966:265). Settlement in western Placer County began with early agricultural enterprises in the rolling, grassy plains. No Spanish land grants ever existed within the present boundaries of Placer County, although the Rancho Del Paso grant lay immediately to the south in Sacramento County.

Early settlers in Placer County included members of the J.P. Whitney family, who owned large areas of land between Rocklin and Lincoln, based at Spring Valley Ranch southeast of Lincoln. The Fiddyment family owned two large ranches just south of Pleasant Grove Creek, south of the project. The Kaseberg's Diamond K Ranch was located between the Whitney and Fiddyment ranches. Other early settlers were Joseph Walkup and Samuel B. Wyman who arrived in 1851, settling a short distance east of Lincoln and in 1852 harvesting the first crop of wheat in Placer County (Thompson & West 1882:240). These men also purchased 320 acres of land adjacent to the current project in 1860, in Section 28. Another notable settler was Christian Johnson who purchased two parcels within the Sunset Industrial Area (SIA), in Section 32 on the north side of Athens Avenue, in 1863 and 1875 (Lardner & Brock 1924:1067). An historic site noted by both Pastron in 1989 and Lindstrom in 1991 is shown as a structure area on the 1910 map on land settled in 1872 by Theodore Eastman. A historic house site just south of one of the project areas has been identified as that of J. Orchard, for whom the creek is named (Roop 1978:4). Another site, near Orchard Creek, is also shown on the 1910 map, on land originally belonging to Giles DeWitt Wilbur, purchased in 1860. Neither of these sites has been adequately studied, but could contain significant remains.

In general, lands in this general area were first sold or otherwise acquired between 1860 and 1875. George and Joel Whitney acquired some land in this region, from railroad and school grants, all apparently around 1891. Grain and livestock (especially sheep) were typical products in the early days, along with vineyards and fruit orchards. The Lincoln area was also host to mining activities, especially later during the 1930s when drag-line dredging was extensively used in Auburn Ravine just east of town (Clark 1970:87). Dry-land dredging was

also done, notably on the Ferrari Ranch north of the SIA as well as on other properties in the Lincoln and Loomis areas (Lindstrom 1989).

Lincoln

By 1861 the California Central Railroad (also known as California and Oregon Railroad) had been built as far as Lincoln, named for railroad promoter Charles Lincoln Wilson. The town of Lincoln thrived until 1866, when the railroad terminus was changed to Wheailand. Lincoln, however, continued as a shipping point for agricultural and commercial products, helped in large measure by the Gladding-McBean clay products plant located near extensive high-quality clay deposits at the north end of town (Hoover, Rensch & Rensch, 1966:267-68). Its location in the midst of active farming country, was also important in fruit-growing development, shipping as much as 126 cars of fruit in the 1923 season. Rice has also been grown here, with forty acres of production just south of town in 1919 (Lardner and Brock 1924:208).

RESEARCH DESIGN

This project is composed of five project areas which were identified as potential alternatives for the expansion of the Lincoln Waster Water Treatment Plant, currently located on Nicolaus Road in the western portion of the City of Lincoln. These areas were identified as Areas 2, 2A, 3A, 3B, and 3C - see Project Map (originally there was a Site Area #1, but this was dropped from consideration prior to any fieldwork), portions of which (in Areas 3A, 3B and 3C) had been previously surveyed. These prior surveys were performed between 1978 (Roop) and 1989 (Lindstrom). Due to the length of time since the surveys, and the fact that the 1989 survey was a mixed-strategy survey rather than intensive, it was determined that all project areas should be intensively surveyed/resurveyed to make certain that resource information will not be lost if and when these parcels are developed.

The 1996 overview for the Sunset Industrial Area (Cultural Resources 1996) had identified a historic ranching site south of Orchard Creek in Section 31, and the 1978 survey noted a prehistoric site north of Orchard Creek in Sections 28/29.

METHODS

A record search was performed at the California Historical Resources Information System's North Central Information Center at C.S.U., Sacramento. All previous surveys known to have been performed on the proposed project areas, as well as immediately adjacent to the project were reviewed. In addition, all sites of known prehistoric and historic activity were reviewed and their locations noted.

Historical documents on activities in this area of western Placer County were reviewed and early land surveys and ownership documents from the Sacramento office of the Bureau of

Land Management were reviewed. Letters defining the project area were mailed to the Native American Heritage Commission and other local Native Americans, the Placer County Historical Society's archivist in Lincoln, the Placer County Department of Museums in Auburn, as well as to other local historians. Library research was undertaken to better identify the times, use and ownership of the ranch site. Historical publications concerning this portion of Placer County were reviewed at the State Library and the Roseville library.

All five of the project areas were surveyed using transects of approximately 30 to 35 meters. The lands are generally composed of open grassy rangeland and visibility for features was good, with little or no exposed native rock. The exception was Area 2A which contains Auburn Ravine, with dense riparian vegetation including large trees. Orchard Creek at Area 3C also has large trees near Fiddymont Road. The remainder of the lands were virtually treeless. With these conditions, the 30-35 meter transect intervals was deemed to be adequate for intensive coverage. The areas of heavy vegetation adjacent to creeks were more intensively studied, as was the area with the historic ranch features.

REPORT OF FINDINGS

Soil visibility on the open areas ranged from poor to moderate due to the amount of short dense grass with some areas of dense dry grass coverage, however, most areas had frequent rodent back dirt exposures. Much of this land is grazed, eliminating most dry grass. Site 3A had not been grazed in at least the last two seasons.

The two afore-mentioned cultural resource site areas were intensively inspected during the project. The ranching site in Section 31 proved to be fairly extensive and was recorded.

The prehistoric site noted for Sections 28/29 was not able to be relocated within the area of the project, nor immediately adjacent.

None of the remaining project areas (Site Area 2A, 2B, 3B) revealed any signs of significant cultural use, either prehistoric or historic. Prehistoric use in this area has been described as primarily that of hunting (primarily rabbit and some deer, as well as fishing in Auburn Ravine Creek) and gathering (various grass seeds and spring vegetation). Such activities generally do not leave much evidence. The absence of exposed native bedrock also contributes to the paucity of finds, although portable ground stone items have been reported in this area. These lands have mostly been disced or plowed in the past, and it is thus possible for such items to have been buried.

DISCUSSION/INTERPRETATION

With the exception of the historic ranch site, no other cultural resources were located on the proposed project properties. One prehistoric site had been noted for Project Site 3A, but no evidence of that site could be seen at the time of survey.

The historic ranch site, which contains at least five separate features, not counting fences and various irrigation pipes, has been recorded, but it is quite possible that buried artifacts remain. Features include (1) foundation remains of a large barn, possibly a dairy barn; (2) a smaller building with a large opening on the north and which may have been a vehicle building; (3) a large water storage facility with adjacent well, pump and cement foundation containing a wheeled device which may have powered a windmill; (4) a standing pump house with adjacent well exists near Orchard Creek; and (5) an apparent house site and garden which shows some evidence of the structure having been burned. A drive way and several large eucalyptus trees and one cypress tree are exist between the house site and the road. This site appears on the current Roseville U.S.G.S. topographic map (1949/66 aerial surveys) and the 1910 (1908 survey) topographic map.

There is currently a large animal feeding station in the center of the parcel. The specific age of this feature and any possible connection with the historic features was not able to be determined, but it appears to be of non-historic origin. It does not appear on aerial maps as referenced above.

The historic General Land Office Survey map of 18 indicates the route of the Sacramento and Virginia(town) Road as running along the southern bank of Auburn Ravine, which would have put it with Site Area 2A. However, no evidence of this road remained within that parcel, probably as the land appears to have been previously disced. The thick growth of grass, as well as flood siltation (very evident on the north bank) could also obscure such remains.

MANAGEMENT CONSIDERATIONS

If Project Site Area 3C is to be used it is recommended that the historic site features, a sample of early ranching activities in the Lincoln area, be avoided if possible.

If this is not feasible, the five principal feature areas should be test-excavated to determine if any cultural deposits remain, and if so, their extent and contents. This can probably be accomplished in most areas with hand-augering to determine extent and areas, and shovel-tests to recover artifacts for activities and dates. The area of the house, which may have contained a basement and privy, may need more careful hand excavation to recover materials which can lead to more complete interpretation of the usage and time frames of this site.

The area of the reported prehistoric site in Project Area 3A may contain buried deposits. If any such resources are noted, a professional archaeologist should immediately be contacted to assess the finds.

As no other resources have been reported in this area, or noted during the surveys, no other significant impacts are expected anywhere else within the identified project alternative boundaries

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APPENDICES

MAPS

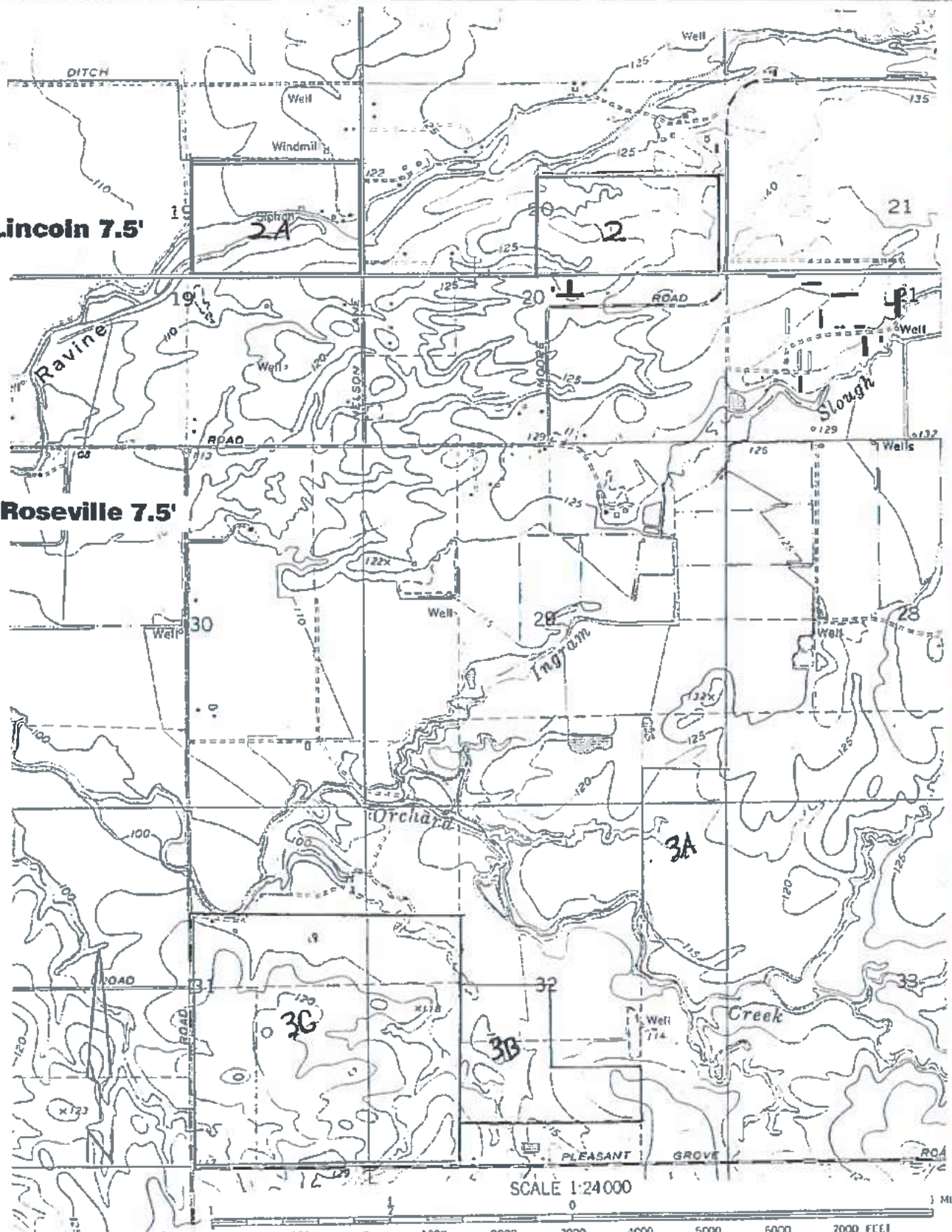
PHOTOGRAPHS

CONFIDENTIAL SITE RECORD

STATEMENT OF QUALIFICATIONS

Lincoln 7.5'

Roseville 7.5'

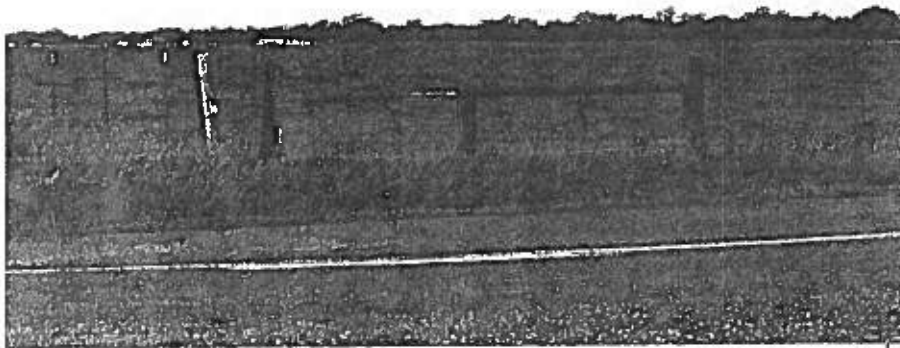


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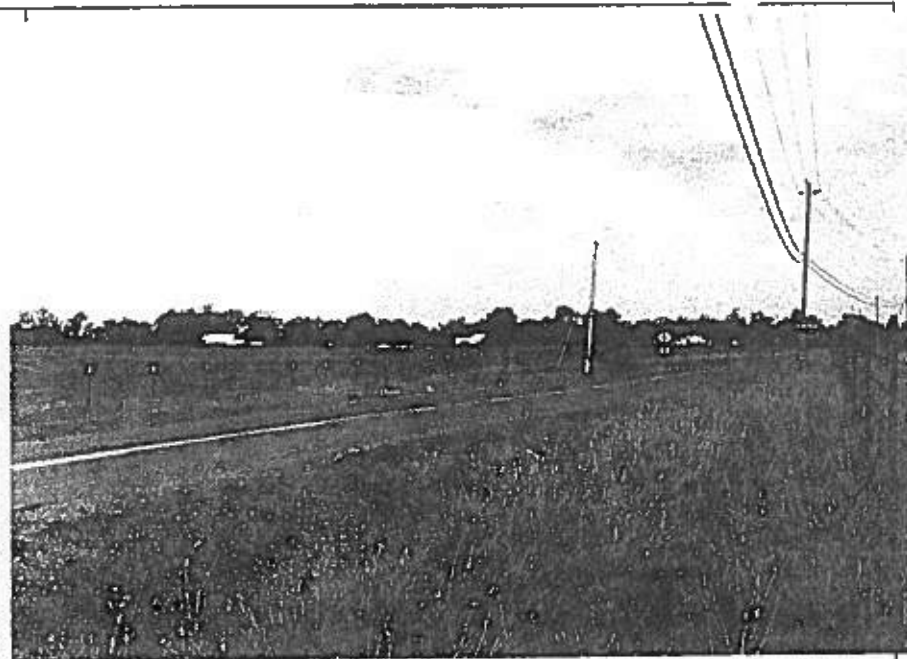


Location Map

CONTOUR INTERVAL 5 FEET



Project Site #2, view to west from Moore Road



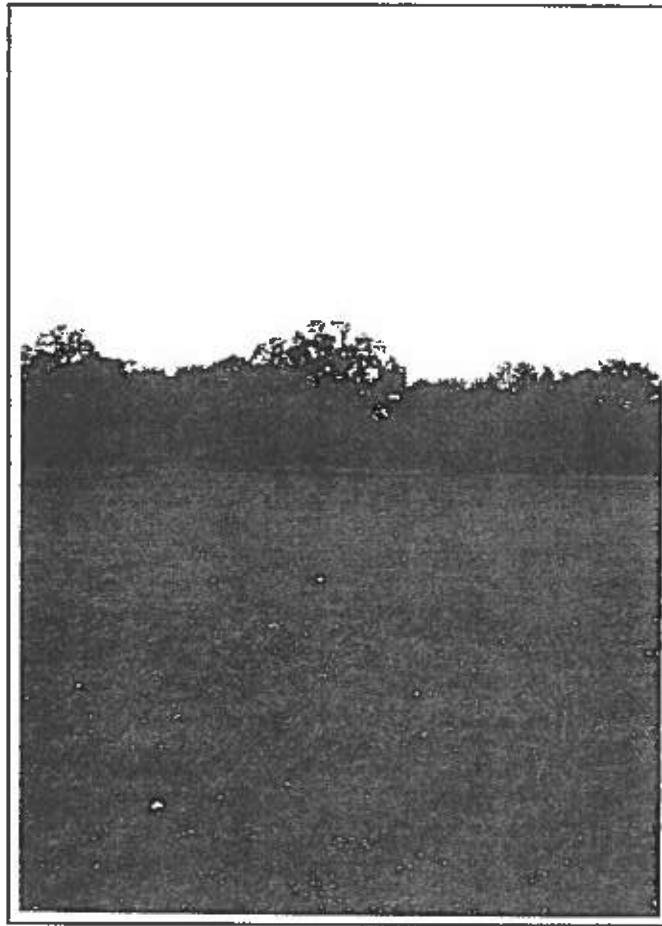
Project Site #2, view to NE, Moore Road with Auburn Ravine in distance



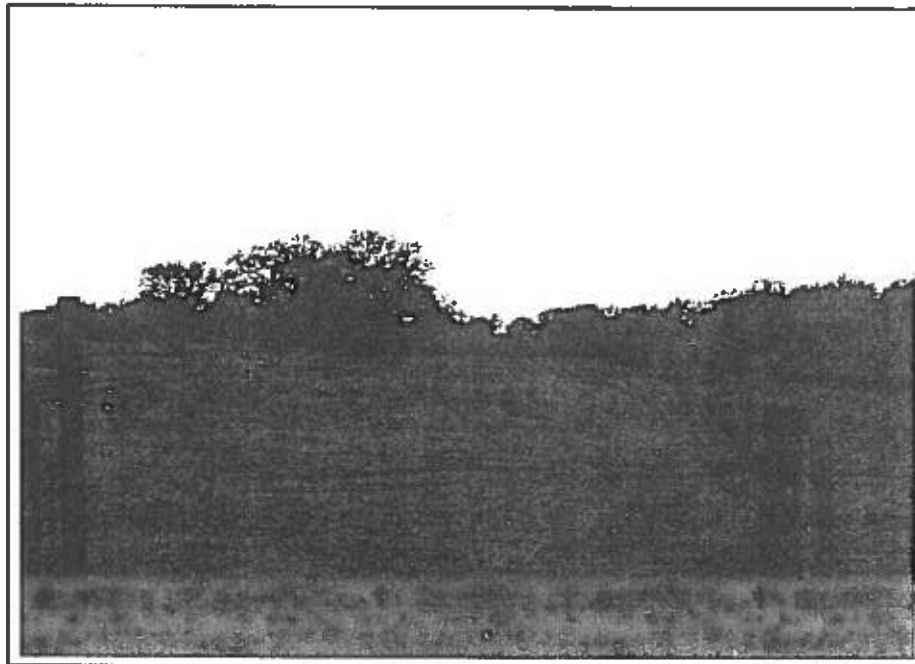
Project Site #2, view to southwest



View to Northeast from road, Auburn Ravine in distance



Project Site #2A, south side of Auburn Ravine (in rear) from center of parcel area.



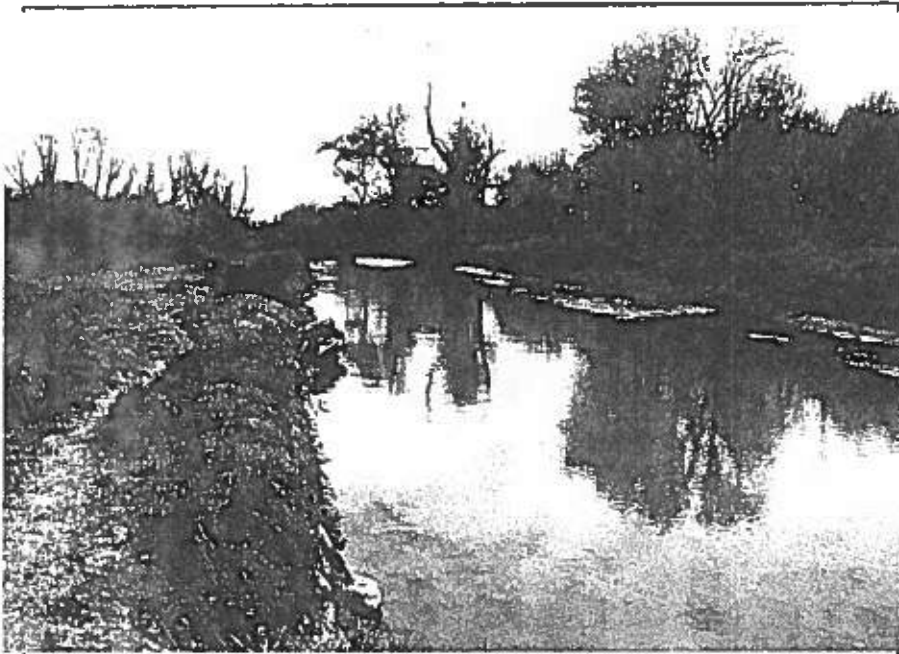
View of south portion from Nelson Lane, view to west, Ravine on right.



Auburn Ravine Creek, view to west from bridge at Nelson Lane



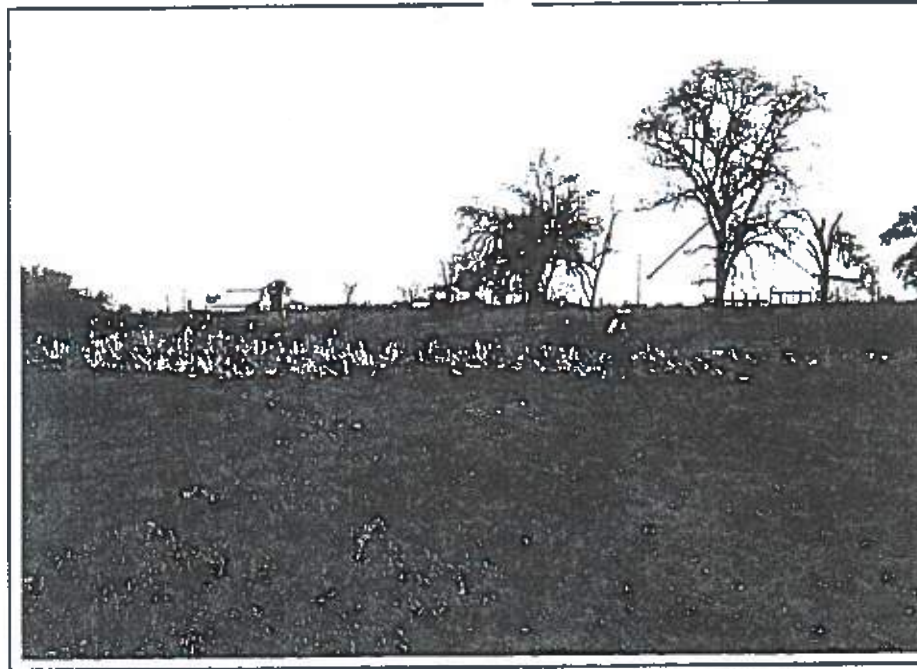
North bank of creek, floodplain. View to west



Auburn Ravine Creek, north/south segment east of dam structure



Auburn Ravine Creek, from north bank west of dam structure



Northern flood plain of creek with terrace and ranch in background



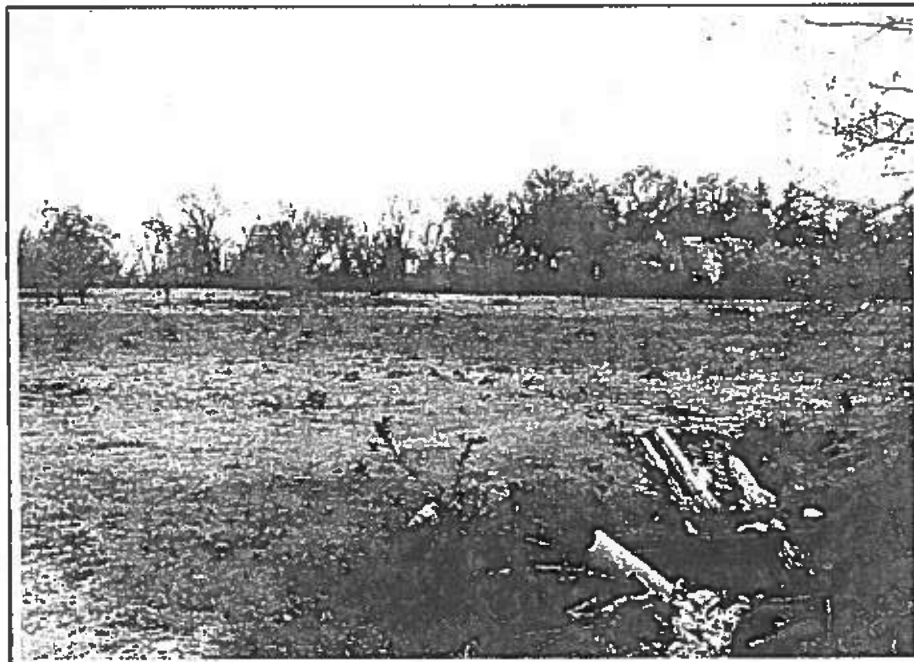
Project #2A, north creek floodplain showing flood debris



Close-up of flood debris, view to west; creek curves in background



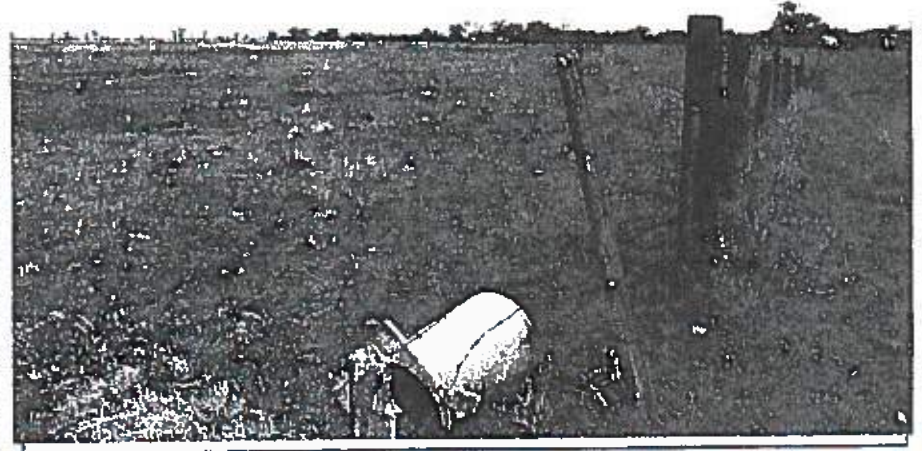
Northern flood plain of Auburn Ravine Creek, view to southeast from west end of Area 2A



Northern flood plain of Auburn Ravine Creek, view to south from west end of 2A



Northern portion of #2A, view to north along western border



North-central portion, view to northeast.



North-central portion of Project Area #2A, view to NE from ranch gate



Irrigation ditch for pastures, view to northwest from center of 2A

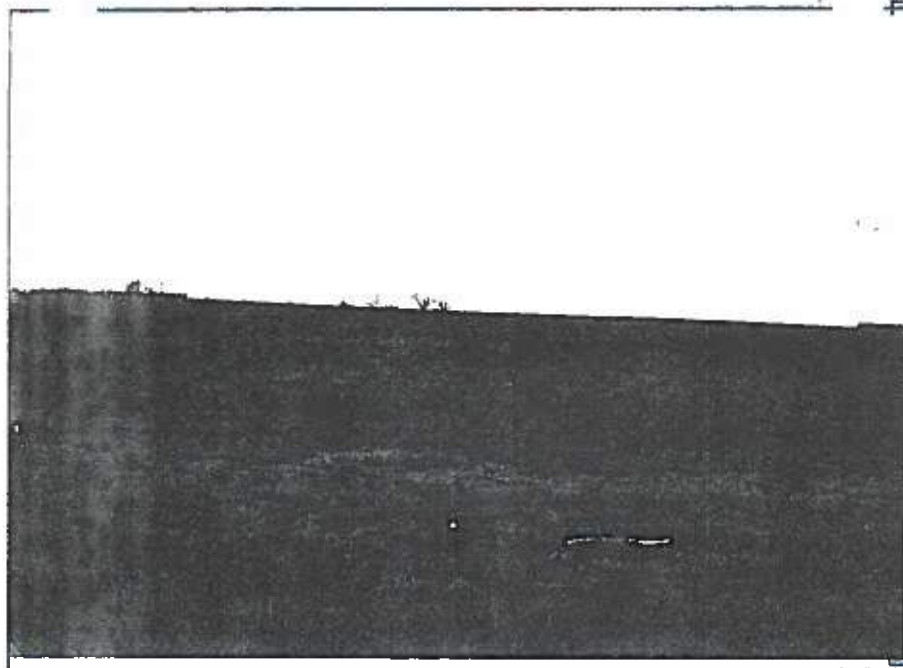




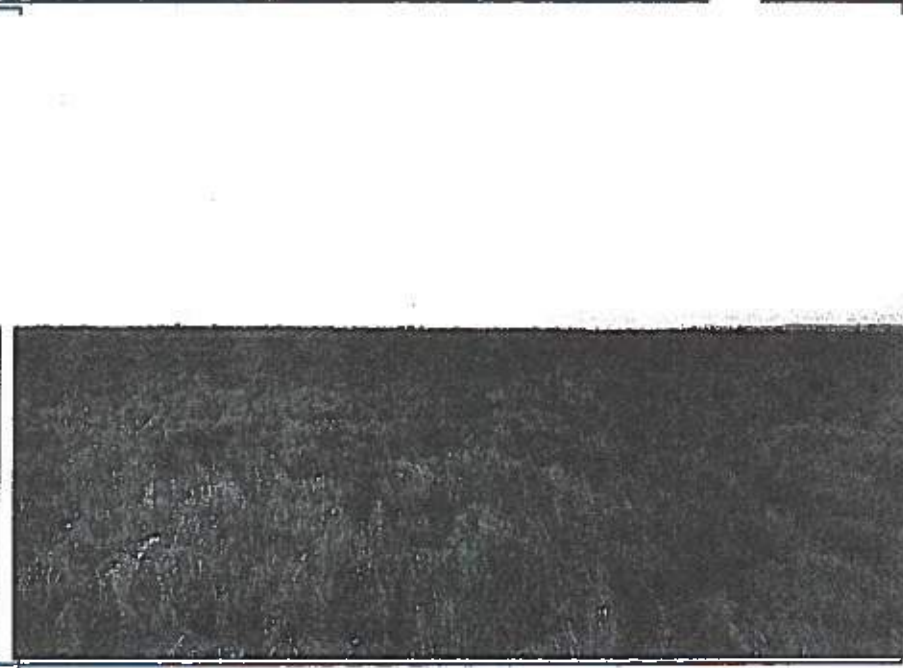
Isolate feature in Project Site 2A, view to east, along terrace above floodplain. (Possible windmill stand?)



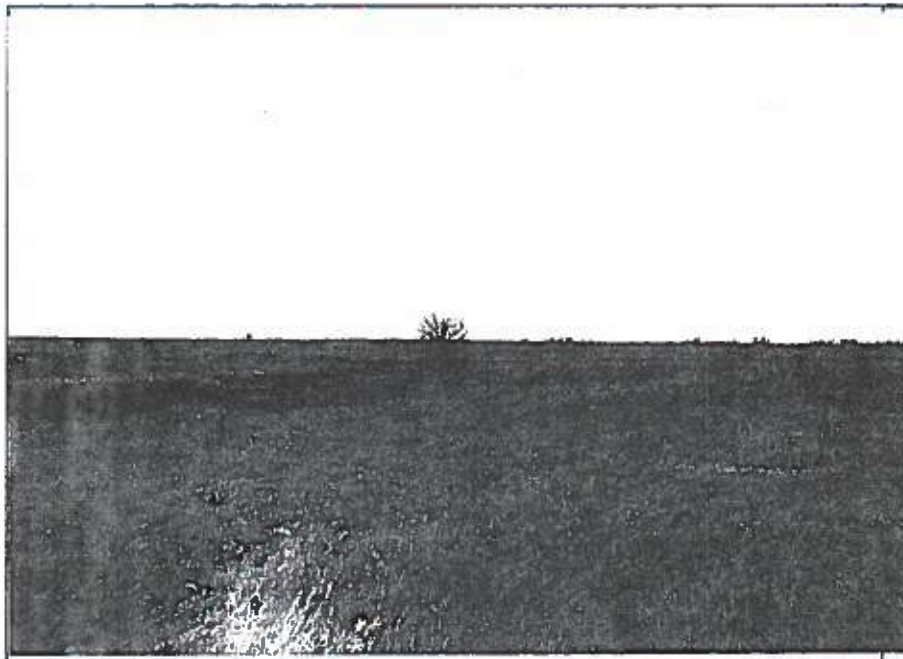
'Isolated feature' as above, view to south/southwest - Auburn Ravine Creek in background (beyond fallen tree).



View to north from Athens Road, project site 3A beyond trees



General view of Project Site 3A, dry and green grasses



Southwestern corner of Project Site 3A, at tree in center rear.



Bird's nest in northeast portion of Project Site 3A

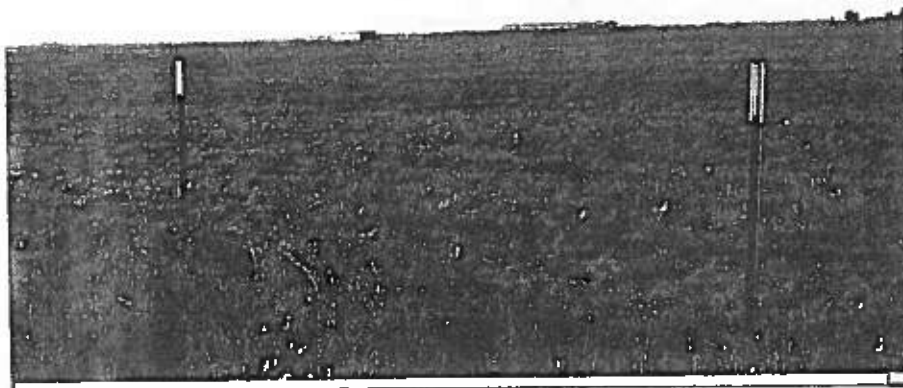




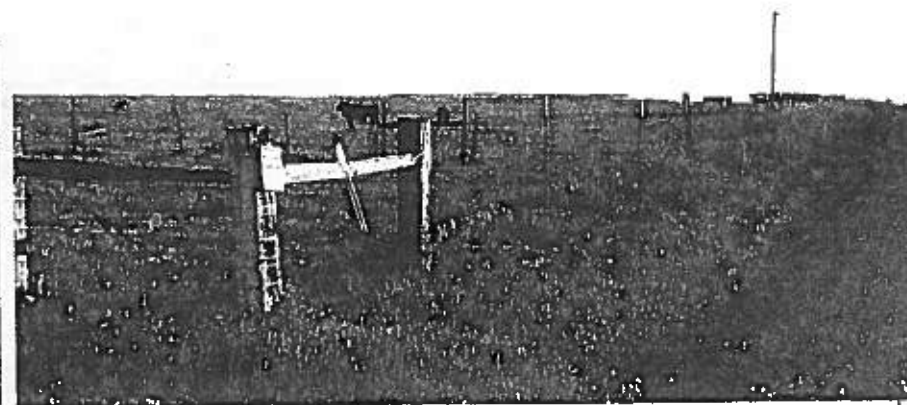
View to north from Athens Road, Project Site 3C, Fiddymment Road on left



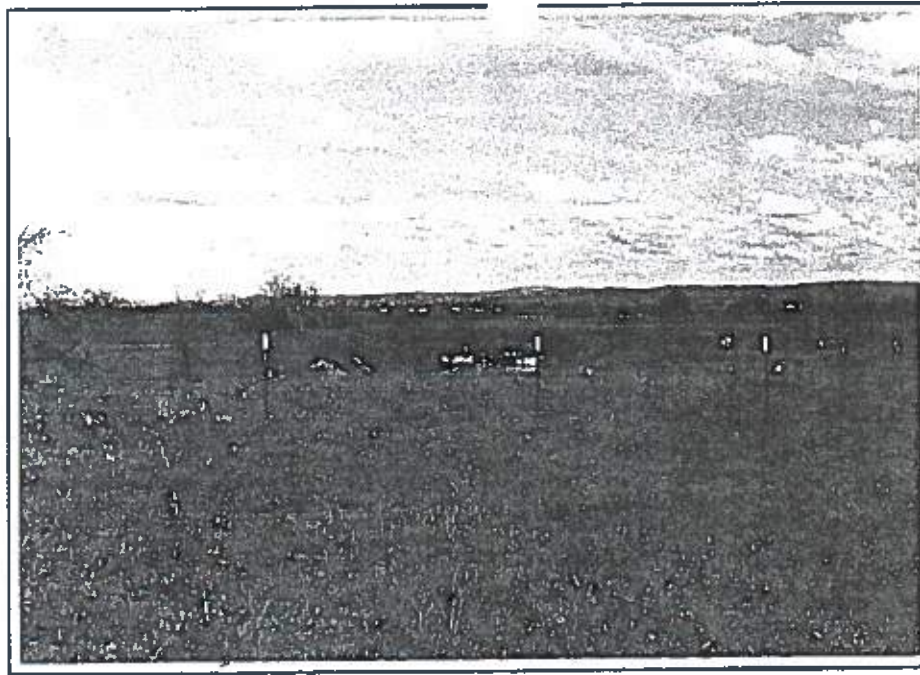
Southern area of Project Site 3C, view to northeast



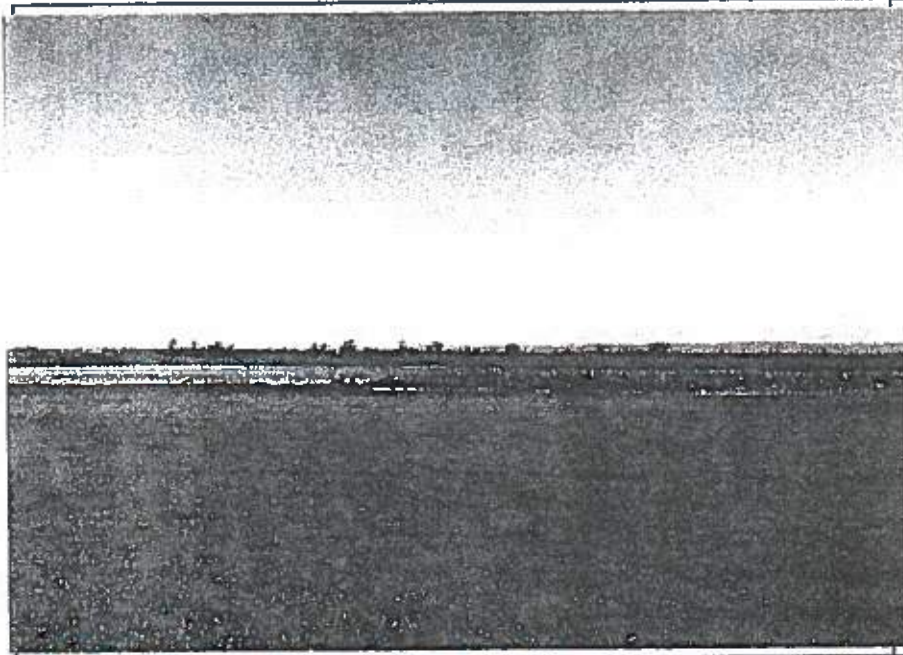
View east from Fiddymment Road, southern portion of Project Area 3C.



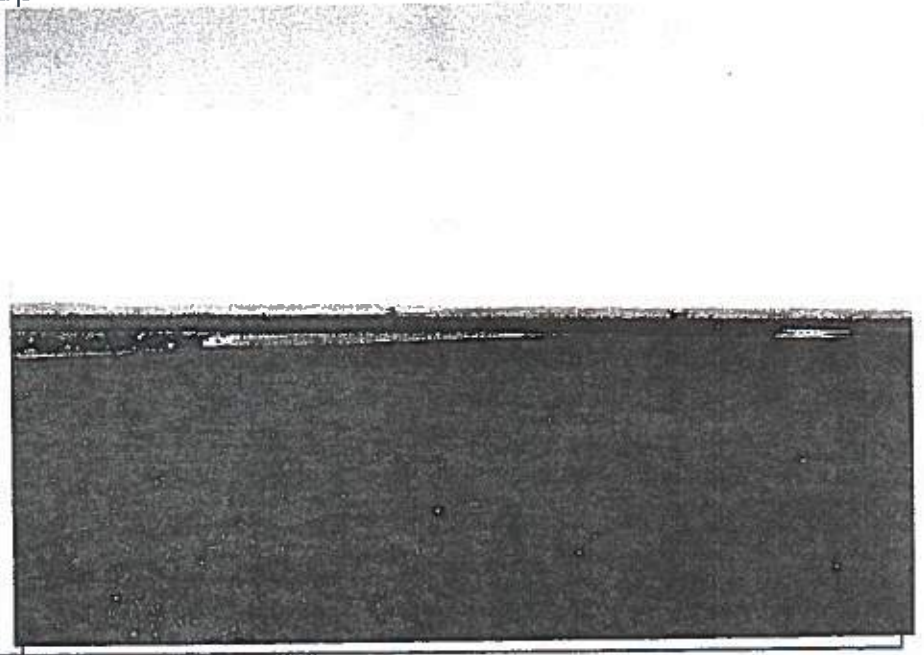
Western area of Project Site 3C, Fiddymment Road on right, view to SE



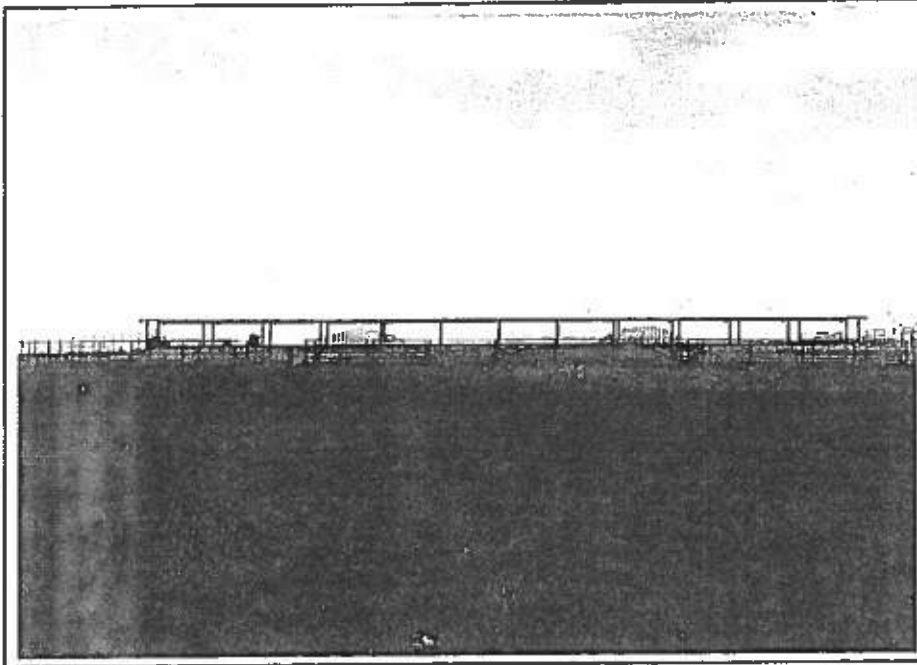
View to north from east of farm site, Orchard Creek in background



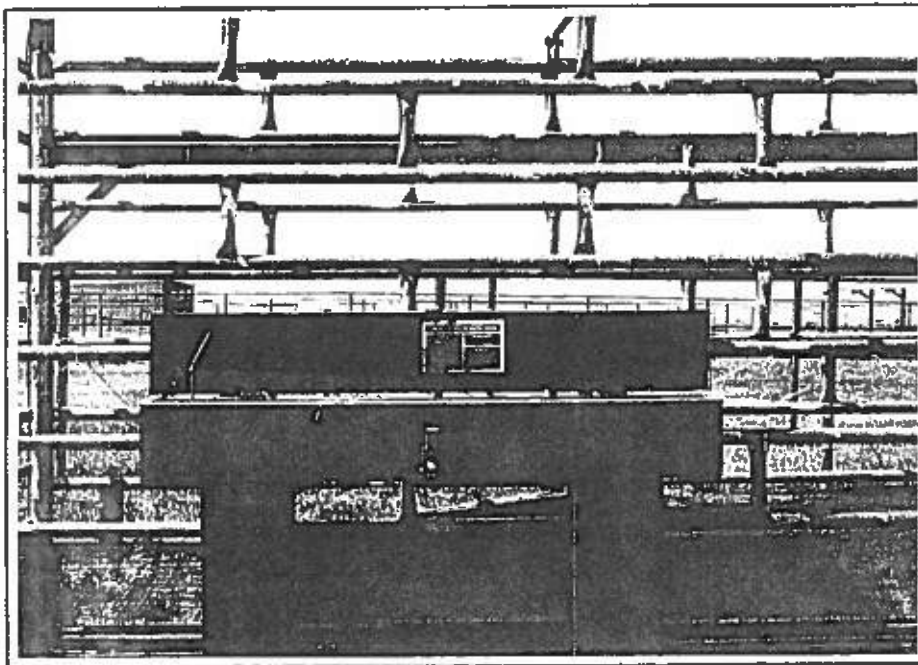
Tule lake area, northeastern portion of Area 3C, view to north



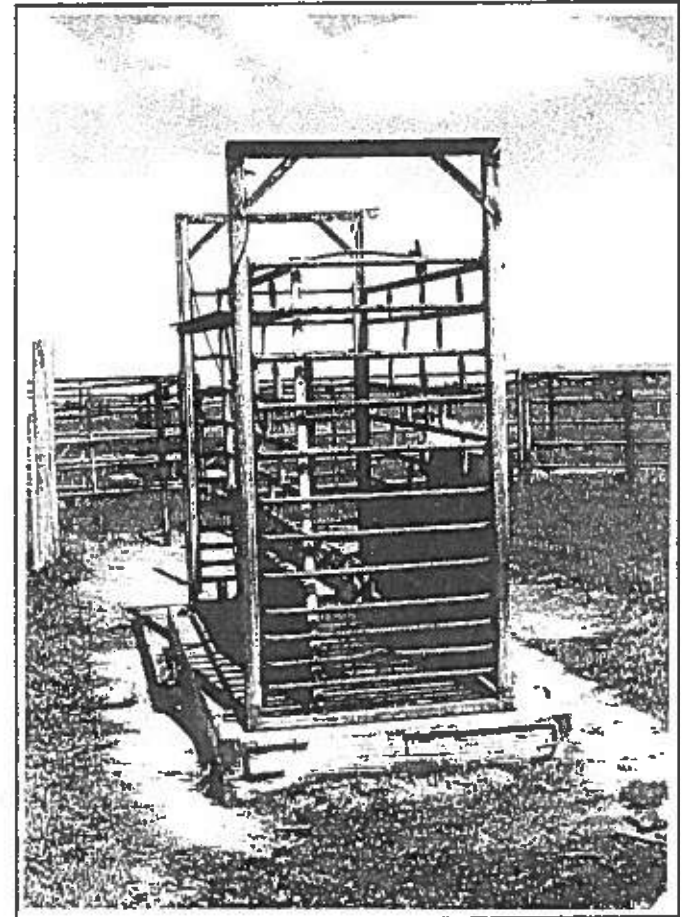
Eastern end of lake, view to northeast



Contemporary stock feeding shelter, central portion of Project Area 3C.
View to north



Portion of shelter, scale box (recycled military goods) on outside



Structure for holding cattle (weighing/medication etc)

4057

#4057

**Cultural Resources Inventory Report
for the City of Lincoln
Wastewater Treatment Plant Expansion,
Placer County, California**

Prepared for:

City of Lincoln
1390 First Street
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March 1999

RECEIVED BY:
MAY 11 1999
DATE: _____
BY: <i>Shs</i>
PROJECT: _____
FILE NO: _____
DATE: _____

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List of Acronyms

CEQA	California Environmental Quality Act
City	City of Lincoln
MGD	million gallons per day
NAHC	Native American Heritage Commission
WWTP	wastewater treatment plant

Cultural Resources Inventory Report

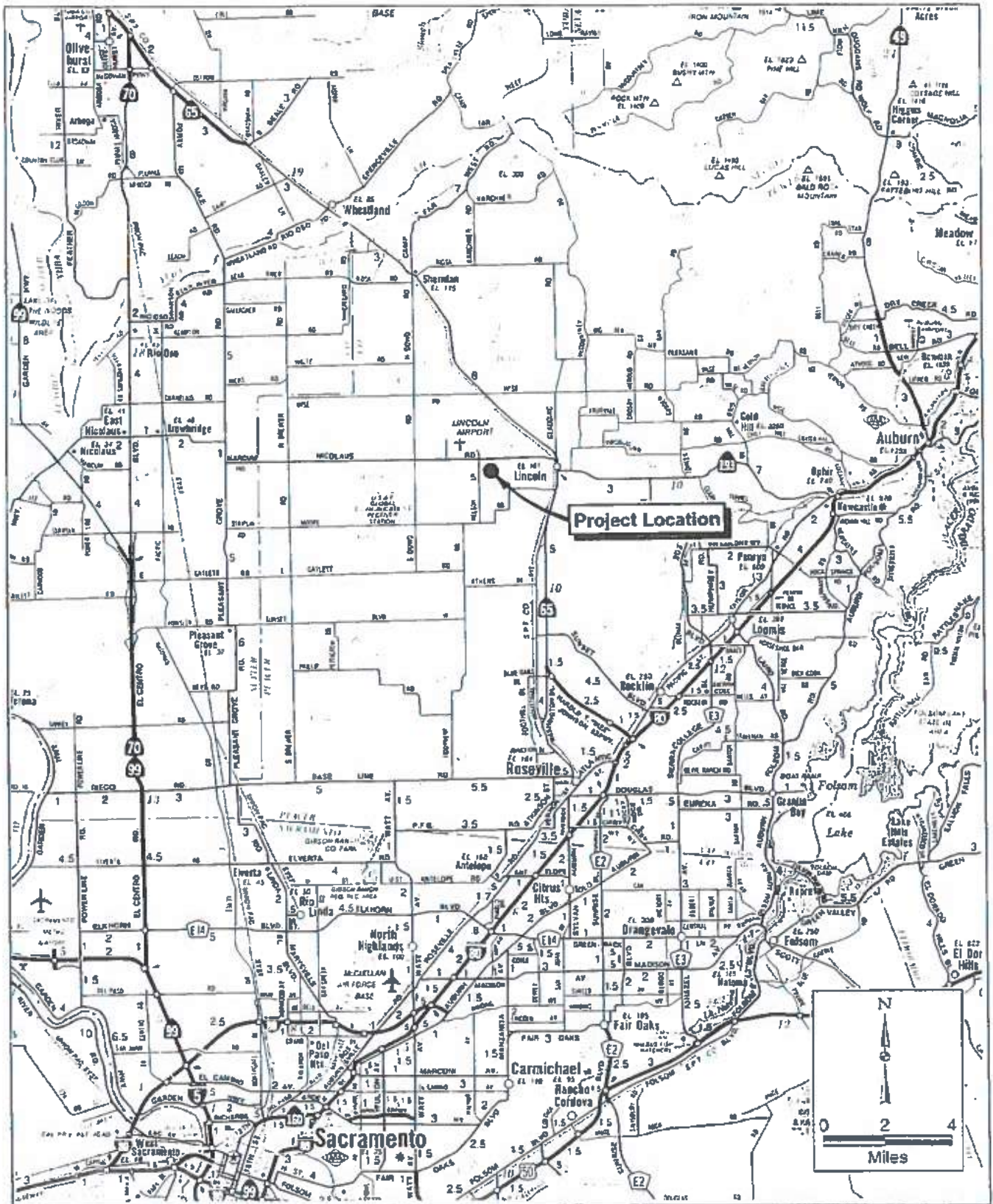
PROJECT DESCRIPTION

This cultural resources study was conducted for the proposed staged expansion of the City of Lincoln's (City's) wastewater treatment plant (WWTP) from a capacity of 1.4 million gallons per day (MGD) to a capacity of 2.4 MGD. The WWTP is 2 miles west of State Route 65, south of Nicolaus Road (Figures 1 and 2). The project includes upgrades to or expansion of the existing WWTP; additional storage, if needed; improvements to the effluent disinfection facilities; addition of up to 300 acres of effluent disposal parcels; and intermittent, controlled discharge of treated effluent to Auburn Ravine when necessary and when Auburn Ravine has adequate dilution capacity according to California Department of Health Services guidelines. The cultural resources survey addressed (1) construction of improvements at the WWTP, (2) new pipeline routes from the WWTP to Auburn Ravine, (3) new pipeline routes from the WWTP to proposed irrigation fields, and (4) the proposed new irrigation fields.

REGULATORY SETTING

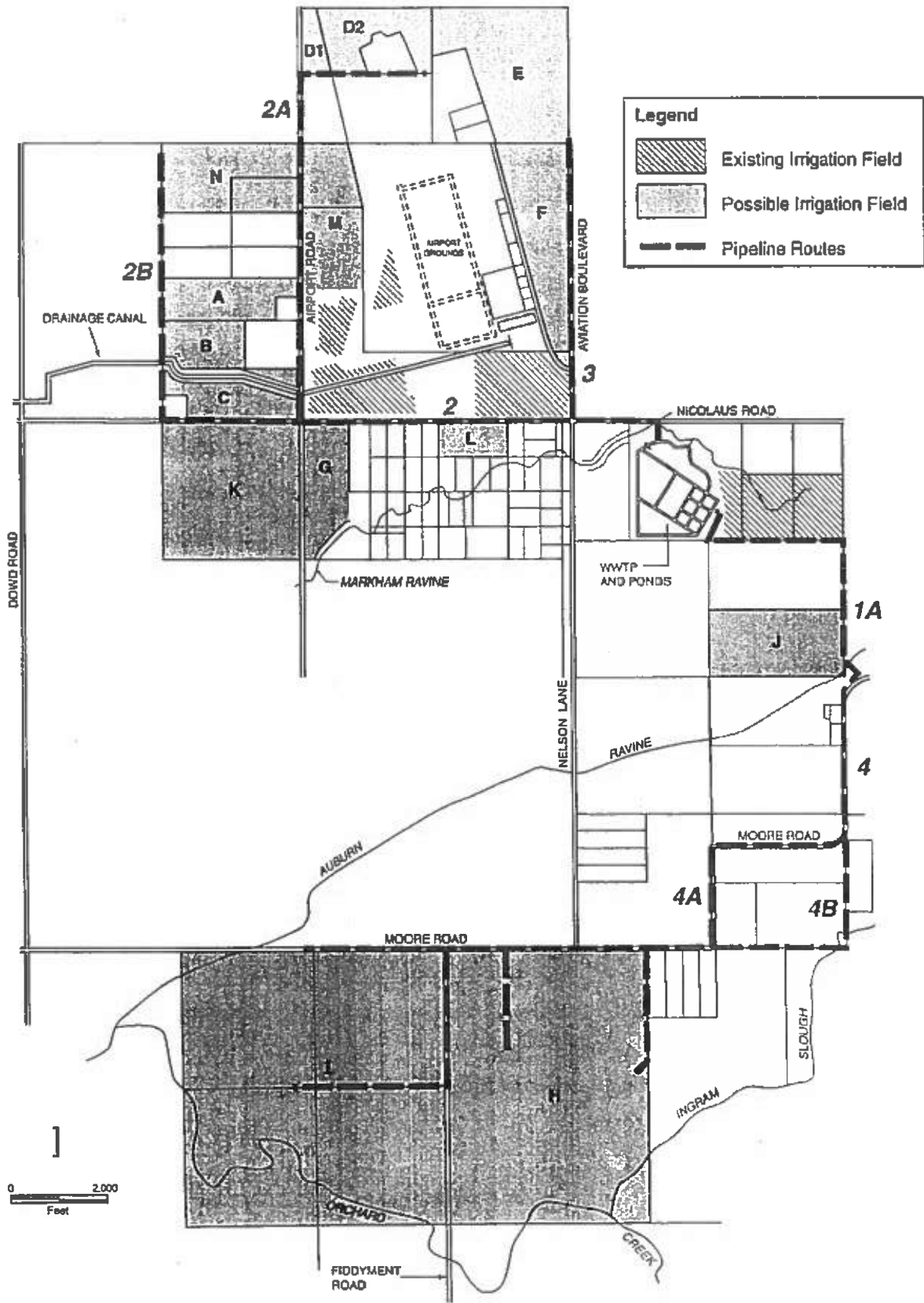
This report was prepared in compliance with the requirements of the California Environmental Quality Act (CEQA). For public or private projects financed or approved by public agencies, CEQA requires an assessment of the effects of the project on cultural resources. Cultural resources are defined as buildings, sites, structures, or objects, each of which may have historical, architectural, archaeological, cultural, or scientific importance. Under the State CEQA Guidelines, an impact on a cultural resource is considered significant if a project would result in an effect that may change the significance of the resource (Pub. Res. Code Section 21084.1). Demolition, replacement, substantial alteration, and relocation of historic properties are actions that would change the significance of a historic resource. Before the level of significance of impacts can be determined and appropriate mitigation measures developed, the significance of cultural resources must be determined. The following steps normally are taken in a cultural resources investigation to comply with CEQA:

1. Identify cultural resources.
2. Evaluate the significance of the cultural resources.
3. Evaluate the effects of a project on all cultural resources.



Jones & Stokes Associates, Inc.

Figure 1
Regional Location



4. Develop and implement measures to mitigate the effects of the project on significant cultural resources.

CULTURAL SETTING

Prehistory

Sites excavated in the lower elevations of the Sierra Nevada reflect the archaeology of the Central Valley with some influence from the High Sierra. The taxonomic framework of the Sacramento Valley, in particular, has been described in terms of archaeological patterns. A pattern is a general mode of life that is characterized archaeologically by technology, particular artifacts, economic systems, trade, burial practices, and other aspects of culture.

The paucity of archaeological evidence of human use of the area during the late Pleistocene and early Holocene (12,000 to 6000 B.C.) is most likely a reflection of the incompleteness of the archaeological record itself rather than an indication of lack of use of this area. Most Pleistocene and Holocene era sites are deeply buried in accumulated gravels and silts or have eroded away.

The earliest archaeological evidence of human use of the Central Valley region dates from approximately 3000 B.C. The period from 6000 to 2000 B.C. is referred to as the Early Horizon. During this period, a generalized subsistence strategy is thought to have been replaced by a more specialized strategy. This shift can be seen in what Fredrickson (1973) has identified as the Windmiller Pattern. Artifact assemblages and faunal remains at Windmiller sites indicate exploitation of a diverse range of resources, including seeds, a variety of small game, and fish.

The Middle Horizon dates from approximately 2000 B.C. to A.D. 500. Sites from this period also have been found in the Central Valley. The adaptive pattern from this period that is found most frequently is called the Berkeley Pattern (Fredrickson 1973), although sites displaying the Windmiller Pattern assemblages also have been dated to the Middle Horizon. The Berkeley Pattern differs from the Windmiller Pattern primarily in the increased emphasis on the exploitation of the acorn as a staple. This is reflected in the mortars and pestles being more numerous and varied. This pattern also is noted for its especially well-developed bone industry and such technological innovations as ribbon flaking of chipped stone artifacts. During this period, flexed burials replaced extended burials and the use of grave goods generally declined (Moratto 1984).

The period between A.D. 500 and the arrival of the Spanish in central California has been named the Late Horizon. The predominant pattern during this period is called the Augustine Pattern (Fredrickson 1973). This period is characterized by large village sites, increasing evidence of acorn and nut processing, the introduction and use of the bow and arrow, and the use of clam shell disc beads as the primary medium of exchange. During the last part of the period, cremation became a common mortuary practice.

METHODS AND RESULTS

The effort to identify cultural resources in the project area included a records search, historical research, contacts with Native American representatives, and a pedestrian survey.

Records Search

A records search was conducted at the North Central Information Center of the California Historical Resources Information System, located at California State University, Sacramento. Records of previous cultural resource studies and previously recorded cultural resource sites were consulted. Also consulted were historical maps and the following inventories: the National Register of Historic Places (listed properties 1996, determinations of eligibility 1997); the California Inventory of Historic Resources (1976); California Historical Landmarks (1996 and updates); California Points of Historical Interest (1992 and updates); Gold Districts of California (1979); California Gold Camps (1975); California Place Names (1969); Survey of Surveys (1989); Directory of Properties in the Historical Resources Inventory; California Department of Transportation State and Local Bridges Survey (1987, 1989); and Historical, Architectural, and Archaeological Resources of Placer County, California: the Report of the Placer County Cultural Resources Inventory (Ogden Environmental and Energy Services Co. et al. 1992). Previous studies, previously recorded cultural resource sites, and sites and features noted in the historical resource inventories and literature were noted on a map of the project area.

The records search indicated that portions of the project area have been included in three previous surveys (Berg and McGuire 1990, Dougherty 1981, Offermann 1990). These previous surveys covered parcels C, J, and K and portions of parcels A, B, F, G, H, and J. Several cultural resources, including a historic ranching complex, a well, a rusty wagon, and two bridges, are located within a 1/4-mile radius of the project area. However, no previously recorded cultural resources are located within the project area.

A review of the historical resource inventories indicates that no properties eligible for listing on these inventories are present in the project area. A review of historical General Land Office plats indicated the presence of one historic resource in the project area: the Sacramento-Virginia Road passed through the northern portion of Parcel I (General Land Office 1855).

Contacts with Native American Representatives

Jones & Stokes Associates contacted the Native American Heritage Commission (NAHC) and requested a list of Native American representatives associated with the Lincoln area and a search of the NAHC sacred lands database. The NAHC supplied a list of six Native American representatives. Letters of contact, briefly describing the project area, noting the project area on a

map, and requesting comments and concerns, were sent to these representatives on August 21, 1998. To date, no responses have been received. The search of the sacred lands database did not indicate the presence of any sacred lands or sites in the project area.

Pedestrian Survey

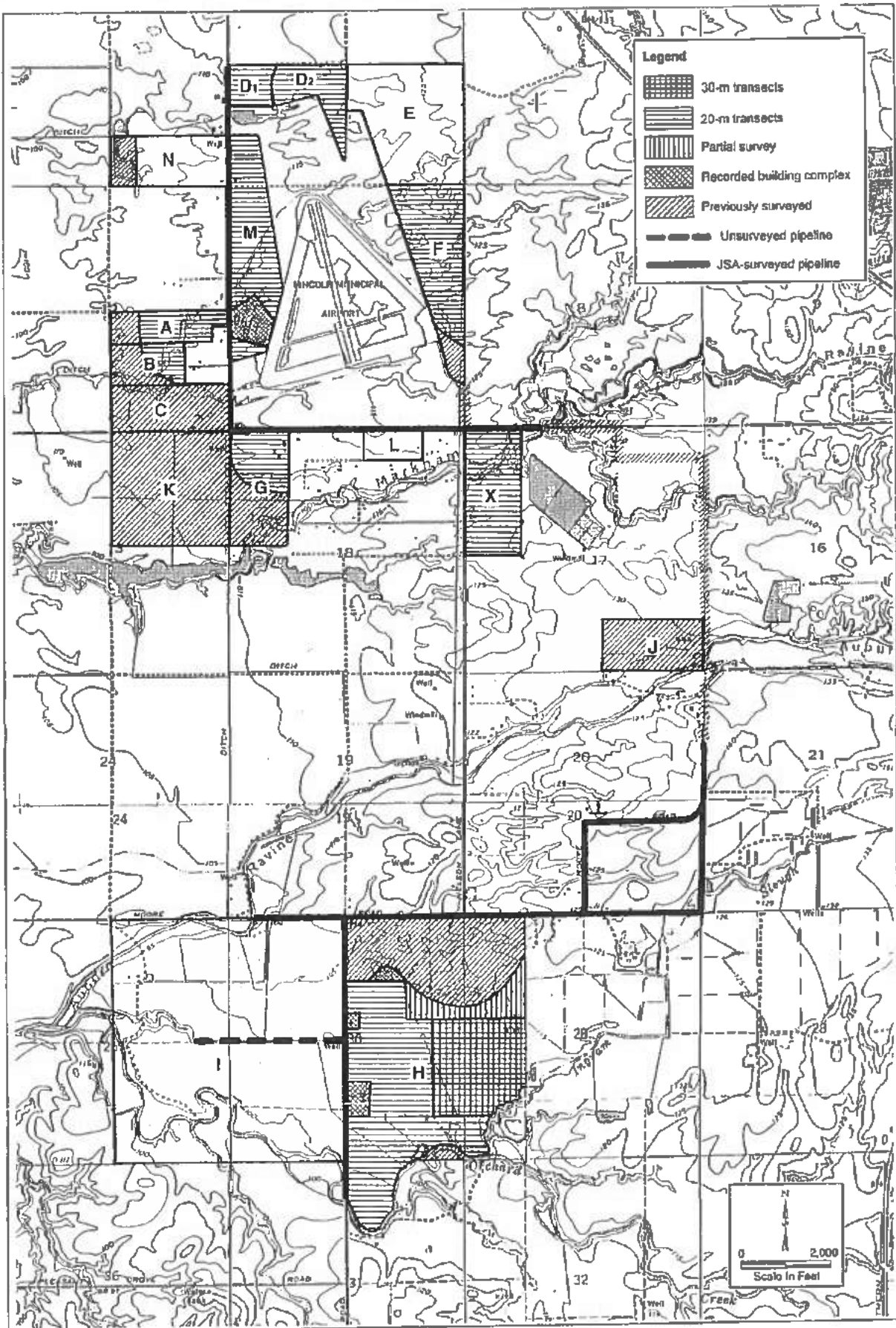
Jones & Stokes Associates archaeologists conducted a pedestrian survey of parcels for which rights of access were available and areas that had not been previously surveyed. Rights of access were not available at the time of the survey for Parcels E, I, J, K, L, and N. The survey therefore covered all or portions of parcels A, B, D1, D2, F, G, H, and M (Figure 3).

A pedestrian survey of five parcels (A, B, D1, F, and G) and three pipeline alignments near the Lincoln Airport was conducted by two Jones & Stokes Associates archaeologists on August 24 and 25, and September 1, 1998. Another parcel, referred to here as Parcel X, was surveyed but was later dropped from the project area. All areas that had not been surveyed in the past decade were examined. Parcels were surveyed using varying techniques; the techniques used depended on the sensitivity of the area and the ground visibility on the parcel. Parcels that appeared to be sensitive for cultural resources, as determined by indicators such as landform and the proximity of a water source, and parcels with high ground visibility were surveyed using 20- to 25-meter-wide transects. Parcels where visibility was low, primarily because of high grasses, were surveyed using 50-meter-wide transects. For proposed pipeline alignments, corridors of 40 meters were examined where the proposed alignments cross fields. Where proposed alignments follow roads, a corridor of approximately 5-10 meters on each side of the road was examined.

Visibility was low because of the presence of high grasses in Parcels A, B, and F but was good in Parcels D1 and G because discing or animal grazing had removed much of the grass. Visibility was generally low along the roadways. Disturbance in all parcels was primarily a result of animal grazing and agriculture.

Parcels D2 and M were surveyed on November 20 and 23, 1998, by three Jones & Stokes Associates archaeologists walking over the area in systematic 20- to 25-meter transects. Visibility was fair to poor, depending on the density of vegetation. The archaeologists closely examined areas where visibility was good as a result of disturbance.

Parcel H was surveyed in two phases. The approximately 250-acre area that was to be affected by specific project activities was surveyed on May 6 and 7, 1998. Three Jones & Stokes Associates archaeologists walked over the area in systematic transects that varied between 20 and 30 meters in width, as the specific landscape of the project area dictated. Although the entire area was covered in grass, areas with more visibility were surveyed in 20-meter transects. Areas with grass to a height of 3 feet were surveyed in 30-meter transects. A large area was inundated with approximately 2 inches of water at the time of the survey and therefore was not accessible for pedestrian survey.



Base map: USGS Lincoln and Roseville, California 7.5-minute quadrangles 1981.

Figure 3
Survey Coverage

The remaining 224.56 acres, which would not be directly affected by project activities, and the inundated area that was not accessible in May were surveyed on December 30 and 31, 1998. Two Jones & Stokes Associates archaeologists surveyed the area using techniques that varied depending on the characteristics of the particular area. The southern portion was completely surveyed in transects no wider than 25 meters. The area that was previously inundated was given cursory survey coverage because of the thickness of ground cover and because visibility was extremely low. The northern area was partially surveyed in 25-meter-wide transects. The presence of livestock in this area made complete surveying impossible. Areas that could be accessed were surveyed. Visibility was low in all areas because of the presence of grasses and other vegetation. Cattle grazing has disturbed the area, and there is evidence of prior use for agriculture.

A survey of the pipeline alignment between the existing WWTP site and Parcel H was conducted by a Jones & Stokes Associates archaeologist on November 4, 1998. Visibility along the alignment was generally poor because of dense vegetation. Scattered areas with good visibility included areas of rodent disturbance and areas that had recently been burned. These areas were given particular attention.

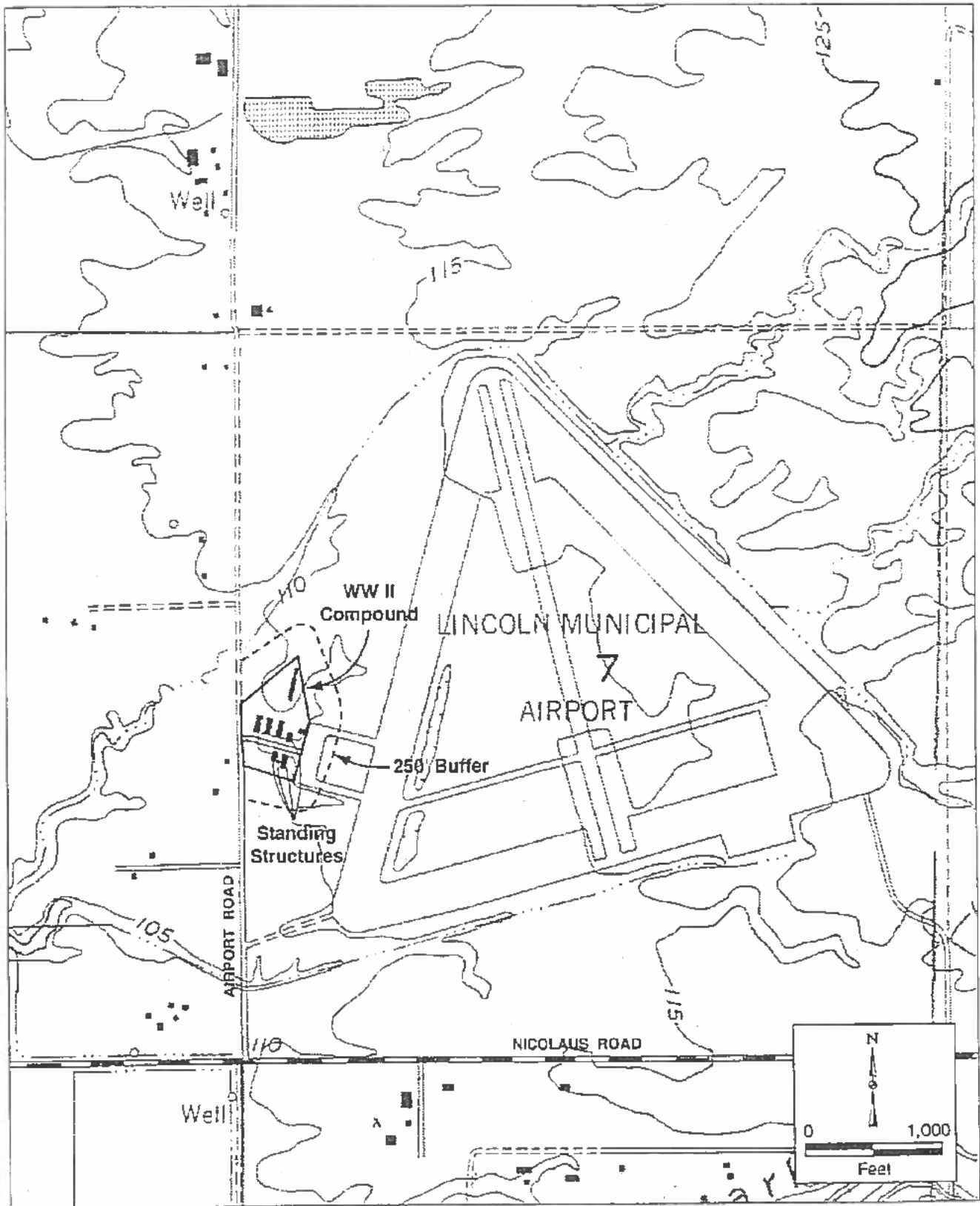
Cultural Resources

The surveys resulted in the recording of three building complexes and three isolated historic artifacts (Appendix A). The isolated historic artifacts were two square nails measuring approximately 3 inches in length, which were found along a pipeline alignment some 300 meters from one another, and a fragment of green glazed pottery located in Parcel G. Two of the building complexes, a ranch complex and a community hall, are located in Parcel H. The other is the remains of a World War II complex located adjacent to the airport in Parcel M.

A cluster of four buildings constructed during World War II is located in the southern area of Parcel M (Figure 4). These buildings are all that remain of a compound of buildings used as a debarkation center for Japanese-Americans on the way to internment camps, and used later as airport administration facilities. The wood-frame buildings have poured concrete slab foundations, gable roofs with asphalt shingles, and vertical wood and asbestos tile siding. They are in various states of disrepair and are currently not in use. These buildings were recorded and photographed.

The community hall complex consists of three buildings (the community hall and two outbuildings). This was originally the site of Central School, established in 1872. The original schoolhouse was replaced in 1920 and the school burned to the ground in 1931. The building was soon replaced with the building that stands now. The school closed in 1946 and was used as a community center thereafter. The buildings are in fair condition. They were photographed and recorded.

The ranch complex is currently owned by a land management company and leased. Research at the county recorder's office did not reveal when this complex was built. Architecturally, the home appears to date to the early 1950s. The outbuildings probably date to the same period. The property



Jones & Stokes Associates, Inc.

Figure 4
Location of World War II
Structures on the Airport Property

was owned by Louis Franceshi and has been transferred between owners several times. The ranch complex is in good condition and is still in use. It was photographed and recorded.

Criteria for Determining Significance

According to CEQA, an impact is considered significant if it would disrupt or adversely affect a prehistoric or historic archaeological site or a property of historic or cultural significance to a community or ethnic or social group. The State CEQA Guidelines define a significant historical resource as a resource listed in or eligible for listing in the California Register of Historical Resources (CRHR) (Pub. Res. Code Section 5024.1). A historical resource may be eligible for inclusion in the CRHR if it:

- is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
- is associated with the lives of persons important in our past;
- embodies the distinctive characteristics of a type, period, region, or method of construction, represents the work of an important creative individual, or possesses high artistic values; or
- has yielded, or may be likely to yield, information important in prehistory or history.

Evaluation

Isolated cultural resources generally are not considered for listing in any register because, by definition, they lack context. Potentially eligible cultural resource sites in the area might be associated with Lincoln's early agricultural history, gold mining, the railroad, or the clay or coal industries. Potentially significant properties associated with the early agricultural history of Lincoln might include early farmsteads or irrigation canals. Mining sites might include tailings or old mining equipment. The railroad and associated early buildings and facilities might be significant, as might buildings and facilities associated with the clay and coal industries.

The community hall complex is in good condition and served as a school and a center for community gatherings in this rural area. The complex is similar to rural community halls in other areas of the Central Valley. Although the building complex is more than 50 years old, it is not particularly representative of important themes in history. The building complex is not architecturally significant. It is not associated with important historic figures or events and does not have the potential to yield further information. Therefore, the community hall complex does not appear to be eligible for listing in the CRHR. This complex may be of local interest. The proposed project would not affect this building complex.

The ranch complex is probably less than 50 years old and is like many other farming/ranching complexes in the Central Valley. It does not appear to be associated with any historically significant people or events. The complex is not architecturally significant and does not have the potential to yield further information. Therefore, it is not eligible for listing in the CRHR.

The World War II complex was constructed specifically for World War II and was used in the process of internment of Japanese-Americans. The facility was later used for airport administration. It is in poor condition but has the potential to yield subsurface deposits of historic debris. Because of the association of these buildings with an important historic event—the internment of Japanese-Americans during World War II—they are likely to be eligible for listing in the CRHR. Therefore, this compound was treated as a significant resource for the purposes of impact analysis. The compound and a buffer of 250 feet will be avoided during implementation of the project.

RECOMMENDATIONS

Implementation of the project would not affect any significant cultural resources. No further cultural resources investigation is warranted unless buried archaeological remains are found during construction or other activities, or unless the project design is altered.

Subsurface cultural resources may be present on all parcels. Should any artifacts or an unusual amount of bone, shell, or non-native stone (obsidian, for instance) be uncovered during construction or other ground-disturbing activities, a professionally qualified archaeologist should be consulted immediately for an evaluation. If the bone appears to be human, the Placer County Coroner and the NAHC should be contacted immediately.

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#4060

A CULTURAL RESOURCE EVALUATION OF THE
SPHERE OF THE CITY OF LINCOLN
PLACER COUNTY

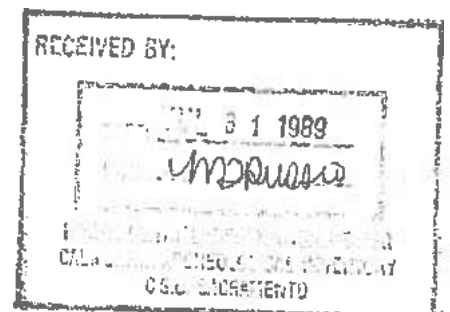
TO INCLUDE
THE FERRARI RANCH/SOUTHEAST LINCOLN PROJECT
AND
THE LINCOLN CROSSING PROJECT

BY
SUSAN LINDSTROM
ARCHAEOLOGICAL CONSULTANT

WITH CONTRIBUTIONS BY
JOHN WELLS
CONSULTING MINING ENGINEER

PREPARED FOR
EIP ASSOCIATES
SACRAMENTO, CALIFORNIA

APRIL 14, 1989



ABSTRACT

The project area is located 27 miles northeast of Sacramento and includes roughly 12,000 acres within the southern one-half of the sphere of influence of the City of Lincoln. Within this sphere are included two specific projects areas, Lincoln Crossing and Ferrari Ranch/Southeast Lincoln.

A preliminary archaeological field reconnaissance was conducted between January 31 and February 8, 1989 by Susan Lindstrom and Mary Panelli, archaeological consultants to EIP Associates. The pedestrian surface survey was structured by a mixed archaeological reconnaissance strategy of complete, general and intuitive controlled coverage. Over half of the area contained within the Lincoln Sphere has been subject to previous archaeological investigations, so these lands were only cursorily treated here. These areas include the proposed 5,000-acre Placer Ranch development and the proposed 1,000-acre Orchard Creek Project.

Objectives of this study were to review prior archaeological research within the sphere, conduct a sample archaeological reconnaissance of areas where project impacts are pending, and develop a cultural resources sensitivity map to serve as a rough planning document of where cultural resources are likely to occur and where more work needs to be done.

Combined cultural resource surveys of the entire Lincoln Sphere over the past decade have disclosed a total of 149 cultural sites and isolated features/artifacts. Out of this total, 51 prehistoric sites have been inventoried, including six habitation sites, 40 food processing sites, two petroglyphs, one quarry, and two rock alignments. Historic sites total 98 and include 11 structural foundations, five refuse dumps, seven features related to irrigation systems, 23 ranching related features, three roads/bridges, 23 rock cairns or monuments, 13 rock wall segments, 9 mining related sites, and one granite quarry.

Archaeological research indicates that the overall archaeological sensitivity of the general region ranges from low to high, depending upon the particular microenvironment. In general, areas highly sensitive to contain potentially significant cultural resources are along drainages and in those areas within the eastern portion of the Lincoln Sphere which contain oak groves and exposed bedrock. The archaeological sensitivity appears to decrease progressively towards the west, where the terrain is flatter and characterized by drier prairie grassland.

A determination of significance of cultural properties inventoried was based upon the four criteria of eligibility for inclusion in the National Register of Historic Places and CEQA guidelines. In this report, significance evaluations were

addressed only for sites and features recorded during this study (Sites 1 through 20 and Isolates 1 through 14). The numerous other historic and prehistoric sites recorded during earlier surveys will have to be assessed on a project-specific basis at a later time.

At this phase of analysis there is insufficient information to assess the potential significance of the Baccarat Gravel and Drift Mine (Site 12) and Sites 15, 16, 19 and 20, which are associated with early settlement and ranching activities. They must be more thoroughly researched and they must be comparatively evaluated within a regional context in order to determine their potential eligibility to the National Register. In the meantime, a protective buffer should be placed around their maximum exterior site boundaries and they should be protected from project impacts until their significance has been determined and their potentially significant information has been recovered.

Native American Site 17, the Lincoln Salt Marsh, is of ethnic and social significance to local Native Americans, of historical interest to local historical societies, and of scientific importance to regional archaeological interests. The project sponsor is advised to consult representatives of the local Native American community and the local historical societies and to incorporate their opinions, knowledge and sentiments at the earliest stages of project planning. The Lincoln Salt Marsh is a scenic corridor which has great potential for interpretive development. This unique botanical resource already comprises a rich wildlife habitat and with the thoughtful placement of self-guided exhibits and educational panels, the salt marsh zone could be designated as an open space area which would satisfy dual interests as both a natural and cultural preserve. In the meantime, a protective buffer should be placed around the maximum exterior site boundaries and it should be protected from project impacts.

Sites 1, 2P, 3, 5, 6P, 7, 8, 9, 11, 13, and 14 are prehistoric bedrock mortar features which, while seemingly typical of the numerous milling features previously inventoried in the region, may contain subsurface deposits and may be likely to yield information important in prehistory and to the further development of archaeological theory and method. Additional study of a selected sample of these sites is necessary in order to make a determination of their potential significance. Until an evaluation of significance has been made, the site areas should be removed from potential project development and a protective buffer should be placed around their maximum exterior boundary.

Water conveyance features at Site 6H may be associated with early mining activities and/or it may be a part of the irrigation system of the historic Spring Valley Ranch and/or it may have served more contemporary grazing interests. Further research is necessary to determine its historical associations. The site does not appear to involve important research questions that

historical research has shown can be answered only with archaeological methods, hence warranting its physical preservation. Yet, the site still contains potentially significant information.

Mining sites 4 and 10, the Ferrari Ranch Site 18, and Isolate Features/Artifacts 1 through 14 do not appear to be eligible for nomination to the National Register. All of their potentially significant information has been recovered with the preparation of this report and no further constraints need be imposed upon any future project development within their site areas.

Selected prehistoric and historic features may have great potential for interesting interpretive development. Planned residential and/or commercial developments within the Lincoln Sphere may be enhanced economically, while the public interest is being served, through an interpretation of the cultural history of the area.

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Correspondence, North Central Information Center,
California State University, Sacramento

SUMMARY

Project Description

The project area is located 27 miles northeast of Sacramento and includes roughly 12,000 acres within the southern one-half of the sphere of influence of the City of Lincoln. Within this sphere are included two specific projects areas, Lincoln Crossing and Ferrari Ranch/Southeast Lincoln (Figures 1, 2a, 2b, 2c, 3, 4, and 5).

Current environmental review policies for Placer County, in compliance with CEQA antiquities mandates, require that a cultural resource evaluation be performed to assess potential impacts of project developments upon extant cultural resources. As such, the objectives of this study were to conduct a literature search and oral history interviews pertaining to historical and prehistorical themes within the Lincoln Sphere, to review prior regional archaeological investigations, and to perform an on-the-ground field survey which examined a sample of the project area by incorporating a mixed field reconnaissance strategy. Results from this sample survey are to be used to determine the potential cultural resources constraints within the Lincoln Sphere and to identify where additional archaeological work needs to be done. From this, a sensitivity map of the Lincoln Sphere was developed, generally locating those areas of high, moderate and low potential to contain cultural resources (Figure 27).

Methods

A preliminary archaeological field reconnaissance was conducted between January 31 and February 8, 1989 by Susan Lindstrom and Mary Panelli, archaeological consultants to EIP Associates. The pedestrian surface survey was structured by a mixed archaeological reconnaissance strategy of complete, general and intuitive controlled coverage (Figure 18a, 18b, 18c, 18d, and 18e).

As the ultimate purpose was to provide the basis for the determination of where more work needs to be done, complete coverage was not the objective. Rather, survey focused upon a mixed archaeological reconnaissance strategy of general coverage with wide transect intervals, aimed at maximum coverage allowable within the project's scope, and intuitive controlled coverage, directed towards areas most likely to contain cultural resources. Areas where project impacts were pending, such as the Ferrari Ranch/Southeast Lincoln and Lincoln Crossing Projects, were given coverage priority.

Over half of the area contained within the Lincoln Sphere has been subject to prior archaeological investigation, so these lands were only cursorily treated here. These areas include the proposed 5,000-acre Placer Ranch Development and the proposed

1,000-acre Orchard Creek Project (Figures 18b and 18c).

Results

Combined cultural resource surveys of the entire Lincoln Sphere have disclosed a total of 149 cultural sites and isolated features/artifacts (Figure 19a). Out of this total, 51 prehistoric sites were inventoried, including six habitation sites, 40 food processing sites, two petroglyphs, one quarry, and two rock alignments. Historic sites total 98 and include 11 structural foundations, five refuse dumps, seven features related to irrigation systems (ponds and ditches), 23 ranching related features, three roads/bridges, 23 rock cairns or monuments, 13 rock wall segments, 9 mining related sites, and one granite quarry.

These survey results are further broken down by specific project or general area.

Within the Ferrari Ranch/Southeast Lincoln project, surveyed by Lindstrom (1989), five sites were inventoried (Figure 19b). One is an ethnographic salt marsh, one is related to placer mining, and three are historic structures. Isolate features/artifacts total eight, of which six are ranching related, one is a rock wall segment and one is associated with placer mining.

On the Lincoln Crossing Project, surveyed by Lindstrom (1989), one historic homesite was recorded and one isolated feature/artifact related to ranching was recorded (Figure 19c).

Within the general eastern portion of the Lincoln Sphere, partially surveyed by Lindstrom (1989), a total of 16 sites were recorded (Figure 19a). Eleven are prehistoric food processing locales, three are related to placer mining and one to granite quarrying.

On lands within the southwestern quarter of the Lincoln Sphere, surveyed by Lindstrom (1989), one historic homesite and five isolated features/artifacts were recorded (Figure 19a). Three are related to ranching, one is tentatively associated with prehistoric food processing and one is of unknown origin. Part of this area was previously surveyed by Roop (1978), when 17 cultural sites were inventoried. Out of these 17 cultural sites, only eight were considered here, as the remainder have only tentatively been inventoried and have not been assigned trinomial numbers with the North Central Information Center at California State University, Sacramento. Out of these eight sites and features, two represent historic rock wall segments, three are historic structural foundations, two are prehistoric

food processing locales with possible habitation, one is an historic artifact, and one is a series of dams.

The Foster et al (1986) survey of Placer Ranch recorded 35 prehistoric sites, six of which were habitation sites, 24 food processing sites, two petroglyphs, one quarry, and two rock alignments. Sixty-five historic sites/features/artifacts were inventoried to include, three structural foundations, five refuse dumps, 6 features related to irrigation systems (ponds and ditches), 11 ranching related, three associated with roads/bridges, 23 rock cairns or monuments, 10 rock walls, and 4 features associated with placer mining (Figure 19a).

From these prior archaeological investigations it is evident that the overall archaeological sensitivity of the general region ranges from low to high, depending upon the particular microenvironment. In general, areas highly sensitive to contain potentially significant cultural resources are along drainages and in those areas within the eastern portion of the Lincoln Sphere which contain oak groves and exposed bedrock. The archaeological sensitivity appears to decrease towards the west where the terrain is flatter and characterized by drier prairie grassland (Figure 27).

Significance

A determination of significance for sites inventoried during this study was based upon the four criteria of eligibility for inclusion in the National Register of Historic Places and CEQA guidelines. Significance evaluations are addressed only to those sites and features/artifacts recorded during this study (Sites 1 through 20 and Isolated Features/Artifacts 1 through 14). The numerous other historic and prehistoric sites recorded during earlier surveys, will have to be assessed on a project-specific basis at a later time.

Site 12 Baccarat Gravel and Drift Mine:

At this phase of analysis there is insufficient information to assess the potential significance of the Baccarat Gravel and Drift Mine. The site must be more thoroughly researched and it must be comparatively evaluated within its regional context. However, the site does appear to meet some of the National Register criteria. The diggings are associated with events that have made a significant contribution to the broad patterns of our history. While the diggings appear to embody the distinctive characteristic of a type, period and method of placer mining, their character has yet to be adequately assessed. At this time it is not possible to evaluate the research potential of the site or its uniqueness and integrity as regards its special or

particular quality such as best surviving example of its kind.

Mining Sites 4 and 10 and Isolate Features/Artifacts 1 through 14:

Sites 4 and 10 represent typical rudimentary ground sluice workings which occur in abundance in the lower Sierran foothill region. All of the potentially significant locational and descriptive information contained within Sites 4 and 10 and Isolates 1 through 14 has been recovered with the preparation of this report.

Site 6H Water Conveyence Features:

Water conveyence features at Site 6H may be associated with early mining activities and/or it may be a part of the irrigation system of the historic Spring Valley Ranch and/or it may have served more contemporary grazing interests. Further research is necessary to determine its historical associations. The site does not appear to involve important research questions that historical research has shown can be answered only with archaeological methods, hence warranting its physical preservation. Yet, the site still contains potentially significant information.

Early Settlement and Ranching Sites 15, 16, 19, and 20:

At this phase of analysis there is insufficient information to assess the potential significance of Sites 15, 16, 19, and 20. While none of the structures or features on Sites 15, 16, 19, or 20 appear to meet eligibility criteria for listing in the National Register of Historic Places, they yet may still contain potentially significant information.

Site 18 Ferrari Ranch:

The site does not appear to meet the criteria of significance for inclusion in the National Register of Historic Places, even on a local level. Yet, the site may contain significant information. The site appears to be associated with contemporary ranching and, as such, is not associated with significant historic events. The contemporary structures on the Ferrari Ranch are reflective of a more recent era and the buildings are not an unusual or outstanding example of its style and type.

Native American Site 17 Lincoln Salt Marsh:

The Lincoln Salt Marsh is documented in the ethnographic literature as a salt source of considerable importance to Native

Americans within the region. During the field phase of this study, the marsh was visited in the company of individuals representing local Native American concerns, the Lincoln Historical Society, and regional archaeological interests. It can be concluded that the Lincoln Salt Marsh is of importance to each of these special concerns. As such, this site may have a potential to yield significant information in the prehistory of the region.

Site 8 Bedrock Mortar Complex with Possible Habitation:

Site 8 is a prehistoric bedrock mortar feature, which, appears to contain a subsurface component whose nature, age and extent is unknown at this time. A midden-like soil is present, which may be associated with workshop and/or habitation activities. This site may be likely to yield information important in prehistory. Further study of the subsurface remains is necessary in order to make a determination of its potential significance.

Bedrock Mortar Sites 1, 2P, 3, 5, 6P, 7, 9, 11, 13, and 14:

Sites 1, 2P, 3, 5, 6P, 7, 9, 11, 13, and 14 are prehistoric bedrock mortar features which are very typical of the numerous milling features which have been previously inventoried in the region. These features may represent task-specific locales which are associated with habitation sites located nearby. These bedrock mortar features appear to contain no associated buried archaeological remains. However, recent research has found these seemingly surface features to contain subsurface deposits. Therefore, these sites may be likely to yield information important in prehistory and to the further development of archaeological theory and method. Additional study of these sites is necessary in order to make a determination of their potential significance.

Recommendations:

Site 12 Baccarat Gravel and Drift Mine:

The Baccarat Gravel and Drift Mine is contained within about 15 acres in the extreme southeast corner of the Ferrari Ranch Property and it extends eastward, for another 15 acres, onto adjacent lands. Further archival research is required in order to better understand the nature of this site and its time period(s) of operation. Until an evaluation of significance has been made, the site area should be removed from potential project development and a protective buffer should be placed around its maximum exterior boundary.

Mining Sites 4 and 10:

These sites are located within the eastern Lincoln Sphere and consist of early ground sluice workings and associated water conveyance and impounding features. Collectively, they comprise a few acres. All of their potentially significant information has been recovered with the preparation of this report and no further constraints need be imposed upon any future project development within their site areas.

Site 6H Water Conveyance Features:

This site consists of water impounding and conveyance features. It may be associated with early mining activities and/or the irrigation system of the historic Spring Valley Ranch and/or more contemporary grazing activities. Until its nature and potential significance has been evaluated, the site area should be removed from potential project development and a protective buffer should be placed around its maximum exterior boundary.

Early Settlement and Ranching Sites 15, 16, 18, 19, and 20:

Sites 15, 16 and 18 are located within the Ferrari Ranch/Southeast Lincoln Project area. Each cover an area of about four or five acres. Structures within these ranch complexes are either deteriorated or do not possess significant architectural features to warrant their physical preservation. However, further archival research, along with the collection of oral history interviews, and field recordation and photo documentation of standing buildings and archaeological features is recommended prior to the initiation of project activities.

Site 17 Lincoln Salt Marsh:

The Lincoln Salt Marsh covers 30 acres, more or less, half of which is located within the Ferrari Ranch Project and the remainder within the proposed Placer Ranch development. The salt marsh is of documented significance in the ethnographic literature and is of ethnic, social, historical, and scientific importance.

The project sponser is advised to consult representatives of the local Native American community and the Lincoln Historical Society and to incorporate their opinions, knowledge and sentiments at the earliest stages of project planning. Lincoln Salt Marsh is a scenic corridor which has great potential for interpretive development. This unique botanical resource already comprises a rich wildlife habitat and with the thoughtful placement of self-guided exhibits and educational panels, the

salt marsh zone could be designated as an open space area which would satisfy dual interests as both a natural and cultural preserve. In the meantime, a protective buffer should be placed around the maximum exterior site boundaries and it should be protected from project impacts.

Site 8 Bedrock Mortar Complex with Possible Habitation:

Site 8 is a prehistoric bedrock mortar feature, which appears to contain a subsurface component whose nature, age and extent is unknown at this time. Due to time constraints, the site was not formally recorded during this study and further research is recommended to evaluate its horizontal and vertical extent, nature, age, integrity, and potential significance. Additional studies may involve a program of soil augering and test excavation.

Sites 1, 2P, 3, 5, 6P, 7, 9, 11, 13, and 14 Bedrock Mortar Features:

Sites 1, 2P, 3, 5, 6P, 7, 9, 11, 13, and 14 are prehistoric bedrock mortar features which appear to contain no associated buried archaeological remains. However, in light of recent research, where seemingly surface features are found to contain subsurface deposits, it would be prudent to test at least a small sample of these features to insure that initial judgments of the sites' potential significance, which are based upon surface attributes are, indeed, accurate. This may be accomplished through a limited program of soil augering and ph soil tests.

Public Interpretation:

A final recommendation challenges the project sponsor to consider an innovative approach to contemporary development. Planned developments within the Lincoln Sphere can not only set themselves apart as thoroughly modern and carefully planned residential/commercial/industrial complexes, but ones which integrate into their development the unique presence of the past.

Much of the Lincoln Sphere was historically contained within Whitney's Spring Valley Ranch and the project site was the scene of a variety of other early settlement, mining, ranching and agricultural activities. Furthermore, the sphere witnessed prehistoric events and archaeological remains serve to document the activities of generations of Indian women grinding acorns at their communal bedrock grist mills. Finally, the presence of the Lincoln salt marsh is a valuable natural and cultural resource, whose partial preservation can result in the further public appreciation of their natural surroundings and cultural heritage.

A contemporary development which reflects these rich and varied cultural resources will not only stand as a tribute to local and regional historical events but may also greatly enhance its own economic base and marketing appeal.

PROJECT LOCATION AND SCOPE

LOCATION

The project area is located 27 miles northeast of Sacramento and includes roughly 12,000 acres within the southern one-half of the sphere of influence of the City of Lincoln (Figures 1 and 3). Within this sphere are included two specific projects areas, Lincoln Crossing and Ferrari Ranch/Southeast Lincoln (Figures 2b and 2c).

The Lincoln Sphere is in Township 12 North, Range 6 East, Sections 13-16, 20-36 and Township 12 North, Range 7 East, Sections 18, 19, 29, and 30-32 (Figure 2a). It is bounded on the northwest by Auburn Ravine and Moore Road, on the west by Fiddymont Road, on the southwest by Athens Road, on the northeast by Highway 193, and on the northeast by Sierra College Boulevard.

The Ferrari Ranch/Southeast Lincoln Project contains over 700 acres and is in Township 12 North, Range 6 East, Sections 14, 22 and 23 (Figure 2b). It is bounded on the north by Auburn Ravine and Highway 193, on the east by Oak Tree Lane, on the south by the proposed Placer Ranch development, and on the west by Highway 65.

The Lincoln Crossing Project covers over 1,200 acres and is in Township 12 North, Range 6 East, Sections 21, 22, 28, and 29 (Figure 2c). It is bounded on the north by Moore Road, on the east by Highway 65, on the south by the proposed Orchard Creek development, and roughly on the west by pastureland east of Moore Road. Much of this area is currently under cultivation, some of which has been planted in rice (Tucker p.c. 1989) (Figures 3 and 18b).

Over half of the area contained within the Lincoln Sphere has been subject to previous archaeological investigations (Figures 18b and 18e) and these lands were only cursorily treated here. These areas include the proposed Placer Ranch development (Figure 5), about 5,000 acres in Township 12 North, Range 6 East, Sections 29-31 and Township 12 North, Range 7 East, Sections 22-27 and 34-36 and the proposed Orchard Creek Project (Figure 5), about 1,000 acres in Township 12 North, Range 7 East, Sections 28 and 32-34.

SCOPE

Current environmental review policies for Placer County, in compliance with CEQA antiquities mandates, require that a cultural resource evaluation be performed to assess potential impacts of project developments upon extant cultural resources.

As such, the objectives of this study were to conduct a literature search and oral history interviews pertaining to historical and prehistorical themes within the Lincoln Sphere, to review prior regional archaeological investigations, and to perform an on-the-ground field survey which examined a sample of the project area by incorporating a mixed field reconnaissance strategy. Results from this sample survey are to be used to determine the potential constraints within the Lincoln Sphere, concerning cultural resources, and to identify where additional archaeological work needs to be done. From this, a sensitivity map of the Lincoln Sphere was developed, generally locating those areas of high, moderate and low potential to contain cultural resources (Figure 27).

BACKGROUND

ENVIRONMENT

The Lincoln Sphere is characterized by a wide variety of environments. It encompasses prairie grasslands, oak woodlands and riparian areas along Auburn Ravine, Ingram Slough and Orchard Creek. Lincoln Sphere is drained by Auburn Ravine and its tributaries in the north, Ingram Slough in its central section, and Orchard Creek and its tributaries in the southern portion. Terrain within the Lincoln Sphere is flat to moderately sloping; however, there are portions of the property, particularly in the eastern area, where the slopes exceed a 20% gradient. The western two-thirds of the sphere supports grassland, with the oak woodland being restricted to the eastern one-third of the sphere. Elevations range from around 100 feet in the west to almost 700 feet in the eastern portion.

The western two-thirds of the Ferrari Ranch/Southeast Lincoln Site is prairie grassland, with the eastern one-third forming an ecotone with the oak woodland zone. The northwest border contains a narrow riparian strip along Auburn Ravine and the south central portion of the project, along the upper drainage of Ingram Slough, is remarkable for its salt marsh, a relatively unique occurrence in the region (Figure 7). The only other known salt sources in the region are one near Rocklin and another on Kalaga Road, north of Lincoln (Van Ess p.c. 1989). Principal plants of the salt marsh include Frankenia grandifolia, a low plant with small leaves, and salt grass (Distichlis spicata), a wirey plant. During the summer, a crust of salt forms on the surface of the marsh. Native Americans once scraped this crust for use as salt. Salt may also have been obtained by collecting salt crystals exuded from the salt grass (Johnson p.c. 1989).

The Lincoln Crossing Site, in the western part of the sphere, is primarily prairie grassland with a narrow riparian strip in its northeastern corner along Auburn Ravine. Ingram Slough, which traverses its central portion, has been greatly modified for agricultural purposes. Nearly the entire site is under cultivation, excepting its northern quarter.

Geologically the area is covered by the Mehrten Formation, a late Miocene-early Pliocene volcanic mudflow. The matrix contains cobbles and boulders. Ridge tops and sideslopes are covered with eroding volcanic cobbles. Volcanic boulders, which stand in profile along these grassy ridges, were used as aboriginal bedrock milling features to grind acorns and other foods (Figure 7). Cobbles were incorporated into rock fences, which are associated with historic grazing activities.

Bedrock is granodiorite. Here, a portion of a batholith, about 20 miles long and five to ten miles wide and extending from Folsom in Sacramento County to northeast of Lincoln in Placer County, has been exposed by erosion. Granite was quarried locally and was used in the several structures recorded during this survey. A granite quarry (Site 2H) is located on the Ferrari Ranch/Southeast Lincoln parcel (Figure 23). Large granite outcrops, which have been exposed by erosion in the eastern third of the Lincoln Sphere, were also valued by the prehistoric occupants of the area and were used as bedrock mortar milling features (Figure 7).

Shallow soils and vernal pools cover the flatter ridges. During the wet season small crustaceans and plants flourish in and around these pools.

The study area falls within the Great Central Valley or Lower Sonoran Zone (Storer and Usinger 1971). The dominant species within the project area are: blue oak (Quercus douglasii) and interior live oak (Q. wislizenii). Willow (Salix spp.), blackberry (Rubus vitifolius), and other riparian species occur along Auburn Ravine and Orchard Creek. Assorted annual grasses and forbs are prominent in the eastern two-thirds of the project. On the drier ridges, with poorly developed clay soils, vernal pools prevail. The seeds, leaves, stems, roots, and fruit of many of these plants served a multitude of subsistence and utilitarian purposes to prehistoric occupants of this area.

PREHISTORY

Numerous archaeological sites have been inventoried in proximity to the Lincoln Sphere, ranging in type from cemeteries to prehistoric village sites (with developed midden deposits) to temporary resource collecting and processing areas (comprised of

isolated bedrock mortar milling features) (Figure 7). Archaeological studies by Palumbo (1963) and Robinson (1967) form the basis for the prehistoric cultural sequence within the Lincoln vicinity. Subsequent archaeological studies have added further to a knowledge of the regional prehistory. Palumbo studied several village sites along Dry and Linda creeks and Strap and Miners ravines, dating as early as 500 B.C. Robinson conducted test excavations along Auburn Ravine between Gold Hill and Lincoln. To date, the regional chronology can be summarized as follows (Lilliard, Heizer and Fenenga 1939; Ragir 1972):

1800 A.D.	Late Horizon, Phase III (historic)
1700-1800 A.D.	Late Horizon, Phase II
500-1700 A.D.	Late Horizon, Phase I
1500 B.C. - 500 A.D.	Middle Horizon
2500-1500 B.C.	Early Horizon (Windmiller Facies)

A general trend has emerged. Ground stone tools show an earlier predominance of manos and metates and bowl mortars to the later period utilization of slab and bedrock mortars. In earlier times, flaked stone tools were manufactured by percussion methods and were relatively large in size. Later period sites exhibit the use of obsidian and siliceous materials such as chert, which were manufactured by both percussion and pressure flaking methods. These later artifacts tend to be smaller and more refined in form (Wiant 1982).

The implications of these trends in artifact types generate research questions involving changes in prehistoric cultural resource procurement systems, settlement patterns, trade, and environmental change.

NATIVE AMERICAN PERIOD

The Lincoln Sphere is within the territory once claimed by the Valley Nisenan, or Southern Maidu, a Penutian speaking central California group. Their traditional homelands once included the lower drainages of the American, Yuba and Bear Rivers, and the lower reaches of the Feather River (Wilson and Towne 1978:387). The Hill Nisenan had settlements higher up in these drainages. Major Valley Nisenan settlements are recorded at Pit chi ku, where Roseville is now (Riddell reports obtaining a similar name from a Nisenan informant, Pich-u-gut, for a village site in Roseville, Palumbo 1966:9), at Ba ka cha, at Rocklin, and at Ba mu ma, where the town of Lincoln now stands (Littlejohn 1928:34; Wilson and Towne 1978:388).

At Ba mu ma, there was a big salt spring (Site 17), which was controlled by the Auburn people (Foster et al 1986:8). The settlement was said to have been named by a man named "Ba" (wild

carrot) who ate his lunch there one day. When he had finished and departed, the Indian children picked up and ate what he had left behind. They found it tasted salty.

No doubt, salt was a highly prized commodity and a valuable trade item, especially for those who controlled its source. Beales (1933:354) notes that it was traded from communities owning a salt spring or marsh. It was solidified in baskets and bits were broken off as needed. The best springs were near Rocklin and Lincoln. Other salt springs, located south of Folsom, belonged to the Valley Nisenan. Sugar Pine Hill Nisenan went to Lincoln for salt and would fish there in the creek, sometimes trading there with Valley Indians for shell beads and fish (Wilson 1972:35). The foothill people traded with the Valley Nisenan, the principal articles being acorns, salt and beads. Trading parties were always large, 100 to 200 men. They traveled by night and never stayed in the valley overnight if possible (Beals 1933:365). Wilson (p.c. 1989) notes that Lizzie Enos, his Maidu consultant during the late 1950s, contended that the Lincoln salt marsh was neutral ground and not owned by any one group. Visitors to the marsh would set up camp back from the marsh, waiting their turn to enter and collect.

Nisenan villages consisted of from four to 12 separate dwellings, housing a nuclear or polygamous family, with the main cooperative or corporate unit being an informal bilateral "family". Larger social organizations, called tribelets (Kroeber 1925, 1929), were formed by several villages uniting under a single chief. Permanent semisubterranean dwellings (hu) and a dance house (kum) were constructed at these year-round village sites. Seasonal camps were located along creeks and temporary lean-to structures, with some mud covering at the base, were built.

In addition to village sites, daily activities were carried on at seasonal camps, quarries, ceremonial grounds, trading locations, cemeteries, task-specific sites for fishing, hunting and gathering vegetable foods, river crossings, and battlegrounds. These locales were accessed by a network of trails.

For the Nisenan, like most hunters and gatherers, vegetable food resources formed the subsistence baseline. The Nisenan utilized a wide range of floral and faunal species, although they apparently made extensive use of only a small percentage of these. The least productive time of the year was late winter-early spring. The salmon run began in late spring. Roots were dug in the spring and were consumed raw, steamed, baked or were dried for later use. Grass seeds were harvested in summer. J. P. Whitney witnessed communal grasshopper drives on his Spring

Valley Ranch, which extended from Rocklin to Lincoln (Miller 1958, 1969). Groups might go on hunting and gathering expeditions within the mountains in the fall (Beales 1933; Wilson 1972).

Acorns became available in massive quantities in the autumn. Acorn eating is the hallmark of California Indians and they were the primary staple for those groups who inhabited the foothills of the Sierra. In the fall acorns were knocked from the oaks with a long pole and collected from beneath the trees in large conical baskets. Up to 75 pounds of acorns could be gathered within an hour's time. Acorns were either dried in their shells and stored whole in acorn granaries or they were hulled and ground. Acorns were cracked on an "acorn anvil" (a flat stone surface with a small pit pecked into it). Women congregated at the community "grist" mill to grind and to chat. Nut meats were pulverized by pounding a heavy cylindrical stone pestle up and down into a portable stone mortar bowl or into a cup-shaped depression worn into a bedrock outcrop. Andesite cobbles, found in creek beds, were commonly used for pestles and manos. Numerous of these bedrock milling features were inventoried within the project area. Sometimes a bottomless basket, held in place by the legs, was positioned over the shallow cup-shaped depression to prevent the particles of acorn meal from flying away (Figure 6).

The poisonous tannic acid was removed from the acorn flour by repeated leaching with water (through a process much like making drip coffee). Acorn mush was brought to a boil in a cooking basket by repeatedly plunging in dozens of hot cooking stones. This practice tends to fracture the stones. Consequently, fragments of fire cracked rock are a common occurrence in archaeological deposits. The food value of acorns is quite substantial, being higher in fat and calories than almonds, filberts or Brazil nuts. The value of acorns as a fattener was evidenced by the robust physique of most acorn eaters. One family could regularly consume upwards of 500 pounds per year.

Nisenan population in pre-contact times is thought to have numbered around 9,000 (Kroeber 1925). Euroamerican penetration into the Sacramento Valley during the 19th century initiated a series of changes which were later to prove devastating to Native American populations.

The first recorded Spanish expedition into the project vicinity was led by Gabriel Moraga between 1806 and 1808. He came in order to scout new mission sites, return runaway Indians, and punish hostile Indians to Spanish rule. While no Nisenan were removed to the missions, it is believed that they did harbor

escaped missionized Indians.

Beaver and other fur resources were exploited near Lincoln by the Hudson Bay Company. In 1827 and 1828, Jedediah Smith led a trapping foray into the project vicinity. These and other trappers set up temporary camps in Nisenan territory and relationships were friendly.

In 1833, a great malaria epidemic which swept through the Sacramento Valley, killed an estimated 75% of the Valley Nisenan population. Survivors moved up into the hills, perhaps in proximity to the study area.

With the discovery of gold and the subsequent influx of a large Euroamerican mining population after 1849, Maidu numbers were further reduced by disease and genocide. Survivors, who were not either sickened or murdered, were ultimately forced to vacate their ancestral homes.

J. P. Whitney was a Euroamerican land barron within Nisenan territory who owned land between Rocklin and Lincoln. He was sensitive to the plight of Native Americans, from the time he first began to develop his ranch in 1870. He became involved with the Northern California Indian Association, in an effort to retain some land holdings and improve living conditions for Native Americans victimized during the post-gold rush era.

Aware of the fact that Spring Valley had been used by the Nisenan for generations, Whitney allowed them free access and use of his ranch lands. During this time, Whitney noted several Nisenan cultural practices (Whitney 1906:29-30; Miller 1969:191).

Grasshoppers were driven into pits filled with water. Hot rocks brought the water to a boil. When cooked the grasshoppers were dried and stored for later use.

A group of three mineral springs were located near the Spring Valley Ranch headquarters, located south of the Lincoln Sphere. Whitney commented upon curative rituals for rheumatism centering upon the use of mineral springs:

"One of the first duties of Capt. John and his attendants was to disrobe and roll in the unctuous salt of the mineral springs in the valley, and afterwards to sit in the sun on the ground for an hour or two coated with mud, which was replenished at intervals with another application."

It is possible (but not confirmed) that the salt springs near Lincoln were also used in such a manner.

As the years passed, progressively fewer Nisenan returned to the Spring Valley Ranch and it is likely that none encamped on Whitney's land after the turn-of-the-century (Chavez 1982). In an article published in 1906, J. P. Whitney reminisced:

"Ten or fifteen years ago a small band of these Indians yearly came about here, but I have not seen any about of late. Capt. John, the chief of a small band, was an old friend of mine, but has evidently gone the way of his fathers. Attended by a small group of bucks and squaws he would regularly round up at my house, and, after a pleasant greeting, would accept an invitation to grub up with a load of cold beans, ham, bread, canned goods . . . etc., accompanied by sundry parcels of old clothes and hats; then . . . he would go to the Clover Valley (south of project area) below for encampment" (Miller 1969:189).

EUROAMERICAN PERIOD

The earliest explorations of the Lincoln area were conducted by the Spanish. Between 1806 and 1808 Gabriel Moraga may have explored the area. In 1827 and 1828 Jed Smith led a fur trapping expedition into the region. The discovery of gold in 1849 brought over 10,000 people to Placer County by the 1860s. However, the rocky hills north of the Lincoln Sphere area were more suited to those industries in support of gold mining. Located adjacent to major routes to the gold fields and falling within a favorable climatic zone, the area quickly became a center for farming and ranching.

Gold Mining

The project area is located along the western margin of the Sierra Nevada Gold Belt region, which contains some of the most productive placer deposits in the world. The eastern third of the Lincoln Sphere is on the fringe of this placer gold region. Gudde (1975:194) places Lincoln within the Garden Bar district in an area of mainly copper, but some gold mining.

A number of historic gold placer mining sites extend westward from Auburn, down what was once the old Auburn Ravine turnpike. Mining camps such as Ophir (State Registered Landmark 463), Gold Hill, Virginiatown (SRL 400), and Fox's Flat or Fort Trojan, commonly called "Toejam" by the miners (Logan n.d.:5; Thompson and West 1882:382) are only a few (Hoover, Rensch and Rensch 1966:271; Gudde 1975:134, 360). Whiskey Diggins, Gouge Eye, Coon Creek, Hungry Hollow (later known as Newtown and Mt. Pleasant) and Daneville/Copenhagen were other short-lived mining towns, north of Auburn Ravine, which sprang up in the 1850s

(Logan n.d.:6) (Figure 16).

Mining Technology:

In the western placer regions the "cream" was quickly skimmed from shallow bars and benches along the streams, such as Auburn Ravine, by the initial rush of miners using pans, rockers, "long toms", and sluice boxes (Figures 8, 9 and 10). By the mid 1850s, the placers along California's streambeds had begun to give out. Miners moved up to the higher terrace deposits, away from the existing water courses.

River and bar mining could be carried on successfully only in the summer or dry season, and the ravines, gullies and high banks were sought for the winter's work. These localities were therefore, called "dry diggings." The foothill area near the head of Auburn Ravine constituted one of the richest sections of dry diggings in the gold-mining region (Thompson and West 1882:190). In order to work these dry diggings it was necessary to bring large volumes of water to the claims by ditch and/or flume or to cart the material to the nearest water source. Some would shovel the dirt out of the dry channel onto the bank, in anticipation of the water coming the following season.

The types of placer mining activities represented within the project area include:

1. shallow placer mining,
2. ground sluicing,
3. associated water conveyance features,
4. drift mining, and
5. dry-land dredging.

A brief description of the placer mining techniques conducted within the project area is provided, as an accurate interpretation and assessment of mining sites demands both an appreciation of the nature of gold deposition and an understanding of the mechanics of gold recovery.

For the purposes of this report, the term "placer" is applied to deposits of sand, gravel and other material containing a valuable mineral which has accumulated through weathering and mechanical concentration processes. Streams are the dominant agent in the formation of most placer deposits. Fluctuating water flows alternatively free and trap the gold so that, over millenia, river channels have acted as "natural sluice boxes".

1. Shallow Placer Mining

The shallower pits and excavations of the gold rush era over 100 years ago are now largely filled-in by erosion and many are difficult to distinguish from natural features. These old surface washings are characterized by low rows or mounds of hand piled rocks in or adjacent to shallow excavations. Very often, they follow or are close to natural water courses. An observer in 1850 described the ground surface in the aftermath of this mining technique: "the earth in almost every direction appeared as it had been rent asunder by an earthquake" (cited in Davis 1958:148).

Small tributaries in the eastern portion of the Lincoln Sphere exhibit ample evidence of early shallow placer mining (Sites 4 and 10), which could have been processed by either pan, rocker, long tom, and/or sluice box (Figures 8, 9 and 10). It is also likely that areas along Auburn Ravine once contained evidence of these shallow placer workings, but have since been obscured by natural processes and subsequent land use.

a. Panning

Shallow placering involves the removal and processing of loose surface soils and gold bearing sand. Panning for gold was, of course, the first and most primitive method of washing the metal from the gravel (Figure 9). While all gold extraction devices involve the basic principle of agitating gold-bearing gravel in water-filled containers, from the standpoint of simplicity, the pan has no peer.

b. Rocker or Miner's Cradle

By the summer of 1848, the pan was rapidly replaced with more efficient higher volume devices such as the wooden rocker or "miner's cradle." It takes its name from a likeness to the 19th century rocking baby cradle (Figures 8, 9 and 10). Deposits are washed through the rocker, with larger gravels being caught on a screen or punched iron sheet and smaller material falling through to the bottom. Here, heavy gold particles are trapped in the rough surface created in the bottom of the rocker. They are removed after the debris is worked out the low end of the rocker. Of all the large scale placering tools, the rocker most efficiently conserves water. Two or three barrels of water are generally sufficient for a day's work. One or two men can process from three to five cubic yards of material per day through a rocker.

c. Long Tom

From the development of the rocker or cradle came the "long tom", which permitted the handling of more material than the rocker. The long tom is an inclined trough of boards about 12 feet long and eight inches deep (Figures 9 and 10). The trough is 12 to 15 inches wide at its head, widening to 25 or 30 inches at the lower end. The upper section is a sluice with screen or perforated metal sheets which eliminates larger material. The smaller material is washed through the sluice down into the lower section, or riffle box, which contains riffles (or stops) behind which the heavy gold is trapped. Lighter sediments are washed out the bottom end.

This technique marks the first attempt to divert streams from their channels. The process requires a steady stream of water entering the head of the box.

Dirt was shoveled into the upper end of the tom. It was tended with hoe and shovel to stir the gravel and water as they entered, washing all that is possible through the perforated sheet and throwing the coarser gravel away. Two to four men can process six to ten yards of material through a long tom per work day.

d. Sluice Box

After this came the development of the fixed sluice. Sluice boxes are an elaboration of the long tom. In its simplest form it is no more than an elongated, rectangular trough. The sluice is formed by interconnecting these troughs or sluice boxes end to end in a continuous line. Sluice boxes are either laid on the ground or are elevated on supports as flumes to maintain the proper grade or descent.

The longer length of the sluice allows more gold bearing material to settle out. It is fitted with transverse cleats, or riffles, on its bottom. It is operated by essentially allowing a stream of water to carry the sands and gravel over the riffles which, in turn, detain any gold or heavy minerals as they settle to the bottom. In essence, riffles duplicate the action of the river bottom which had originally deposited the gold in the alluvial gravels. The riffles form small obstructions which break up the consolidated gravels and form eddies in the flow of water, thereby creating pockets of still water where the heavier gold and sand settle. The riffles were often filled with quicksilver which amalgamated the waterborne gold particles (Figured 9 and 10).

When no longer serviceable, the boards were burned and the ashes were washed for gold (Wells p.c. 1989). Under favorable

conditions with an efficient sluice set-up, two men can process greater volumes with the sluice box than with the long tom.

2. Ground Sluicing

As the more easily-worked ground became exhausted, attention was directed towards more labor saving techniques, in particular the use of water to break down gold-bearing deposits. Initially, unpressurized water was used to break down terrace margins by the action of the water flowing over them. This method generally consists of bringing a ditch to the edge of the bank to be worked and allowing the water to cascade over the working face. In this way, the water will cut its own channel or bed (a small cut being first made to lead it in the direction required). The erosive force of the water is assisted by the use of picks and shovels. The adjacent gravel banks are brought down by picking at the base of the bank and by directing the water flow as to undercut the bank and aid in its caving (Figure 11).

When the water has been used to the best advantage, and a sufficient amount of rich dirt has been washed, the water is shut off, or redirected to some other locality, while the clean-up is made. The accumulated gold is collected from the rock layers or block riffles in the bottom of the ground sluices by removing the rocks or riffles and washing the now concentrated earth with a rocker, long tom or short sluice. Wooden sluice boxes were sometimes attached to the bottom end of a ground sluice to enhance gold retrieval.

Areas of rolling topography which contain gold-bearing deposits of varying depths, to which water can be brought (but not under pressure) are suitable for ground sluicing. The intervening gulches which have sufficient grade for sluicing are mined. A substantial water flow and adequate bedrock grade are necessary to produce a strong current as it flows across the mining claim.

Ground sluicing is generally practiced in winter and spring, when water is plentiful. Otherwise, this method requires a greater labor force and the development of elaborate auxillary water works such as drains, flumes, ditches, reservoirs, etc. excavated by water not under pressure.

The term ground sluicing has been broadly applied to many aspects of washing gravels. All ground sluicing is not the same. A distinction can be made between the more sophisticated operations which required a great deal of pre-planning, engineering, capital, and labor, such as those on bench diggings along the margin of the Great Valley. This is in stark contrast to the more casual ground sluice operations that were worked by a

few miners, rudimentary and primitive diggings which are confined to natural drainage channels and occur in abundance further up in the foothills. The latter description fits those ground sluice workings recorded within the eastern portion of the Lincoln Sphere (Sites 4 and 10) (Figure 12).

3. Water Conveyance Features

With the innovation of increasingly more sophisticated placer mining techniques, an elaborate system of ditches was developed, out of which grew the more powerful and extensive hydraulic methods of the 1860s and 1870s. Many of these old mining ditches today serve the irrigation needs of orchards and pastures in the Sierran foothills (Hoover, Rensch and Rensch 1960:251).

Several segments of mining ditches traverse the project area. Many currently carry water and support contemporary ranching activities.

4. Drift Mining

Wells' (1969:60-61, 127) description of drift mining techniques is quoted here. As distinguished from surface methods for placer mining, underground mining procedures applied to placer gravels are collectively known as "drift mining". Placers buried under deep masses of low-value gravel or capped by lava flows have been extensively worked in this manner.

Drift mining presupposes the concentration of values in a well defined stratum or channel. Pay streaks in these channels are typically confined within narrow limits, both laterally and vertically, and are commonly related to troughs or other depressions in the bedrock. But it is not unusual to find several generations of "pay leads", as the miners call them, within a given deposit where several periods of erosion and deposition have superimposed successive channels over one another.

These gold-bearing placer deposits are usually explored by adits (or short horizontal excavations), shafts (vertical excavations) (Figure 13) or other underground openings from which drifts are driven into the richer portion of the gravels. Crosscuts are run from the main drifts to establish the outer pay limits and at the same time to block the ground for mining.

Because most of the drift mines were small-scale enterprises with limited capital, the miners would drift only on the rich pay streaks. The later introduction of dredges allowed for this unproductive deposit to be mined economically.

Drifting operations may have occurred along the eastern portion of Ingram Slough, as miners followed pay leads deep into the placer gravels. According to the Thirteenth Report of the State Mineralogist (1896:283-284) the New Baccarat Gravel Drift Mine was operating on leased ground, 3 miles southeast of Lincoln in Section 23 (Township 12 North, Range 6 East) at about 160 feet altitude (also Wyatt p.c. 1989). Ten prospect shafts, four to five feet in diameter and 25 to 80 feet deep, were sunk to bedrock and two drifts, 150 and 175 feet long, were run. Figure 13 may represent one of these ten drift mine shafts. Water was supplied from the South Yuba ditch. Four men were employed in developing the drift mine. J. I. Felter, of Sacramento, was the secretary and A. V. Oliver, of Lincoln, was its Superintendent. Site 12 was, no doubt, part of the New Baccarat Gravel Drift Mine operations.

5. Dry-Land Dredging

During the 1930s a number of so-called "dry-land" dredges were built in California. Most were used for short periods on small tracts of shallow gravel. Typically they consisted of a wheel or skid-mounted screening and washing plant fed by a power shovel equipped with a dragline boom and bucket. Gold was recovered by use of Ainlay bowls or short sluices. Most were equipped with stackers for disposal of the washed cobbles. A typical dry-land dredge, used by Panob Dredging Company near Lincoln in the early 1940s, is shown in Figure 14 and characteristic dry-land dredge tailings observed on the Ferrari Ranch (at Site 12) are shown in Figure 15.

In 1936 the California Mining Journal (page 8) reported Lincoln as one of the outstanding Placer County mining areas. Clark (1970:87) notes that this was probably the most profitable dragline dredge field in the state. During the 1930s considerable amounts of gold were recovered by dragline dredging from gravels in lower Auburn Ravine, just east of Lincoln, and in Doty Ravine, a few miles to the north. Recoveries ranged from 15 to as high as 60 cents per yard. Diggings depths ranged from 5 to 20 feet. During this time there were ten different producing operations in the field making a good profit.

Anderson operated a dry land plant at Hughes Ranch, about one mile southeast of Lincoln (CMJ 1936:8).

The CMJ (1938:15) reports that Pantle (later co-principal of the Panob Dredging Company) operated three miles southeast of Lincoln on property under lease and belonging to Louis Kiss.

The Panob Dredging Company of Lincoln, with principals,

Walter E. Pantle (of Auburn) and C. L. O'Brien (of Sacramento), worked a number of properties in the Lincoln and Loomis districts. They operated two dry-land outfits on the Forsyth and Lewis and G. E. Stoll properties during 1940 to 1941 (California Division of Mines Bulletin 135 1946:275-276). As of May, 1940, Panob Dredging Company was working on the Jas. Walkup property, along Auburn Ravine, east of Lincoln. In addition to this, the Panob Company had two other tracts adjoining the Walkup land under lease. They had another four-bowl plant at work in the Loomis district, which was moved to Lincoln to work on the Ferrari property (in the Ophir district) from March to October of 1941. (The CMJ, 1940:15, and the Mining World, 1940:20, note that work started on the Ferrari property on April 12, 1940.) This Ferrari dry-land dredge site, described as being 400 acres of tillable farm and pasture property one mile east of the town of Lincoln, may be the locale of Isolate Feature 3, recorded during this survey (but this has yet to be confirmed).

Here, Panob conducted dry-land dredging operations in an unusual manner. The Panob lease required that the land be restored to arable condition after mining so they developed a technique for handling overburden and leaving tillable property "right side up." Dry-land dredging (perhaps by Panob) on the Ferrari Ranch has left little tell-tale remains and was barely discernible during this survey. This is in stark contrast to the mounds of rock tailings usually left in the wake of a dredging operation. (Note that typical mechanical tailings produced from dredging operations are shown in Figure 15.) These were probably associated with operations at the New Baccarat Gravel and Drift Mine.

Dry-land dredging operations on the Ferrari Ranch are described as follows (Mining World 1940:17-20). The present ground is approximately 14 feet deep to a decomposed granite bedrock. The top seven feet is barren silt and the lower seven feet is fine auriferous gravel and decomposed granite with little large material.

The method of operation is this. The stripping dragline clears overburden from a cut 50-feet wide, piling it in a long windrow on one side of the cut. The mining dragline, washing plant and its diesel-electric power unit, comprising one complete operating group, operate at surface level, parallel to the stripped cut and on the opposite side from the windrow of overburden. Material excavated by the dragline is deposited in the hopper and washed into a revolving perforated trommel screen. Approximately 60% of the material mined passes through the screen into a distributing launder by which it is divided evenly between the several Ainley bowls. Screen oversize is discharged to a 55-foot stacker, which dumps into the cut where mining has been

completed and the bedrock cleaned. Tailings from the bowls flow to a central sump, from which they are drawn by a sand pump and delivered through a hose behind the windrow of overburden paralleling the cut. The bowls, with their rubber riffles, are cleaned up after each shift by removing the plug at the bottom and washing all the concentrates into a bucket or tub. Concentrates include values in gold, silver and some platinum, together with black sand. The gold is all fine, from pin-head size to dust, and is recovered by amalgamation.

As part of the land rehabilitation process, the first seven feet of soil was stacked, the sand tailings being pumped to the pit after mining is finished by a pump and the trommel tailings being sent to the same place by a stacker. Approximately seven feet of gravel was mined after the seven feet of overburden was removed, the overburden being bulldozed back over the tailings in the releveling process. Tailings from the stacker were levelled by a bulldozer, which further distributed the soil in the windrow.

The three dragline and two washing plants which operated on the Ferrari Ranch handled over 5,000 cubic yards, bank measurement per day, and washed 125 cubic yards of gravel per hour (CMJ 1940:15). They worked two shifts, and employed a total of 15 men. The washing plant used by Panob at Lincoln ca. 1940-41 is shown in Figure 14.

Summary of Historic Gold Mining Activities Near Lincoln:

The eastern portion of the Lincoln Sphere is located along the western margin of the Sierran Gold Belt. During the early Gold Rush era, placer gold-bearing deposits were worked through a series of small hand-dug excavations. The surface gravels were washed by pan or by higher-volume methods which employed rockers, long toms and/or sluice boxes. Generally, surface deposits were washed during periods of winter rains, when the small ephemeral drainages were filled with water. Areas along small tributaries in the eastern portion of the sphere are marked by remnant pit and mound tailings features from these early diggings (Sites 4 and 10).

Casual ground sluicing operations were also probably carried on during this early period. Tailings, represented by Sites 4 and 10, were probably worked by a few miners. Rudimentary and primitive diggings like these are generally confined to natural drainage channels and occur in abundance in these lower foothills.

Drift mining occurred in the upper reaches of Ingram Slough, at least as early as 1896, at the New Baccarat Mine (Site

12). Ten prospect shafts, four to five feet in diameter and 25 to 80 feet deep, were sunk to bedrock and two drifts, 150 and 175 feet long, were run.

The Panob Dredging Company of Lincoln operated a dry-land dredge on the Ferrari Ranch property during the early 1940s. Their's was an unusual operation in that they developed a method of mining which restored the land to arable condition after mining. Lands were so rehabilitated that barely a trace of these dredging operations can be seen today (Isolate Feature 3). Limited evidence of historic dredging operations were also recorded on the Placer Ranch Property, south of the Ferrari Ranch Project (Foster et al 1986).

Coal and Clay Mining

Coal was discovered near Lincoln in 1873, while drilling for water. Charles Lincoln Wilson initiated the development of coal mining.

While further prospecting for coal in the Lincoln vicinity, beds of potters' clay were discovered in 1874 (Thompson and West 1882:213). A company was incorporated in 1875 by Charles Gladding, Peter McG. McBean and George Chambers to exploit the local clay deposits. By 1882, the pottery was producing ironstone sewer pipe, chimney tops, fire brick, terra cotta ware, vases, urns, flower pots, and other decorative vessels (Logan n.d.:47). By 1891, this pottery and terra-cotta works was the leading manufacturing establishment of Placer county (anon 1891:185). Prominent buildings all over the world have featured Gladding, McBean and & products, especially decorative terra cotta (Logan n.d. 47). The company continues to be one of Lincoln's major employers.

Transportation

Roads:

Prior to the Gold Rush of 1849, transportation routes through western Placer County were few and were mainly in a north-south direction. With the discovery of gold, the number of routes increased quickly. Logan (n.d:16) depicts some of these early roads in proximity to the Lincoln Sphere on Figure 16.

West of Roseville, the "Sacramento-Nevada Road" passed just east of the present site of Lincoln (part of the route is still used and is called Pioneer Lane). This route went up Auburn Ravine to Virginia(town), Gold Hill, Ophir, etc. It was called the Sacramento and Ophir Road. A branch of this road went north along what is now called McCourtney Road, connecting with the

Sacramento-Nevada road at Bear River.

One of the main east-west routes led east from the Sacramento-Nevada Road at Coon Creek. The present Chamberlain Road is part of this route. It paralleled, roughly, the present Wise Road, then curved to the south toward Gold Hill.

The earliest hotels in mining camps or way-side inns between these camps in the Lincoln area sprang up between 1850 and 1855 (Logan n.d.:25). Gray's Hotel, established in 1853, was located in Auburn Ravine, about one mile southwest of Lincoln. This site may be located somewhere in the northern portion of the Lincoln Crossing Project. Wm. H. Gray and Otis Brown were its proprietors. In 1855, it was bought by Wm. Hardy and became known as Hardy's Hotel. It was the earliest polling place in the immediate Lincoln area, until the founding of Fox's Flat, two miles east of Lincoln, in 1858.

Railroads:

As an extension of the Sacramento Valley Railroad, between Sacramento and Folsom, the California Central was completed and placed in operation to Lincoln in October 1861. Lincoln became the busy terminus for the railroad for many years and much of the passenger and freight travel of Placer, Nevada and Yuba counties passed over it (Thompson and West 1882:35; Logan n.d.:ii). Lincoln was a locally important shipping and stage station until 1864, when the railroad terminus moved to Wheatland. The section from Lincoln to Marysville was not completed until 1869, then under the name of the Yuba Railroad Company (Thompson and West 1882:35). In that same year, the Central Pacific acquired control of the California Central, under the title of the California and Oregon Railroad Company, in one of its many efforts to secure a virtual monopoly of California railroading. Later, the Central Pacific became part of the vast Southern Pacific Railroad Company (Davis 1975:25).

The original line of the California Central Railroad, now Southern Pacific's line, transects through the heart of the Lincoln Sphere.

Lincoln Airport:

The Lincoln Airport, although north of that part of the Lincoln Sphere treated in this study, is located within the larger Lincoln Sphere. The land upon which the Lincoln Airport stands was condemned by the Federal Government in 1942. An airport was constructed soon after and was used as a flight training station. Later, it was turned over to the City of Lincoln, under the operation of the Lincoln Airport Authority.

The airport contains buildings of World War II vintage that may be of some historical and architectural significance (Tucker p.c. 1989).

Settlement

The town of Lincoln was laid out in 1859 under the auspices of Charles Lincoln Wilson projector of the California Central Railroad (for whom the town was named) (Gudde 1974:178). The first school was established in 1861 (Thompson and West 1882:263).

Agriculture and Ranching

Lands surrounding the present-day Lincoln proved to be fertile ground for early agricultural and ranching pursuits for the fruit-packing and the raising of grain and beef stock. Historic Chinese dry yards were once located west of town (Murch p.c. 1989).

In 1851, Joseph Walkup and S. B. Wyman settled upon the valley margin in Auburn Ravine a short distance east of the present town of Lincoln and, in 1852, were the first to harvest a crop of wheat in Placer County (Thompson and West 1882:240). The Cox's ranch, on Coon Creek, was another pioneer ranch (Figure 16). Another showplace of early Placer County agriculture was the Nickerson Ranch on Doty Ravine, west of Crosby-Herold Road (Logan n.d.:50). J. R. Nickerson, a fruit farmer near by, was very progressive as a fruit-raiser. Steven D. Burdge was a practical wine-maker and active citizen of Lincoln (Lardner and Brock 1924:208). W. F. Fiddyment, after whom Fiddyment Road was named, forms the western border of the Lincoln Sphere. Fiddyment built up a huge land dynasty within the Roseville region in 1856 (Davis 1975:19, 21; Davis 1982:4). The greater portion of this ranch was devoted to grain and stock.

Whitney's Spring Valley Ranch:

The most significant events of the ranching era of this region center upon the Whitney family and their Spring Valley Ranch. This story is well documented by Miller (1958, 1969) and has recently been summarized in detail by Foster and Foster (1986), Chavez (1982) and Lindstrom (1989).

Between 1857 and 1913, the family acquired the land through a series of complex transactions, at which time total holdings were 30,000 acres. In 1949 the family sold the ranch and modern commercial development on traditional Ranch lands commenced in 1960.

In 1888 the Ranch comprised a large triangular piece of property located between the cities of Lincoln, Roseville and Rocklin in the foothills of Placer County (much of which falls within the Lincoln Sphere). The main ranch contained roughly 18,200 acres, with an additional area of about 3,100 acres included as part of the Placer County Citrus Colony.

Between 1875 and 1880 Whitney undertook an extensive program of ranch improvements, using a work force of more than 1,000 Chinese. Projects included the construction of a network of rock fences, graded roads, reservoirs and irrigation ditches, and ranch building complexes. Many of the historic sites recorded within the Placer Ranch property, south of the Ferrari Ranch Project, and some of those inventoried within the Lincoln Sphere, may relate to some of Whitney's ranch improvements (Foster et al 1986).

The Whitney Ranch was partitioned by about 100 miles of rock fence. Rock walls, such as segment represented by Isolate Feature 8, may have been constructed with Chinese labor. Miller (1969:181) describes their construction as consisting of large volcanic stones and originally about five and one-half to six feet in height and about three feet at the base. By 1882 the ranch was completely enclosed and subdivided by a series of rock walls. These rock fences served to confine sheep to a given area, while disposing of abundant volcanic stones and thereby clearing the grazing surface. Split-rail wooden fencing was used early on, but proved to be impractical due to the large number of grass fires. J. P. Whitney ultimately built about 100 miles of barbed wire fences, rebuilding them later to include sheep-proof netting.

The transportation system within the Spring Valley Ranch includes a network of about 25 miles of well built roads, also believed to have been constructed by Chinese employees (Miller 1969:181; Chavez 1982:18). McGowan (1961:214) notes that "a hundred miles of graded drives and twenty granite-arched bridges" traversed the Whitney ranch. Some of the present roads within the Lincoln Sphere may have originally been part of the early ranch system.

During the early 1900s Whitney Station, located along the Southern Pacific's line between Roseville and Lincoln (and shown on Figure 17), served as a main supply and transport point for the Ranch (Chavez 1982:20).

The western portion of the ranch had a limited water supply in the summer. Annual rainfall and the flow of seasonal creeks provided a more stable seasonal water supply in the northern and eastern portion of the ranch. Given the water constraints (and

especially with the agricultural improvements), the Whitney was compelled to develop an extensive water management system consisting of ditches, reservoirs, stock ponds, and holding tanks. Some of the ditches and reservoirs inventoried within the Lincoln Sphere, such as Site 6H, may represent remnants of these earlier irrigation efforts for the Whitney Ranch.

Whitney grazed over 15,000 head of selectively bred sheep, in addition to a stock of working and show horses. The Spring Valley Ranch enjoyed a reputation for improving and upgrading the quality of local sheep and high-quality wool and mutton were produced by sophisticated breeding and marketing practices.

In 1872, J. P. Whitney ploughed up and put 1,200 acres in grain on his land lying below Lincoln, and adjacent to the Central Pacific Railroad tracks (Angel 1992:247). This area may have fallen within the present Lincoln Crossing and/or Ferrari Ranch projects. In addition to wheat cultivation, Whitney raised raisin grapes and citrus fruit and established the Placer County Citrus Colony in 1886.

Granite Quarrying

About 60 granite quarrying localities were reported for the general Rocklin area, 30 of which were still in operation by the 1890s (Derr and Rondeau 1979). Here, the main period of activity was from 1864 to 1890 (California Division of Mines Bulletin 176:1957):594; Hoover, Rensch and Rensch 1966:271). The granite industry fluctuated widely throughout the late nineteenth and early twentieth centuries in response to the demand for granite as building stone (Davis 1981:41). The Great Depression further curtailed the dwindling granite industry.

The vicinity of Lincoln was also the scene of granite quarrying activities. Many granite quarries were located east of town (Logan 1985). A granite quarry reported to be in the eastern portion of the Lincoln Sphere, located south of the road to Hughes Reservoir (Wyatt p.c. 1989), may be Site 2H (Figure 23). This old granite quarry was temporarily reopened sometime during the last decade (Newcomb p.c. 1989).

Davis (1981:25) describes early-day quarries. They were ordinarily worked by two or three men and consisted of rectangular pits of 100 feet or more in depth. Blocks of granite were cut and removed by derricks into a finishing plant at the edge of the quarry. There, the slabs were sawed, polished and engraved for use as monuments, building blocks, curbing, and other uses. Waste was used as rip-rap for levees and breakwaters. Reject quarry blocks were also extensively used as posts. These posts line the streets of Lincoln but the number

remaining within outlying areas are declining. One quarried granite post (Site 16H) was recorded within the project area (Figure 25).

Miscellaneous

Along the east side of Oak Tree Lane, and adjacent to the Ferrari Ranch Project within the Eastern Lincoln Sphere, Nike missile bunkers, which were closed in the 1960s, once housed nuclear missiles (Tucker p.c. 1989). The facility has now been converted for use by the California Division of Forestry.

West of the Hughes Reservoir a vineyard was planted in the 1930s-1940s. It was destroyed by the missile site (Wyatt p.c. 1989).

PRE-FIELD RESEARCH

DATA SOURCES

Primary data sources consulted during the pre-field research phase of this investigation are as follows:

1. North Central California Information Center, Archaeological Site Inventory, California State University, Sacramento (NCIC-CSUS);
2. David Tucker, Director, Placer County Historical Society, Auburn;
3. Leonard Davis, Historian, Sacramento;
4. Roy Ruhkala, Historian, Sacramento;
5. Jerry Logan, Lincoln Historian, Lincoln; and
6. assorted published and unpublished sources (see references section).

PREVIOUS ARCHAEOLOGICAL INVESTIGATIONS

The project study area is within a region which has received considerable attention by cultural resource investigations (Figure 18b). These many study areas often have overlapping boundaries. For the most part, different archaeological reconnaissance strategies have been employed and varying intensities of survey coverage have been given to each study area.

Foster and Foster (1986) surveyed over 5,000 acres of the Placer Ranch property in the southeastern quarter of the Lincoln Sphere (Township 12 North, Range 6 East, Sections 29-31 and Township 12 North, Range 7 East, Sections 22-27 and 34-36) (Figure 18b and 18e) and recorded 40 prehistoric sites and 64 historic features (Figure 19a). It is likely that many of these features are associated with activities at the historic Spring Valley Ranch.

An archaeological survey by Roop (1978) of about 1,000 acres along Orchard Creek, in the southwestern part of the Lincoln Sphere (Township 12 North, Range 7 East, Sections 28 and 32-34) (Figure 18b), identified 17 potential cultural resources. These include 3 possible ground stone scatters, 1 bedrock mortar site, 1 bedrock metate, 1 pitted boulder petroglyph, 1 metate, the 1860s era homestead of J. Orchard, 1 historic stone structure, 1 historic period home site, 3 rock wall features, a paved road segment, and a series of small dams along Orchard Creek (Figure 19a).

Peak and Associates conducted a literature search on the proposed Lincoln Crossing Project but did no field survey.

A major archaeological study along Auburn Ravine, between Lincoln and Gold Hill, was carried out by Roger Robinson (1967) as part of his M. A. Thesis. He recorded a total of 19 sites, the largest and most complex being on the south bank of Auburn Ravine near the City of Lincoln, known as the "Lincoln Mound." At this site, Robinson recorded a total of 15 separate granite outcrops, containing 390 bedrock mortars, in association with an impressive mound 12 feet high, with cultural deposits up to 6 feet deep. The site also contained a number of burials and a pit and groove petroglyph. The site was studied in the 1930s by students from Sacramento Junior College. Unfortunately, the entire collection has been displaced. The site dates from the Middle Horizon period up to late Phase II (refer to "Prehistory" section), indicating a long span of occupation over many centuries.

A major study of the Rocklin West and Northwest Rocklin Study Area (Stanford Ranch), on lands bordering the project area to the south, was conducted by Chavez in 1982. He surveyed approximately 4,500 acres by employing a mixed reconnaissance strategy. He recorded 18 prehistoric sites, which range from large village sites with midden deposits to small isolated food processing stations containing bedrock mortars. They include two artifact scatters, six bedrock mortar features, five bedrock mortar features with associated artifacts, and four bedrock mortar features with associated artifacts and midden. In addition, four isolated ground stone artifacts and one flaked

stone artifact were inventoried. Six large historic sites, nine quarried stone bridges, and a stone fence complexes were also recorded, all of which may be associated with activities at the Spring Valley Ranch.

Part of the area surveyed by Chavez had been examined earlier by Hildebrant *et al* (1978) and Basgall and Jobson (1978) and more recently by Davy (1989). Lindstrom (1989) surveyed lands adjacent to this parcel containing the headquarters for the Whitney's Spring Valley Ranch.

In Clover Valley, southeast of the project area, a series of small field studies by Claytor (1980a, 1980b, 1980c, 1980d) have resulted in the inventory of numerous prehistoric midden and bedrock mortar archaeological sites and historic stone fences have been recorded.

Five previous archaeological surveys have been conducted within the Roseville North Central Plan Area (Foster and Foster 1982, 1986; Lindstrom 1988;), where numerous prehistoric sites (cupules and bedrock mortars, some with midden) and several historic rock walls were recorded.

Palumbo (1963) documented the rich deposits of prehistoric villages dating to a period as early as 500 B.C. along Dry Creek, Strap and Miners Ravines, and Linda Creek. The largest site, known as the "Evelyn Site", was located in Roseville on the south bank of Dry Creek. This was an ancient village and cemetery.

In addition, some minor excavation work has been completed in association with the Highway 65 Bypass construction corridor (Wiant 1982; Peck and Peeler 1979; McGuire 1980; Peck 1980), which disclosed several historic sites and rock wall features, prehistoric midden sites and bedrock mortar sites.

A cultural resource assessment north of the present study area (Peak 1986a) revealed two ground stone fragments. Another study by Peak (1983) disclosed one bedrock mortar feature north of Markham Ravine.

Payen (The Press Tribune 2/12/1989:A-4) found examples of rock art in Doty Ravine, three miles northeast of Lincoln.

Other archaeological surveys north of the present study area (McGowan-Seldner 1985; Peak 1981, 1986b; Clark 1983; Motz 1978; and Dougherty 1981) disclosed no cultural resources.

EXPECTED ARCHAEOLOGICAL SENSITIVITY

From these prior archaeological investigations it is evident

that the overall archaeological sensitivity of the general region ranges from low to high, depending upon the particular microenvironment. In general, areas highly sensitive to contain potentially significant cultural resources are along drainages and in the eastern portion of the Lincoln Sphere containing oak groves and exposed bedrock. The archaeological sensitivity appears to decrease towards the west and the flatter and drier prairie grassland (Figure 27).

Prehistoric sites are known to occur along permanent and seasonal drainages, on flat ridges and terraces, and in areas traditionally containing oak groves with rock outcrops suitable for processing oak resources. Most sites are evidenced by bedrock mortars, pitted boulders, fire affected rock, flaked stone (to include chert and quartz), and culturally altered soil or midden. The potential of these particular environments (exposed granite, reliable water and bountiful oaks) within the project area to contain prehistoric remains is high. Some sites have also been located along very minor ephemeral drainages in unexpected locations. For example, rock ring features have been recorded along ridge rims and sideslopes (Scully p.c. 1989).

Apart from Robinson's (1967) study along Auburn Ravine, extensive subsurface investigation of cultural resources in the vicinity of the study area are lacking. Johnson's (p.c. 1989) test excavations of selected sites within Chavez (1982) survey area on the Stanford Ranch have unexpectedly disclosed midden around bedrock mortar features which initially appeared to contain no subsurface deposits.

Historic sites, particularly those associated with Whitney's Spring Valley Ranch, can be expected to occur almost anywhere within the Lincoln Sphere because of the nature of early settlement patterns. Mining sites are expected to occur along drainages within the eastern portion of the sphere.

FIELD RESEARCH

SURVEY STRATEGY

A preliminary archaeological field reconnaissance was conducted between January 31 and February 8, 1989 by Susan Lindstrom and Mary Panelli, archaeological consultants to EIP Associates. The pedestrian surface survey was structured by a mixed archaeological reconnaissance strategy of complete, general and intuitive controlled coverage. The archaeological coverage maps (Figures 18a, 18b, 18c, and 18d) are roughly keyed to the operational definitions of the survey strategies employed.

General Reconnaissance: A general reconnaissance involves the inspection of an area at approximately 50 meter transect intervals, 75 to 100-meter intervals, or 175 to 200-meter intervals. Some areas are not inspected or are less than completely inspected because they are inaccessible or difficult to inspect, eg. dense brush or grass cover.

Intuitive Controlled Reconnaissance: An intuitive controlled reconnaissance is one in which the inspector can predict where archaeological sites will be, based on sufficiently detailed, systematic reconnaissances that have previously been completed in the area. Based on these results, the inspector may be able to give some portions of the impact area more detailed attention than others. For example, if prior studies show that prehistoric sites in an area usually occur within oak groves with exposed granite outcrops and that historic mining sites tend to occur along drainages, the inspector might then be justified in concentrating attentions in these areas at the expense of other areas. Some attention is still given to other portions of the area in case unpredicted types of sites occur.

The intent of this study was to provide a constraints map for management purposes for the City of Lincoln, indicating areas of greater or lesser sensitivity to contain cultural resources. The ultimate purpose was to provide the basis for the determination of where more work needs to be done. As such, complete coverage was not the objective. Rather, survey was structured by a mixed archaeological reconnaissance strategy of general coverage with wide transect intervals, aimed at maximum coverage allowable within the project's scope, and intuitive controlled coverage, directed towards areas most likely to contain cultural resources. Areas where project impacts were pending, such as the Ferrari Ranch/Southeast Lincoln and Lincoln Crossing Projects, were given coverage priority. Much of the area has been under crop cultivation for some time, so only a sample of this area was surveyed, giving precedence to less disturbed areas and areas more likely to contain cultural resources.

SURVEY TECHNIQUES

Project unit boundaries were delineated by physical features and landmarks which were elicited from a project map and large-scale aerial and topographic map. Transect intervals and distances were established by pacing. Cardinal directions were maintained by compass readings.

Ground visibility was poor in most areas, being obscured by a lush grass cover. The ridges support a more sparse stand of grass and the ground surface here was partially visible. Over

one half of the Ferrari Ranch/Lincoln Southeast Project area is under cultivation. The remainder is used as open pasture. Over 3/4 of the Lincoln Crossing Site is under cultivation, some of it for rice production. The balance is also used for grazing. The southwest quarter of the Lincoln Sphere and the area along its western margin is partly used as pasture land and is partly under cultivation. Although part of this area had been surveyed in 1978 (Roop), selected portions were resurveyed in order to reconfirm some questionable site locations. The southeastern portion of the Lincoln Sphere, known as Placer Ranch, was surveyed earlier by Foster et al (1986) and was not resurveyed here.

A seemingly minor, but (in reality) major problem was with the relatively high density cattle grazing on much of the property surveyed. Field work was accomplished in the spring, when bulls were intermingling with the remaining herd. Upon the advice of local ranchers, we were warned to cut a wide berth around agitable bulls. In doing so, and by also avoiding charging herds in their entirety, transect intervals were altered. In some cases (but not always), we were able to return to the area later, after the herd had moved elsewhere.

General coverage, at 50-meter intervals, was given to areas along the eastern margin of the Ferrari Ranch/Southeast Lincoln and the the area between Moore Road and Auburn Ravine.

General coverage, at intervals between 75 and 100 meters, was given to areas along the western margin of the Lincoln Sphere.

Most of the Lincoln Sphere was surveyed by general coverage at between 175 and 200-meter intervals. This included much of the Ferrari Ranch/Southeast Lincoln property, the northern portion of the Lincoln Crossing Project, and the southwestern corner of the Lincoln Sphere.

Intuitive controlled coverage, at 25-meter intervals, was given to those areas most likely to contain cultural resources. Areas along drainages, the salt marsh, and oak-studded uplands with exposed bedrock in the eastern portion of the Lincoln Sphere, were examined in this way.

About 5,000 acres of the Placer Ranch property were previously surveyed using a mixed reconnaissance strategy (Foster et al 1986) (Figure 18e). The Orchard Creek Project area was surveyed earlier by Roop (1978) by parallel transects from between 80 to 200 meter-intervals.

RESULTS

Combined cultural resource surveys of the entire Lincoln Sphere have disclosed a total of 149 cultural sites and isolated features/artifacts. Out of this total 51 prehistoric sites were inventoried, including six habitation sites, 40 food processing sites, two petroglyphs, one quarry, and two rock alignments. Historic sites total 98 and include 11 structural foundations, five refuse dumps, seven features related to irrigation systems (ponds and ditches), 23 ranching related features, three roads/bridges, 23 rock cairns or monuments, 13 rock wall segments, 9 mining related sites, and one granite quarry.

These totals are further broken down by area.

Within the eastern portion of the Lincoln Sphere, partially surveyed by Lindstrom (1989), a total of 16 sites were recorded. Eleven are prehistoric food processing locales, three are related to placer mining and one to granite quarrying.

Within the Ferrari Ranch/Southeast Lincoln project, surveyed by Lindstrom (1989), five sites were inventoried, one is an ethnographic salt marsh, one is related to placer mining, and three contain historic structures. Isolate features/artifacts total eight, of which six are ranching related, one is a rock wall segment and one is associated with placer mining.

On the Lincoln Crossing Project, surveyed by Lindstrom (1989), one historic homesite was recorded and one isolated feature/artifact related to ranching was recorded.

On lands within the southwestern quarter of the Lincoln Sphere, surveyed by Lindstrom (1989), one historic homesite and five isolated features/artifacts were recorded. Three are related to ranching, one is tentatively associated with prehistoric food processing, and one is of unknown origin. Part of this area was previously surveyed by Roop (1978), 17 cultural sites were inventoried. Although 17 cultural sites were identified, only eight were considered here, as the remainder have only tentatively been inventoried and have not been assigned trinomial numbers with the North Central Information Center at California State University, Sacramento. The eight sites and features represent two historic rock wall segments, three historic structural foundations, two prehistoric food processing locales with possible habitation, one historic artifact, and a series of check or diversion dams along Orchard Creek.

The Foster et al (1986) survey of Placer Ranch recorded 35 prehistoric sites, six of which were habitation sites, 24 food processing locales, two petroglyphs, one quarry, and two rock alignments. Sixty-five historic sites/features/artifacts were

inventoried to include, three structural foundations, five refuse dumps, six irrigation features (ponds and ditches), 11 ranching related features, three roads/bridges, 23 rock cairns or monuments, 10 rock walls, and four features associated with placer mining.

The locations of all of these sites and features/artifacts are keyed to the cultural resource location maps (Figures 19a, 19b and 19c). Only those inventoried during this study (Lindstrom 1989) are described below. Cultural resources recorded by Foster *et al* (1986) and Roop (1978) are fully described in their reports and will not be reiterated here.

EASTERN LINCOLN SPHERE AREA

Site 1: Bedrock Mortar

This site consists of one bedrock mortar feature containing one cup, 7 cm in diameter and 1 cm deep.

Site 2H: Granite Quarry

The granite quarry is comprised of three inundated quarry pits, up to 50 meters in diameter and over 20 meters deep (to water level), along with piles of quarried granite blocks and a system of dirt access roads (Figure 23). It covers approximately 3 acres. The age of the quarry is not known but it was temporarily reopened sometime during the last decade (Newcomb p.c. 1989).

Site 2P: Bedrock Mortar Complex

Within the historic granite quarry two bedrock mortar features, containing a total of 10 cups up to 11 cm deep and 18 cm diameter, are located along the edge of the main quarry pit. It is likely that other bedrock mortar features once existed within the granite quarry but have been processed for building stone.

Site 3: Bedrock Mortar

One bedrock mortar feature, containing 10 cups, which range in size from 5 to 18 cm in diameter and 1.5 to 7 cm in depth, is located along a small tributary stream.

Site 4: Historic Ground Sluice Diggings

Two small and rudimentary ground sluice workings cover about 1/2 acre adjacent to the north side of a small tributary stream (Figure 12). They are interconnected by a main ditch which

traverses the ridge. Also, shallow surface placer diggings are scattered across the site.

Site 5: Bedrock Mortar Complex

Two bedrock mortar features contain a total of three cups, which range from 2 to 8 cm deep and 8 to 14 cm diameter. Both are located along the north side of the road to Hughes Reservoir.

Site 6H: Historic Water Works

This site consists of a reservoir (about 125 meters in diameter), whose waters were once impounded by an earthen dam, about 4 meters high. Mature oaks, which grow upon this dam, suggest substantial antiquity for the site (Figure 24). An east-west-trending ditch runs along the southern side of the reservoir. The site covers encompasses approximately 1 acre. It is not known whether the facility is associated with early mining activities, with operations on the historic Spring Valley Ranch, and/or more contemporary grazing activities.

Site 6P: Bedrock Mortar

This bedrock mortar feature is located within the reservoir pool of historic Site 6H. It consists of one feature containing two cups, up to 8.5 cm deep and 17 cm diameter.

Site 7: Bedrock Mortar

This single bedrock mortar feature contains 3 cups which range in size up to 7 cm deep and 13 cm in diameter.

Site 8: Bedrock Mortar Complex

This is a large site, encompassing about 2 acres, which is located at the confluence of two small tributary streams. It is comprised of at least eight separate bedrock mortar features with over 20 cups, with diameters ranging up to 27 cm and depths of up to 18 cm. Midden is also likely. Due to time constraints, the site was not formally recorded and many more bedrock mortar features are expected.

Site 9: Bedrock Mortar

This single small bedrock mortar feature barely protrudes above the ground surface. It contains one large cup, 22 cm diameter and at least 12.5 cm deep. A large cobble (possible pestle?), which could not be dislodged, is embedded within the weathered cup.

Site 10: Ground Sluice Diggings

This site is comprised of small ground sluice cut, adjacent to a small stream. It may be associated with Site 4, further downstream. No water conveyance features were observed. Note that other early shallow placer workings are scattered upstream and around the head of this small creek.

Site 11: Bedrock Mortar

This single bedrock mortar feature is comprised of four cups, ranging up to 12 cm deep and 18 cm diameter.

Site 13: Bedrock Mortar

The site contains one bedrock mortar feature with 19 cups, ranging up to 23 cm in diameter and 18 cm deep. The site may contain a workshop midden deposit.

Site 14: Bedrock Mortar

A single bedrock mortar contains one cup, 8 cm diameter and 1.5 cm deep.

FERRARI RANCH/SOUTHEAST LINCOLN PROJECT

Site 12: Baccarat Gravel and Drift Mine

The Baccarat Gravel and Drift Mine is located on about 15 acres in the extreme southeastern corner of the Ferrari Ranch. It extends eastward, for another 15 acres onto the adjacent property. It dates from at least 1896. The site consists of mechanical mining placer tailings, a reservoir, ditch system, mine prospect shaft or drift mine shaft, and a sparse scattering of miscellaneous artifacts, most of which appear to date from the 1920s. One quarried granite and mortar foundation, with a circular rock pedestal feature, may or may not relate to placer mining activities (Figure 15). Its function is unknown.

Site 15: Stone House Ranch Complex

This ranch complex currently consists of a quarried granite structure, rock-lined well, wooden barn, assorted quarried granite foundations, dirt access road, and associated pasture and corral features (Figure 20). It covers approximately 4 acres. It dates from at least the early 1920s.

Historically, the ranch complex contained the stone structure, two wooden barns, and a residence. It was owned by Billy Hughes (after whom Hughes Reservoir was named) and was

operating sometime before about 1925, at which time a barn, once on the property, burned (Wyatt p.c. 1989). The stone house may date from before 1920 (Wyatt p.c. 1989; Mason p.c. 1989). Its present roof is a later addition, as it once supported a windmill on its roof (Wyatt p.c. 1989). Tack was stored inside (Wyatt p.c. 1989). Hughes raised rice on land across from the ranch, on the north side of Hwy 193 and to the west (Wyatt p.c. 1989). The deteriorating barn on the site may also have been added at a later time (Wyatt p.c. 1989).

Site 16: Beerman's Slaughter House

This site may represent the remains of Beerman's Slaughter House. Features include a concrete slab with brick, wood, and clay pipe scatter, another concrete slab, a set of rock and brick foundations, a scatter of quarried granite stone foundations, a rock-lined well, a quarried granite monument, a quarried granite bridge, a concrete slab with board scatter, and dirt access road, all contained within about 5 acres (Figures 25 and 26). A few scattered artifacts appear to date the site from the 1920s to 1940s.

Beerman operated a slaughter house on the ridge south of the quarried granite house (Wyatt p.c. 1989). He had a butcher shop on 5th Avenue in Lincoln at least as early as 1922 (Newcomb p.c. 1989). Wyatt recalls a hide pit (or scalding pot) consisting of a square brick fire box, set into the ground. The pot of boiling water, into which the hogs submerged, rested on top of the brick pit. Other features of the slaughter facility included a hoist, working tables and a slaughter house (Wyatt p.c. 1989). Dick Mason, who worked at Beerman's slaughter house between 1927 and the 1940s, recalls its location at the end of Oak Tree Lane and on its west side, across from the missile site. He recalls one large concrete slab and a hide pit (Mason p.c. 1989).

Site 17: Lincoln Salt Marsh

At Ba mu ma, near the present-day town of Lincoln, there was a big salt spring. The settlement was said to have been named by a man named "Ba" (wild carrot) who ate his lunch there one day. When he had finished and departed, the Indian children picked up and ate what he had left behind. They found it tasted salty. This ethnographic account of a salt marsh may be represented by Site 17, a locale in the south central portion of the Ferrari Ranch and within the upper drainage of Ingram Slough. This is a relatively unique occurrence in the region.

The salt marsh is designated as a site according to its ethnographic documentation and contentions by contemporary Native Americans. It contains little in the way of surface

archaeological remains. Only one black chert spall tool was observed within the northern periphery of the marsh. A bedrock mortar complex was inventoried by Foster et al (1986) on the ridge, south of the marsh (Foster's Site 28).

The size of the present salt marsh is about 30 acres, more or less. About half of this area is contained within the Ferrari Ranch and the remainder is located on Placer Ranch lands.

Site 18: The Ferrari Ranch Buildings

Three residences, several barns, outbuildings, and associated fences and corrals comprise the Ferrari Ranch Site. They are contained on approximately 5 acres (Figure 21).

The following discussion of the history of the ranch is directly taken from Jerry Logan's research for Paul Ferrari (1987).

Before the 1850s no official land owners are recorded for the land south of the present town of Lincoln. Two major roads intersected, just east of the main bend in the creek on the ranch, the Sacramento and Ophir Road and the Sacramento and Virginiatown Road (Figure 16).

Sometime in the 1850s, the Dodd family settled on the land. Three separate 160-acre patents were filed by Samuel and John Dodd in 1860 and 1861. Census records record that the Dodds and their three children were living on the Lincoln ranch in 1870. Dodd was a politician of local prominence.

In October of 1885, Alex Hemphill bought the old Dodd farm for \$10,000, thus extending his ranch all the way down from 4th street in Lincoln, where he built his large brick home on the corner of 4th and D. Hemphill was from Ireland and was a business entrepreneur, with a variety of real estate holding in Placer County.

Isolated Features/Artifacts

1. rusted 10-gallon container ("property of Sherry S. F.")
2. concrete pipe/galvanized metal fragment (associated with pasture irrigation?)
3. dry-land dredge operations of the Panob Gold Dredging Company, ca. 1940 (Figure 14); these tailings were noted on the USGS quad but are represented by little or no archaeological evidence
4. irrigation ditch and stock pond improvement complex

5. rusted horseshoe
6. eucalyptus grove
7. rusted horseshoe
8. rock wall (100-meter segment); possibly part of Whitney's Spring Valley Ranch improvements

LINCOLN CROSSING PROJECT

Site 19: Historic Homesite

This old homesite consists of three circular depressions (about 4 meters in diameter) and one possible collapsed board structure. A sparse artifact scatter dates this site from the 1930s or later. The site is less than 1 acre in size.

Isolated Features/Artifacts

9. rusted wagon frame

SOUTHWEST LINCOLN SPHERE

Site 20: J. Orchard Homesite

This historic homesite was previously recorded by Roop (1978) in their survey of the proposed Orchard Creek Project. It was re-recorded during this survey. The site may originally have been the homesite of J. Orchard, as shown on an 1868 historic map. It may have been occupied at a later date.

It is located upon a low mound, less than one acre in size, above the south side of Orchard Creek. Features include one relatively recent concrete foundation, a depression (4 meters in diameter), a rock-lined well, and 10 fruit trees and one rosebush (Figure 22). A sparse scatter of artifacts indicate the site to be of considerable antiquity and include, glass and ceramic domestic items.

A dark soil which contains a few cobbles of questionable nature, may indicate prehistoric occupation at the site, although this is a most tentative notion.

Isolated Features/Artifacts

10. rusted hoist frame
11. cluster of boulders within Orchard Creek (of unknown origin)

12. series of wooden check or diversion dams along Orchard Creek (also recorded as Roop Site 14)

13. rusted horseshoe

14. questionable small scatter of prehistoric ground stone artifacts along the south bank of Orchard Creek consisting of four possible mano/pestles; no culturally altered soil or other artifacts were observed.

SIGNIFICANCE

Significance evaluations are addressed only to those sites and isolated features/artifacts recorded during this study (Sites 1 through 20 and Isolated Features/Artifacts 1 through 14). Only a few of the many sites recorded for the Placer Ranch and Orchard Creek Projects were revisited. The numerous other historic and prehistoric sites recorded during these earlier surveys, will have to be assessed on a project-specific basis at a later time.

A determination of significance is commonly based upon the four criteria of eligibility for inclusion in the National Register of Historic Places. Important considerations focus upon a cultural property's uniqueness and integrity, relative to other cultural resources similar in kind, and its potential to contribute important information towards scholarly research, which can then be conveyed to the ultimate beneficiaries of this knowledge, the American people. The criteria, summarized below, provide legal and professional guidelines.

The quality of significance in American history, architecture, archeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, materials, workmanship, feeling and association and:

A. That are associated with events that have made a significant contribution to the broad patterns of our history; or

B. That are associated with the lives of persons significant in our past; or

C. That embody the distinctive characteristics of a type, period, or method of construction, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or

D. That have yielded, or may be likely to yield, information important in prehistory or history.

CEQA (Appendix K) incorporates these four basic National Register criteria into its guidelines. For the purposes of CEQA, an important archaeological resource is one which:

A. Is associated with an event or person of:

1. Recognized significance in California or American history or
2. Recognized scientific importance in prehistory.

B. Can provide information which is both of demonstrable public interest and useful in addressing scientifically consequential and reasonable or archaeological research questions;

C. Has a special or particular quality such as oldest, best example, largest, or last surviving example of its kind;

D. Is at least 100 years old and possesses substantial stratigraphic integrity; or

E. Involves important research questions that historical research has shown can be answered only with archaeological methods.

Historic values are evaluated in terms of National Register criteria A, B and C and CEQA criteria A through E. Social and scientific values are addressed in National Register criterion D and CEQA criteria A through E. In evaluating and managing cultural resources these historic, scientific and social values are assessed according to: (1) a resource's potential to contribute information to the understanding of an important research issue; (2) to stimulate general public appreciation of their heritage; and (3) to enhance the local economy and public welfare.

An evaluation of a site's information potential involves two important elements:

1. a consideration of the redundancy of the data contained within the site so that its type and content may be evaluated against the type and content of other sites within the region in order to determine its degree of relative uniqueness; and
2. an evaluation of the integrity of the site which is based upon the degree of disturbance or amount of

deterioration to the surface and buried archaeological deposits.

SITE 12: BACCARAT GRAVEL AND DRIFT MINE

At this phase of analysis there is insufficient information to assess the potential significance of the Baccarat Gravel and Drift Mine. However, the site does appear to meet some of the National Register criteria. Support for this conclusion follows.

National Register Criterion A/CEQA Criterion A

The mining site is associated with events important in our history, that being, the gold mining industry of the state.

National Register Criterion B/CEQA Criterion A

At this phase of research, the site does not appear to be associated with the lives of persons significant in our past, nor does it appear to possess a particular ethnic affiliation.

National Register Criterion C

The mining site does embody the distinctive characteristics of a type, period and method of placer mining, namely drift mining and placer mining with mechanical means. The true extent and character of the mining technology represented at the site must be further defined. Therefore, the site may be significant from a mining technological standpoint as it may "...(embody) the distinctive characteristic of a type, period, or method of construction..."

National Register Criterion D/CEQA Criteria B and E

Placer mining sites, like that at the Baccarat Mine, should be approached as total technological systems comprised of a well-integrated complex of water delivery networks, gold recovery and waste deposit areas, and associated transportation systems and habitation centers. In turn, each individual site should be considered as one component of a much larger system.

The Baccarat Mining Site may have potential to yield significant information towards the historical research concerns involving:

- a. chronology, in developing a time sequence of mining activities at the site; and
- b. mining technology, as to the methods employed and how mining was organized.

It has been the finding of this study that further archival research in government records, mining journals and local newspapers and the collection of local oral histories may produce information concerning site chronology and the specific mining activities at the site.

Further archaeological study of mining features may provide information by which their probable size, duration, and relative economic significance can be determined.

CEQA Criterion D

The mining site represents a complex of placer mining operations that may span over a century, although documentation of the "New" Baccarat Gravel and Drift Mine dates only to 1896. Such nomenclature suggests that an older mine may have existed prior to this time.

CEQA Criterion C

This criterion addresses the relative uniqueness and integrity of a cultural property. Currently there is insufficient information to assess the site's potential significance according to this criterion. The existence of other regional mining sites of this type, which are either more or less representative of this technique or are of either greater or lesser integrity, have yet to be validated and documented. While, no doubt, other sites of this kind do exist in close proximity to the project area, none have been formally documented. So, the critical quantitative and qualitative information is not currently available to assess this site's uniqueness and integrity. These are the kinds of data that are prerequisite to making a determination of significance.

Summary of Site Significance:

At this phase of research there is an inadequate data base with which to make a determination of eligibility for the site's inclusion to the National Register of Historic Places, even according to values which pertain to local significance. The site must be more thoroughly researched and it must be comparatively evaluated within its regional context. However, it can be stated that:

1. the diggings are associated with events that have made a significant contribution to the broad patterns of our history;
2. the diggings are not associated with the lives of persons significant in our past, according to National Register

scale;

3. while the diggings appear to embody the distinctive characteristic of a type, period and method of placer mining, their character has yet to be adequately assessed; and

4. at this time it is not possible to evaluate the research potential of the site or its uniqueness and integrity as regards its special or particular quality such as best surviving example of its kind.

MINING SITES 4 AND 10

Sites 4 and 10 represent typical rudimentary ground sluice workings which occur in abundance in the lower Sierran foothill region. All of their potentially significant locational and descriptive information has been recovered with the preparation of this report.

SITE 6H: WATER CONVEYENCE FEATURES

Water conveyence features at Site 6H may be associated with early mining activities and/or it may be a part of the irrigation system of the historic Spring Valley Ranch and/or it may have served more contemporary grazing interests. Further research is necessary to determine its historical associations. The site does not appear to involve important research questions that historical research has shown can be answered only with archaeological methods, hence warranting its physical preservation. Yet; the site still contains potentially significant information.

EARLY SETTLEMENT AND RANCHING SITES 15, 16, 19, AND 20

At this phase of analysis there is insufficient information to assess the potential significance of Sites 15, 16, 19, and 20. However, they may meet some of the National Register criteria. Support for this conclusion follows.

National Register Criterion A/CEQA Criterion A

Each one of these settlement complexes are associated with events important in our history, that being historical themes related to the early settlement, ranching and/or agricultural era of the region.

National Register Criterion B/CEQA Criterion A

Although the Beermans and Hughes and J. Orchard were important pioneer families in the Lincoln area, none of the

sites are associated with the lives of persons significant in our past, according to National Register scale.

National Register Criterion C

Some of the structures within these settlement complexes could have been considered as the embodiment of the distinctive characteristic of a type, period, or method of construction. However, with the exception of the quarried granite structure (located on Site 15), architectural remains are deteriorating or have vanished entirely and none possess high artistic values or have a special or particularly quality such as oldest, best example, largest, or last surviving example of its kind.

National Register Criterion D/CEQA Criteria B and E

None of the sites appear to involve important research questions that historical research has shown can be answered only with archaeological methods, hence warranting their physical preservation. However, these sites may yet contain potentially important historical information.

CEQA Criterion D

Historic activities at Sites 15, 16, and 19 may date from the 1920s. Site 20 may span over a century, dating from the 1860s.

CEQA Criterion C

This criterion addresses the relative uniqueness and integrity of a cultural property and their potential to yield information important in history. All of these sites are of poor integrity and none of the sites involve important research questions that historical research has shown can be answered only with archaeological methods, hence warranting their physical preservation. Rather, their potential to yield information important in history rests with further research and oral history documentation. However, their overall research potential has yet to be determined.

Summary of Site Significance

1. While each of these sites are associated with events important in our local history, their integrity is so diminished as to disqualify them, in this researcher's opinion, as potentially eligible candidates to the National Register.

2. None of these sites are known to be associated with the lives of persons significant in our past, according to National Register scale.

3. Architectural remains are deteriorating or have vanished entirely. None possess high artistic values or have a special or particular quality such as oldest, best example, largest, or last surviving example of its kind.

4. None of the sites involve important research questions that historical research has shown can be answered only with archaeological methods, hence warranting their physical preservation. Rather, their potential to yield information important in history rests with further research and oral history documentation. Herein, they may provide information which is both of demonstrable public interest and is also useful in addressing scientific research questions.

Based upon these findings, none of the structures or features on Sites 15, 16, 19, or 20 appear to meet eligibility criteria for listing in the National Register of Historic Places, however, they yet may still contain potentially significant information.

SITE 18: FERRARI RANCH

The Ferrari Ranch Site was evaluated according to the same criteria as listed above. The site does not appear to meet the criteria of significance for inclusion in the National Register of Historic Places, even on a local level.

1. The site appears to be associated with contemporary ranching and, as such, is not associated with significant historic events.

2. The site does not appear to be associated with the lives of significant persons in our past, according to National Register scale.

3. The existing architectural features do not embody the distinctive characteristics of a type, period, or method of construction or possess high artistic values. The contemporary structures on the Ferrari Ranch are reflective of a more recent era and the buildings are not an unusual or outstanding example of its style and type. The design concepts and their implementation are common to many structures of that time, and the buildings lack individuality. Additionally, the buildings are less than 50 years old.

4. The site does not appear to involve important research questions that historical research has shown can be answered only with archaeological methods, hence warranting its physical preservation. Yet, the site still contains potentially

significant information.

NATIVE AMERICAN SITE 17: LINCOLN SALT MARSH

The Lincoln Salt Marsh is documented in the ethnographic literature as a salt source of considerable importance to Native Americans within the region. Salt was an important commodity in prehistoric trade networks and the Lincoln salt source was a valuable resource to the aboriginal group which controlled it. The salt marsh forms the basis of "The Salt Man" legend, a tradition of ethnic significance to local Native American groups. During the field phase of this study, the marsh was visited in the company of individuals representing local Native American concerns, the Lincoln Historical Society, and regional archaeological interests (Johnson, Logan and Schaffer, p.c. 1989). It can be concluded that the Lincoln Salt Marsh is of importance to each of these special concerns.

As such, and according to National Register Criterion D, this site may have a potential to yield significant information in the prehistory of the region.

SITE 8: BEDROCK MORTAR COMPLEX WITH POSSIBLE HABITATION

Site 8 is a prehistoric bedrock mortar feature, which, although seemingly typical of the numerous milling features which have been formally recorded in the region, appears to contain a subsurface component whose nature, age and extent is unknown at this time. A midden-like soil is present, which may be associated with workshop and/or habitation activities. Current research being conducted on nearby Stanford Ranch property has revealed the presence of subsurface remains in association with bedrock mortar sites which had initially been classified as isolated surface features (Johnson p.c. 1989) with no evidence of midden. Therefore, caution should be exercised when evaluating the subsurface potential of a site based upon its surface characteristics. According to National Register criterion D, then, this site may be likely to yield information important in prehistory. Further study of the subsurface remains is necessary in order to make a determination of its potential significance.

BEDROCK MORTAR SITES 1, 2P, 3, 5, 6P, 7, 9, 11, 13, AND 14

Sites 1, 2P, 3, 5, 6P, 7, 9, 11, 13, and 14 are prehistoric bedrock mortar features which are very typical of the numerous milling features which have been previously inventoried in the region. These features may represent task-specific locales which are associated with habitation sites located nearby. It seems reasonable to assume that these bedrock mortar features contain no associated buried archaeological remains, as there appears to

be no discolored soil or culturally enriched deposit or artifacts in association with any of them. However, in light of the above-mentioned research, where seemingly surface features are found to contain subsurface deposits, it would be prudent to test at least a small sample of these features to insure that initial judgments of a site's potential significance which are based upon surface attributes are indeed accurate. Therefore, according to National Register criterion D, these sites may be likely to yield information important in prehistory and to the further development of archaeological theory and method. Additional study of these sites is necessary in order to make a determination of their potential significance.

RECOMMENDATIONS

SITE 12: BACCARAT GRAVEL AND DRIFT MINE

The Baccarat Gravel and Drift Mine is contained within about 15 acres in the extreme southeast corner of the Ferrari Ranch Property and it extends eastward, for another 15 acres, onto adjacent lands. The majority of site acreage is taken up with mechanical mine tailings. A small portion of the site, less than two acres, contains associated features related to water management and possible mine processing facilities and habitation. The function of this part of the site, and its possible relation to the mechanical mine tailings is not yet clear. Also, the chronology of events at the mine site and the association of the "New" Baccarat Gravel and Drift Mine with an earlier operation is unknown.

As such, further archival research is required in order to better understand the nature of this site and its time period(s) of operation. Until an evaluation of significance has been made, the site area should be removed from potential project development and a protective buffer should be placed around its maximum exterior boundary.

MINING SITES 4 AND 10

These sites are located within the eastern Lincoln Sphere and consist of early ground sluice workings and associated water conveyance features. Collectively, they comprise a few acres. All of their potentially significant information has been recovered with the preparation of this report and no further constraints need be imposed upon any future project development within their site areas.

SITE 6H WATER CONVEYANCE FEATURES

This site is located within the eastern Lincoln Sphere and consists of water impoundment and conveyance features which cover a few acres. Its historical associations, which have yet to be determined, may be discovered through additional archival and archaeological study. Until an evaluation of significance has been made, the site area should be removed from potential project development and a protective buffer should be placed around its maximum exterior boundary.

EARLY SETTLEMENT AND RANCHING SITES 15, 16, 18, 19, AND 20

Sites 15, 16 and 18 are located within the Ferrari Ranch/Southeast Lincoln Project area. Each cover an area of about four or five acres. Structures within these ranch complexes are either deteriorated or do not possess significant architectural features to warrant their physical preservation. However, further field recordation and photo documentation of standing buildings is recommended prior to the initiation of project activities. Also, additional information concerning the nature, function and dates of operation of historic events at each site should be acquired through further archival research and oral history interviews. This should be accomplished prior to their modification by project activities.

SITE 17: LINCOLN SALT MARSH

The Lincoln Salt Marsh covers 30 acres, more or less, half of which is located within the Ferrari Ranch Project and the remainder within the proposed Placer Ranch development. The salt marsh is of documented significance in the ethnographic literature. Furthermore, the salt marsh is of ethnic and social importance to contemporary Native Americans.

The project sponsor is advised to consult representatives of the local Native American community and the Lincoln Historical Society and to incorporate their opinions, knowledge and sentiments at the earliest stages of project planning. At this time, it is reasonable to project that, ultimately, recommendations may entail the maintenance of the water system supplying the marsh along with the preservation of at least the main pond of the salt marsh and adjacent mounds as open space. In the meantime, a protective buffer zone should be placed around the entire marsh and it should be eliminated from project development.

The Lincoln Salt Marsh is a scenic corridor which has great potential for interpretive development. This unique botanical resource already comprises a rich wildlife habitat and with the thoughtful placement of self-guided exhibits and educational panels, the salt marsh zone could be designated as an open space

area which would satisfy dual interests as both a natural and cultural preserve.

SITE 8: BEDROCK MORTAR COMPLEX WITH POSSIBLE HABITATION

Site 8 is a prehistoric bedrock mortar feature, which appears to contain a subsurface component whose nature, age and extent is unknown at this time. Due to time constraints, the site was not formally recorded during this study and further research is recommended to evaluate its horizontal and vertical extent, nature, age, integrity, and potential significance. Additional studies may involve a program of soil augering and test excavation.

SITES 1, 2P, 3, 5, 6P, 7, 9, 11, 13, and 14: BEDROCK MORTAR FEATURES

Sites 1, 2P, 3, 5, 6P, 7, 9, 11, 13, and 14 are prehistoric bedrock mortar features which appear to contain no associated buried archaeological remains. However, in light of the above-mentioned research, where seemingly surface features are found to contain subsurface deposits, it would be prudent to test at least a small sample of these features to insure that initial judgments of a site's potential significance which are based upon surface attributes are, indeed, accurate. This may be accomplished through a limited program of soil augering and ph soil tests.

In the event that bedrock mortar features at Sites 1f, 2P, 3, 5, 6P, 7, 8, 9, 11, 13, and 14 are found not to contain any subsurface cultural deposit and it is determined that all of the potentially significant locational and descriptive information has been recovered with the completion of the testing program, the project sponsor is no longer mandated by CEQA antiquities preservation guidelines to preserve the bedrock milling features. However, it should be noted that they may have an interesting potential for interpretive development. The interpretation of the cultural history of the area may both economically enhance these planned developments and serve the public welfare. Bedrock mortar features are particularly conducive to interpretation without further reduction of their integrity, as their surficial remains are not portable and are little susceptible to vandalism.

Public Interpretation

A final recommendation challenges the project sponsor to consider an innovative approach to contemporary development. Planned developments within the Lincoln Sphere can not only set themselves apart as thoroughly modern and carefully planned residential/commercial/industrial complexes, but ones which integrate into their development the unique presence of the past.

Much of the Lincoln Sphere was historically contained within Whitney's Spring Valley Ranch and the project site was the scene of a variety of other historic mining, settlement, ranching, and agricultural activities. Furthermore, the Lincoln Sphere witnessed prehistoric events and archaeological remains serve to document the activities of generations of Indian women grinding acorns at their communal bedrock grist mills. Finally, the presence of the Lincoln salt marsh is a valuable natural and cultural resource, whose partial preservation can result in the further public appreciation of their natural surroundings and cultural heritage.

A contemporary development which reflects these rich and varied cultural resources will not only stand as a tribute to local and regional historical events but may also greatly enhance its own economic base and marketing appeal. In short, "history sells" and few areas are so well endowed with potentially marketable antiquities as is the Lincoln region.

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FIGURE 9. Placer mining techniques (Egerihoff 1949:88)

FIGURE 10. Schematic Representation of Basic Gold Recovery Equipment Developed During Early Placer Mining Period: (a) rocker box, (b) long tom, (c) sluice box. (after Lalonde 1985:32)

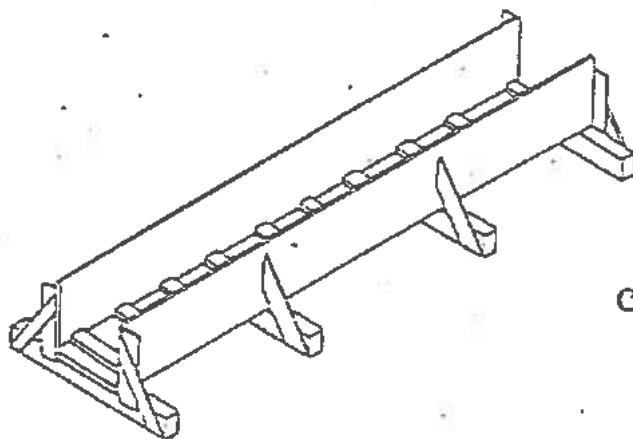
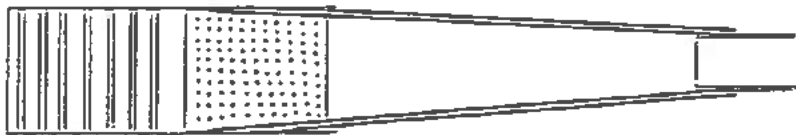
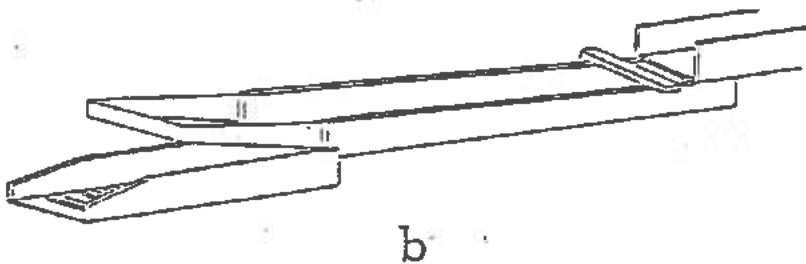
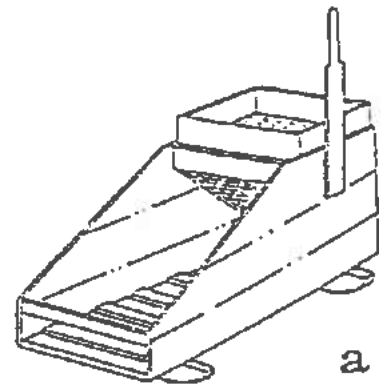




FIGURE 11: GROUND-SLUICING
(from Egenhoff 1949:90)

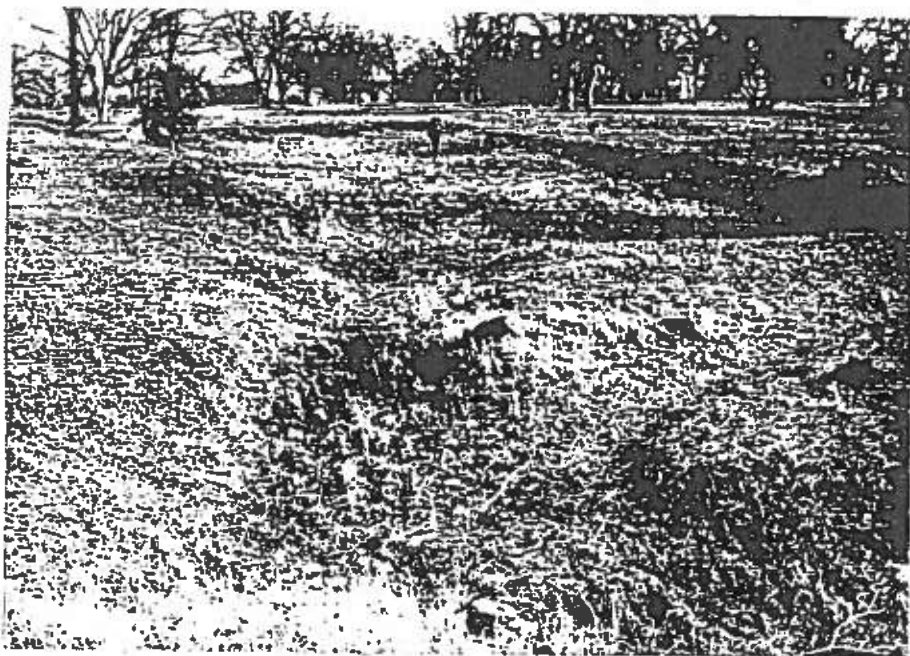


FIGURE 12. Rudimentary ground sluice workings within the eastern Lincoln Sphere (Site 4).

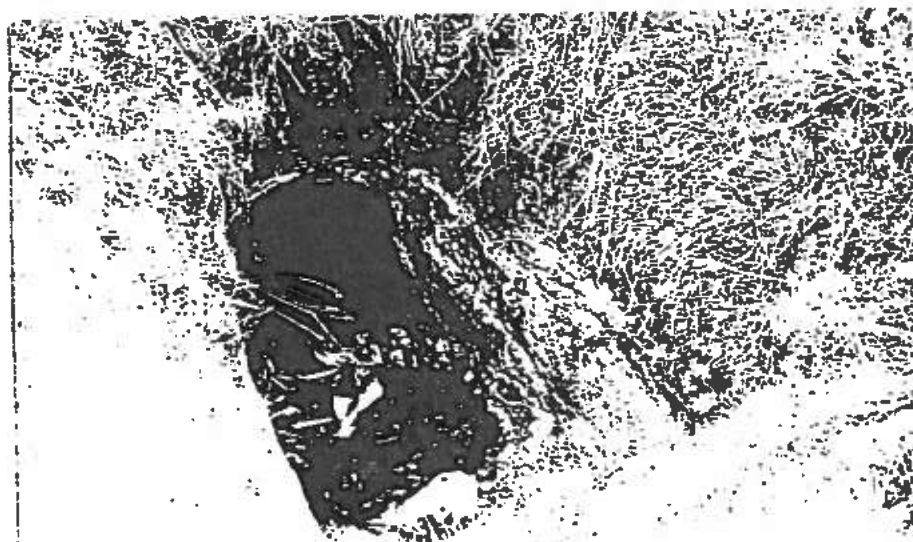


FIGURE 13. Drift mine shaft (or mine prospect shaft) at the New Baccarat Drift and Gravel Mine Site (12) on the Ferrari Ranch.

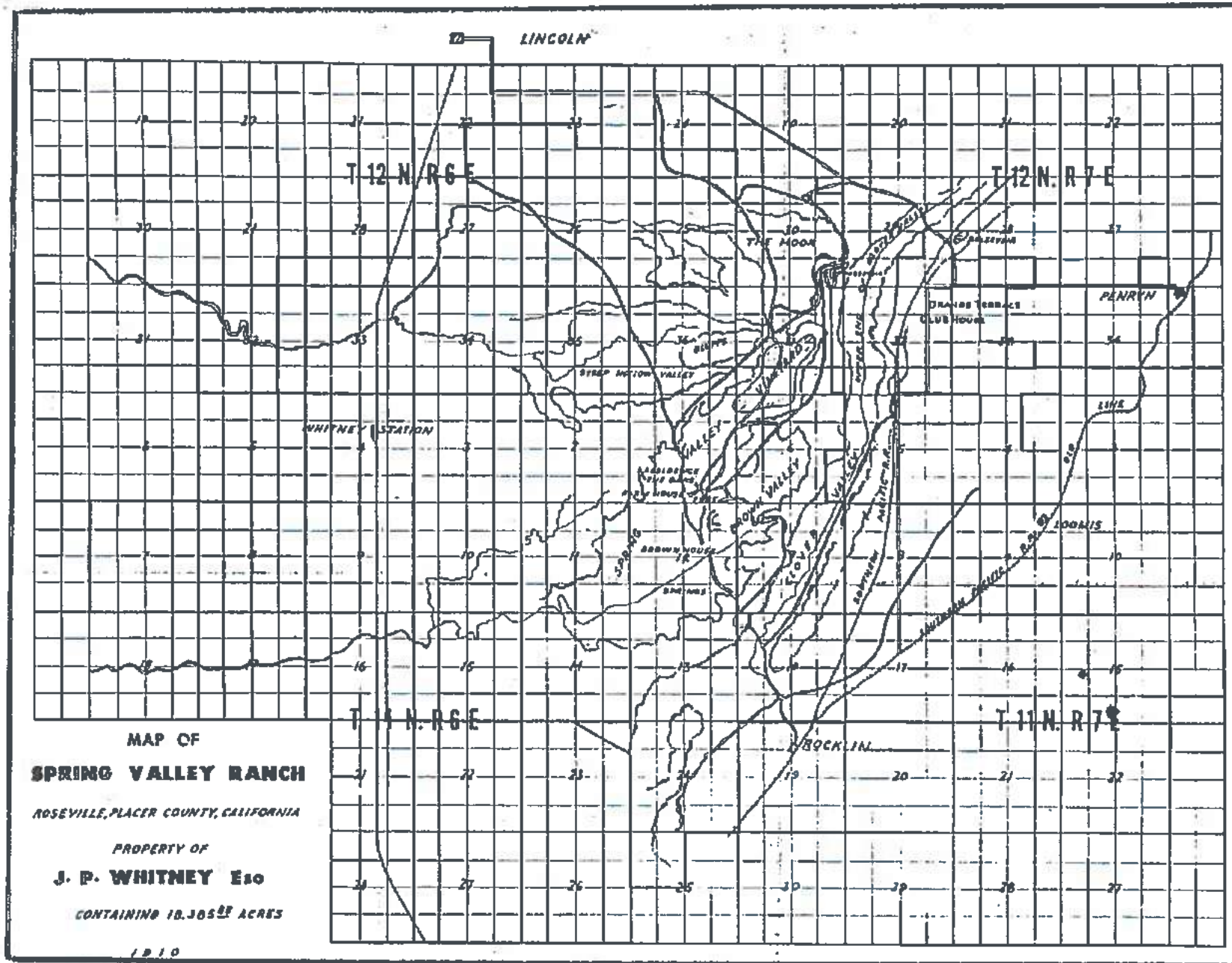


FIGURE 17

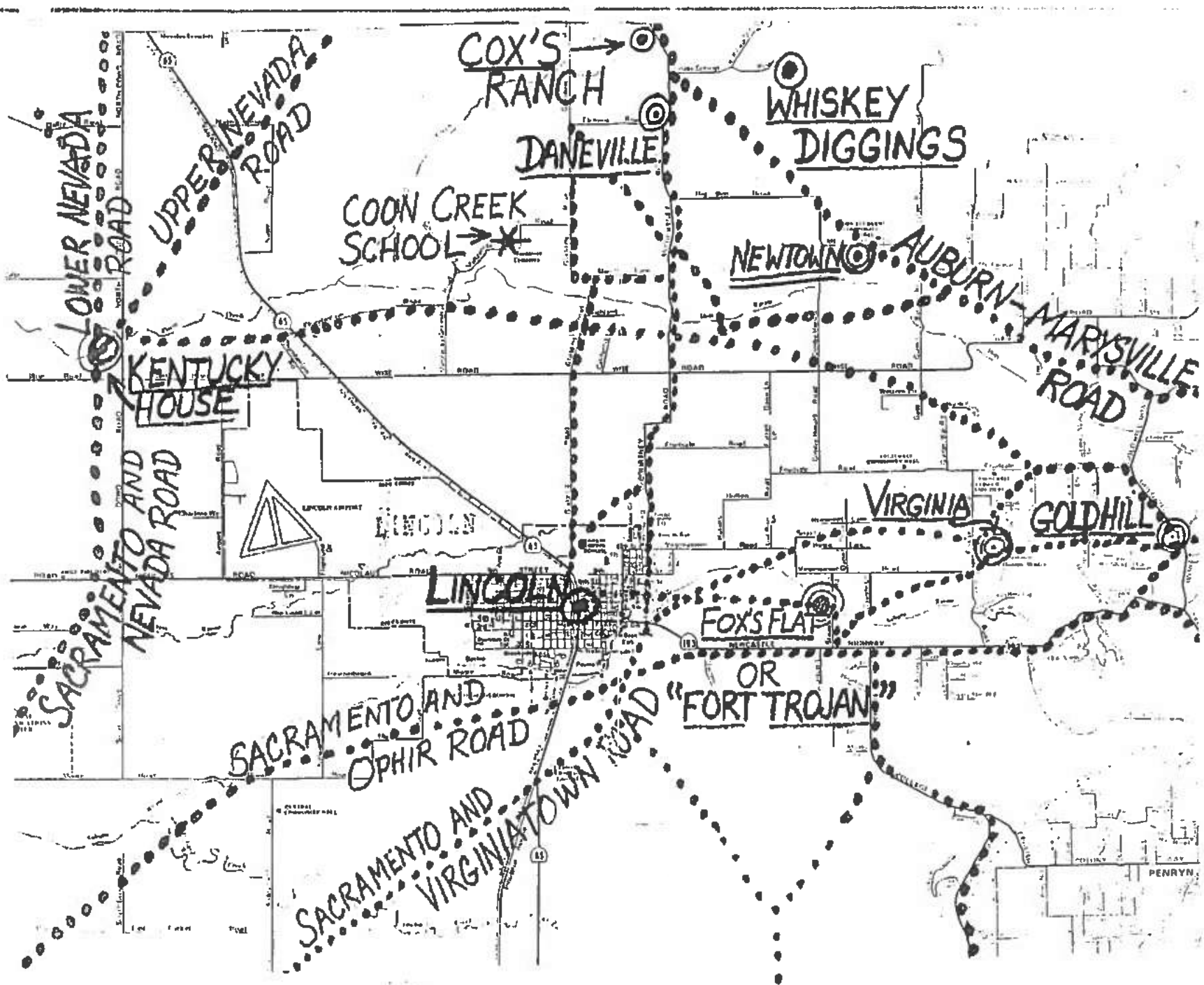


FIGURE 16: Early transportation routes within the Lincoln Sphere (map courtesy of Terry Logan)

ARCHAEOLOGICAL COVERAGE LINDESTROM 1989








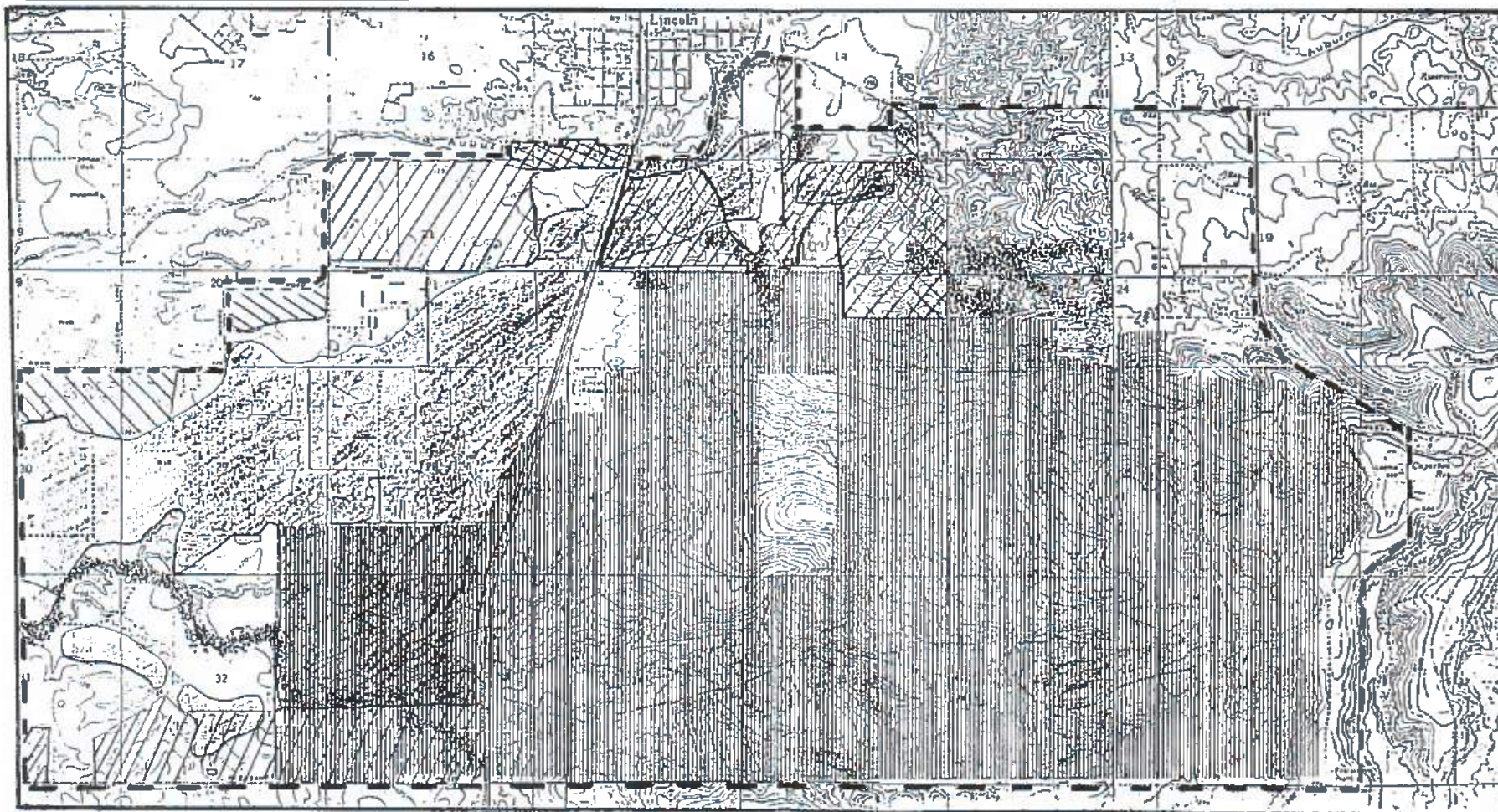
-  Intuitive Controlled (25-meter interval)
-  General (50-meter interval)
-  General (75 to 100-meter interval)
-  General (175-200-meter interval)
-  Non-coverage
-  Cultivated pasture or croplands
-  Prior Coverage

FIGURE 18a. Archaeological Coverage Map
Lincoln Sphere



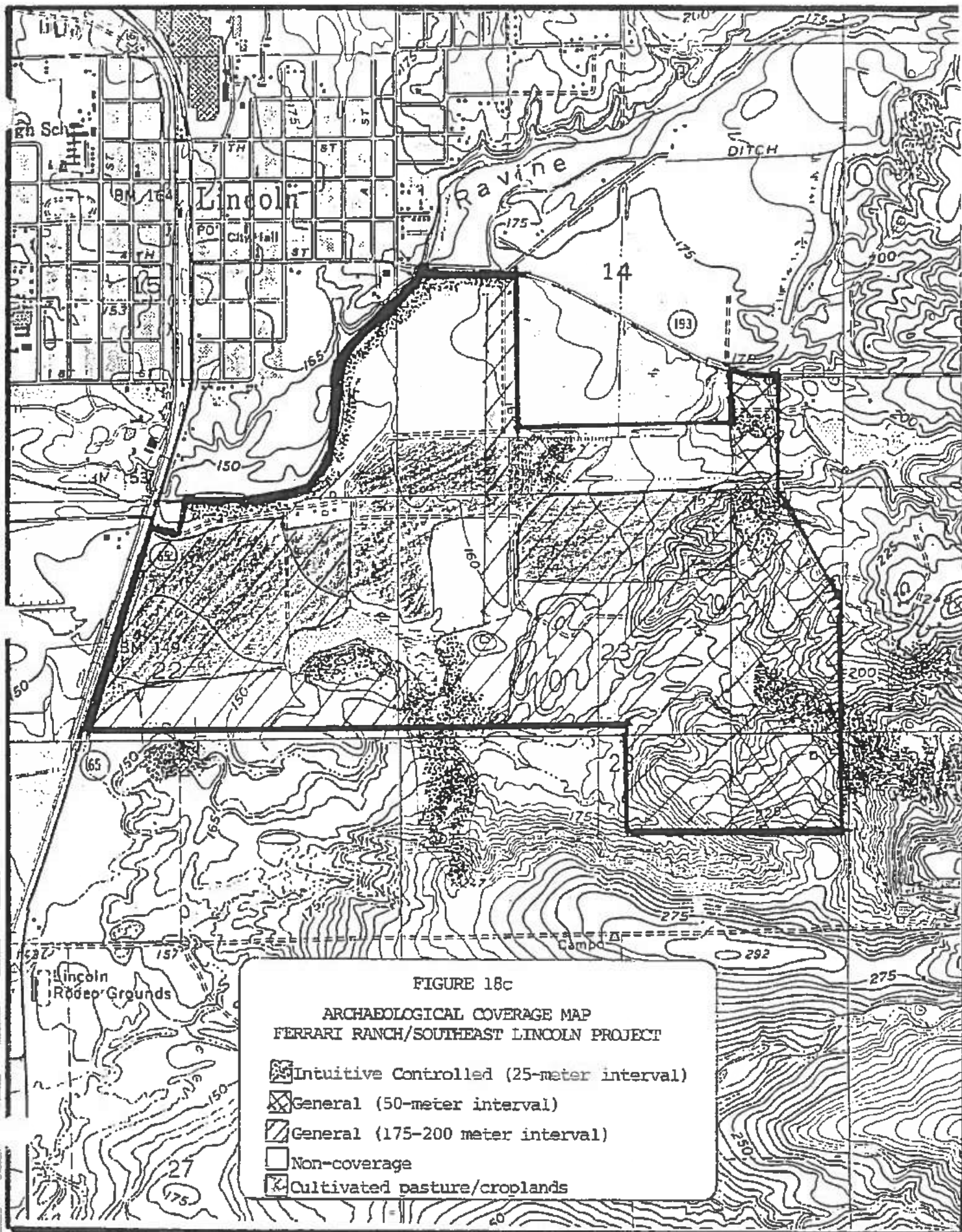







FIGURE 184

ARCHAEOLOGICAL COVERAGE MAP
LINCOLN CROSSING

-  General (50-meter interval)
-  General (75 to 100-meter interval)
-  General (175 to 200-meter interval)
-  Non-coverage
-  Cultivated pasture or croplands

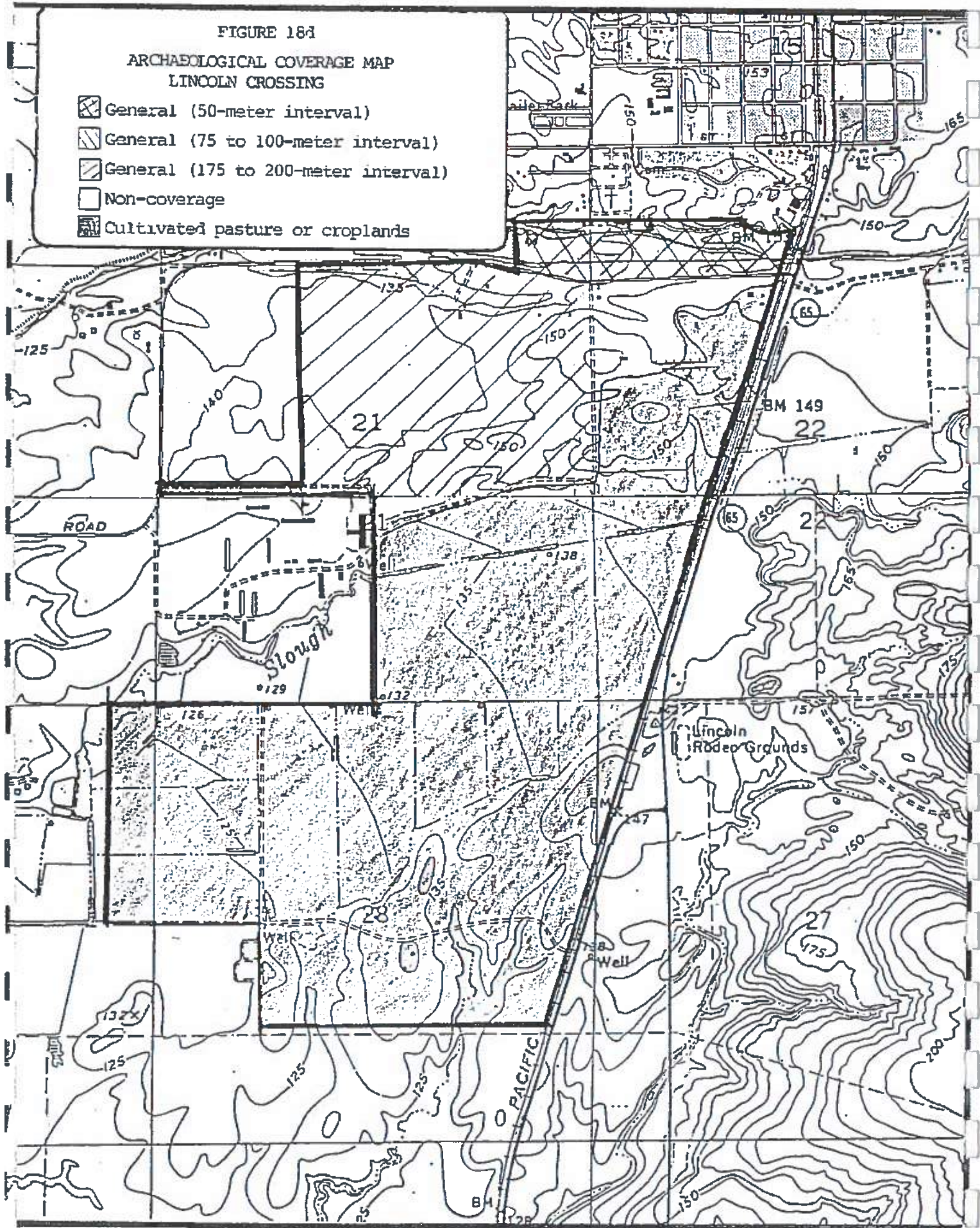


Figure 18c. Placer Ranch (Southeast Lincoln Sphere) Foster et al 1986:17

ARCHEOLOGICAL

SURVEY

COVERAGE

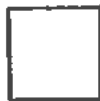
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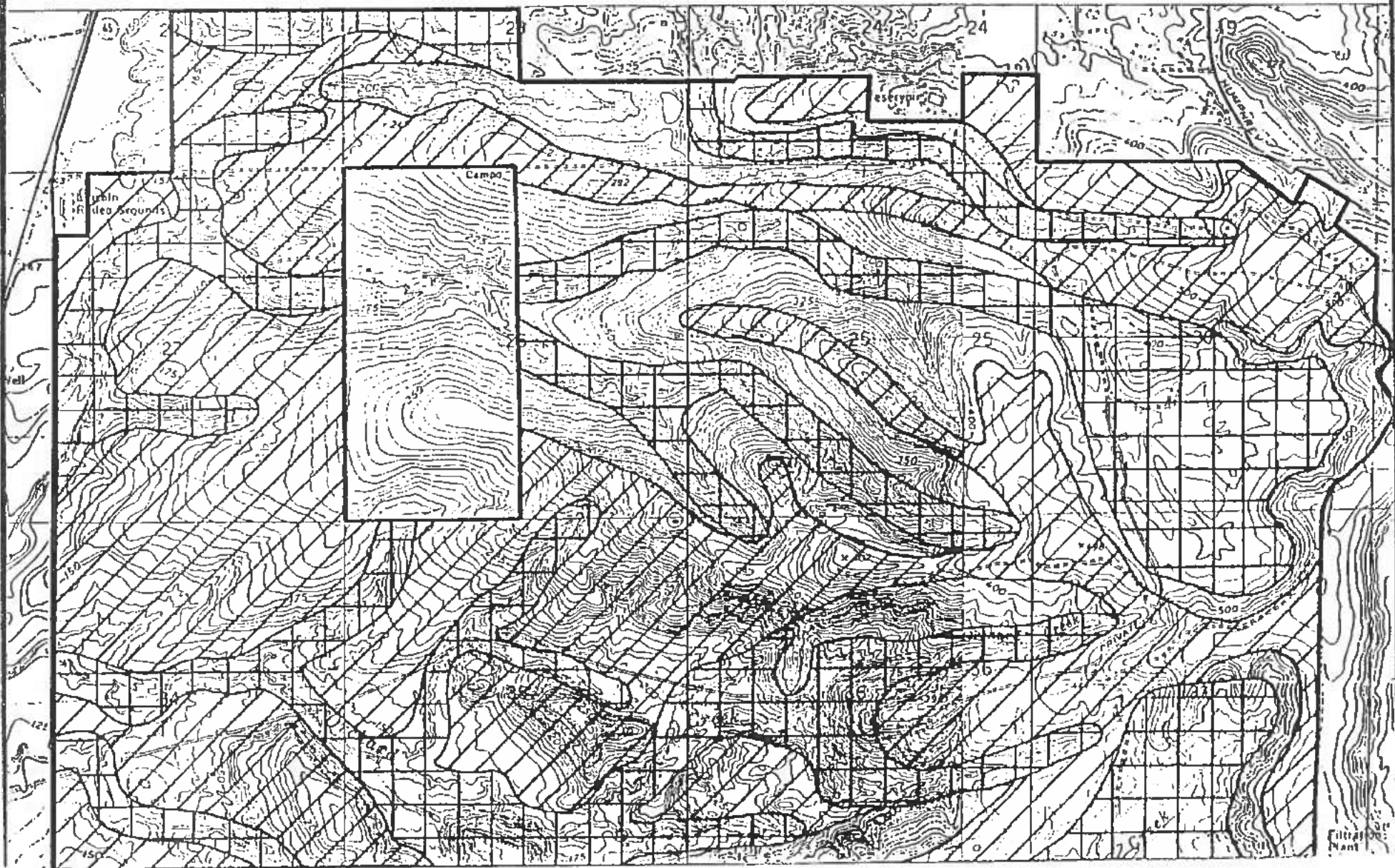
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MODERATE



LOW



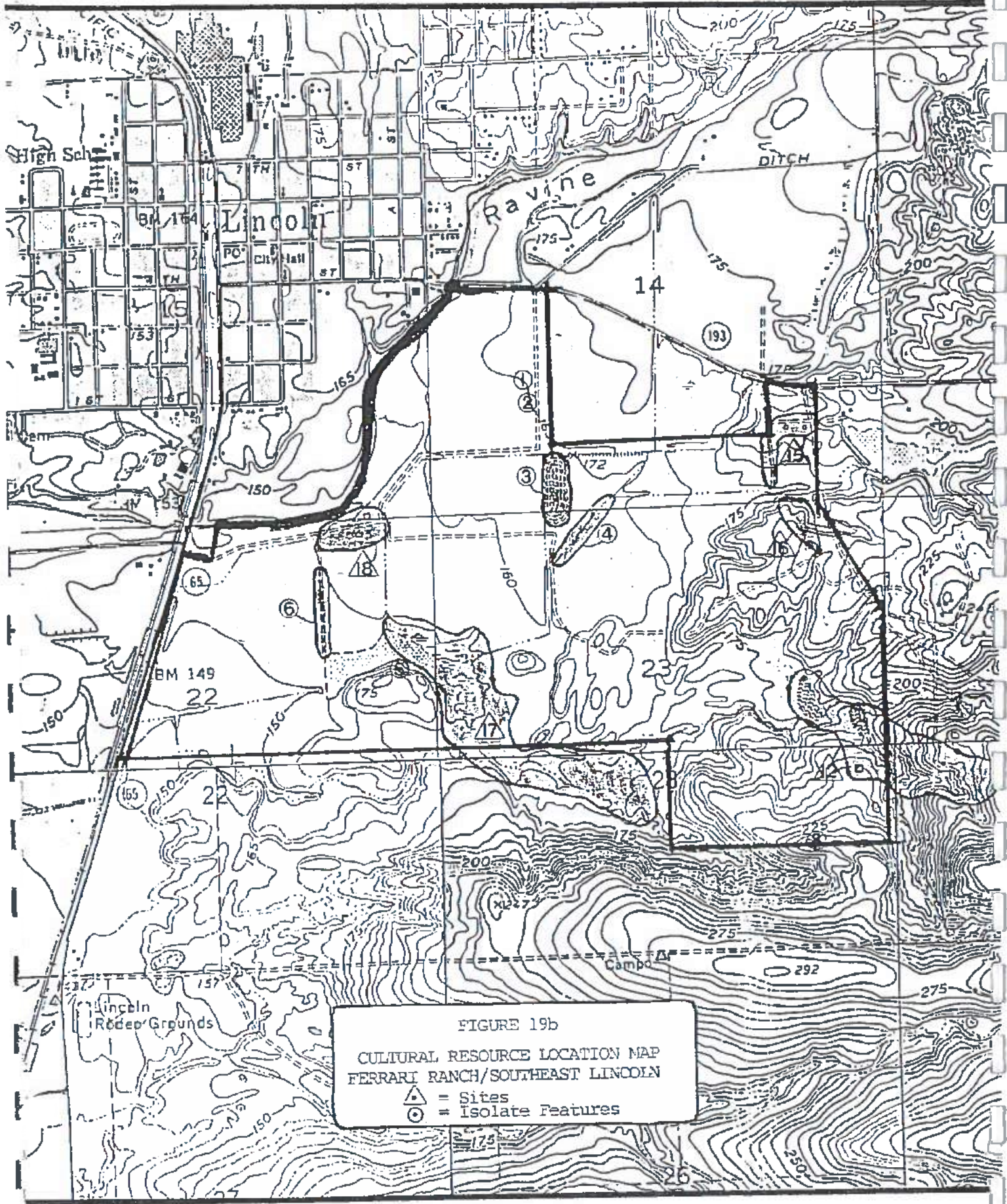
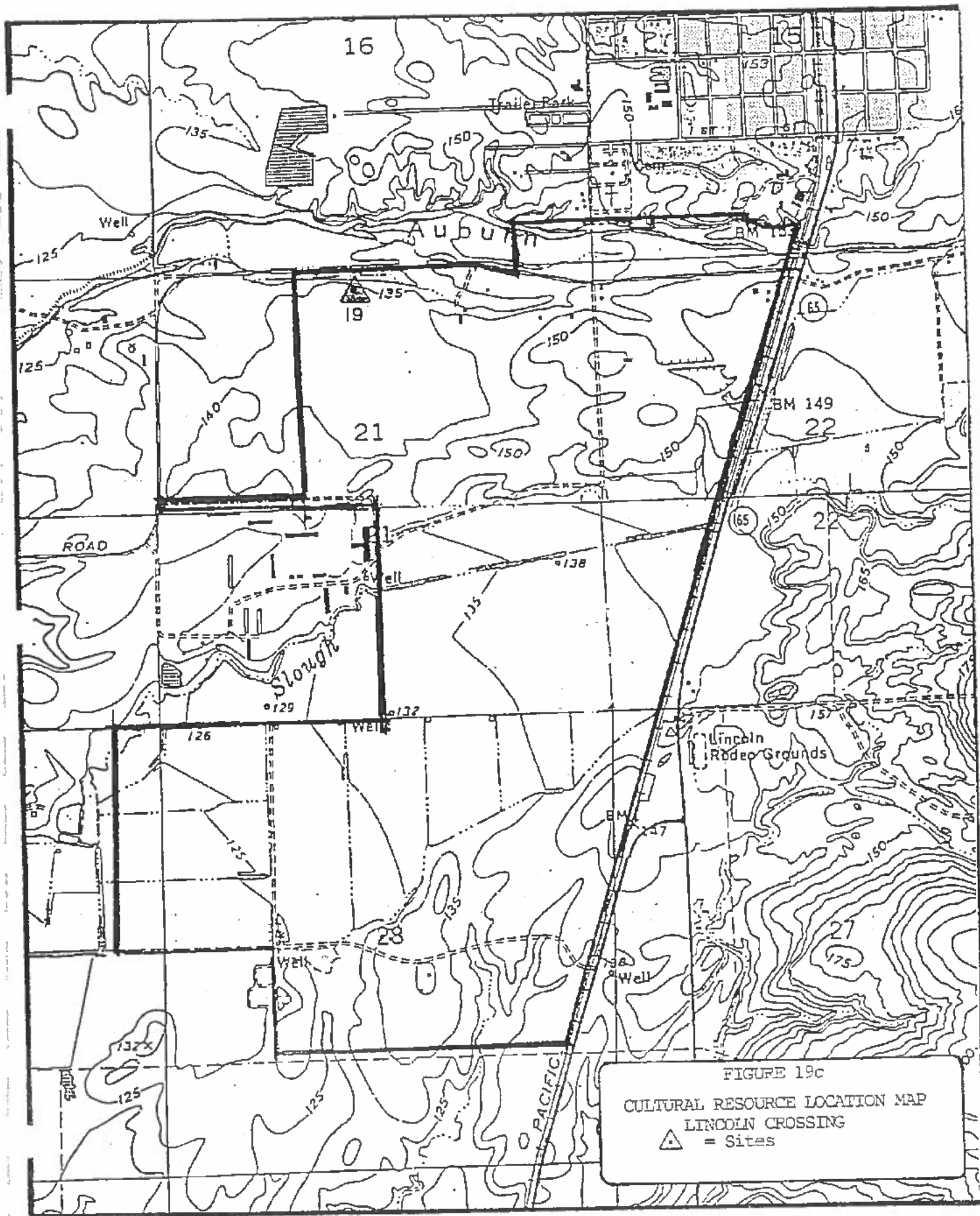


FIGURE 19b
 CULTURAL RESOURCE LOCATION MAP
 FERRARI RANCH/SOUTHEAST LINCOLN
 ▲ = Sites
 ○ = Isolate Features



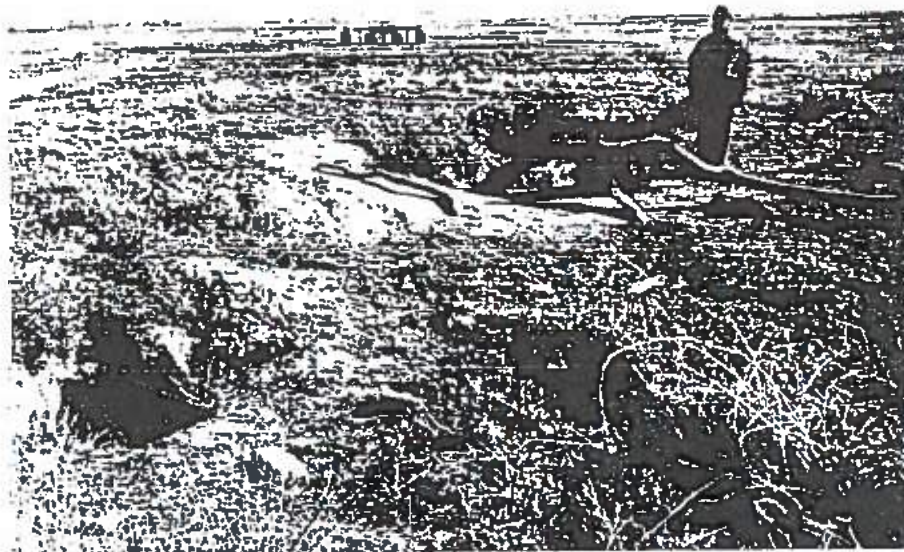


FIGURE 22. Remains of the J. Orchard homesite (Site 20).

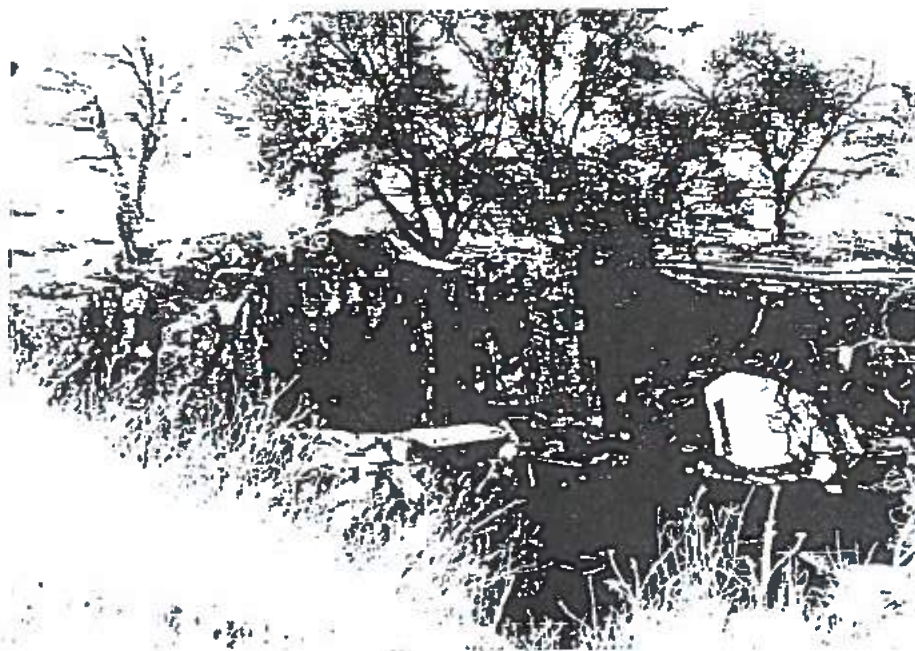


FIGURE 23. Granite Quarry (Site 2H).

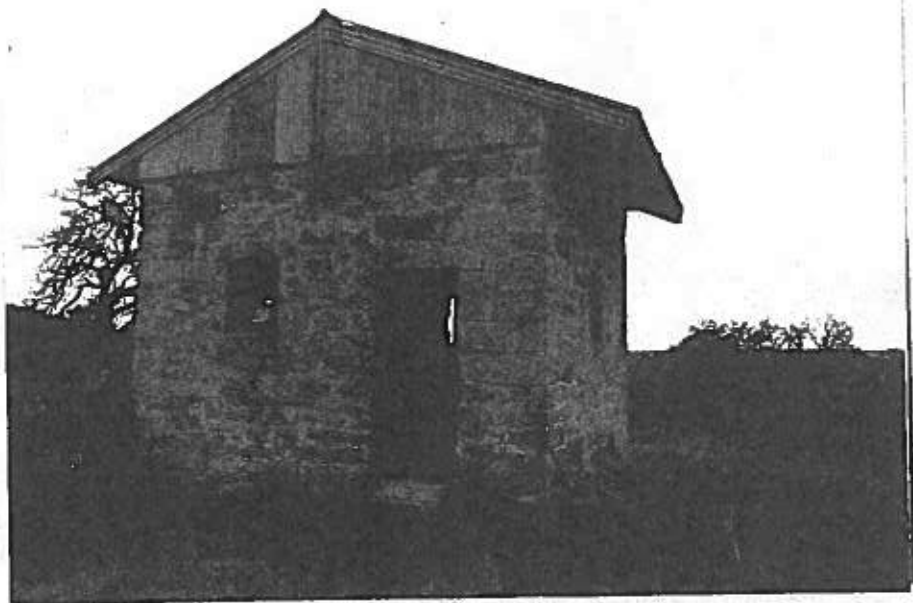


FIGURE 20. Quarried stone structure at Site 16.

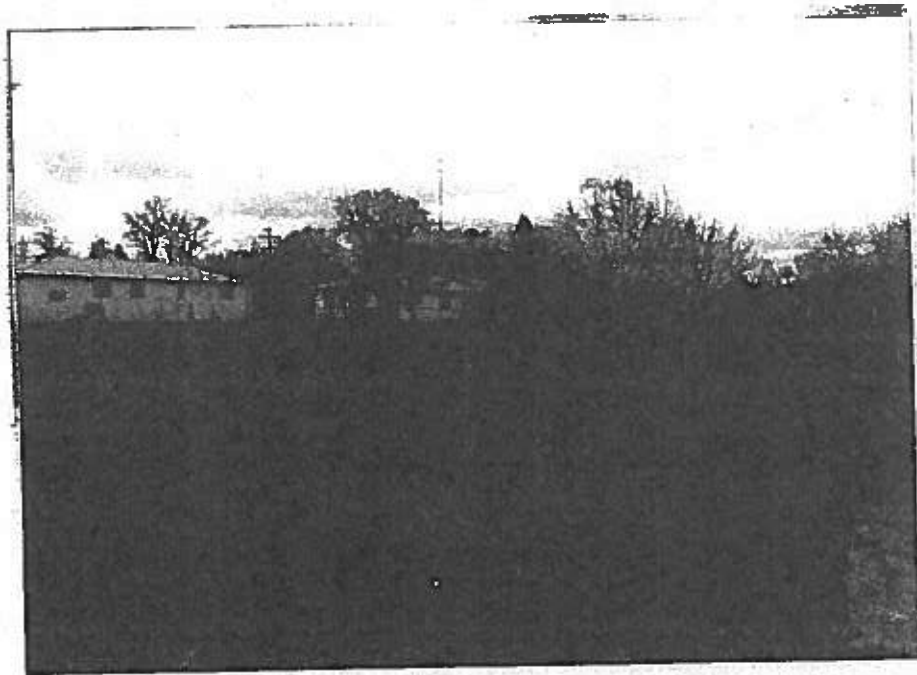


FIGURE 21. Ferrari Ranch (Site 18).

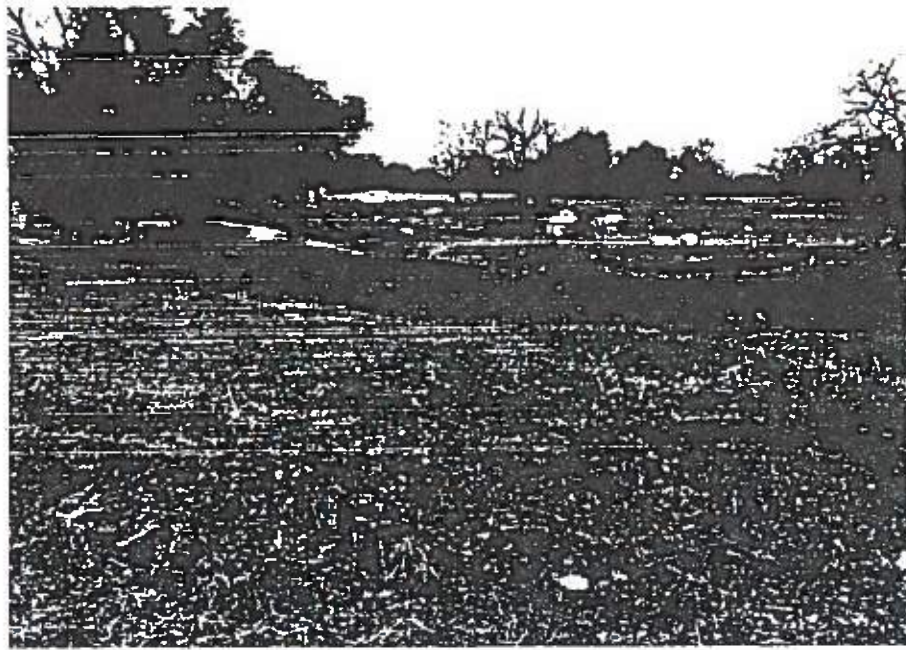


FIGURE 24. Earthen berm reservoir within the eastern Lincoln Sphere. Associated ditch in foreground. Note the mature growth of oaks in the earthen dam.

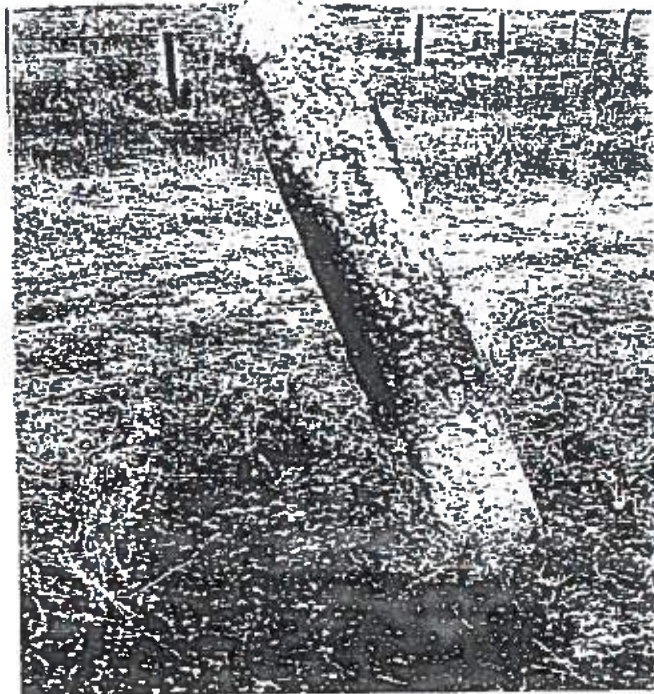


FIGURE 25. Quarried post on Site 16.



FIGURE 26. Remains of Beerman's slaughter house or "hide pit" (Site 16).

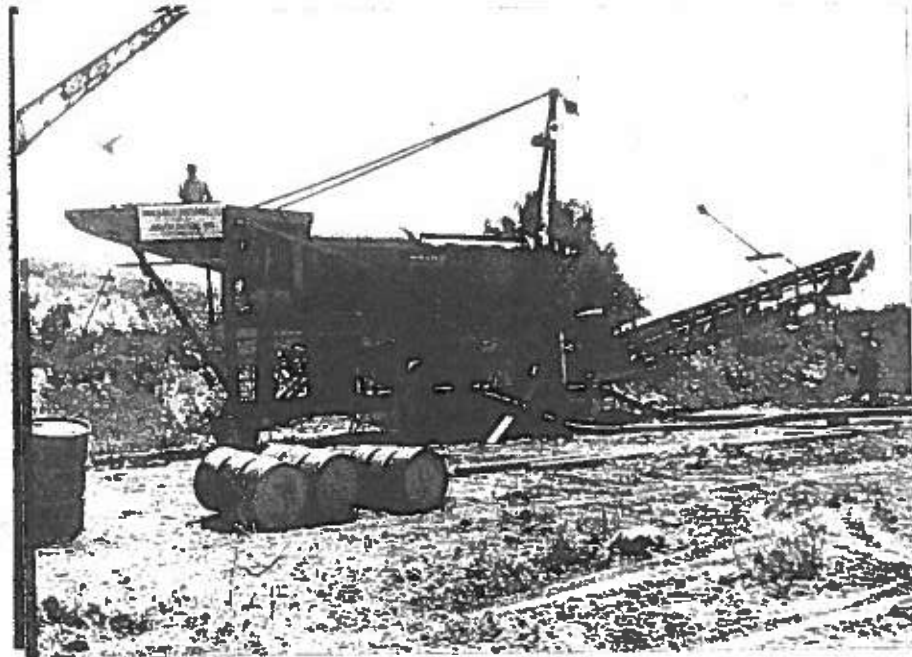


FIGURE 14. Panob Dredging Company used this dry-land dredge washing plant at Lincoln, ca. 1940-1941.

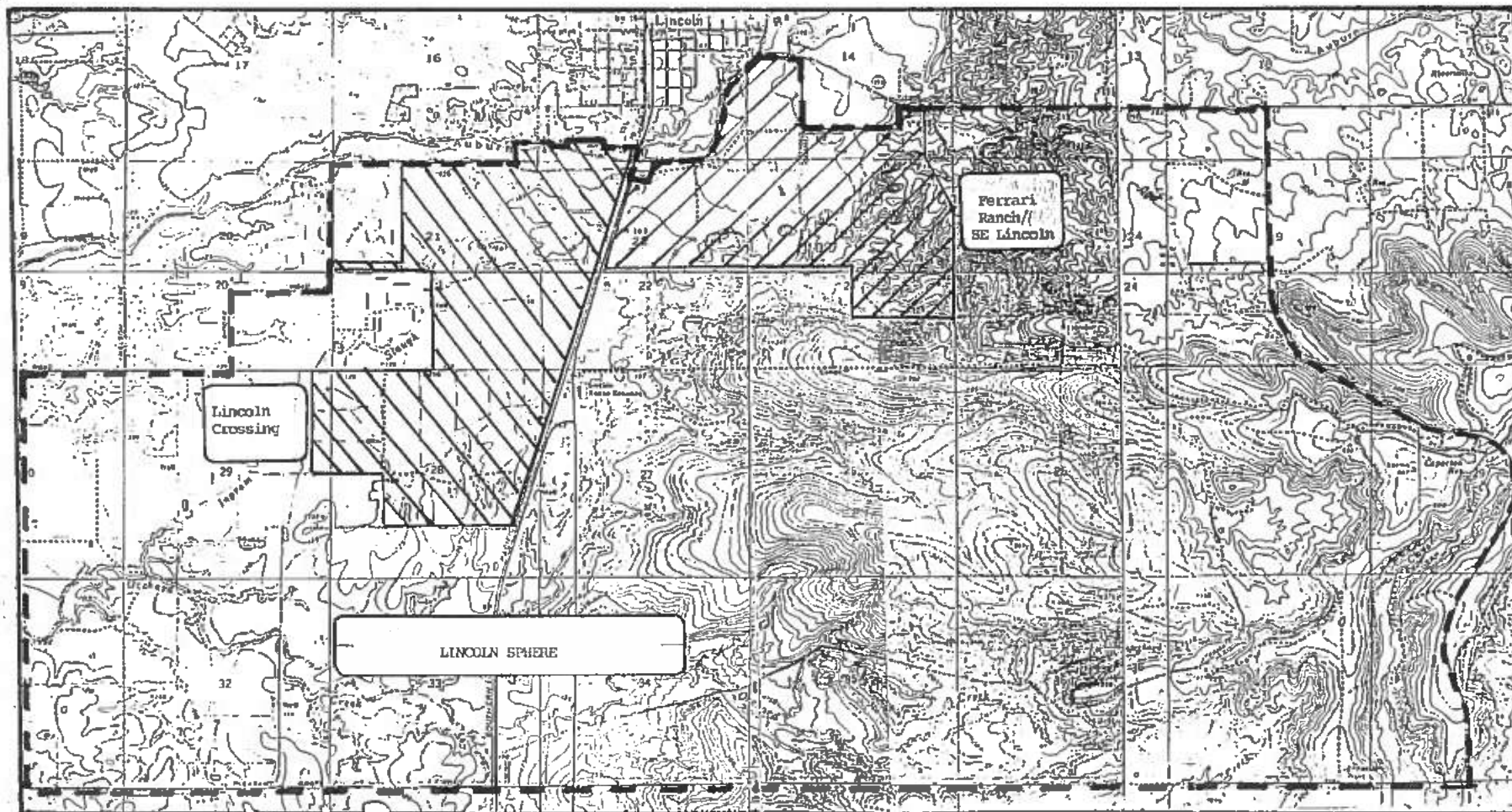


FIGURE 15. Dry-land dredge tailings on the Ferrari Ranch (site 12); quarried granite foundations (foreground) are of unknown origin.

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FIGURE 2a
PROJECT LOCATION MAP



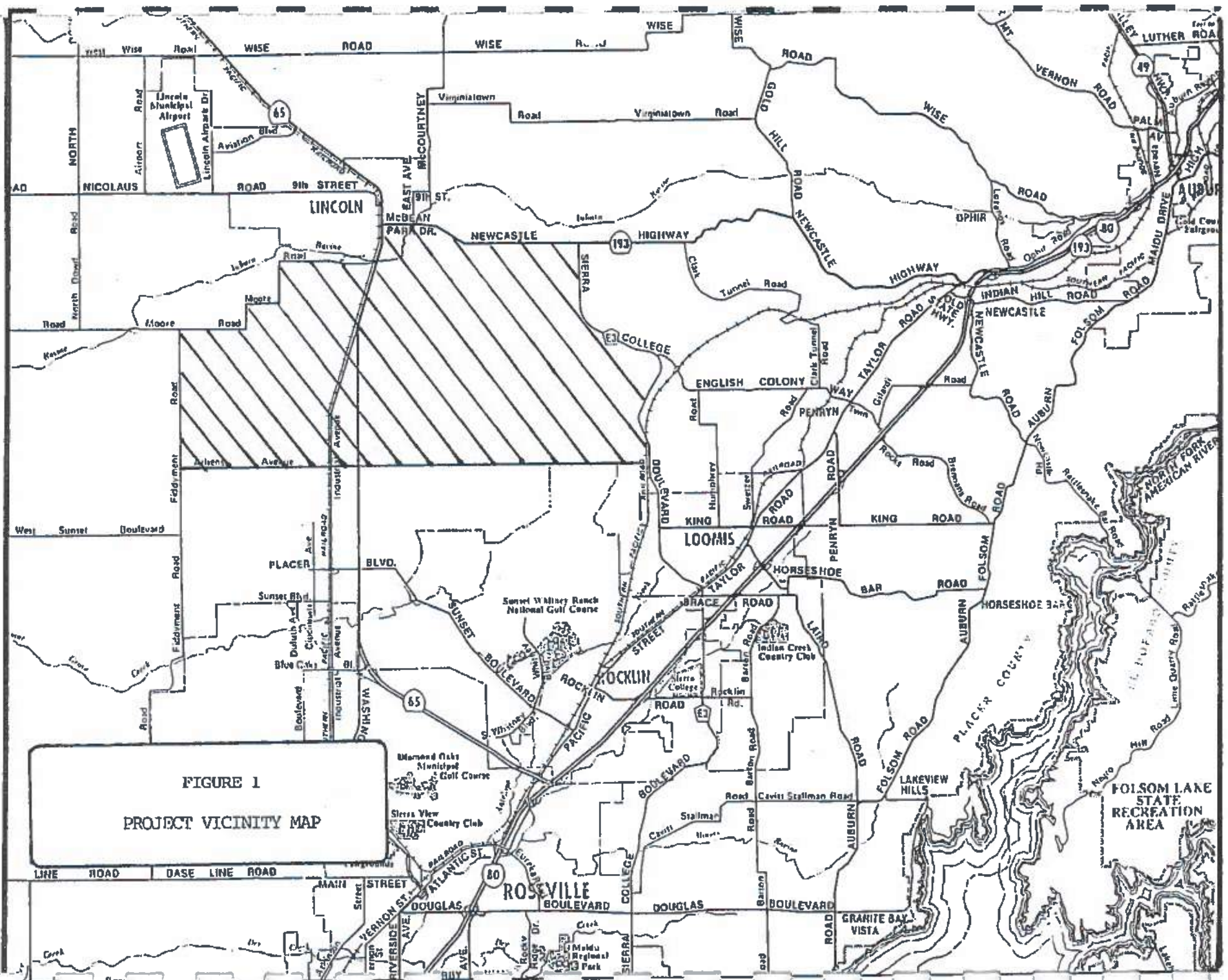


FIGURE 1
PROJECT VICINITY MAP

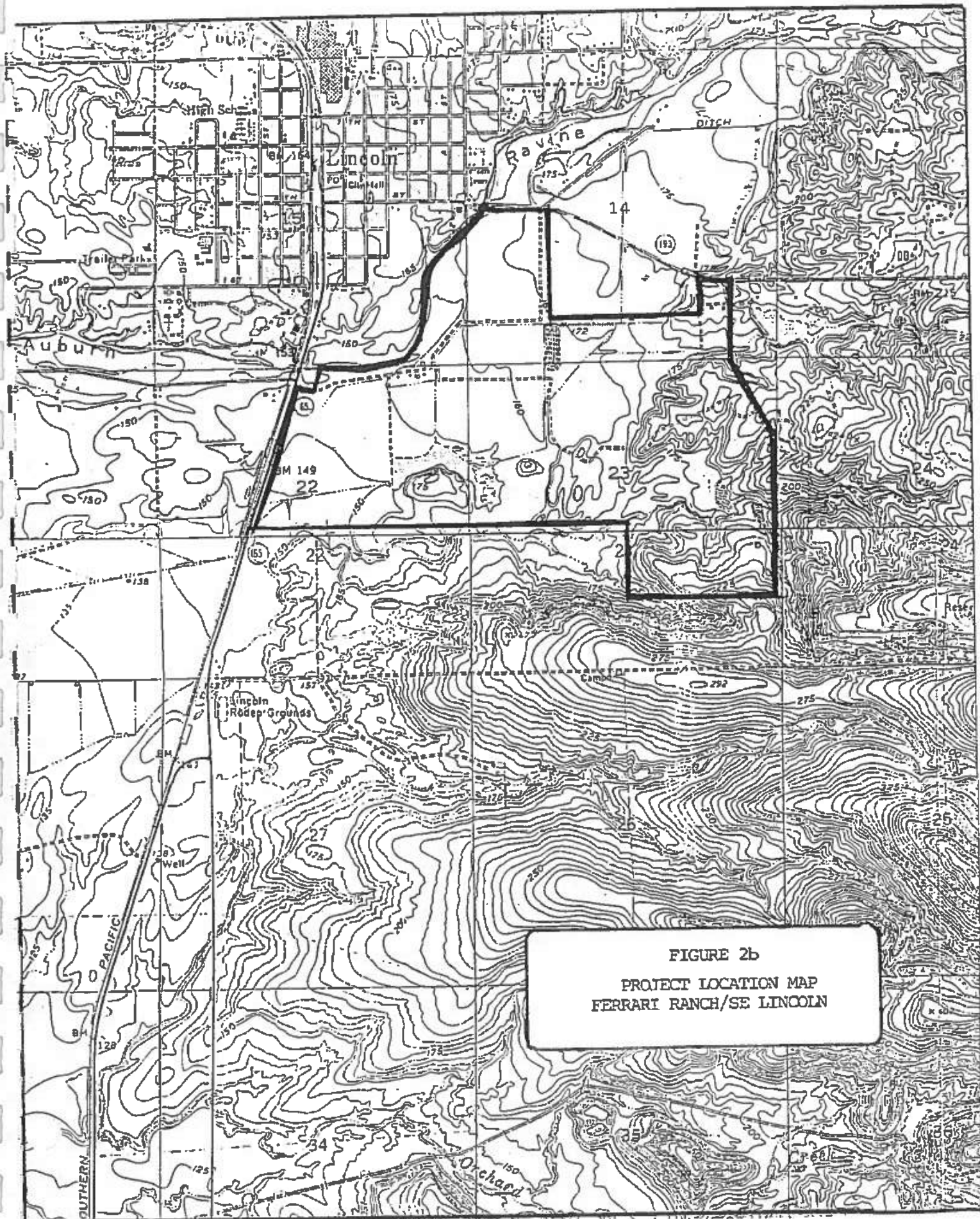


FIGURE 2b
PROJECT LOCATION MAP
FERRARI RANCH/SE LINCOLN

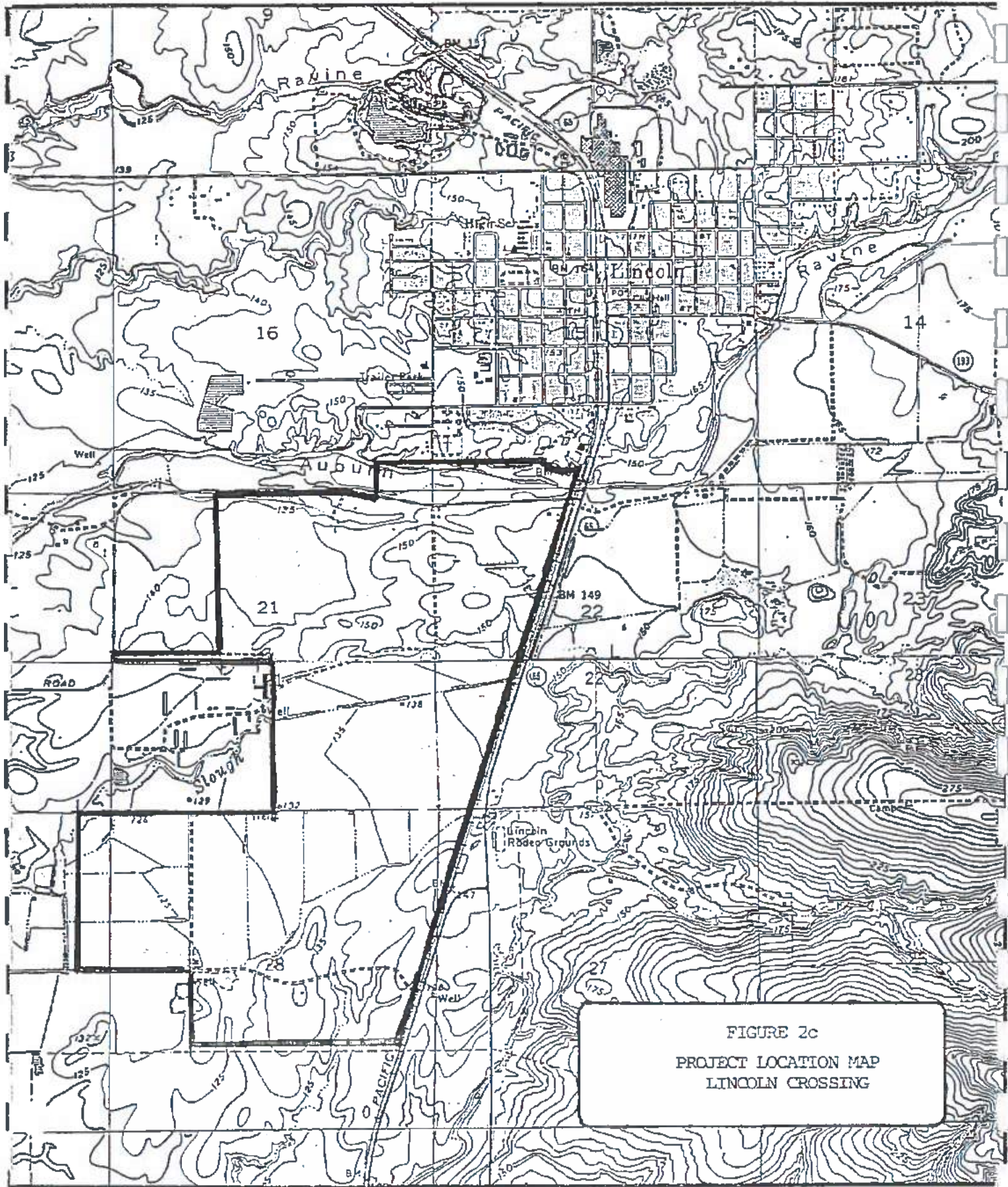


FIGURE 2c
PROJECT LOCATION MAP
LINCOLN CROSSING

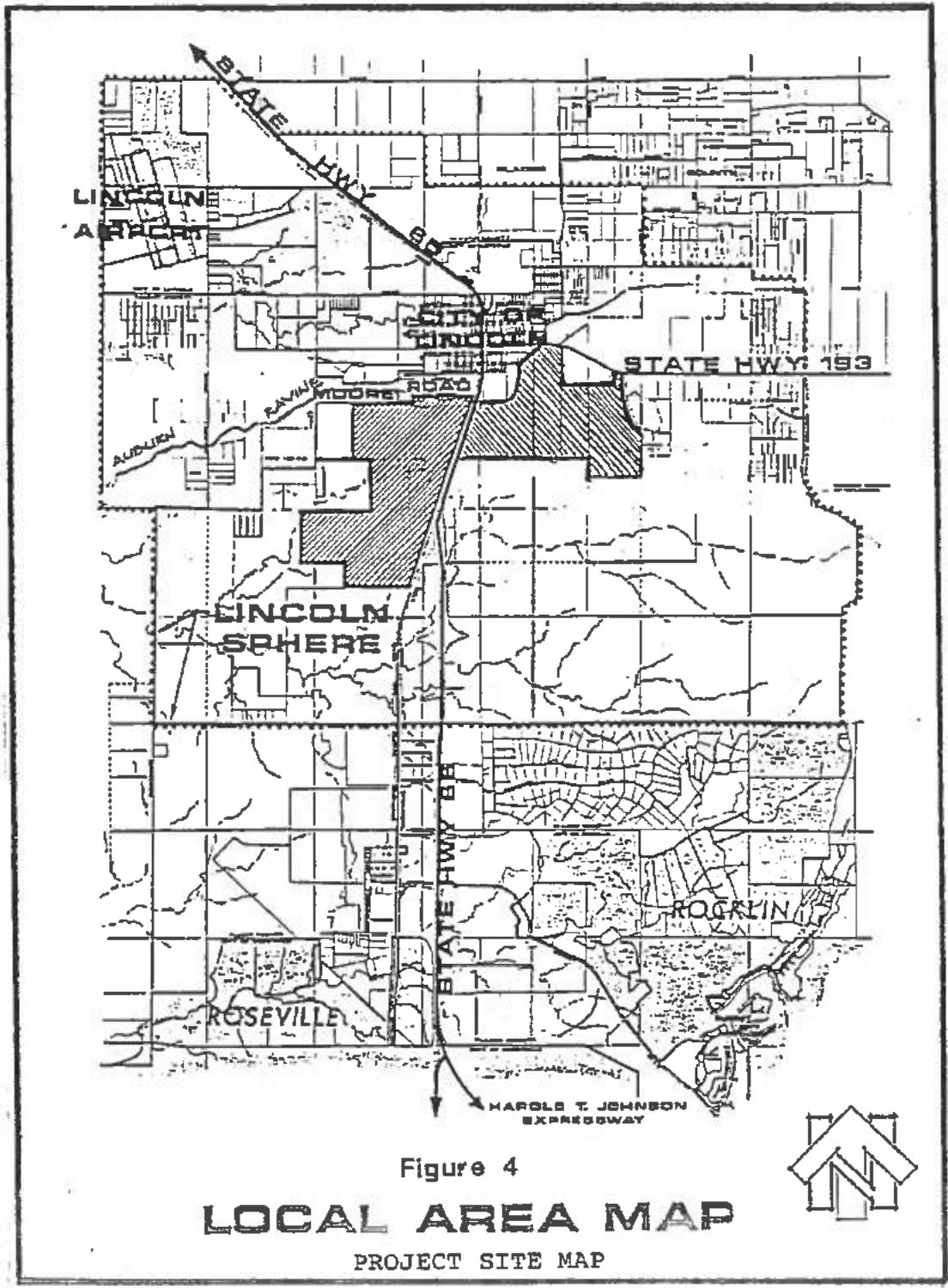


Figure 4

LOCAL AREA MAP

PROJECT SITE MAP



Figure 5

MAJOR DEVELOPMENT PROJECTS

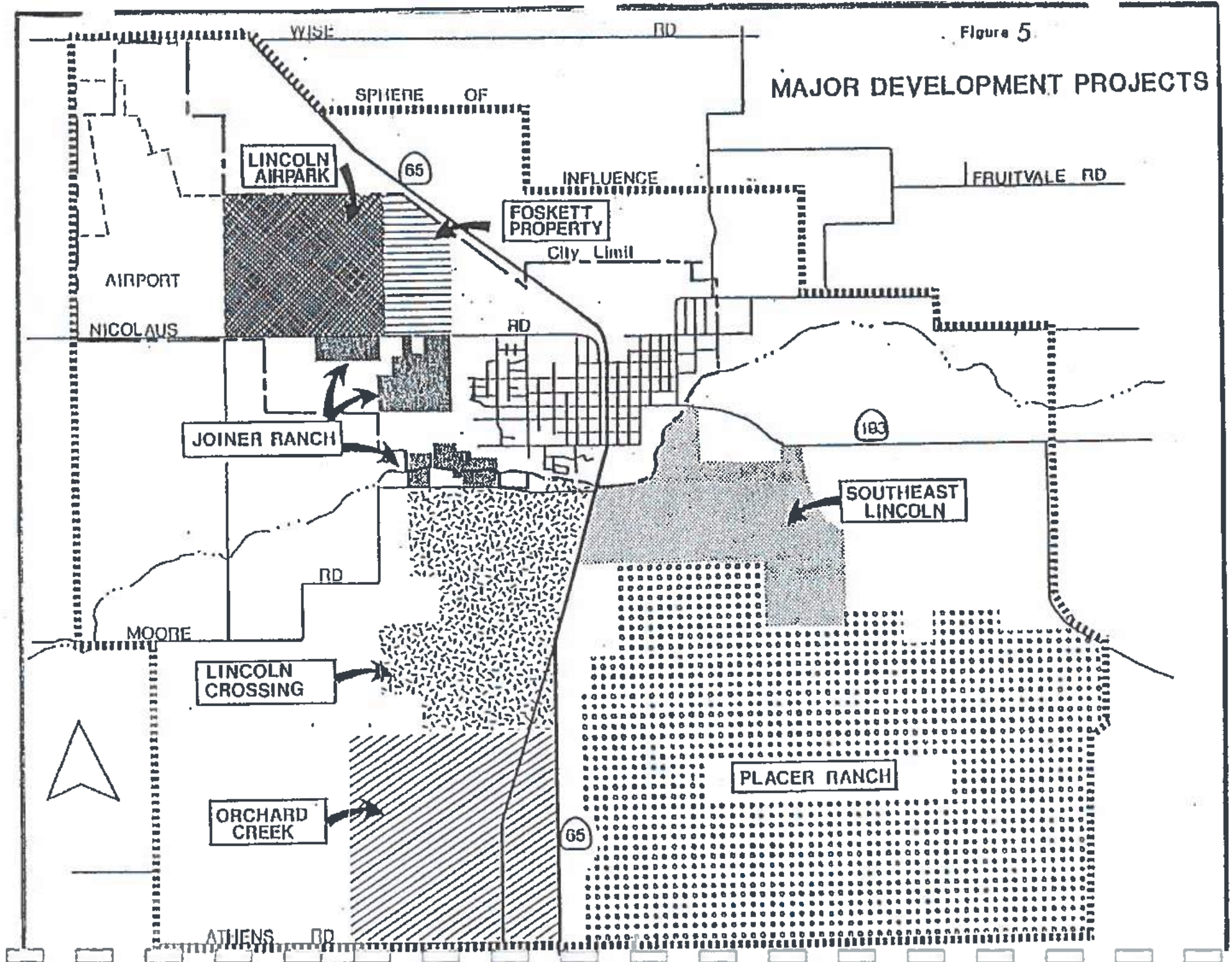


FIGURE 6

WOMAN POUNDING ACORNS



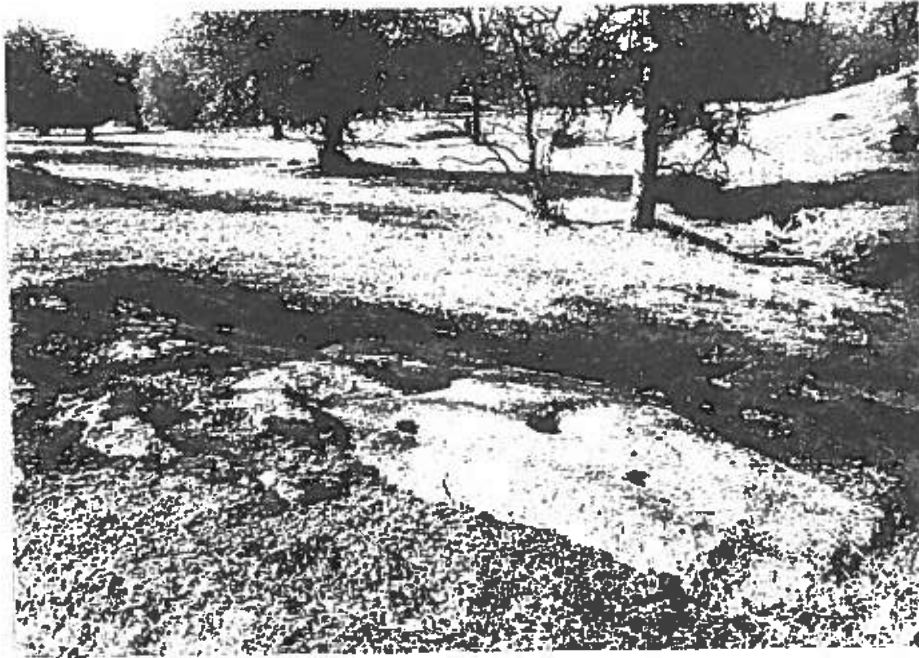


FIGURE 7. Typical bedrock mortar feature found within Lincoln Sphere.

FIGURE 8



New diggings struck



Next day

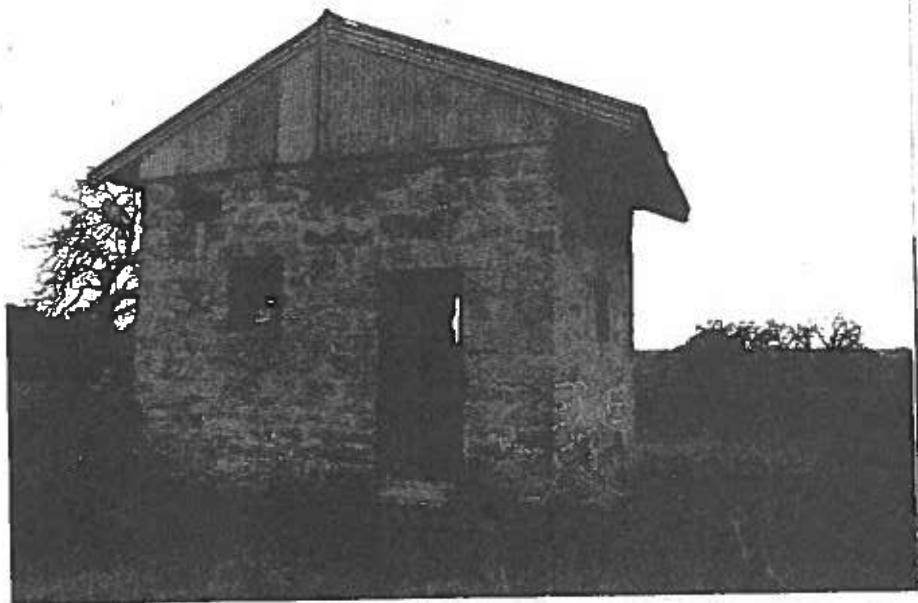


FIGURE 20. Quarried stone structure at Site 16.

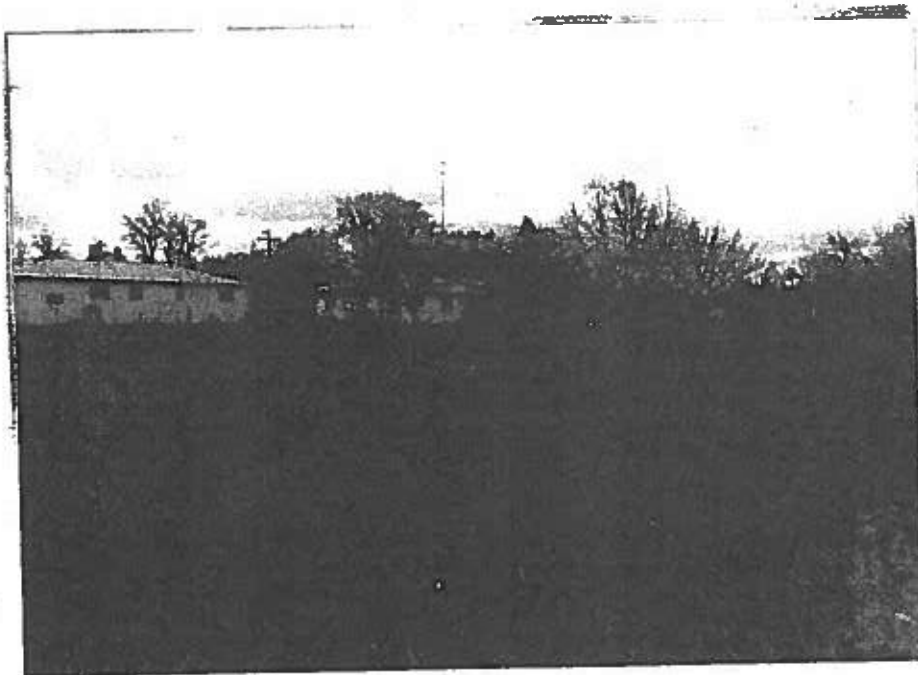


FIGURE 21. Ferrari Ranch (Site 18).

APPENDIX

Archaeological Site Survey Records

Archaeological Photographic Records

Correspondence, North Central Information Center, CSUS

(Note: This appendix contains confidential information and should not be distributed to the general public.)

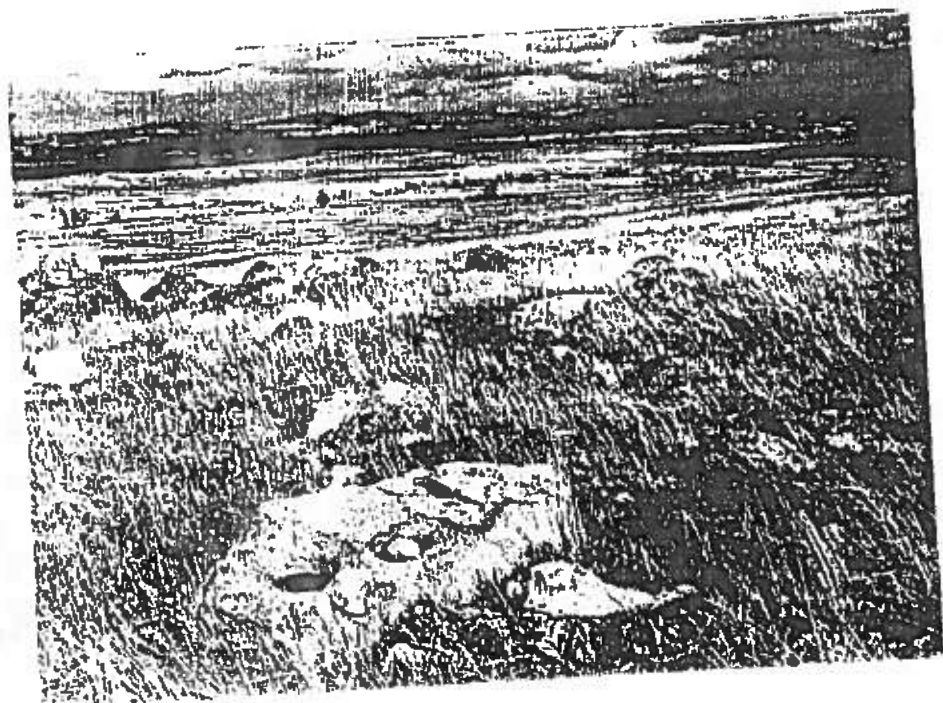
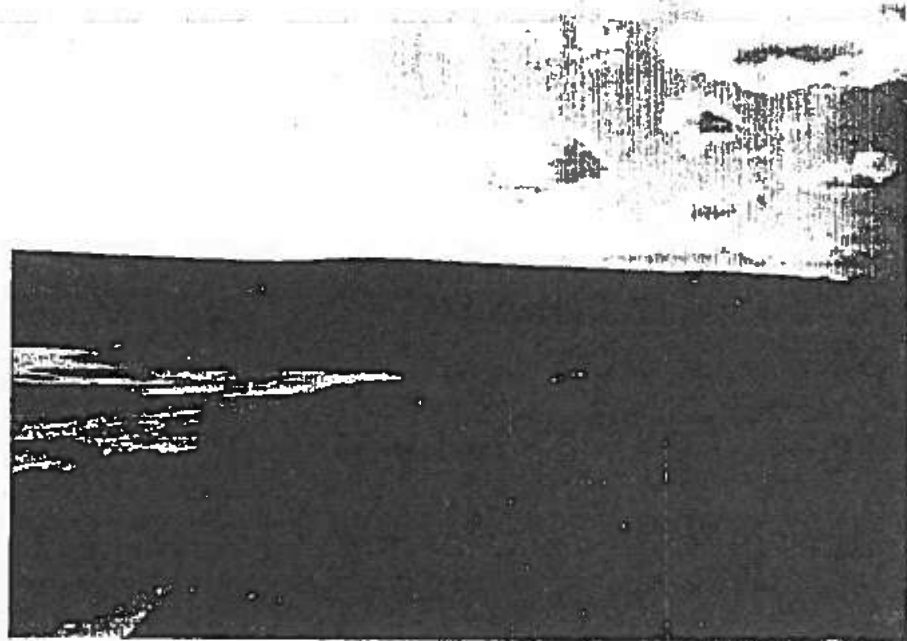
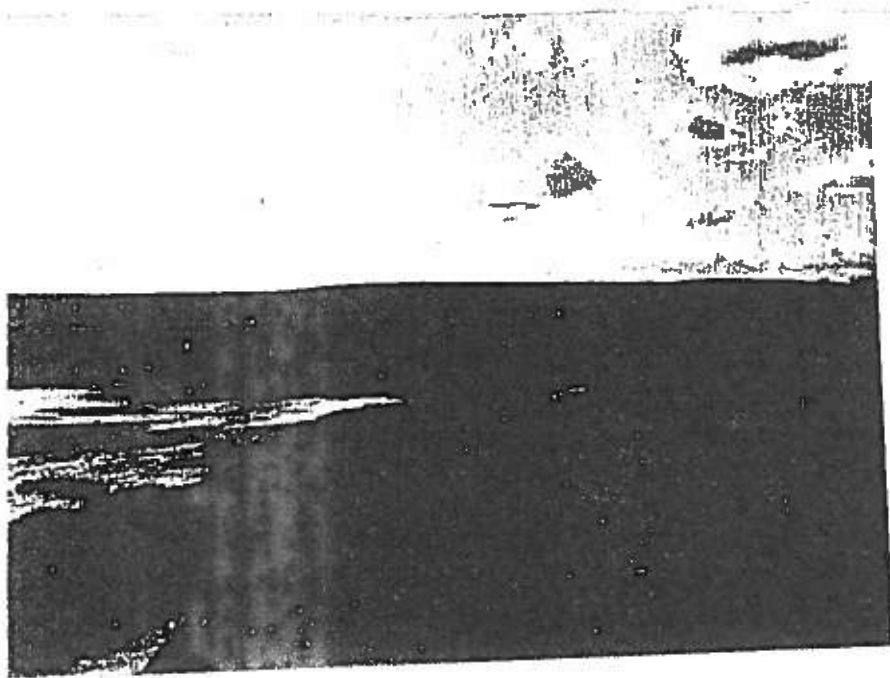
ARCHEOLOGICAL PHOTOGRAPHIC
RECORD

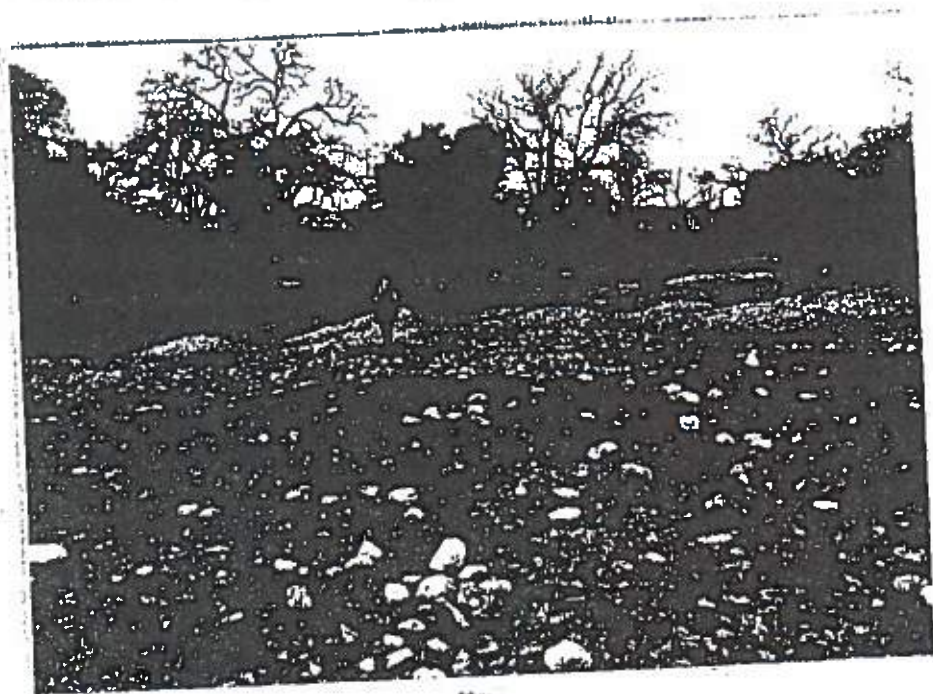
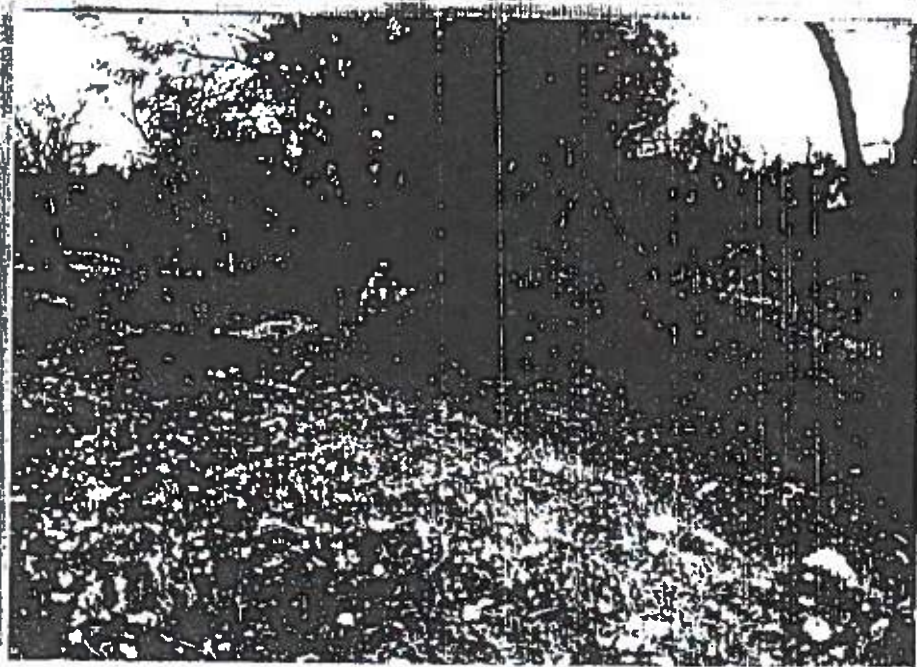
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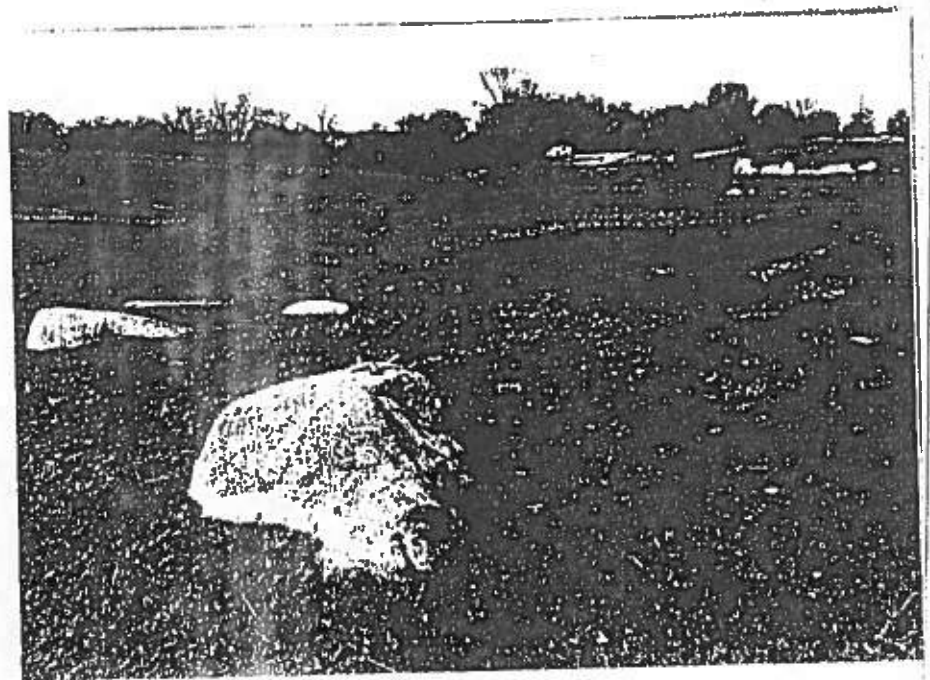
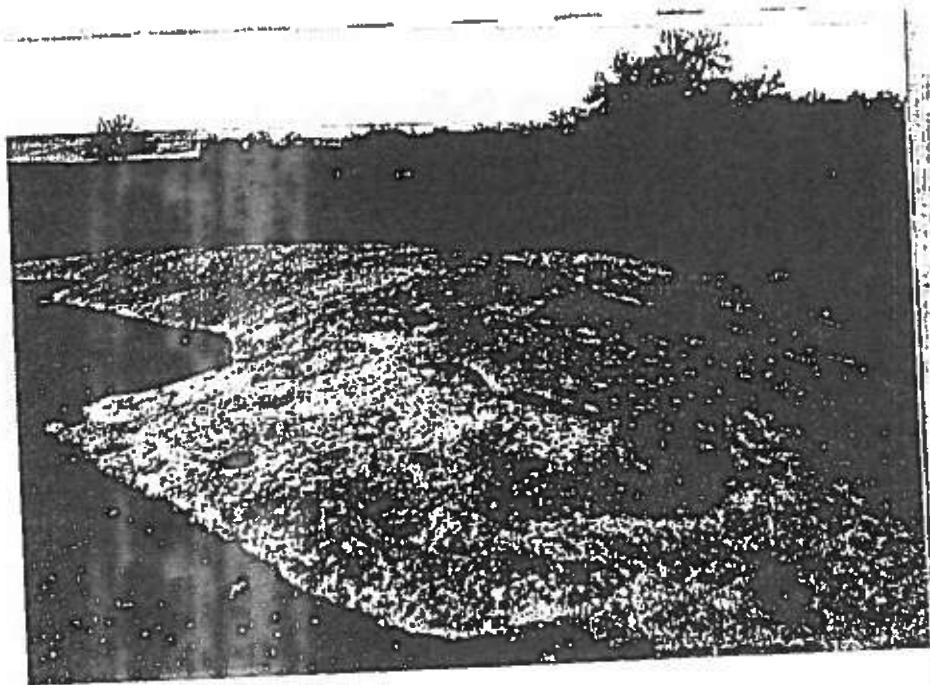
ROLL 1: B&W

Temporary Number: Lincoln Sphere Project

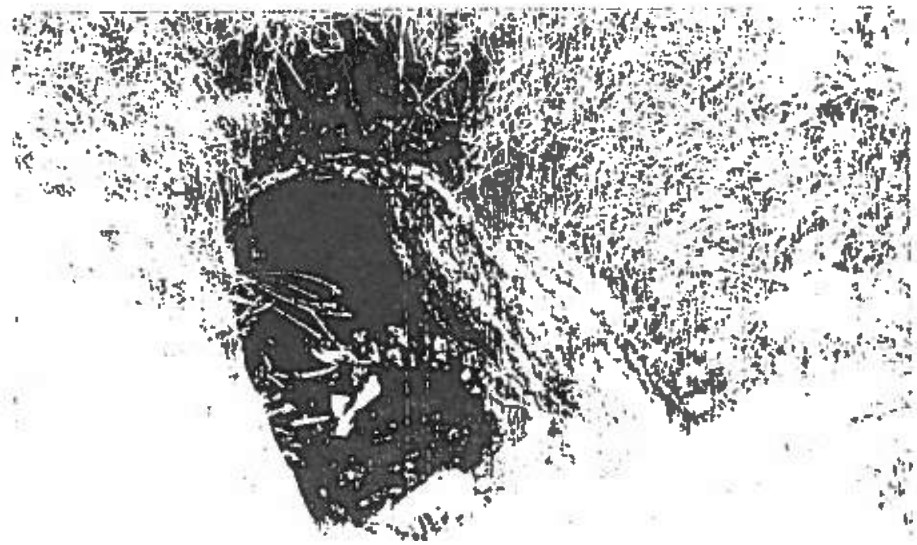
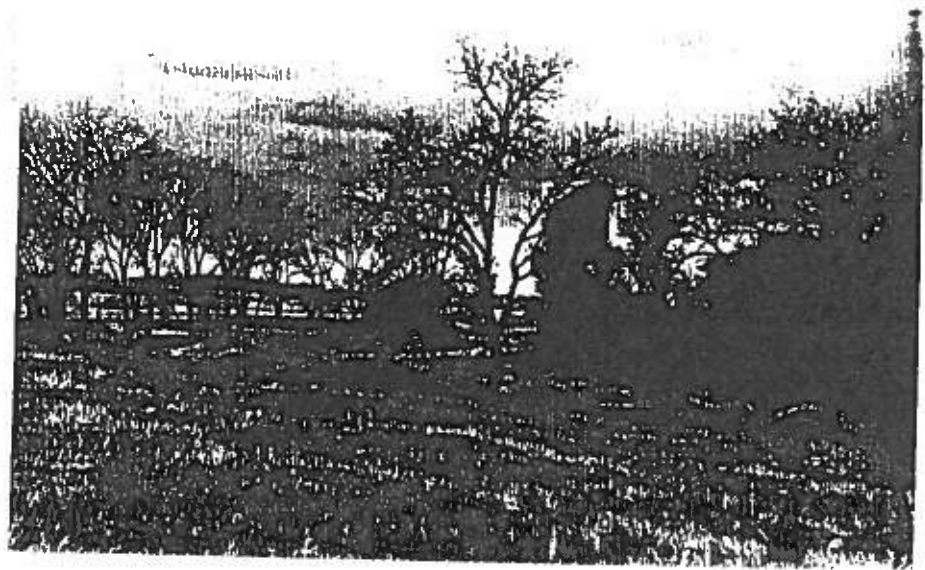
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"	"	"	1	"	"	"
"	"	"	2	BRM overlooking salt marsh (Poster et al 1986; Site 28)	NE	-
"	"	"	4	Ferrari Ranch overview	N	LS-18
"	"	"	3	BRM overlooking salt marsh (Poster Site 28)	SW	LS-17
"	"	"	5	Ferrari Ranch overview	N	LS-18
"	"	"	6	Ferrari Ranch - barns	NE	"
"	"	"	7	Ferrari Ranch - residences	NE	"
"	"	"	8	Dry-land dredge tailings	NE	LS-12
"	"	"	9	"	NE	"
"	"	"	10	"	NW	"
"	"	"	12	BRM	W	LS-11
"	"	"	13	"	SW	"
"	"	"	14	BRM	NW	LS-13
"	"	"	15	"	"	"
"	"	"	16	ERM	NW	LS-14
"	"	"	11	Dry-land dredge tailings	NW	LS-12
"	"	pm	17	unidentified quarried granite foundation; note dry-land dredge tailings (back)	E	LS-12
"	"	"	18	"	"	"
"	"	"	19	"	NE	"
"	"	"	20	Dry-land dredge tailings	NW	"
"	"	"	21	"	"	"
"	"	"	22	Dry-land dredge tailings; ditch (?)	W	"
"	"	"	23	mine prospect shaft	S	"











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ARCHEOLOGICAL PHOTOGRAPHIC
RECORD

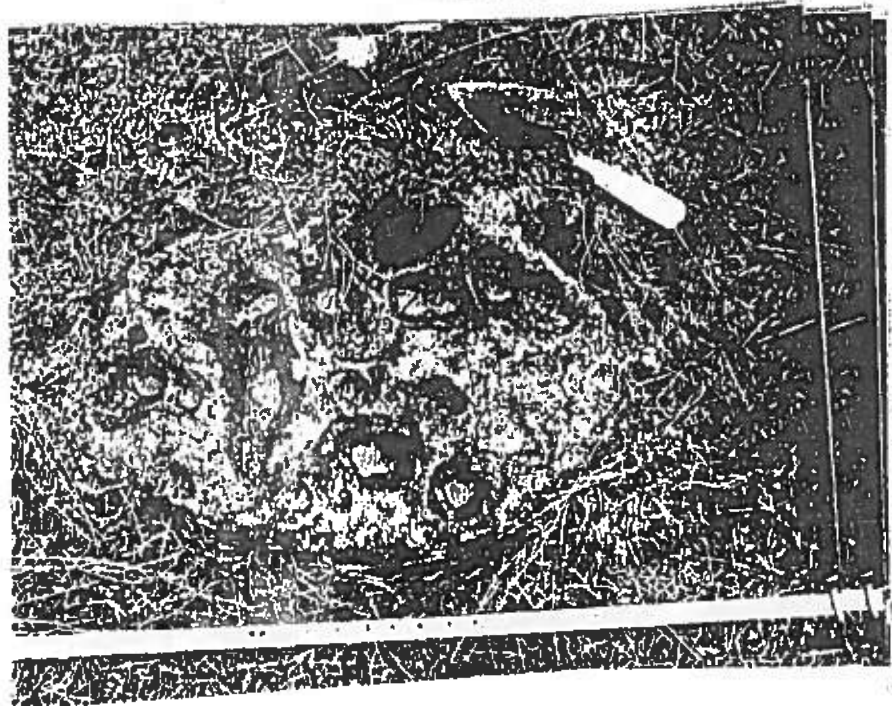
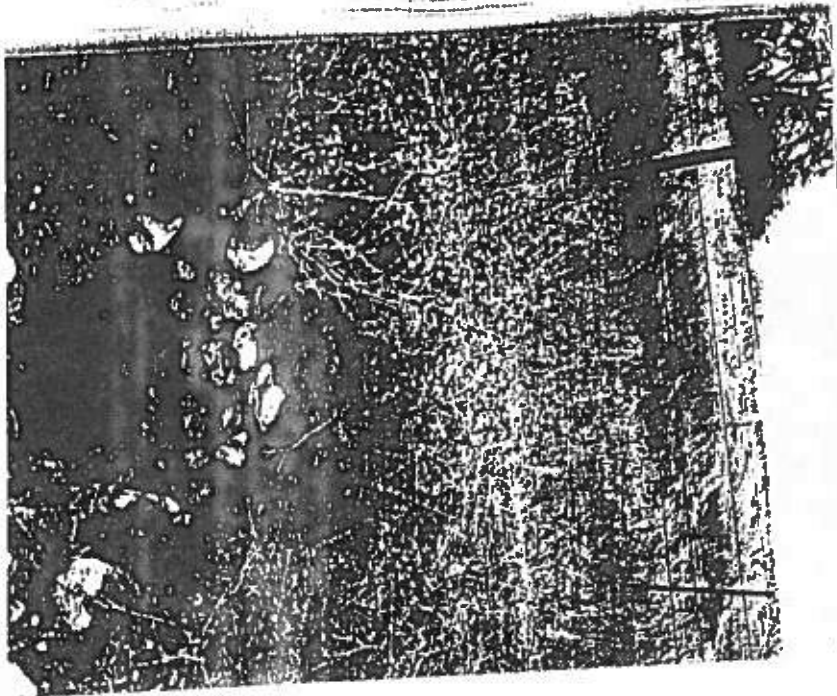
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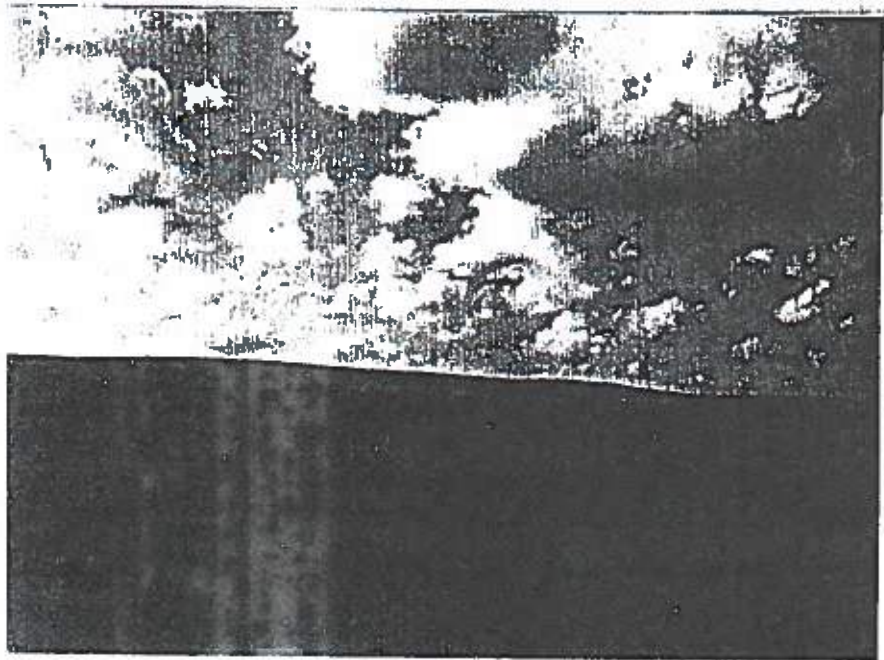
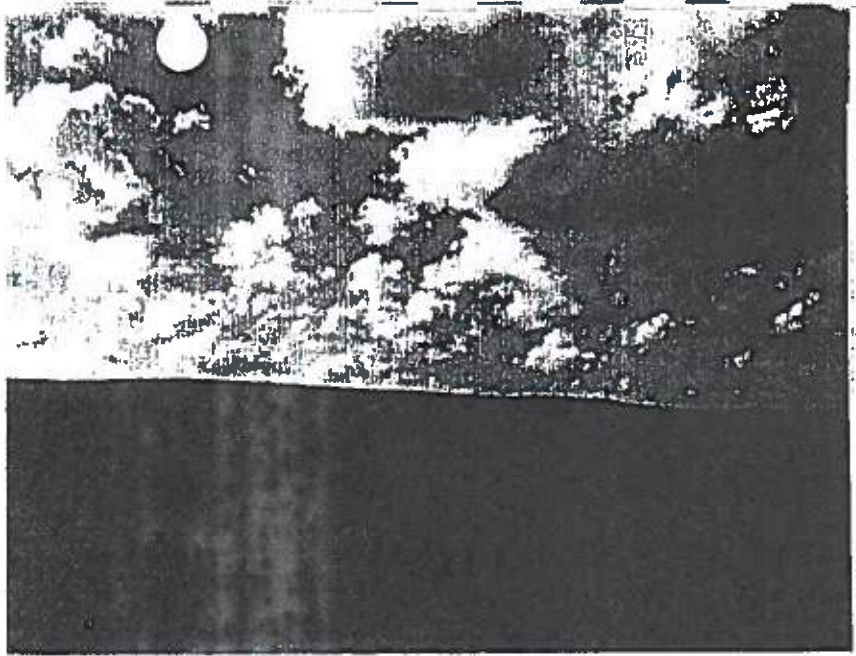
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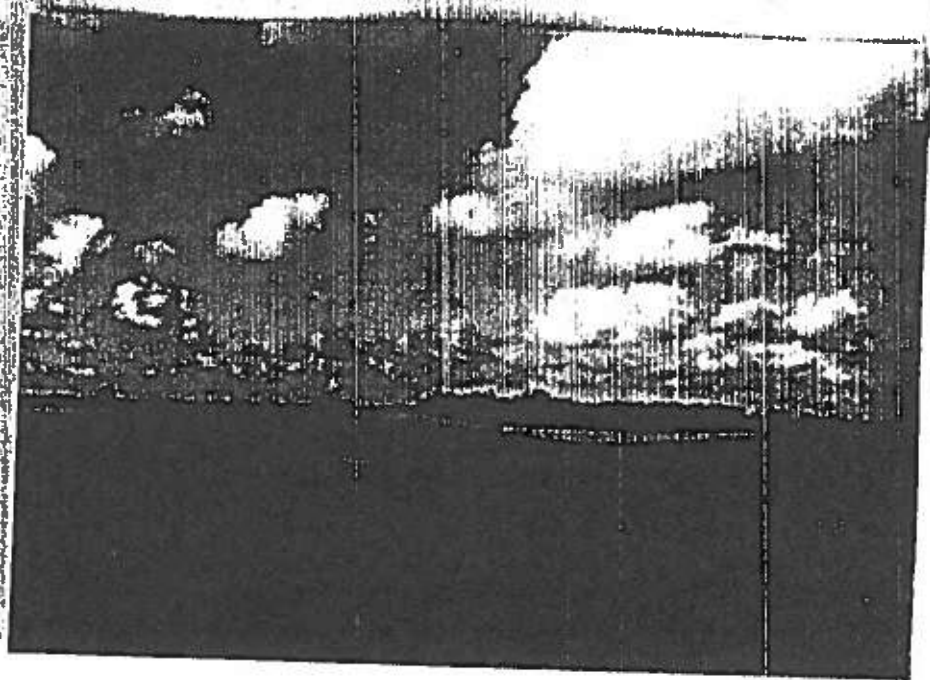
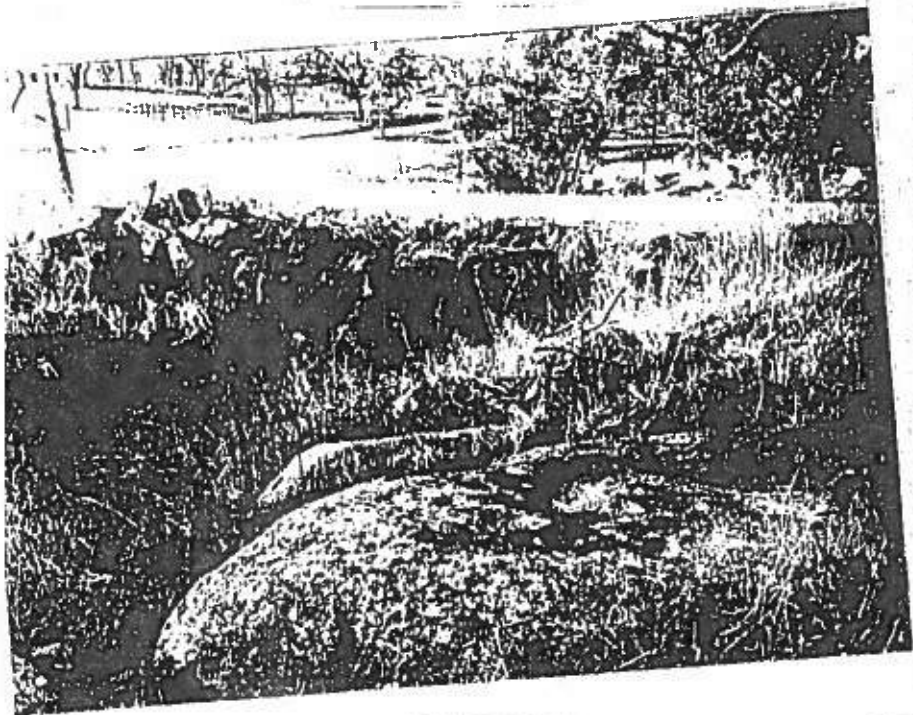
ROLL 2 B&W

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No.	Day	Time	Exp./frame	Subject / Description	View Tow.	Accession Number
2	26	am	1	quarried granite marker	SE	LS-16
"	"	"	2	rock-lined well	E	LS-16
"	"	"	3	foundations, Beerman's Slaughter House	SE	LS-16
"	"	"	4	weather worn rock	-	-
"	"	"	5	"	"	"
"	"	"	6	"	"	"
"	"	"	7	quarried stone structure, interior	SE	LS-15
"	"	"	8	quarried stone structure	S	"
"	"	"	9	"	"	"
"	"	"	10	" and stone-lined well	SW	"
"	"	"	11	"	"	"
"	"	"	12	barn; note stone structure (back)	W	"
"	"	"	13	"	"	"
"	"	"	14	Lincoln salt marsh	SW	LS-17
"	"	"	15	"	"	"
"	"	"	16	" (looking onto Ferrari Ranch property)	NW	"
"	"	pm	23	J. Orchard homesite (house depression?)	E	LS-20
"	"	"	24	"	W	"
"	"	"	25	BRM	SW	LS-1







photos on file NCIC-CSUs

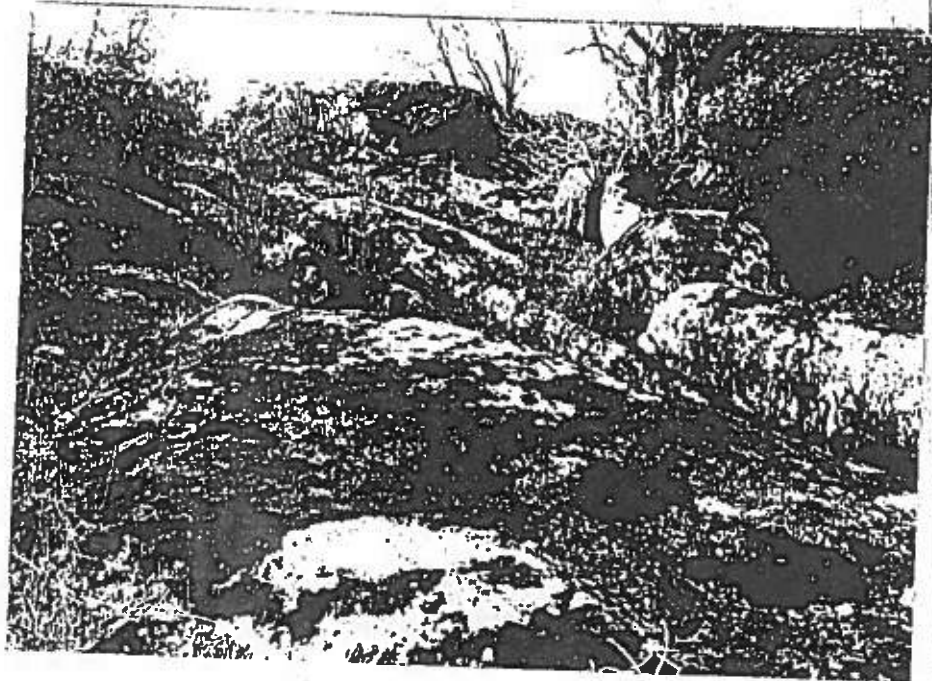
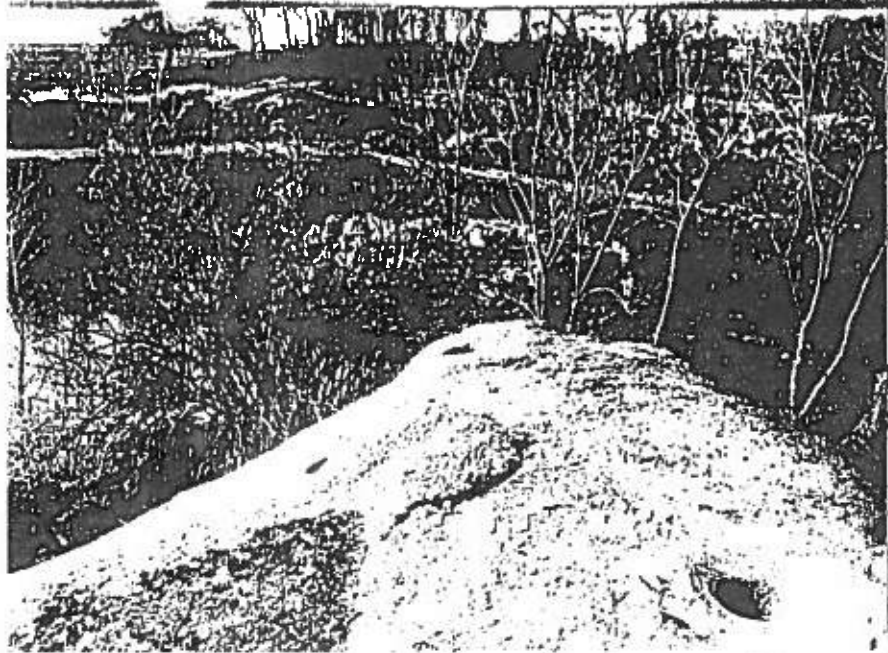
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RECORD

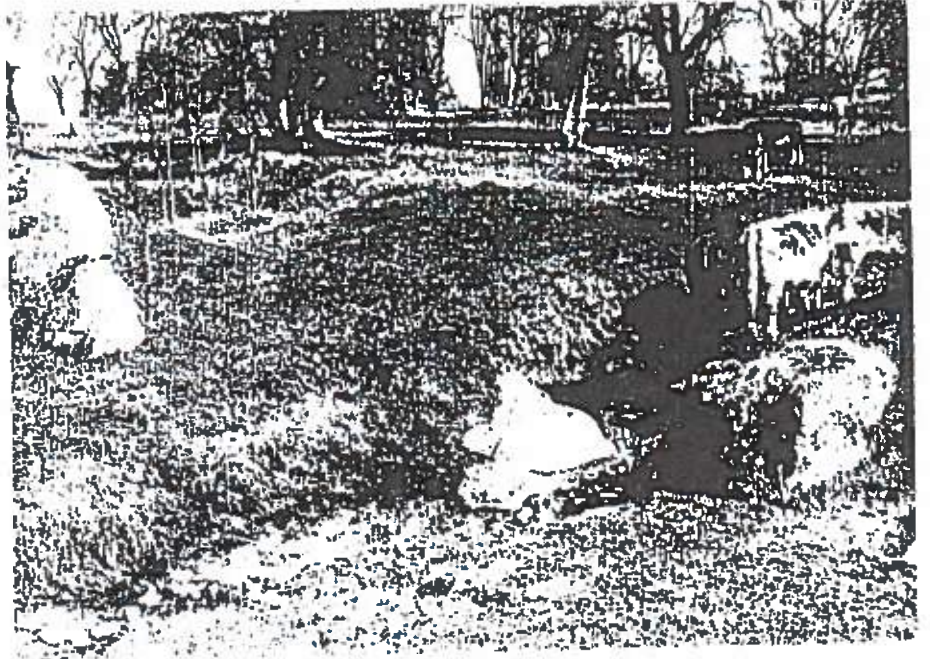
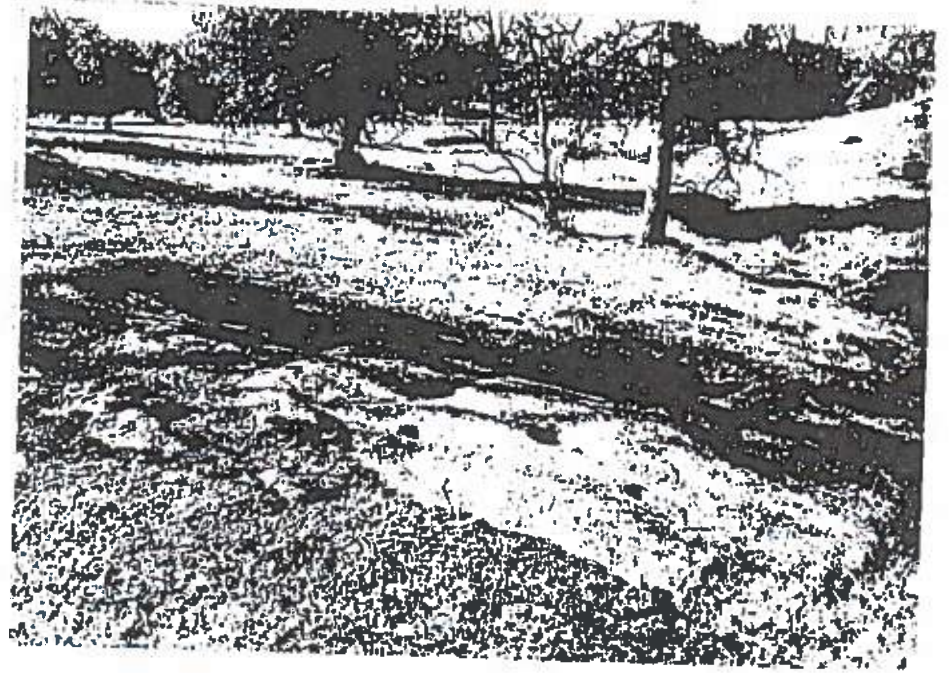
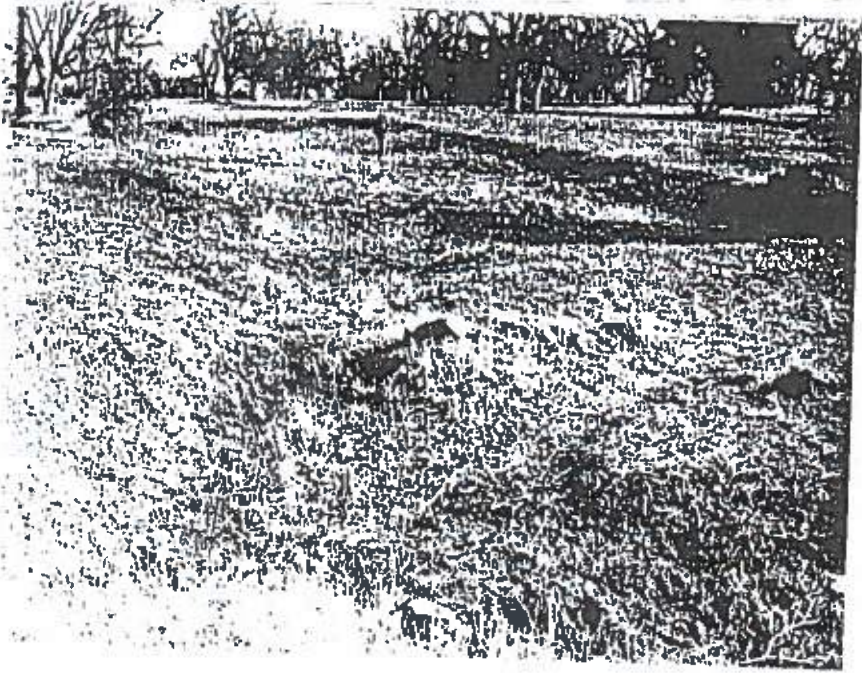
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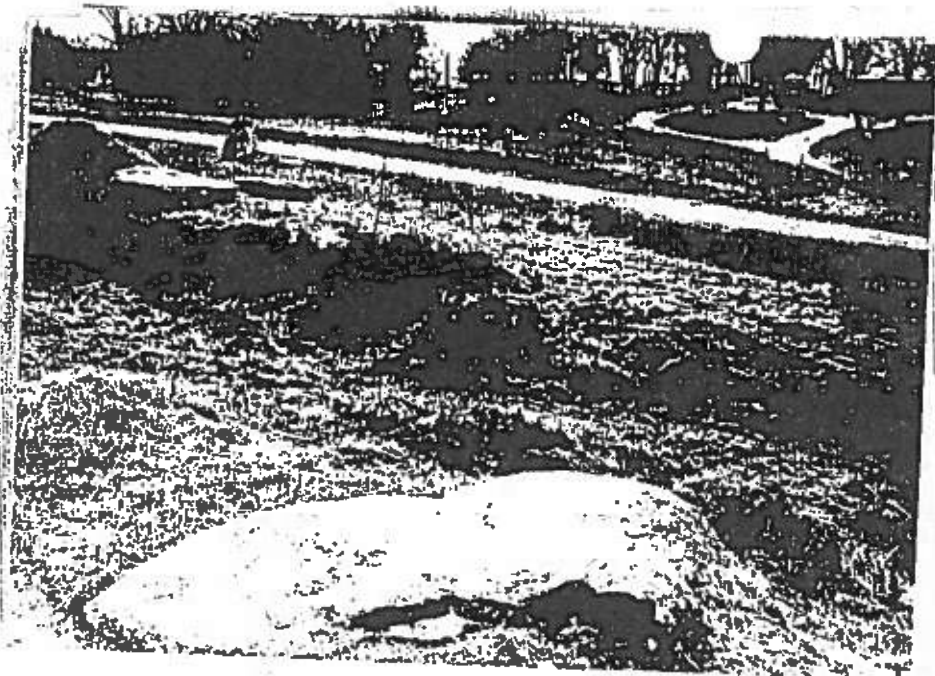
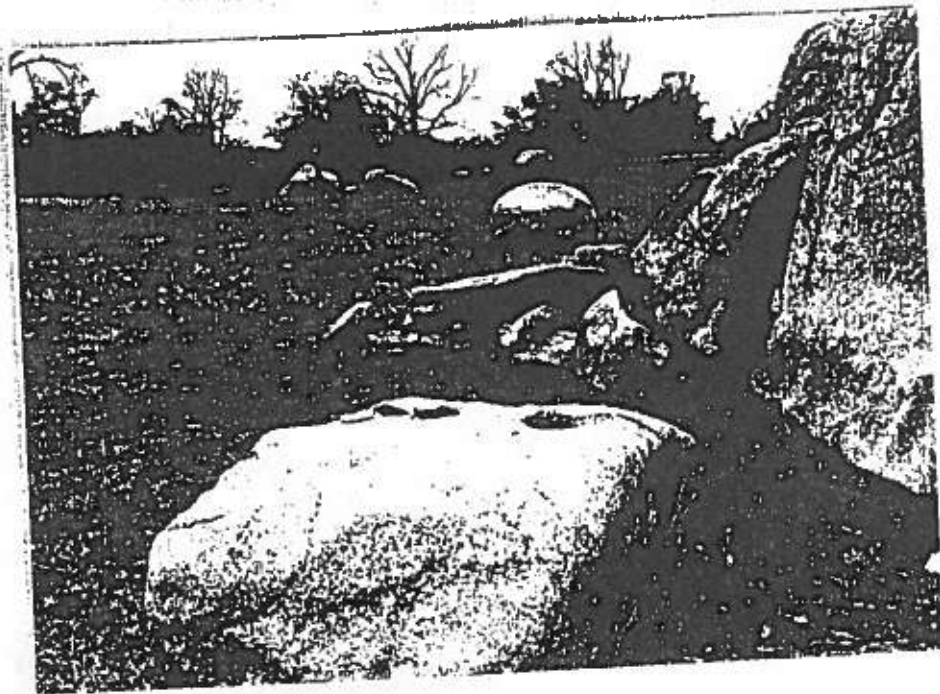
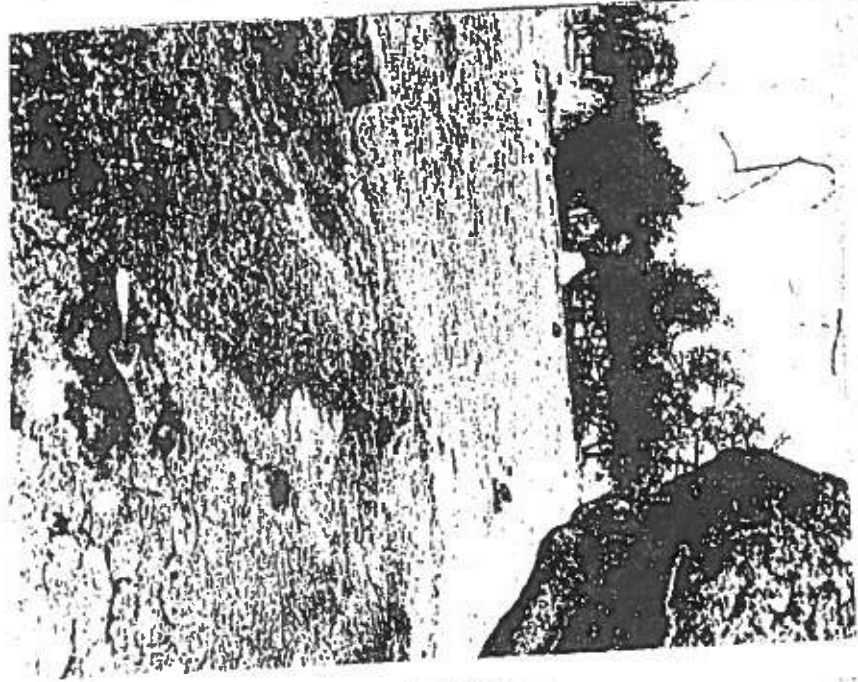
ROLL 3 B&W

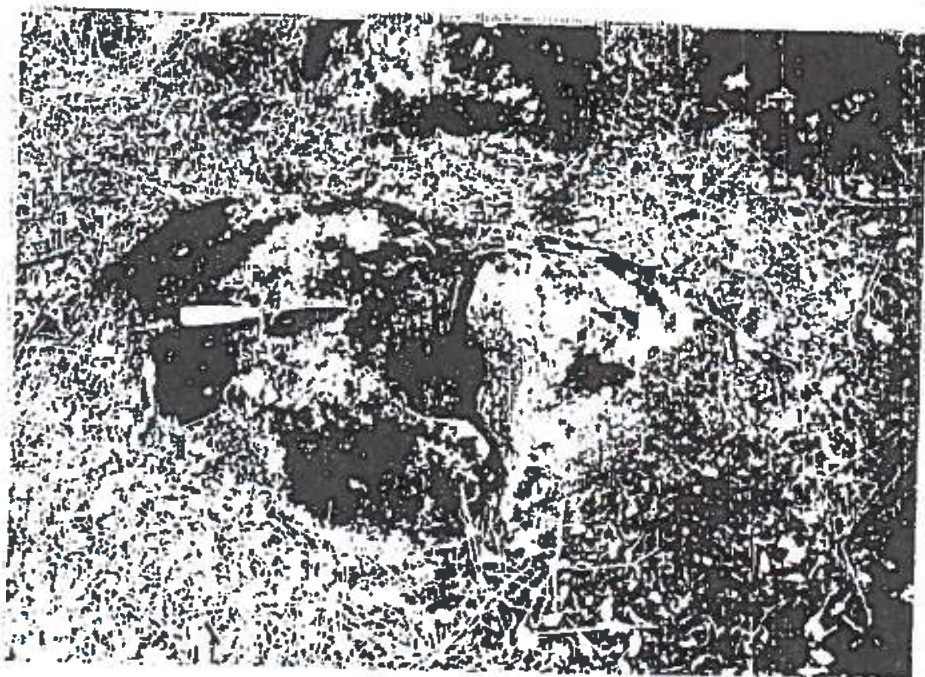
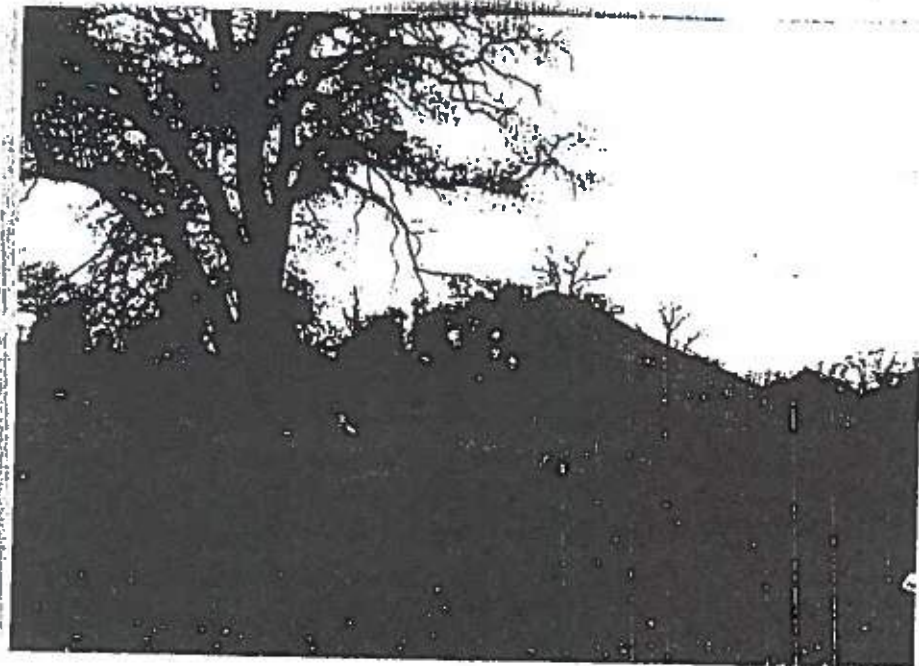
Temporary Number: Lincoln Sphere Project

Camera and Lens Types				Film Type and Speed	Year	
Nikon 35-135mm				PX 125	1989	
No.	Day	Time	Exp./Frame	Subject / Description	View Tow.	Accession Number
2	26	am	1	Granite quarry - Pit A	SW	LS-2H
"	"	"	2	" - Pit B	NW	"
"	"	"	3	BRM in granite quarry above Pit B, F-1	SW	LS-2P
"	"	"	4	BRM in granite quarry above Pit B - F2	SW	"
"	"	"	5	BRM	NE	LS-3
"	"	"	6	ground sluice workings	N	LS-4
"	"	"	7	"	NE	"
"	"	"	8	BRM; Feature 1 (front); Feature 2 (mid)	SE	LS-5
"	"	"	9	BRM, Feature 2	SW	"
"	"	"	10	BRM	NW	LS-6P
"	"	"	11	reservoir; earthen berm wall; ditch	N	LS-6H
"	"	"	12	BRM	W	LS-7
"	"	"	13	BRM	NW	"
"	"	"	14	BRM (highly weathered with cobble embedded in cup)	-	LS-9









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ARCHEOLOGICAL PHOTOGRAPHIC
RECORD

Permanent Trinomial: _____

ROLL 1 COLOR

Temporary Number: Lincoln Sphere

Camera and Lens Types				Film Type and Speed	Year	
Nikon 35-135				PX 125	1989	
No.	Day	Time	Exp. / Frame	Subject / Description	View Tow.	Accession Number
2	26	am	5	Lincoln Salt Marsh	SW	LS-17
"	"	"	6	"	"	"
"	"	"	7	BRM overlooking salt marst (Foster 1986; Site 28)	NE	-
"	"	"	8	"	"	"
"	"	"	9	Ferrari Ranch overview	N	LS-18
"	"	"	10	Ferrari Ranch - barns	NE	"
"	"	"	11	Ferrari Ranch - residences	"	"
"	"	"	12	Dry-land dredge tailings	NE	LS-12
"	"	"	13	"	"	"
"	"	"	14	"	NW	"
"	"	"	15	"	"	"
"	"	"	16	BRM	SW	LS-11
"	"	"	17	BRM	NW	LS-13
"	"	"	18	"	"	"
"	"	"	19	BRM	NE	LS-14
"	"	"	20	unidentified quarried granite foundation; note dry-land dredge tailings (back)	SE	LS-12
"	"	"	21	"	NE	"
"	"	"	22	"	"	"
"	"	"	23	dry-land dredge tailings	NW	"
"	"	"	24	"	"	"
"	"	"	25	mine prospect shaft	S	"
"	"	"	26	"	"	"
"	"	pm	27	quarried granite monument	SE	LS-16

photos on file NCIC-CSUS

ARCHEOLOGICAL PHOTOGRAPHIC
RECORD

Permanent Trinomial: _____

Temporary Number: Lincoln Sphere Project

ROLL 2 COLOR

Camera and Lens Types	Film Type and Speed	Year
Nikon 35-135mm	PX 125	1989

No.	Day	Time	Exp. / Frame	Subject / Description	View Tow.	Accession Number
2	26	pm	3	rock-lined well	E	LS-16
"	"	"	4	foundations, Beerman's Slaughter House	SE	"
"	"	"	5	weathered boulder	-	-
"	"	"	6	"	"	"
"	"	"	7	quarried stone structure	SE	LS-15
"	"	"	8	"	"	"
"	"	"	9	quarried stone structure; note well	SW	"
"	"	"	10	"	"	"
"	"	"	11	barn; note stone structure (back)	SW	"
"	"	"	12	Lincoln salt marsh	SW	LS-17
"	"	"	13	"	NW	"
"	"	"	21	J. Orchard homesite (house depression?)	NW	LS-20
"	"	"	22	"	E	"
"	"	"	23	BRM	SW	LS-1
"	"	"	24	granite quarry - Pit A	SW	LS-2H
"	"	"	25	" Pit B	NW	"
"	"	"	26	BRM in quarry - Pit A; Feature 1	SW	LS-2P
"	"	"	27	" Feature 2	SW	"

photos on file NCIC-CSUS

ARCHEOLOGICAL PHOTOGRAPHIC
RECORD

Permanent Trinomial: _____

Temporary Number: Lincoln Sphere Project

ROLL 3 COLOR

Camera and Lens Types	Film Type and Speed	Year
Nikon 35-135mm	PX 125	1989

No.	Day	Time	Exp. / Frame	Subject / Description	View Tow.	Accession Number
2	26	pm	2	BRM	NE	LS-3
"	"	"	3	ground sluice workings	N	LS-4
"	"	"	4	"	NE	"
"	"	"	5	BRM; Feature 1 (front); Feature 2 (mid)	SE	LS-5
"	"	"	6	BRM; Feature 2	SE	"
"	"	"	7	BRM;	W	LS-6P
"	"	"	8	reservoir, earthen berm wall; ditch	N	LS-6H
"	"	"	9	BRM	W	LS-7
"	"	"	10	BRM	NW	"
"	"	"	11	BRM (highly weathered with cobble embedded in cup)	-	LS-9

#4064

**Cultural Resources Inventory Report for the
2002 Addendum to the City of Lincoln
Wastewater Treatment Plant and
Wastewater Treatment and Reclamation Facility
Projects, Lincoln, Placer County, California**

Prepared for:

City of Lincoln
1390 First Street
Lincoln, CA 95648
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916/645-3320

Prepared by:

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Sacramento, CA 95818-1914
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916/737-3000

July 2002

JUL 31 2002

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INTRODUCTION

This cultural resources inventory report was conducted for the proposed staged expansion of the City of Lincoln's wastewater treatment plant and wastewater treatment and reclamation facility. The project area comprises agricultural fields west of Fiddymont Road, the Moore Ranch property, and pipeline alignments along Moore and Fiddymont Roads (Figures 1 and 2). Previous studies for the wastewater treatment plant and wastewater treatment and reclamation facility have been conducted in the vicinity since 1998 (Jones & Stokes 1998, 1999).

REGULATORY SETTING

This report has been prepared in compliance with the requirements of the California Environmental Quality Act (CEQA). For a public or private project that is financed or approved by public agencies, CEQA requires the effects of a project on cultural resources to be assessed. Cultural resources are defined as buildings, sites, structures, or objects that may have historical, architectural, archaeological, cultural, or scientific importance.

Under the State CEQA Guidelines, an impact on a cultural resource is considered significant if a project would result in an effect that may change the significance of the resource (Public Resources Code Section 21084.1). Demolition, replacement, substantial alteration, and relocation of historic properties are actions that would change the significance of a historic resource.

Before the level of significance of impacts can be determined and appropriate mitigation measures developed, however, the significance of cultural resources must be determined. Accordingly, the following steps normally are taken in a cultural resources investigation to comply with CEQA:

1. identify cultural resources,
2. evaluate the significance of the cultural resources,
3. evaluate the effects of a project on all cultural resources, and
4. develop and implement measures to mitigate the effects of the project on significant cultural resources.

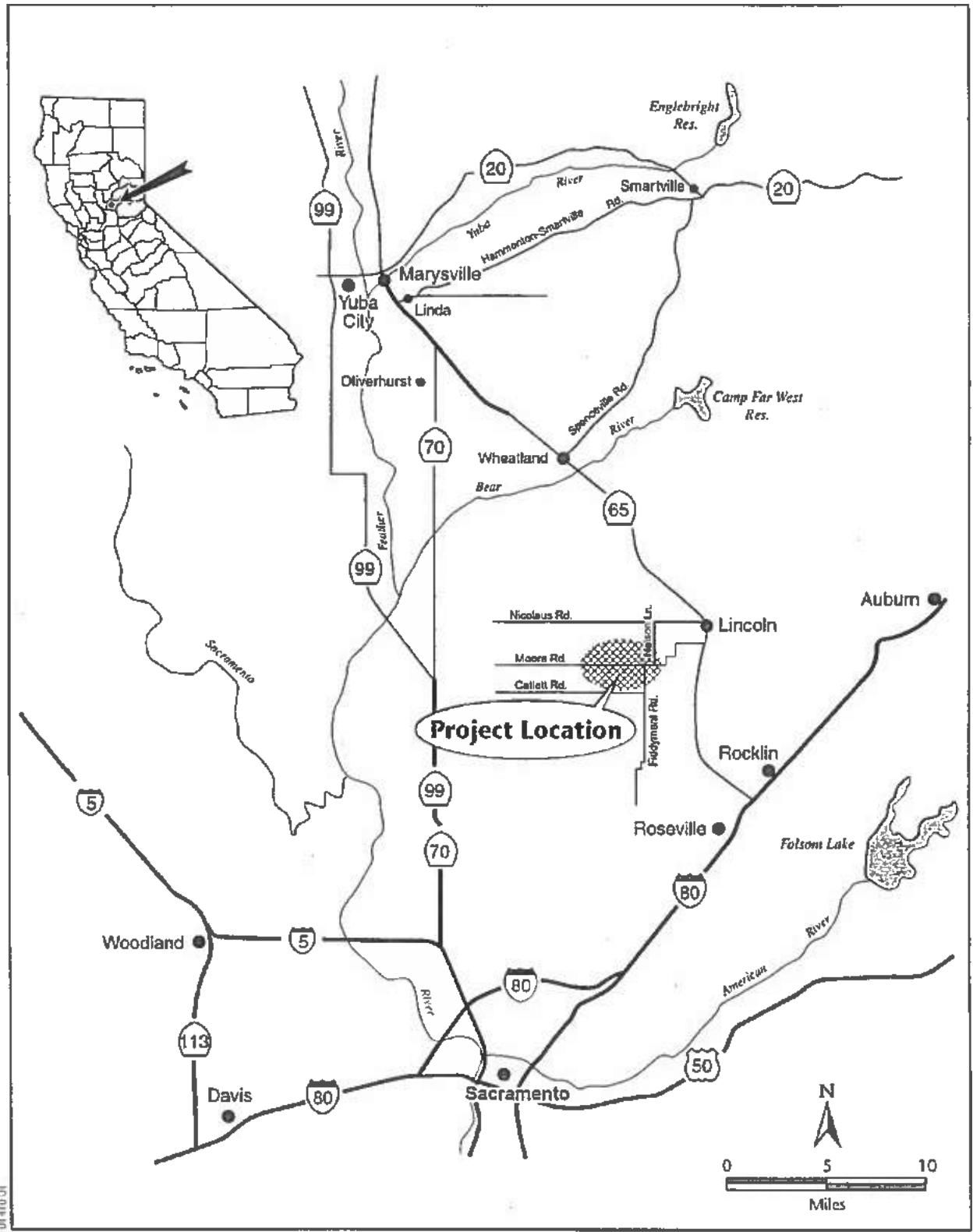


Figure 1
Project Location

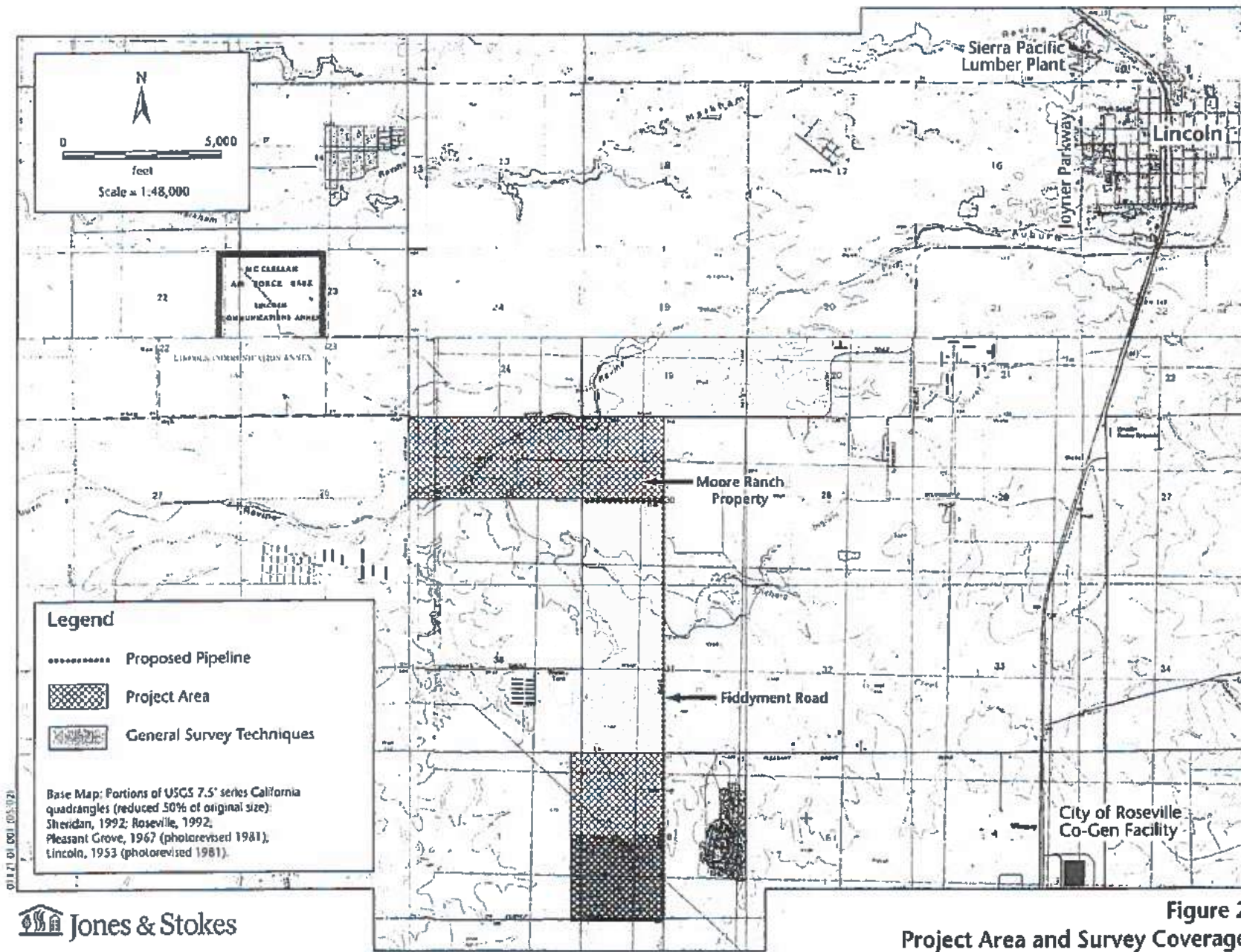


Figure 2
Project Area and Survey Coverage

CULTURAL SETTING

Prehistoric Context

Sites excavated in the lower elevations of the Sierra Nevada reflect the archaeology of the Central Valley with some influence from the high Sierra. The taxonomic framework of the Sacramento Valley, in particular, has been described in terms of archaeological patterns. A pattern is defined as a general mode of life that is characterized archaeologically by technology, particular artifacts, economic systems, trade, burial practices, and other aspects of culture.

The little archaeological evidence of human use of the area during the late Pleistocene and early Holocene (12,000–6,000 B.C.) is likely a product of the archaeological record itself, rather than a lack of use of this area. Most Pleistocene- and Holocene-era sites are buried deeply in accumulated gravels and silts, or have eroded away.

The earliest archaeological evidence of human use of the Central Valley region dates from approximately 3,000 B.C. The period covering 6,000–2,000 B.C. is referred to as the Early Horizon. During this period, a generalized subsistence strategy is thought to have been replaced by a more specialized strategy. This intensification can be seen in what Fredrickson (1973) has identified as the Windmill Pattern. Artifact assemblages and faunal remains at Windmill sites indicate that a diverse range of resources was exploited, including seeds, a variety of small game, and fish.

The Middle Horizon covers approximately 2,000 B.C.–A.D. 500. Sites from this period also have been found in the Central Valley. The adaptive pattern found most frequently during the Middle Horizon is called the Berkeley Pattern (Fredrickson 1973), although sites displaying the Windmill Pattern assemblages also have been dated to this period. The Berkeley Pattern differs from the Windmill Pattern primarily in the increased emphasis on the exploitation of the acorn as a staple, as reflected in the more numerous and varied mortars and pestles. This complex also is noted for its especially well developed bone industry and such technological innovations as ribbon flaking of chipped stone artifacts. During this period, flexed burials replaced extended burials, and the use of grave goods generally declined (Moratto 1984).

The Late Horizon is the period between A.D. 500 and the arrival of the Spanish in central California. The predominant pattern during this period is the Augustine Pattern (Fredrickson 1973), which is characterized by large village sites, increasing evidence of acorn and nut processing, the introduction and use of the bow and arrow, and the use of clamshell disc beads as the primary medium of exchange. During the last part of the period, cremation became a common mortuary practice.

Ethnographic Context

The project area was inhabited by the group known to ethnographers as the Nisenan, or Southern Maidu. Nisenan territory covered the drainages of the Yuba, Bear, and American Rivers, and the lower drainages of the Feather River. The Nisenan, with the Maidu and Konkow, their northern neighbors, form the Maiduan language family of the Penutian linguistic stock (ShIPLEY 1978). The family has been divided by some researchers into three dialects (Northern Hill Nisenan, Southern Hill Nisenan, and Valley Nisenan [Kroeber 1925]), although others have made finer distinctions (ShIPLEY 1978).

The smallest social and political unit among the Nisenan was the family. Each extended family was represented by a leader, who was called to a larger council by a headman. The headman served as an advisor to a village. The headman of the dominant village in a cluster of villages (tribelet) had the authority to call on the surrounding villages when necessary to deal with social and political situations. The duties of the headman were to advise his people, call and direct special festivities, arbitrate disputes, act as an official host, and call the family leaders to council. The position of headman was usually hereditary, but could be chosen. A woman could serve in this position if a suitable male relative was not available. (Wilson and Towne 1978.)

Nisenan settlement locations were chosen primarily based on elevation, exposure, and proximity to water and other resources. Permanent villages usually were located on low rises along major watercourses. Village size ranged from three houses to 40–50 dwellings. Houses were domed structures measuring 10–15 feet in diameter and covered with earth and tule or grass. Brush shelters were used in summer, and at temporary camps during food-gathering rounds. Larger villages often had semi-subterranean dance houses, which were covered in earth and tule or brush, with a central smokehole at the top and an entrance facing east. Another common village structure was a granary for storing acorns. (Wilson and Towne 1978.)

The Nisenan occupied permanent settlements from which specific task groups set out to harvest the seasonal bounty of flora and fauna that the rich valley environment provided. The Valley Nisenan economy involved riverine resources, whereas the Hill Nisenan resource base consisted primarily of acorn and game procurement. The only domestic plant was native tobacco (*Nicotiana* spp.), but many wild plant species were tended. The acorn crop from the blue oak (*Quercus douglasii*) and black oak (*Q. kelloggii*) was so carefully managed that it served as the equivalent of agriculture and could be stored against winter shortfalls in resource abundance. Deer, rabbit, and salmon were the chief sources of animal protein in the aboriginal diet, but many other insect and animal species were taken when available.

Religion played an important role in Nisenan life. All natural objects were thought to be endowed with supernatural powers. Two kinds of shamans existed: curing shamans and religious shamans. Curing shamans had limited contact with the spirit world and diagnosed illness by feeling; they would suck at the location of pain and "remove" the offending object. Religious shamans gained control over the spirits through dreams and esoteric experiences. (Wilson and Towne 1978.)

Historic Context

Settlement and Transportation

European settlement of the area began during the Gold Rush. Although the Lincoln area was not a large gold-producing area, it was a very productive agricultural area. Early settlements were located along roads to the gold fields. A branch of the Sacramento-Nevada Wagon Road passes through a portion of the project area. This route, referred to as the Sacramento-Virginia Road or the Sacramento-Ophir Road, runs from Sacramento up Auburn Ravine to the towns of Virginia, Gold Hill, and Ophir (Lindstrom 1989). The first establishment along the Sacramento-Virginia Road in the area was Gray's Hotel, located in Auburn Ravine. The hotel was established in 1853 and operated by William H. Gray and Otis Brown.

The first settlers in the Lincoln area, who arrived in the late 1850s, engaged in wheat production and cattle ranching. In 1859, Charles Lincoln Wilson surveyed and mapped the town of Lincoln; he later auctioned off 52 lots to eager settlers. Wilson actively promoted the construction of the California Central Railroad, which was completed from Folsom to Lincoln on October 31, 1861. Eventually, the railroad became part of the California and Oregon Line. The railroad greatly accelerated the shipment of wheat, boosted other local markets, and greatly contributed to the growth of Lincoln's population, which rose from nearly 500 inhabitants in 1863 to more than 1,400 by 1910 (Ogden Environmental et al. 1992, Lardner and Brock 1924).

Lincoln thrived as a staging and freight center until 1866, when the railroad terminus was moved to Wheatland. However, with the aid of the local pottery products company and a prolific agricultural economy, Lincoln remained an important shipping port (Hoover et al. 1990).

Agriculture and Ranching

The earliest agricultural settlements in the area appear to belong to Joseph Walkup and S. B. Wyman, who both built houses east of what would become Lincoln. In 1882, they harvested the first wheat crops in the county. W. F. Fiddymont settled in the area in the 1850s; by 1856, he had established a large land dynasty in the greater Roseville area, growing grain and raising livestock. The largest ranch in the area was Whitney's Spring Valley Ranch, which covered approximately 30,000 acres between Lincoln, Roseville, and Rocklin by 1857. Between 1875 and 1880, Whitney undertook an extensive program of improvements; utilizing Chinese labor, he installed miles of rock walls, reservoirs, irrigation ditches, graded roads, and a number of ranch building complexes. (Lindstrom 1989.)

In addition to grain production and cattle ranching, farmers in the Lincoln area were able to cultivate a variety of fruit crops, given their location in a temperate climatic belt. During the 1880s and 1890s, fruit growers produced an assortment of crops, including apples and grapes; soon after, the citrus growers in Placer County established orchards of lemons, limes, oranges, and pomelos. The area northeast of Lincoln rapidly became a favorite place for planting. By the

early 1920s, Placer County had developed a reputation as a producer of delicious fruits. Of the 5,830 cars loaded with fruit and shipped east one year, 126 originated from Lincoln (Ogden Environmental et al. 1992, Lardner and Brock 1924).

Other Industries

Although agriculture was the primary industry in nineteenth-century Lincoln, two chance discoveries in the 1870s presented several economic alternatives. First, the discovery of coal in 1873 near Lincoln surprised and delighted local entrepreneurs. Immediately following this discovery, Colonel Wilson dug a large shaft and erected hoisting works to excavate samples of the substance, which were then sent to the Sacramento Waterworks for testing. The satisfactory results of the testing led to a coal-mining endeavor that continued well into the 1880s.

Second, the accidental discovery of clay deposits in 1874 led immediately to the establishment of a large pottery-manufacturing business in Lincoln. Charles Gladding, Peter McBean, and George Chambers erected a kiln in May 1875 to produce vitrified clay sewer pipe. By 1882, Gladding, McBean & Company had begun to produce ironstone sewer pipe, chimney tops, firebricks, terra cotta ware, vases, urns, flowerpots and other decorative pottery. By the 1920s, its pottery works employed some 600 employees and produced a variety of clay products for shipment to such cities as Chicago, Kansas City, St. Louis, Seattle, and Portland. Today, the company continues to produce clay products, including the architectural terra cotta detail work for which it has gained international renown (Lardner and Brock 1924).

METHODS AND RESULTS

The efforts to identify cultural resources within the project area consisted of a records search, contacting the Native American Heritage Commission (NAHC) and Native American representatives, an aerial reconnaissance survey by helicopter over inaccessible land parcels, and a pedestrian survey of the accessible portions of the project area.

Records Search

A records search for portions of the project area not covered in previous records searches and within a 0.5-mile radius around the project area was conducted on October 26, 2001 at the North Central Information Center of the California Historical Resources Information System at California State University, Sacramento. The search consulted the state's database of previous studies and previously recorded cultural resource sites. Historical inventories and historic maps were also consulted.

The search indicated that no cultural resources studies had been conducted within the project area. Nine studies have been conducted within a 0.25-mile radius of the project area (ArcheoTech 1989; Childress 1999, 2000; Derr 1997; Jones & Stokes 1998, 1999; Lindstrom 1989; Peak and Associates 1981; Seldner 1985; U.S. Army Corps of Engineers 1996). The records search indicated that two previously recorded historic resources (Bridge #19CO110 and Fiddlyment Road) are located within the project area and four historic resource sites within a 0.25-mile radius of the project area. The 1855 General Land Office plat shows several roads and board fenced in the vicinity of the project area (T12N, R6E, and T12N, R5E).

Native American Contacts

Jones & Stokes cultural resources staff contacted NAHC on October 11, 2001, and requested that it consult its sacred lands database and provide a list of potentially interested Native American representatives for the project area. NAHC responded on October 22, 2001; it stated that the search did not reveal any known Native American resources in the immediate project area, and provided a list of seven Native American representatives. Jones & Stokes contacted all seven representatives by letter on October 23, 2001. The letter briefly described the project and was accompanied by a map of the project area.

In a letter dated November 20, 2001, Mr. John Suehead of the United Auburn Indian Community of the Auburn Rancheria stated that the community had no information regarding sacred sites in the area, but requested to be informed if any discoveries were made during construction. No other responses were received, so Jones & Stokes cultural resources staff contacted the Native American representatives by telephone. Documentation of these contacts is provided in Appendix A.

Aerial and Pedestrian Surveys

Only one of the two parcels within the project area was accessible for a pedestrian survey: the 320-acre parcel west of Fiddlyment Road. The parcel was surveyed on November 14, 2001. The project area (the two parcels and some pipeline alignments) was surveyed using a combination of survey techniques based on visibility and sensitivity for cultural resources. The parcel was examined using general survey techniques with archaeologists walking over the area in transects spaced 30–35 meters apart. A portion of this parcel was not surveyed because of the presence of a young wheat crop, which made visibility very poor (Figure 2).

Portions of the alignments along the roads had been surveyed previously (Jones & Stokes 1998). The remaining portions of the alignments were examined using cursory survey techniques, primarily because of poor visibility. The survey crew drove along the alignment, stopping to examine bridges and areas where ground visibility was good.

A pedestrian survey of the Moore Ranch was not conducted because access to the parcel was restricted. An aerial reconnaissance survey from a low-flying helicopter was conducted to assess the cultural resources sensitivity of the parcel and the integrity of the structures known to be present. Previous work in the vicinity has indicated that the vicinity has a low sensitivity for prehistoric cultural resources. However, the ranch's proximity to Auburn Ravine, a perennial water source, increases the possibility that cultural resources may be present on the property.

Six structures associated with the Moore Ranch located on the western edge of the property were given preliminary examination during the aerial reconnaissance survey. The structures appear to consist of a primary residence, a barn, two outbuildings, and two shelters. Although no formal survey of the buildings was conducted because of restricted access to the property, the house and barn were observed to be clearly more than 50 years old. The age and condition of the other buildings could not be determined. No other potentially historic structures were noted as a result of the aerial reconnaissance.

The Moore family is a prominent family in the Lincoln area; the buildings of the Moore Ranch may be eligible for listing in the NRHP, CRHR, or other historical registers. The residence is a square plan, two-story house with a hipped roof and central chimney. The house appears to retain historical integrity because it appears (from the distance of a helicopter overflight) not to have been significantly altered. Further inventory and evaluation of the Moore Ranch buildings is recommended.

Two previously recorded cultural resources were noted along the pipeline alignments. The bridge bearing Moore Road over Auburn Ravine (#19CO110) was built in 1930. It has been determined not eligible for listing in the NRHP (California Department of Transportation 1986). Fiddyment Road is a paved, two-lane road that is currently in use; it appears on maps as early as 1908. Historically (and much as it does today), it appears to have served as a rural route between ranches and Lincoln. However, it is one of many such roads in the area and is not likely to be eligible for listing in the NRHP or CRHR.

RECOMMENDATIONS

No known archaeological resources are located within the project area. Previous cultural resources work in the area indicates that the area is not particularly sensitive for archaeological resources. Further studies, consisting of an archaeological survey of a proposed pipeline alignment and an architectural inventory and evaluation of the structures, are recommended on the Moore Ranch property.

It is always possible that subsurface cultural resource deposits may be located during ground-disturbing activities associated with construction. If any artifacts or an unusual amount of bone, shell, or non-native stone (e.g., obsidian) are uncovered during construction or other ground-disturbing activities, a professionally qualified archaeologist should be consulted immediately for an evaluation. If the bone appears to be human, the Placer County coroner

should be contacted immediately. If the coroner concludes that the bone is that of a Native American, the coroner will contact NAHC.

REFERENCES CITED

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Jones & Stokes

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Odgen Environmental and Energy Services Co., Inc.; Archaeological Services, Inc.; Foothill Resources, Ltd.; and Stewart/Gerike, Consultants

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Shipley, W. F.

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U. S. Army Corps of Engineers

1996 Cultural Resources Inventory, McClellan Air Force Base, Lincoln-GWEN Site, California. Library #2087 on file at the North Central Information Center of the California Historical Resources Information System, California State University, Sacramento.

Wilson, N. L., and A. H. Towne

1978 Nisenan. Pages 387-397 in R. F. Heizer (ed.), Handbook of North American Indians, Volume 8, California. Smithsonian Institution, Washington, DC.

Appendix A. Native American Contact Information



Jones & Stokes

Mail Fax Overnight Courier

To: Debbie Treadway
Native American Heritage Commission
915 Capitol Mall, #364
Sacramento, CA 95814
(916) 657-5390

Date: October 11, 2001
Client: City of Lincoln
Project: Lincoln WWTP
Project #: _____

Subject: Cultural resources studies in Placer County
Legal Description - T11N, R6E, Sections 4, 5, 6 ; T12N, R5E, Section 24; T12N, R6E, Sections 9, 10, 15, 16, 19, 20,
21, 30, 31

Enclosure(s) Per your request For your review For your information/use
 Other _____

_____ Total pages faxed Original will follow by mail yes no

Quantity	Description
_____	_____
_____	_____
_____	_____

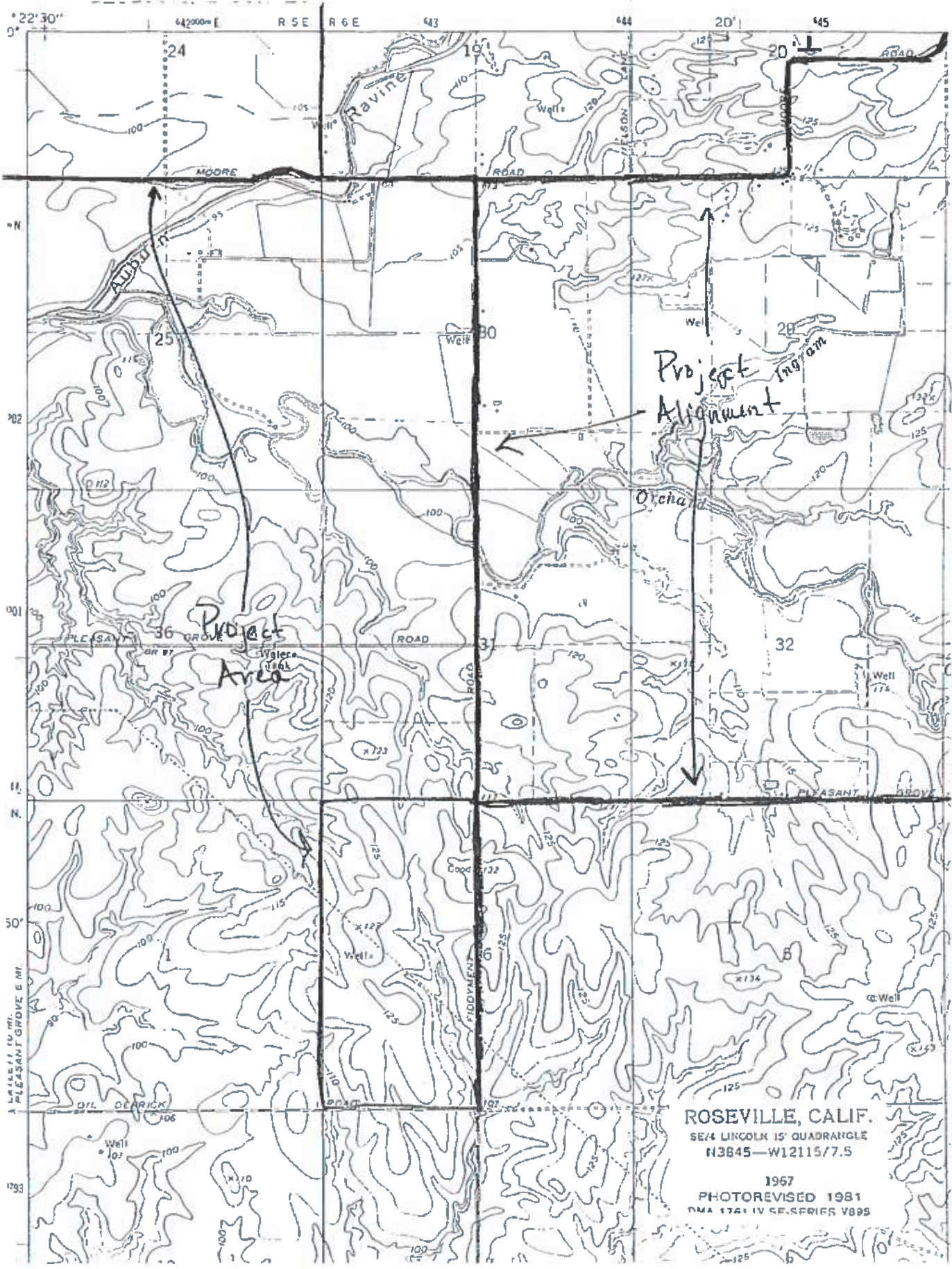
Message:

Jones & Stokes is conducting cultural resources studies for a cellular location in Placer County. The proposed location for construction in the area of the City of Lincoln. This project is essentially a continuation of related projects that began in 1998.

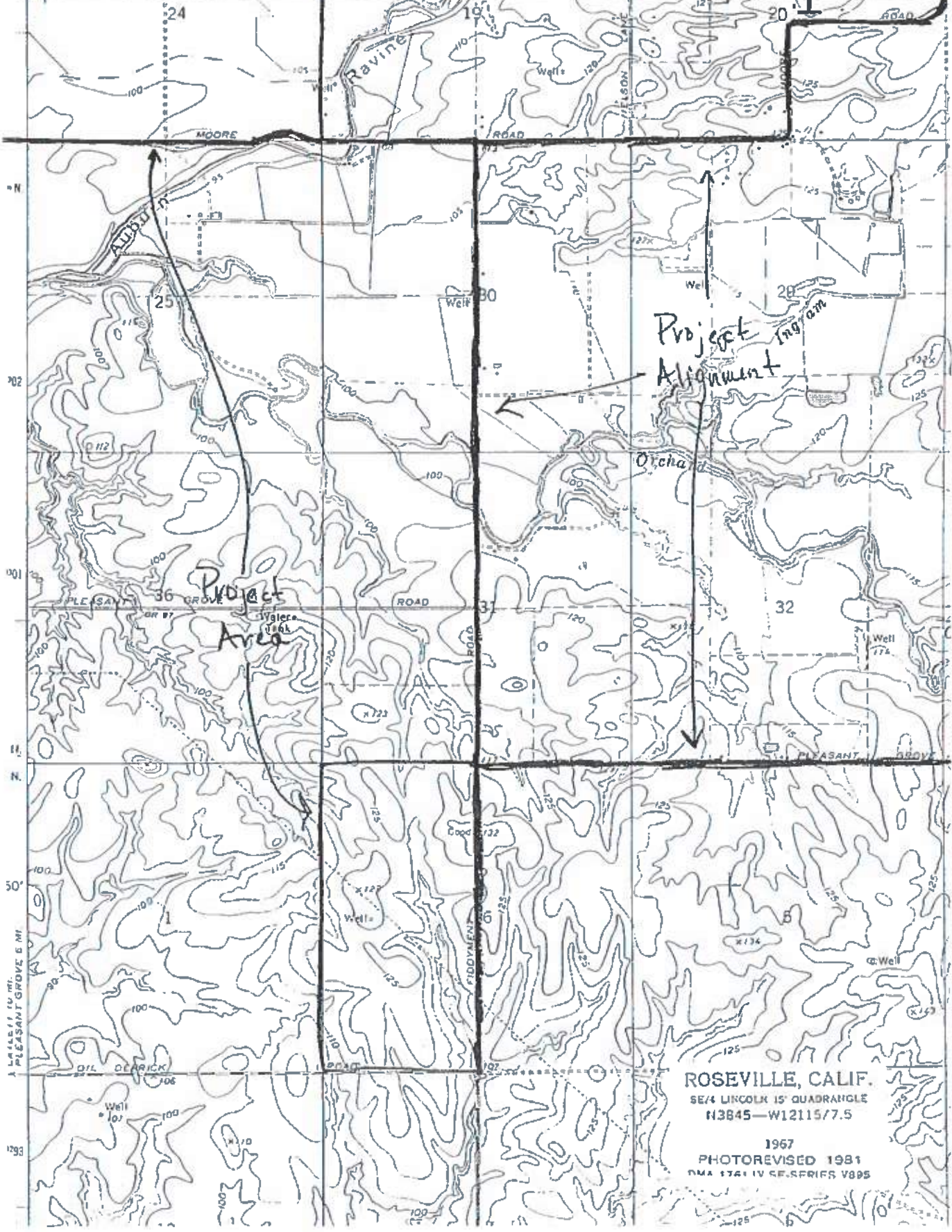
We are seeking comments from Native American representatives and would greatly appreciate your sending us a list of Native American representatives that might be interested in activities in this area. Also please consult you inventory of sacred lands. A records searches has been requested and a survey will be scheduled.

Thank you for your cooperation in this matter. Please call me at (910) 503-6681, ext. 3414, if you have any questions.

From: Shahira Ashkar cc: _____

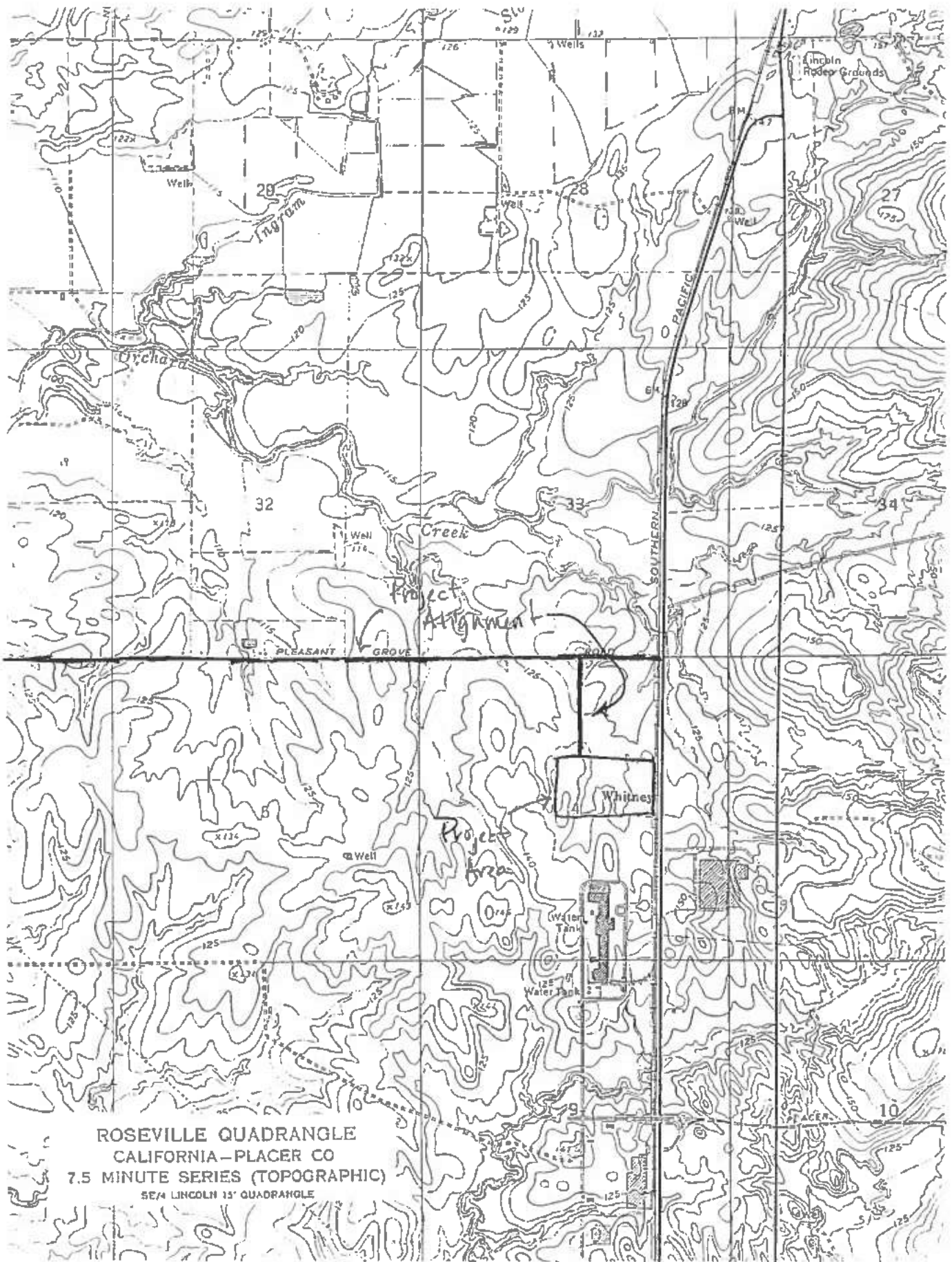


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ROSEVILLE, CALIF.
SE/4 LINCOLN 15' QUADRANGLE
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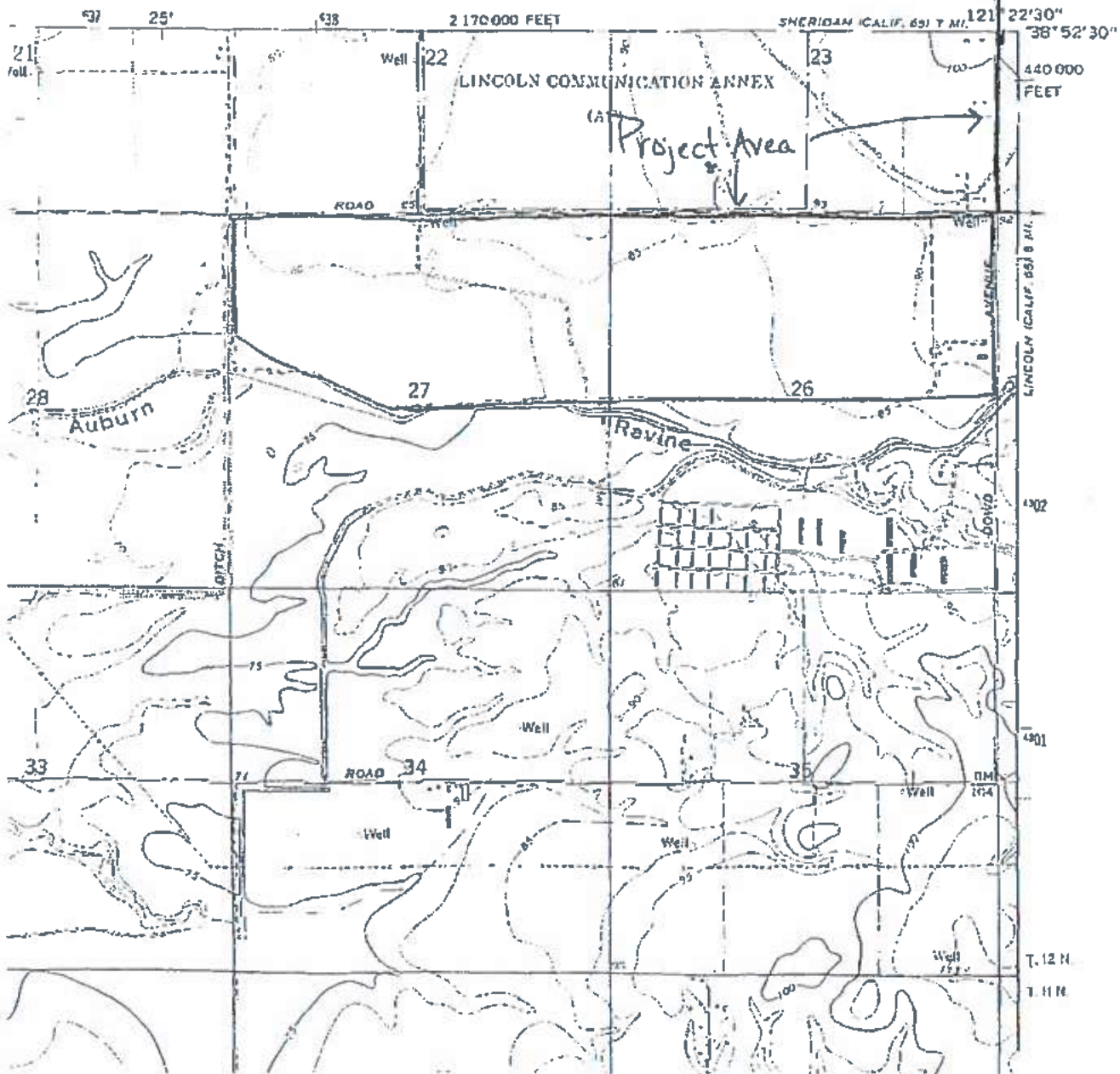
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PHOTOREVISED 1981
DMA 1761 IV G.E. SERIES V895

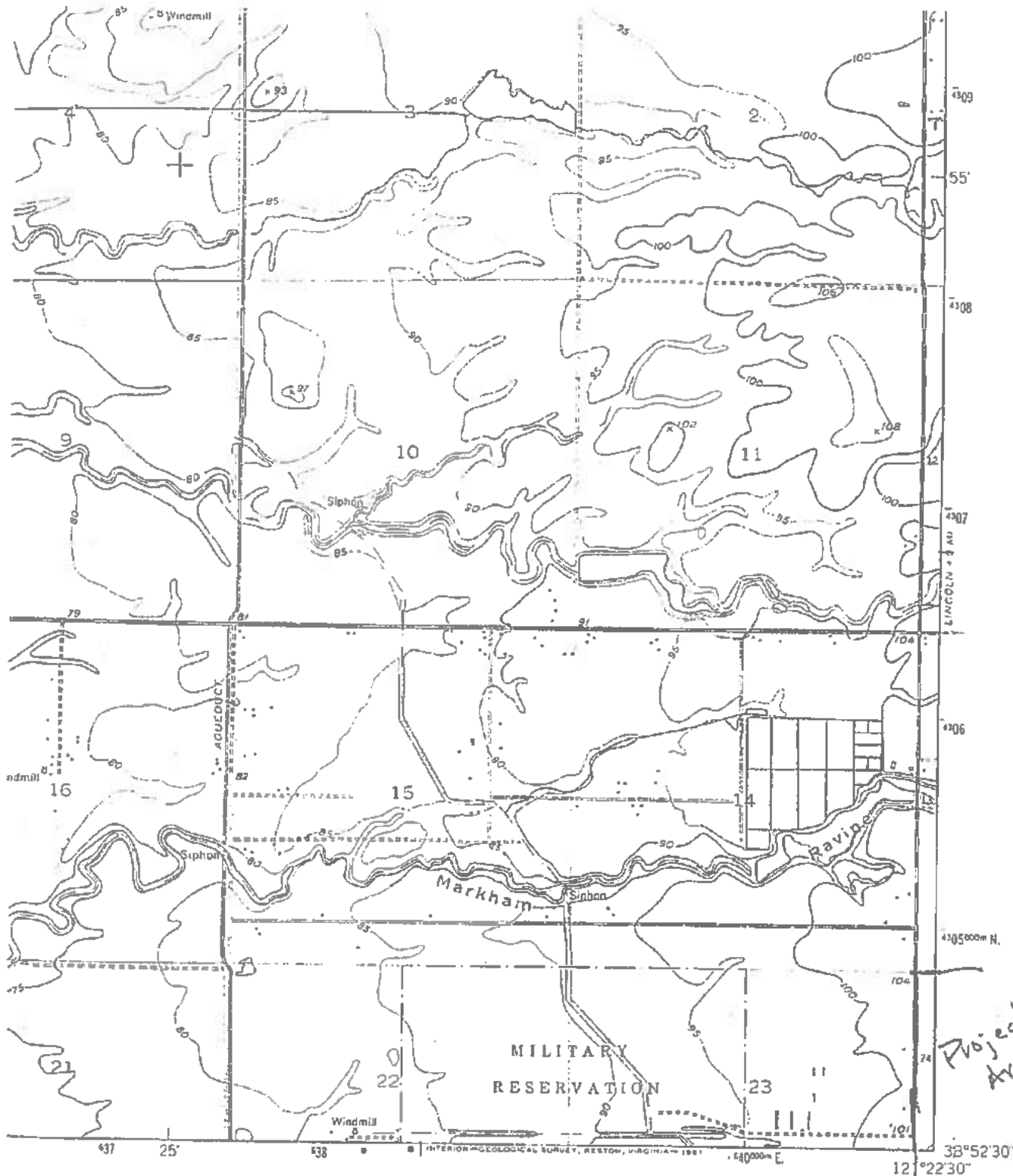


ROSEVILLE QUADRANGLE
CALIFORNIA-PLACER CO
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 LINCOLN 15' QUADRANGLE

PLEASANT GROVE QUADRANGLE
CALIFORNIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 LINCOLN 15' QUADRANGLE

1/4 NE
LINCOLN





Project Area

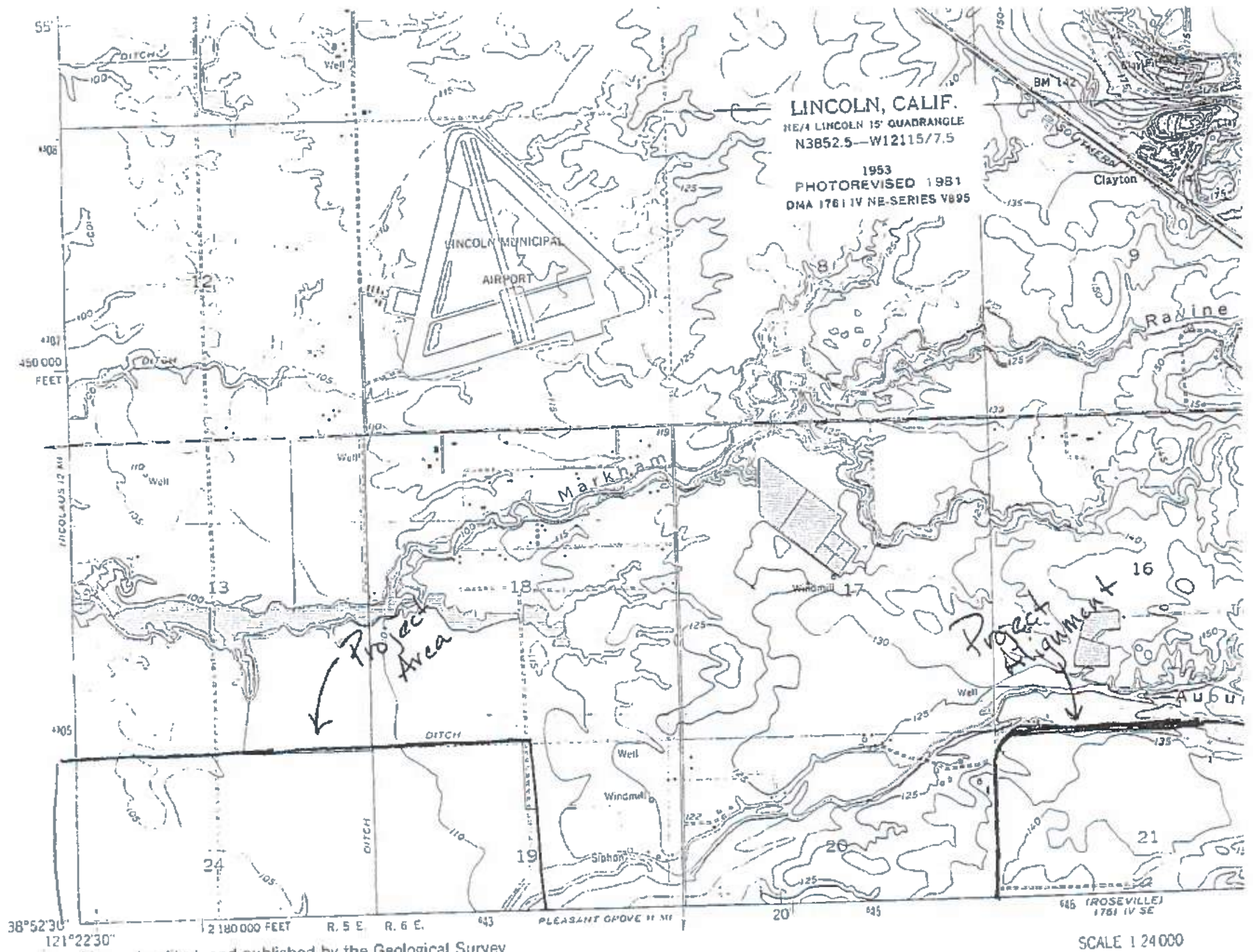
*PROSPECT
1761 N 3E*



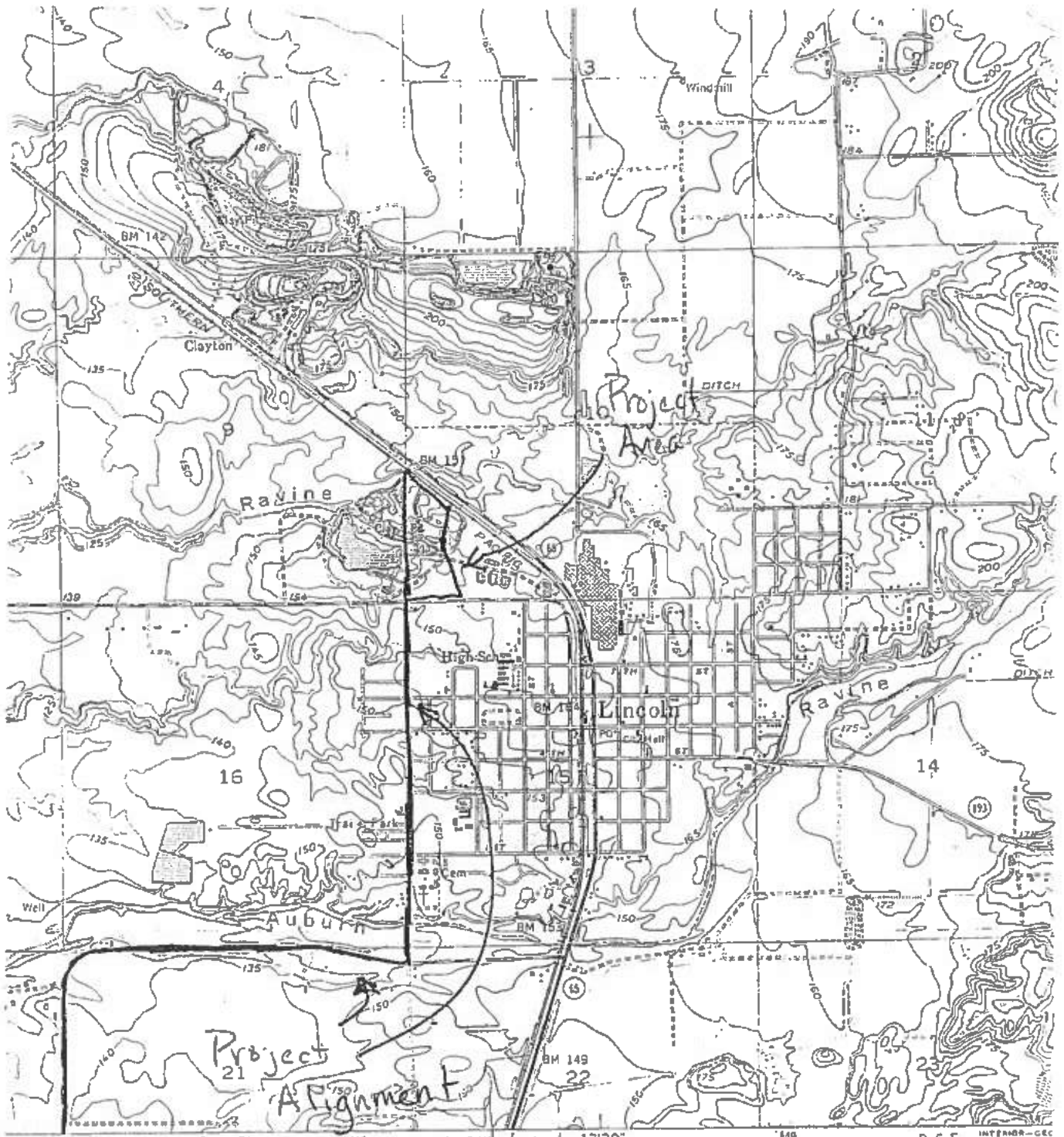
ROAD CLASSIFICATION

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Medium-duty	—————	4 LANE 15 FT ANCH	Unimproved dirt	-----
			U. S. Route	()
			State Route	()

SHERIDAN, CALIF.



... and published by the Geological Survey



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SCALE 1:24000



CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

LINCOLN, CALIF.
NE/4 LINCOLN 15' QUADRANGLE
N3852.5—W12115/7.5

1953
PHOTOREVISED 1981
DMA 1761 IV NE-SERIES V895

Heavy duty ———
Medium duty ———
□



QUADRANGLE LOCATION

faxed to 10/19/01

STATE OF CALIFORNIA

Gov. Davis Governor

NATIVE AMERICAN HERITAGE COMMISSION

915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-4032
Fax (916) 657-5388
Web Site www.nahc.ca.gov



October 22, 2001

Ms. Shahira Ashkar
Jones and Stokes
2600 V Street
Sacramento, California 95818-1914

RE: Proposed project Lincoln WWTP, Placer County.
Sent By Fax: (916) 737-3030
Pages Sent: 2

Dear Ms. Ashkar:

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 other 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) 653-4036.

Sincerely,

Debbie Pitas-Treadway
Debbie Pitas-Treadway
Environmental Specialist III

**NATIVE AMERICAN CONTACTS
Placer County
October 22, 2001**

Hickey J. Murray
4745 Koto Road
Placerville, CA 95667-9
Maidu

United Auburn Indian Community of the Auburn
John Suehead, Chairperson
661 Newcastle Road, Suite 1 Maidu
Newcastle, CA 95658 Miwok
916 663-3720
916 663-3727 - Fax

Rose Enos
15310 Bancroft Road
Auburn, CA 95603
(530) 878-2378
Maidu
Washoe

United Auburn Indian Community of the Auburn
Sam Starkey
953 Indian Rancheria Road Maidu
Auburn, CA 95603 Miwok
(530) 878-2378 - work
(530) 885-2533 - home

Shingle Springs Band of Miwok Indians
Jeff Murray, Cultural Resources Manager
P.O. Box 1340
Shingle, CA 95682
(530) 676-8010
(530) 676-8033 Fax
Miwok
Maidu

Todd Valley Miwok-Maidu Cultural Foundation
Christopher Suehead, Cultural Representative
PO Box 1490
Foresthill, CA 95691
(530) 367-3893 - Voice / Fax
tvm:mf@foothill.net
Miwok
Maidu

United Auburn Indian Community of the Auburn
David Keyser
961 Indian Rancheria Road
Auburn, CA 95603
(530) 885-8229 - Home
(916) 663-3720 - Work
Maidu
Miwok

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 7060.5 of the Health and Safety Code, Section 5057.94 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 the cultural assessment for the proposed project Lincoln WWTP, Placer County.



October 23, 2001

Hickey J. Murray
4745 Koto Road
Placerville, CA
95667

Re: Lincoln Wastewater Treatment Plant Project

Dear Mr. Murray:

Jones & Stokes Associates is conducting environmental and cultural resource studies for the City of Lincoln. The project goal is to construct a wastewater treatment plant to serve Lincoln, Rocklin, and surrounding communities. The project site is located south and west of the city of Lincoln, California (see enclosed map).

We are seeking comments from Native American representatives, and your name was supplied to us by the Native American Heritage Commission (NAHC) as a contact for this area. The search of the NAHC sacred lands database failed to indicate the presence of Native American Cultural Resources in the immediate project area. A cultural resource record search is currently being conducted at the North Central Information Center, at California State University, Sacramento. A field survey of the project site will be scheduled upon receipt of the records search and access to parcels. We would appreciate your comments identifying any concerns or issues pertinent to this project.

Thank you for your cooperation in this matter. If you have any questions, please call me.

Sincerely,

A handwritten signature in black ink, appearing to read "Shahira Ashkar".

Shahira Ashkar
Cultural Resource Specialist

Native American Contacts

Name	Affiliation	Phone Number	Comments
Hickey J. Murray	Maidu	No number	
Rose Enos	Maidu, Washoe	(530) 878-2378	2/14 - busy 2/15 - No concerns
Jeff Murray	Shingle Springs Band of Miwok Indians	(530) 676-8010	2/14 - busy 2/15 - left message
Christopher Suehead	Todd Valley Miwok-Maidu Cultural Foundation	(530) 367-3893	2/14, 1:30p - Left message
David Keyser	United Auburn Indian Community of Auburn	(916) 663-3720 (wk) (530) 885-8229 (hm)	2/14 - busy 2/15 - shouldn't talk to him, should talk to John Suehead
John Suehead	United Auburn Indian Community of Auburn	(916) 663-3720	Letter (11/20): No info regarding sacred sites, please inform in case of accidental discovery
Sam Starkey	United Auburn Indian Community of Auburn	(530) 878-2378 (wk) (530) 885-2533 (hm)	2/14 - busy 2/15 - shouldn't talk to him, should talk to John Suehead

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User task id: LASERJET
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OFFICE OF HISTORIC PRESERVATION * * * Directory of Properties in the Historic Property Data File for PLACER County.						Page 1	04-05-12				
PROPERTY-NUMBER	PRIMARY-N	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
108857	31-004192		LAKE ALTA	ALTA	P	1880	HIST.SURV.	5701-0002-0000	06/16/97	7R	
108874				ALTA	P	1930	HIST.SURV.	5701-0003-0000	06/16/97	7R	
184254			ALTA FOREBAY DAM	ALTA	P	1932	PROJ.REVW.	FERC110429A	07/29/11	6Y	
108917	31-004194	33800 ALTA BONNYNOOK RD		ALTA	P	1880	HIST.SURV.	5701-0004-0000	06/16/97	7R	
108920	31-004396	33945 ALTA BONNYNOOK RD	ALTA STORE AND RESTAURANT	ALTA	P	1900	HIST.SURV.	5701-0006-0000	06/16/97	7R	
108921	31-004397	34845 ALTA BONNYNOOK RD		ALTA	P	1930	HIST.SURV.	5701-0007-0000	06/16/97	7R	
109039	31-004398	320 CAINE RD		ALTA	P	1930	HIST.SURV.	5701-0008-0000	06/16/97	7R	
109655	31-004409	34227 E TOWLE RD	GEORGE TOWLE HOUSE	ALTA	P	1900	HIST.SURV.	5701-0019-0000	06/16/97	7R	
109720	31-004410	34818 E TOWLE RD		ALTA	P	1885	HIST.SURV.	5701-0020-0000	06/16/97	7R	
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109530	31-004402	192 OAK LANE		ALTA	P	1925	HIST.SURV.	5701-0012-0000	06/16/97	7R	
109570	31-004403	904 POWERHOUSE RD	ALTA POWERHOUSE	ALTA	P	1902	HIST.SURV.	5701-0013-0000	06/16/97	7R	
109640	31-004406	127 W TOWLE RD		ALTA	P	1935	HIST.SURV.	5701-0016-9999	06/16/97	7R	
109641	31-004407	142 W TOWLE RD		ALTA	P	1935	HIST.SURV.	5701-0017-0000	06/16/97	7R	
109642	31-004408	147 W TOWLE RD		ALTA	P	1930	HIST.SURV.	5701-0018-0000	06/16/97	7R	
108918	31-004395	33915 ALTA BONNYNOOK RD		(VIC) ALTA	P	1910	HIST.SURV.	5701-0005-0000	06/16/97	7R	
109047	31-004399	265 CENTRAL PACIFIC LANE		(VIC) ALTA	P	1930	HIST.SURV.	5701-0009-0000	06/16/97	7R	
109523	31-004400	101 MURRAY RANCH RD		(VIC) ALTA	P	1900	HIST.SURV.	5701-0010-0000	06/16/97	7R	
108835		MARY RED RD		(VIC) ALTA	U	1940	HIST.SURV.	5701-0001-0000	06/16/97	7R	
109583	31-004404	33426 RIDGE RD	QUARTZ LODGE	(VIC) ALTA	P	1890	HIST.SURV.	5701-0014-9999	06/16/97	7R	
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108927	31-004413	16560 APPELEGATE RD		APPELEGATE	P	1930	HIST.SURV.	9570-0003-0000	06/16/97	7R	
108928	31-004414	17380 APPELEGATE RD		APPELEGATE	P	1905	HIST.SURV.	9570-0004-0000	06/16/97	7R	
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108936	31-004417	17814 APPELEGATE RD		APPELEGATE	P	1920	HIST.SURV.	9570-0007-0000	06/16/97	7R	
108937	31-004418	17923 APPELEGATE RD	APPELEGATE MOTEL	APPELEGATE	P	1930	HIST.SURV.	9570-0008-9999	06/16/97	7R	
108938	31-004419	17983 APPELEGATE RD		APPELEGATE	P	1935	HIST.SURV.	9570-0009-0000	06/16/97	7R	
108939	31-004420	18012 APPELEGATE RD		APPELEGATE	P	1930	HIST.SURV.	9570-0010-0000	06/16/97	7R	
108985	31-004422	18086 APPELEGATE RD		APPELEGATE	P	1915	HIST.SURV.	9570-0012-0000	06/16/97	7R	
108986	31-004423	18320 APPELEGATE RD		APPELEGATE	P	1930	HIST.SURV.	9570-0013-0000	06/16/97	7R	
108988	31-004425	18710 APPELEGATE RD		APPELEGATE	P	1930	HIST.SURV.	9570-0015-0000	06/16/97	7R	
108989	31-004426	18925 APPELEGATE RD	THE HEATHER GLEN HOUSE	APPELEGATE	P	1919	HIST.SURV.	9570-0016-0000	06/16/97	7R	
185346	31-002448	BON VUE RD	BOARDMAN CANAL FEEDER SEGMENT	APPELEGATE	P	1890	PROJ.REVW.	EPA110602A	09/26/11	6Y	
109018	31-004429	651 BOOLE RD		APPELEGATE	P	1910	HIST.SURV.	9570-0019-0000	06/16/97	7R	
109019	31-004430	655 BOOLE RD		APPELEGATE	P	1936	HIST.SURV.	9570-0020-0000	06/16/97	7R	
109020	31-004431	710 BOOLE RD		APPELEGATE	P	1925	HIST.SURV.	9570-0021-0000	06/16/97	7R	
109022	31-004432	1001 BOOLE RD		APPELEGATE	P	1885	HIST.SURV.	9570-0022-9999	06/16/97	7R	
109072	31-004434	91 CROTHER RD		APPELEGATE	P	1925	HIST.SURV.	9570-0024-0000	06/16/97	7R	
109073	31-004435	201 CROTHER RD		APPELEGATE	P	1920	HIST.SURV.	9570-0025-0000	06/16/97	7R	
109074	31-004436	240 CROTHER RD		APPELEGATE	P	1915	HIST.SURV.	9570-0026-0000	06/16/97	7R	
109086	31-004437	251 CROTHER RD		APPELEGATE	P	1900	HIST.SURV.	9570-0027-0000	06/16/97	7R	
109087	31-004438	380 CROTHER RD		APPELEGATE	P	1910	HIST.SURV.	9570-0028-0000	06/16/97	7R	
109591	31-004446	625 RIGBY LANE		APPELEGATE	P	1940	HIST.SURV.	9570-0037-0000	06/16/97	7R	
185343			BOARDMAN CANAL SEGMENT	(VIC) APPELEGATE	M	1870	PROJ.REVW.	EPA110602A	09/26/11	6Y	
185344			SOUTHERN PACIFIC RAILROAD BRIDGE (	(VIC) APPELEGATE	P	1909	PROJ.REVW.	EPA110602A	09/26/11	6Y	
108984	31-004421	18016 APPELEGATE RD		(VIC) APPELEGATE	P	1910	HIST.SURV.	9570-0011-0000	06/16/97	7R	
108987		18325 APPELEGATE RD		(VIC) APPELEGATE	P	1930	HIST.SURV.	9570-0014-9999	06/16/97	7R	
108990	31-004427	521 APPELEGATE SCHOOL RD		(VIC) APPELEGATE	P	1915	HIST.SURV.	9570-0017-0000	06/16/97	7R	
108823		BOOLE RD		(VIC) APPELEGATE	P	1865	HIST.SURV.	9570-0001-0000	06/16/97	7R	
109023	31-004433	625 BOWMAN RD		(VIC) APPELEGATE	P	1935	HIST.SURV.	9570-0023-0000	06/16/97	7R	
109653	31-004452	302 CLIPPER GAP RD		(VIC) APPELEGATE	P	1896	HIST.SURV.	9570-0043-0000	06/16/97	7R	
109654	31-004453	15820 CLIPPER GAP RD	CLIPPER GAP SCHOOLHOUSE	(VIC) APPELEGATE	C	1897	HIST.SURV.	9570-0044-0000	06/16/97	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS.....	NAMES.....	CITY NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
108824	31-004412	CROTHER RD	BEAR RIVER CANAL BRIDGE	(VIC) APPELEGATE	C	1935	HIST.SURV.	9570-0002-0000	06/16/97	7R	
109088	31-004439	400 CROTHER RD		(VIC) APPELEGATE	P	1880	HIST.SURV.	9570-0029-9999	06/16/97	7R	
109471	31-004440	17025 LAKE ARTHUR RD		(VIC) APPELEGATE	P	1915	HIST.SURV.	9570-0030-9999	06/16/97	7R	
109504	31-004441	105 MEADOW GATE RD		(VIC) APPELEGATE	P	1920	HIST.SURV.	9570-0031-0000	06/16/97	7R	
109542	31-004442	790 PINE KNOLL RD		(VIC) APPELEGATE	P	1910	HIST.SURV.	9570-0033-9999	06/16/97	7R	
109543	31-004443	795 PINE KNOLL RD		(VIC) APPELEGATE	P	1930	HIST.SURV.	9570-0034-0000	06/16/97	7R	
109589	31-004444	550 RIGBY LANE		(VIC) APPELEGATE	P	1925	HIST.SURV.	9570-0035-0000	06/16/97	7R	
109590	31-004445	624 RIGBY LANE		(VIC) APPELEGATE	P	1940	HIST.SURV.	9570-0036-0000	06/16/97	7R	
109612	31-004447	710 SIERRA PINES WY		(VIC) APPELEGATE	P	1930	HIST.SURV.	9570-0038-0000	06/16/97	7R	
109613	31-004448	720 SIERRA PINES WY		(VIC) APPELEGATE	P	1915	HIST.SURV.	9570-0039-0000	06/16/97	7R	
109620	31-004449	16767 SPRING CREEK RD		(VIC) APPELEGATE	P	1930	HIST.SURV.	9570-0040-0000	06/16/97	7R	
109621	31-004450	100 STONEHOUSE RD		(VIC) APPELEGATE	P	1940	HIST.SURV.	9570-0041-0000	06/16/97	7R	
109643	31-004451	585 WEAVER HILL LANE		(VIC) APPELEGATE	P	1910	HIST.SURV.	9570-0042-0000	06/16/97	7R	
128250			FREEMAN CANAL			1911	HIST.RES.	DOE-31-01-0010-0000	07/20/01	6Y	
							PROJ.REVW.	USDA010622A	07/20/01	6Y	
163762			MINI TRACK TRASH SCATTER	AUBURN	S	1860	PROJ.REVW.	BDR061020A	10/24/06	6Y	
176970			MID COMBIE OPHIR IV CANAL SEGMENT	AUBURN	D	1880	PROJ.REVW.	BDR091102B	11/10/09	6Y	
177212			ARCHITECTURAL AND HISTORIC RESOURC	AUBURN	PM	1845	NAT.REG.	31-0051	12/23/09	7J	
179759			BOWMAN CANAL	AUBURN	P	1916	PROJ.REVW.	FERC100719A	08/06/10	6Y	
							PROJ.REVW.	FERC100719A	08/06/10	6Y	
179762			HALSEY DAM	AUBURN	P						
045516	31-003987	125 AEOLIA DR		AUBURN	P	1910	HIST.SURV.	5603-0017-0000		5S2	
045517	31-003988	131 AEOLIA DR		AUBURN	P	1900	HIST.SURV.	5603-0018-0000		5S2	
045518	31-003989	137 AEOLIA DR		AUBURN	P	1910	HIST.SURV.	5603-0019-0000		5S2	
045519	31-003990	169 AEOLIA DR		AUBURN	P	1915	HIST.SURV.	5603-0020-0000		3S	
045520	31-003991	175 AEOLIA DR		AUBURN	P	1930	HIST.SURV.	5603-0021-0000		7N	
045521	31-003992	185 AEOLIA DR		AUBURN	P	1890	HIST.SURV.	5603-0022-0000		7N	
045522	31-003993	193 AEOLIA DR	JASON SMITH HOUSE	AUBURN	P	1889	HIST.SURV.	5603-0023-0000		5S2	
045523	31-003994	225 AEOLIA DR	AMBROSE HOME, CASSIDY HOME	AUBURN	P	1880	HIST.SURV.	5603-0024-0000		3S	
045524	31-003995	302 AEOLIA DR	VAN NORDEN HOME, J. GREGORY/T.L. C	AUBURN	P	1920	HIST.SURV.	5603-0025-0000		7N	
045525	31-003996	306 AEOLIA DR		AUBURN	P	1918	HIST.SURV.	5603-0026-0000		3S	
045526	31-003997	320 AEOLIA DR		AUBURN	P	1918	HIST.SURV.	5603-0027-0000		5S2	
045527	31-003998	328 AEOLIA DR	BIRDSALL OLIVE PROCESSING PLANT	AUBURN	P	1890	HIST.SURV.	5603-0028-0000		7N	
045420	31-005314	111 AGARD ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0001		5D2	
045421	31-005315	117 AGARD ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0002		5D2	
045422		121 AGARD ST		AUBURN	P	1925	HIST.SURV.	5603-0015-0003		7R	
045423	31-005316	129 AGARD ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0004		5D2	
045424	31-005317	133 AGARD ST		AUBURN	P	1915	HIST.SURV.	5603-0015-0005		5D2	
045425	31-003948	139 AGARD ST		AUBURN	P	1925	HIST.SURV.	5603-0015-0006		5B	
045528	31-003999	127 AGNES ST		AUBURN	P	1930	HIST.SURV.	5603-0029-0000		5S2	
045339	31-003907	134 ALMOND ST	RUPLEY'S BUICK AGENCY, GOODYEAR TI	AUBURN	P	1930	HIST.SURV.	5603-0010-0048		5B	
045531	31-004002	146 ALMOND ST	RUPLEY HOME	AUBURN	P	1925	HIST.SURV.	5603-0032-0000		5S2	
045529	31-004000	150 ALMOND ST	BESSIE DESMONDS BEAUTY PARLOR	AUBURN	P	1920	HIST.SURV.	5603-0030-0000		5S2	
045530	31-004001	155 ALMOND ST		AUBURN	P	1920	HIST.SURV.	5603-0031-0000		5S2	
045532	31-004003	158 ALMOND ST	LONGHURST RESIDENCE	AUBURN	P	1920	HIST.SURV.	5603-0033-0000		5S2	
045533	31-004004	165 ALMOND ST		AUBURN	P	1910	HIST.SURV.	5603-0034-0000		5S2	
045534	31-004005	174 ALMOND ST	HOLLENBECK RESIDENCE SITE	AUBURN	P	1868	HIST.SURV.	5603-0035-0000		7R	
045535	31-004006	175 ALMOND ST	AUBURN PUBLIC LIBRARY / OLD AUBURN	AUBURN	M	1909	HIST.RES.	NPS-11000153-0000	03/31/11	1B	AC
							NAT.REG.	31-0048	12/23/09	3S	AC
							HIST.RES.	SPHI-PLA-022	09/11/00	1CL	
							ST.PT.INT.	31-0015		7L	
							HIST.SURV.	5603-0036-0000		3S	
045536	31-004007	185 ALMOND ST	CHAMBERLAIN HOUSE	AUBURN	P	1915	HIST.SURV.	5603-0037-0000		5S2	
045537	31-004008	188 ALMOND ST		AUBURN	P	1920	HIST.SURV.	5603-0038-0000		5S2	
045538	31-004009	195 ALMOND ST	DYER HOME	AUBURN	P	1910	HIST.SURV.	5603-0039-0000		3S	

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045539	31-004010	198 ALMOND ST		AUBURN	P	1895	HIST.SURV.	5603-0040-0000			5S2
045260	31-003797	277 AUBURN FOLSOM RD	TRAVELER'S REST & WINERY, BERNHARD	AUBURN	C	1860	FED.FND.PR	629.0-01-HPF-31-02	01/01/81	7L	
							FED.FND.PR	629.0-75-HPF-31-01	01/01/75	7L	
							HIST.SURV.	5603-0001-0058	12/29/70	1D	
108998	31-005134	3200 AUBURN FOLSOM RD		AUBURN	P	1930	HIST.SURV.	5603-0388-0000	06/16/97	7R	
108999	31-005135	3995 AUBURN FOLSOM RD	AUBURN-FOLSOM ROAD LOG STORE	AUBURN	P	1948	HIST.SURV.	5603-0389-0000	06/16/97	7R	
045541	31-004207	AUBURN RAVINE RD	MARGUERITE MINE SITE	AUBURN	P	1880	HIST.SURV.	5603-0042-0000		7R	
045540	31-004206	591 AUBURN RAVINE RD	HOLSCLAW HOME	AUBURN	P	1938	HIST.SURV.	5603-0041-0000		5S2	
096112	11499	B AVE	OES BUILDING #7	AUBURN	C	1943	HIST.RES.	DSA-31-SPS-3073	04/17/95	6J	
109742		BELL RD	STEPS, WALKWAY	AUBURN	P		PROJ.REVW.	FHWA970430A	07/22/97	6Y	
173442		2835 BELL RD		AUBURN	P	2002	PROJ.REVW.	FDIC080320E	05/27/08	6Y	
109744		5130 BELL RD	DITCH	AUBURN	P		PROJ.REVW.	FHWA970430A	07/22/97	6Y	
045542	31-004208	123 BIRDSALL AVE	BIRDSALL HOME	AUBURN	P	1910	HIST.SURV.	5603-0041-0000		5S2	
045543	31-004209	110 BLAIR ST		AUBURN	P	1915	HIST.SURV.	5603-0044-0000		7N	
045544	31-004210	150 BLAIR ST		AUBURN	P	1920	HIST.SURV.	5603-0045-0000		5S2	
118873		200 BLOCKER DR	DAWSON OIL COMPANY (CHEVRON)	AUBURN	P	1928	HIST.RES.	DOE-31-98-0006-0000	01/21/98	6Y	
							PROJ.REVW.	FHWA971218A	01/21/98	6Y	
045545	31-004211	198 BOARDMAN ST	OGLE HOUSE	AUBURN	P	1927	HIST.SURV.	5603-0046-0000		5S2	
045546	31-004212	200 BOARDMAN ST		AUBURN	P	1920	HIST.SURV.	5603-0047-0000		5S2	
045547	31-004213	294 BOARDMAN ST	SHIELDS HOME	AUBURN	P	1890	HIST.SURV.	5603-0048-0000		5S2	
045548	31-004214	345 BOARDMAN ST		AUBURN	P	1920	HIST.SURV.	5603-0049-0000		5S2	
045549	31-004215	351 BOARDMAN ST		AUBURN	P	1885	HIST.SURV.	5603-0050-0000		5S2	
045550	31-004216	390 BOARDMAN ST	PURINGTON HOUSE	AUBURN	P	1900	HIST.SURV.	5603-0051-0000		5S2	
178025		169 BORLAND AVE		AUBURN	P		PROJ.REVW.	FCC100203C	02/10/10	6Y	
045551	31-004217	175 BORLAND AVE	WALSH FAMILY HOME	AUBURN	P	1920	HIST.SURV.	5603-0052-0000		7N	
045552	31-004218	177 BORLAND AVE		AUBURN	P	1890	HIST.SURV.	5603-0053-0000		3S	
045553	31-004219	205 BROOK RD	CARRIAGE HOUSE AND STABLES	AUBURN	P	1890	HIST.SURV.	5603-0054-0000		5S2	
045554	31-004220	211 BROOK RD	EL TOYON, COSBY HOUSE	AUBURN	P	1889	HIST.RES.	NPS-10000118-0000	01/31/10	1S	C
							NAT.REG.	31-0039	11/12/09	3S	C
							HIST.SURV.	5603-0055-0000		3S	
045555	31-004221	160 CALIFORNIA ST	MARTIN HOME	AUBURN	P	1925	HIST.SURV.	5603-0056-0000		5S2	
045556	31-004222	190 CALIFORNIA ST	THE HAMILTON HOME	AUBURN	P	1907	HIST.SURV.	5603-0057-0000		5S2	
045557	31-004223	191 CALIFORNIA ST	FORD HOUSE, FORD HOME	AUBURN	P	1911	HIST.SURV.	5603-0058-0000		5S2	
045558	31-004224	211 CALIFORNIA ST		AUBURN	P	1925	HIST.SURV.	5603-0059-0000		5S2	
045559	31-004225	255 CALIFORNIA ST	LUKENS HOME, LUKENS HOME	AUBURN	P	1911	HIST.SURV.	5603-0060-0000		5S2	
045560	31-004011	296 CALIFORNIA ST	MISLEY HOUSE	AUBURN	P	1900	HIST.SURV.	5603-0061-0000		5S2	
108822	31-001109	CANAL RD	WISE CANAL	AUBURN	M	1940	HIST.SURV.	5603-0362-0000	06/16/97	7R	
045372	31-003925	156 CENTER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0024		7N	
045373	31-003926	170 CENTER ST	ELDER HOME	AUBURN	P	1920	HIST.SURV.	5603-0011-0025		7N	
045374	31-003927	173 CENTER ST		AUBURN	P	1920	HIST.SURV.	5603-0011-0026		7N	
045375	31-003928	204 CENTER ST		AUBURN	P	1915	HIST.SURV.	5603-0011-0027		7N	
045376	31-003929	223 CENTER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0028		7N	
045377	31-003930	213 CENTER ST		AUBURN	P	1915	HIST.SURV.	5603-0011-0029		7N	
045561	31-004012	271 CENTER ST	HUCKABY HOUSE	AUBURN	S	1903	HIST.SURV.	5603-0062-0000		5S2	
045562	31-004013	325 CHAMBERLAIN ST		AUBURN	P	1920	HIST.SURV.	5603-0063-0000		5S2	
109049	31-005141	465 CHANNEL HILL RD E		AUBURN	P	1930	HIST.SURV.	5603-0396-0000	06/16/97	7R	
045563	31-004014	160 CHERRY AVE		AUBURN	P	1895	HIST.SURV.	5603-0064-0000		5S2	
045564	31-004015	185 CHERRY AVE	BAMBROCK STUDIO, DENTAL OFFICE - D	AUBURN	P	1920	HIST.SURV.	5603-0065-0000		5S2	
045565	31-004016	195 CHERRY AVE		AUBURN	P	1887	HIST.SURV.	5603-0066-0000		7N	
045303	31-003891	199 CHERRY AVE	TIP TOP SHOE REPAIR	AUBURN	P	1940	HIST.SURV.	5603-0010-0012		5D2	
045566	31-004017	216 CHERRY AVE		AUBURN	P	1910	HIST.SURV.	5603-0067-0000		5S2	
045567	31-004018	230 CHERRY AVE		AUBURN	P	1890	HIST.SURV.	5603-0068-0000		5S2	
045568	31-004019	248 CHERRY AVE	MULFORD HOME, EARL CRADDE HOME	AUBURN	P	1910	HIST.SURV.	5603-0069-0000		7N	
045569	31-004020	251 CHERRY AVE		AUBURN	P	1906	HIST.SURV.	5603-0070-0000		5S2	
045570	31-004021	274 CHERRY AVE	GORDON DAVIS HOUSE	AUBURN	P	1926	HIST.SURV.	5603-0071-0000		5S2	
045571	31-004022	284 CHERRY AVE		AUBURN	P	1895	HIST.SURV.	5603-0072-0000		5S2	

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045572	31-004023	164 CLEVELAND ST	POWERS MANSION/MACKAY HOUSE, POWER	AUBURN	P	1900	HIST. SURV.	5603-0073-0000			7N
045409	31-003932	COLLEGE WY	COLLEGE WAY, COLLEGE WAY DISTRICT	AUBURN	P	1880	HIST. SURV.	5603-0012-9999			3D
045379		100 COLLEGE WY		AUBURN	P	1960	HIST. SURV.	5603-0012-0001			7R
045380		108 COLLEGE WY		AUBURN	P	1960	HIST. SURV.	5603-0012-0002			7R
045381		112 COLLEGE WY		AUBURN	P	1960	HIST. SURV.	5603-0012-0003			7R
045382	31-005296	118 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0004			3D
045384	31-003933	124 COLLEGE WY		AUBURN	P	1927	HIST. SURV.	5603-0012-0006			3D
045383	31-005297	126 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0005			3D
045385	31-003934	130 COLLEGE WY		AUBURN	P	1928	HIST. SURV.	5603-0012-0007			3D
045386	31-003935	136 COLLEGE WY	WALDO HOUSE	AUBURN	P	1918	HIST. SURV.	5603-0012-0008			3D
045387	31-005298	142 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0009			3D
045388	31-005299	146 COLLEGE WY		AUBURN	P	1910	HIST. SURV.	5603-0012-0010			3D
045389		150 COLLEGE WY		AUBURN	P	1922	HIST. SURV.	5603-0012-0011			3D
045391	31-003936	151 COLLEGE WY	JUDGE LANDIS HOME	AUBURN	P	1927	HIST. SURV.	5603-0012-0013			3D
045392	31-003937	155 COLLEGE WY	AUBURN SCHOOL PARK COOPER AMPHITHE	AUBURN	M	1935	PROJ. REVW.	COE050106A	05/03/05		6Y
							HIST. SURV.	5603-0012-0014			3D
045390	31-005300	156 COLLEGE WY		AUBURN	P	1910	HIST. SURV.	5603-0012-0012			3D
045393	31-003938	161 COLLEGE WY	CASSIDY HOME	AUBURN	P	1890	HIST. SURV.	5603-0012-0015			3D
045394	31-005301	162 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0016			3D
045396	31-003939	167 COLLEGE WY		AUBURN	P	1885	HIST. SURV.	5603-0012-0018			3D
045397	31-003940	168 COLLEGE WY	HOWELL RESIDENCE	AUBURN	P	1923	HIST. SURV.	5603-0012-0019			3D
045398	31-003941	173 COLLEGE WY		AUBURN	P	1910	HIST. SURV.	5603-0012-0020			5B
045399	31-003942	174 COLLEGE WY		AUBURN	P	1925	HIST. SURV.	5603-0012-0021			3D
045395	31-005302	181 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0017			3D
045408	31-003943	182 COLLEGE WY	BRUNDAGE RESIDENCE	AUBURN	P	1920	HIST. SURV.	5603-0012-0030			3B
045400		183 COLLEGE WY		AUBURN	P	1950	HIST. SURV.	5603-0012-0022			7R
045401		188 COLLEGE WY		AUBURN	P	1960	HIST. SURV.	5603-0012-0023			7R
045402		189 COLLEGE WY		AUBURN	P	1925	HIST. SURV.	5603-0012-0024			3D
045403	31-005303	192 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0025			3D
045404	31-005304	193 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0026			3D
045405	31-005305	196 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0027			3D
045406	31-005306	199 COLLEGE WY		AUBURN	P	1920	HIST. SURV.	5603-0012-0028			3D
045210	31-003764	COMMERCIAL ST	LAWYERS ROW	AUBURN	P	1855	HIST. SURV.	5603-0001-0008	12/29/70		1D
045211	31-003778	301 COMMERCIAL ST	NATIVE SONS BUILDING	AUBURN	P	1857	HIST. SURV.	5603-0001-0009	12/29/70		1D
045212		321 COMMERCIAL ST	LAWYERS ROW / CUT ABOVE	AUBURN	P	1857	TAX. (NPS)	005780CA800659	10/06/80		2D
							HIST. SURV.	5603-0001-0010	12/29/70		1D
045213		337 COMMERCIAL ST	BARGAIN HILL CO-OP	AUBURN	P	1857	HIST. SURV.	5603-0001-0011	12/29/92		1D
045214		347 COMMERCIAL ST	PLACER COUNTY BANK	AUBURN	P	1887	HIST. SURV.	5603-0001-0012	12/29/70		1D
045215		351 COMMERCIAL ST		AUBURN	P	1857	HIST. SURV.	5603-0001-0013	12/29/70		1D
045216	31-003779	135 COURT ST	LAW SHOPPE	AUBURN	P	1920	TAX. (NPS)	CA760007	03/14/78		7K
							HIST. SURV.	5603-0001-0014	12/29/70		1D
045217	31-003780	165 COURT ST		AUBURN	P	1890	HIST. SURV.	5603-0001-0015	12/29/70		1D
045418	31-003944	CRUTCHER CT	CRUTCHER COURT, CRUTCHER COURT DIS	AUBURN	P	1925	HIST. SURV.	5603-0013-9999			5D2
045410	31-005307	100 CRUTCHER CT		AUBURN	P	1930	HIST. SURV.	5603-0013-0001			5D2
045411	31-005308	101 CRUTCHER CT		AUBURN	P	1925	HIST. SURV.	5603-0013-0002			5D2
045412	31-005309	133 CRUTCHER CT		AUBURN	P	1925	HIST. SURV.	5603-0013-0003			5D2
045413	31-005310	136 CRUTCHER CT		AUBURN	P	1925	HIST. SURV.	5603-0013-0004			5D2
045414	31-005311	145 CRUTCHER CT		AUBURN	P	1925	HIST. SURV.	5603-0013-0005			7R
045415	31-005312	162 CRUTCHER CT		AUBURN	P	1930	HIST. SURV.	5603-0013-0006			5D2
045417	31-003945	173 CRUTCHER CT		AUBURN	P	1925	HIST. SURV.	5603-0013-0008			5D2
045416	31-005313	190 CRUTCHER CT		AUBURN	P	1925	HIST. SURV.	5603-0013-0007			5D2
109273	31-005145	11222 DRY CREEK RD		AUBURN	P	1900	HIST. SURV.	5603-0400-0000	06/16/97		7R
109274	31-005146	11860 DRY CREEK RD		AUBURN	P	1920	HIST. SURV.	5603-0401-0000	06/16/97		7R
109275	31-005147	12045 DRY CREEK RD		AUBURN	P	1920	HIST. SURV.	5603-0402-0000	06/16/97		7R
109276	31-005148	13600 DRY CREEK RD		AUBURN	P	1940	HIST. SURV.	5603-0403-0000	06/16/97		7R
045584	31-004034	186 E ELECTRIC ST		AUBURN	P	1930	HIST. SURV.	5603-0085-0000			5S2

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
045645	31-004095	275 E LINCOLN WY		AUBURN	P	1920	HIST.SURV.	5603-0146-0000			5S2
045646	31-004096	293 E LINCOLN WY		AUBURN	P	1900	HIST.SURV.	5603-0147-0000			5S2
045648	31-004098	297 E LINCOLN WY		AUBURN	P	1900	HIST.SURV.	5603-0149-0000			5S2
045736	31-004104	130 E PLACER ST	CHISHOLM HOME	AUBURN	P	1885	HIST.SURV.	5603-0237-0000			7N
045737	31-004105	146 E PLACER ST		AUBURN	P	1900	HIST.SURV.	5603-0238-0000			5S2
045738	31-004106	154 E PLACER ST		AUBURN	P	1895	HIST.SURV.	5603-0239-0000			3S
045739	31-004187	171 E PLACER ST	MCBRIDE HOUSE	AUBURN	P	1910	HIST.SURV.	5603-0240-0000			5S2
045573	31-004024	100 E ST	AUBURN VETERANS MEMORIAL HALL AND	AUBURN	C	1931	HIST.SURV.	5603-0074-0000			3S
045574	31-004025	126 E ST		AUBURN	S	1899	HIST.SURV.	5603-0075-0000			3S
045575	31-004026	134 E ST		AUBURN	S	1920	HIST.SURV.	5603-0076-0000			7R
045576	31-004027	EL DORADO ST	AUBURN FIRE HOUSE 1 / OLD AUBURN F	AUBURN	M	1888	HIST.RES.	NPS-11000936-0000	12/19/11	1S	C
							NAT.REG.	31-0050	08/05/11	3S	C
							HIST.SURV.	5603-0077-0000			5B
045577	31-000796	EL DORADO ST	BOARDMAN CANAL	AUBURN	C	1860	HIST.SURV.	5603-0078-0000			7N
045578	31-004028	115 ELECTRIC ST		AUBURN	P	1930	HIST.SURV.	5603-0079-0000			5S2
045579	31-004029	124 ELECTRIC ST		AUBURN	P	1920	HIST.SURV.	5603-0080-0000			5S2
045580	31-004030	132 ELECTRIC ST		AUBURN	P	1920	HIST.SURV.	5603-0081-0000			5S2
045581	31-004031	134 ELECTRIC ST		AUBURN	P	1920	HIST.SURV.	5603-0082-0000			5S2
045582	31-004032	183 ELECTRIC ST		AUBURN	P	1930	HIST.SURV.	5603-0083-0000			5S2
045583	31-004033	185 ELECTRIC ST		AUBURN	P	1911	HIST.SURV.	5603-0084-0000			5S2
045585	31-004035	202 ELECTRIC ST		AUBURN	P	1930	HIST.SURV.	5603-0086-0000			5S2
045586	31-004036	224 ELECTRIC ST		AUBURN	P	1930	HIST.SURV.	5603-0087-0000			5S2
045587	31-004037	257 ELM AVE		AUBURN	S	1920	HIST.SURV.	5603-0088-0000			7R
045588	31-004038	303 ELM AVE		AUBURN	S	1900	HIST.SURV.	5603-0089-0000			5S2
045589	31-004039	373 ELM AVE	AUBURN HOUSE ANTIQUES	AUBURN	P	1900	HIST.SURV.	5603-0090-0000			5S2
045476	31-003947	FINLEY ST	HALE TRACT & COLLEGE TRACT, HALE,	AUBURN	P	1890	HIST.SURV.	5603-0015-9999			5D2
045426	31-003949	124 FINLEY ST		AUBURN	P	1915	HIST.SURV.	5603-0015-0007			5B
045427		134 FINLEY ST		AUBURN	P	1920	HIST.SURV.	5603-0015-0008			7R
045429	31-003950	135 FINLEY ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0010			5B
045470	31-003972	146 FINLEY ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0052			5B
045428		150 FINLEY ST		AUBURN	P	1965	HIST.SURV.	5603-0015-0009			7R
045430	31-003951	151 FINLEY ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0011			5D2
045431		165 FINLEY ST		AUBURN	P	1920	HIST.SURV.	5603-0015-0012			7R
045432		170 FINLEY ST		AUBURN	P	1950	HIST.SURV.	5603-0015-0013			7R
045433		181 FINLEY ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0014			7R
045434	31-003952	190 FINLEY ST	AUBURN FIRST CHURCH OF CHRIST SCIE	AUBURN	P	1928	HIST.SURV.	5603-0015-0015			5B
045590	31-004040	209 FINLEY ST		AUBURN	P	1890	HIST.SURV.	5603-0091-0000			5S2
045591	31-004041	215 FINLEY ST		AUBURN	P	1890	HIST.SURV.	5603-0092-0000			5S2
045592	31-004042	345 FINLEY ST		AUBURN	P	1925	HIST.SURV.	5603-0093-0000			5S2
045593	31-004043	390 FINLEY ST		AUBURN	P	1930	HIST.SURV.	5603-0094-0000			5S2
045594	31-004044	445 FINLEY ST		AUBURN	P	1930	HIST.SURV.	5603-0095-0000			5S2
045595	31-004045	449 FINLEY ST		AUBURN	P	1930	HIST.SURV.	5603-0096-0000			5S2
045477	31-003979	203 FORESTHILL AVE		AUBURN	P	1910	HIST.SURV.	5603-0016-0001			7N
045478	31-005325	209 FORESTHILL AVE		AUBURN	P	1890	HIST.SURV.	5603-0016-0002			5D2
045596	31-004046	210 FORESTHILL AVE		AUBURN	P	1888	HIST.SURV.	5603-0097-0000			5B
045479	31-005326	225 FORESTHILL AVE		AUBURN	P	1896	HIST.SURV.	5603-0016-0003			5D2
045480	31-005327	235 FORESTHILL AVE		AUBURN	P	1900	HIST.SURV.	5603-0016-0004			5D2
045481	31-005328	241 FORESTHILL AVE		AUBURN	P	1890	HIST.SURV.	5603-0016-0005			5D2
045482		245 FORESTHILL AVE		AUBURN	P	1915	HIST.SURV.	5603-0016-0006			7R
045483	31-005329	248 FORESTHILL AVE		AUBURN	P	1910	HIST.SURV.	5603-0016-0007			5D2
045484	31-003980	249 FORESTHILL AVE	DOCTOR SNYPP HOUSE	AUBURN	P	1890	HIST.SURV.	5603-0016-0008			3S
045597	31-004047	315 FORESTHILL AVE		AUBURN	P	1925	HIST.SURV.	5603-0098-0000			5S2
045598	31-004048	325 FORESTHILL AVE		AUBURN	P	1920	HIST.SURV.	5603-0099-0000			5S2
045599	31-004049	330 FORESTHILL AVE		AUBURN	P	1930	HIST.SURV.	5603-0100-0000			5S2
045600	31-004050	365 FORESTHILL AVE		AUBURN	P	1890	HIST.SURV.	5603-0101-0000			5S2
045601	31-004051	397 FORESTHILL AVE		AUBURN	P	1918	HIST.SURV.	5603-0102-0000			5S2

OFFICE OF HIS- PROPERTY-NUMBER	IC PRESERVATION PRIMARY-#	STREET ADDRESS	Directory of Properties in the Historic Property NAMES	Data File for PLACER County CITY NAME	OWN	YR-C	Page 6 OHP-PROG..	04-05-12 PROG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
045602	31-004052	480 FORESTHILL AVE		AUBURN	P	1940	HIST. SURV.	5603-0103-0000			7N
045603	31-004053	FULWEILER AVE	OLD AUBURN DISTRICT CEMETERY, CEME	AUBURN	C	1881	HIST. SURV.	5603-0104-0000			7N
045604	31-004054	175 FULWEILER AVE	THE DOMES, PLACER CO. ADMINSTRATI	AUBURN	C	1966	HIST. SURV.	5603-0105-0000			7N
118866		135 FULWEILER ST	PLACER COUNTY ADMIN. BUILDING-AUDI	AUBURN	M	1964	HIST. RES. PROJ. REVW.	DOE-31-98-0001-0000 FHWA971218A	01/21/98		6Y
089241		190 GARFIELD ST		AUBURN	P	1880	PROJ. REVW.	HUD930722C			05/02/94 6Y
089240		245 GARFIELD ST		AUBURN	P	1923	PROJ. REVW.	HUD930722C			05/02/94 6Y
045605	31-004055	261 GARFIELD ST		AUBURN	P	1920	PROJ. REVW. HIST. SURV.	HUD930722C 5603-0106-0000			05/02/94 6Y 5S2
089238		295 GARFIELD ST		AUBURN	P	1890	PROJ. REVW.	HUD930722C			05/02/94 6Y
045606	31-004056	120 GOSSONIA PARK		AUBURN	P	1918	HIST. SURV.	5603-0107-0000			5S2
045485		100 GRACE ST		AUBURN	P	1890	HIST. SURV.	5603-0016-0009			5D2
045486	31-005330	105 GRACE ST		AUBURN	P	1890	HIST. SURV.	5603-0016-0010			5D2
045487	31-005331	135 GRACE ST		AUBURN	P	1910	HIST. SURV.	5603-0016-0011			5D2
045488	31-005332	136 GRACE ST		AUBURN	P	1900	HIST. SURV.	5603-0016-0012			5D2
045489	31-005333	166 GRACE ST		AUBURN	P	1900	HIST. SURV.	5603-0016-0013			5D2
045490	31-003981	190 GRACE ST		AUBURN	P	1880	HIST. SURV.	5603-0016-0014			5B
045491	31-003982	215 GRACE ST	JACK GREENWOOD HOUSE	AUBURN	P	1890	HIST. SURV.	5603-0016-0015			5B
045492	31-003983	295 GRACE ST	GREENWOOD HOUSE, COURTER HOUSE	AUBURN	P	1910	HIST. SURV.	5603-0016-0016			5B
088610	31-004967	GRASS VALLEY SR	HARRY C. MAGORIAN HOME	AUBURN	F	1942	HIST. SURV.	5603-0303-0000	03/22/94		7R
045607	31-004057	150 GREENFIELD AVE		AUBURN	P	1933	HIST. SURV.	5603-0108-0000			7N
045435		150 HALE ST		AUBURN	P	1905	HIST. SURV.	5603-0015-0016			7R
045436		155 HALE ST		AUBURN	P	1955	HIST. SURV.	5603-0015-0017			7R
045437		160 HALE ST		AUBURN	P	1925	HIST. SURV.	5603-0015-0018			7R
045438		165 HALE ST		AUBURN	P	1965	HIST. SURV.	5603-0015-0019			7R
045439		170 HALE ST		AUBURN	P	1950	HIST. SURV.	5603-0015-0020			7R
045608	31-004058	416 HIGH ST		AUBURN	P	1900	HIST. SURV.	5603-0109-0000			5S2
045609	31-004059	430 HIGH ST		AUBURN	P	1890	HIST. SURV.	5603-0110-0000			7N
045610	31-004060	462 HIGH ST	CONRAD JOHNSON HOUSE	AUBURN	F	1886	HIST. SURV.	5603-0111-0000			7N
045611	31-004061	478 HIGH ST		AUBURN	P	1890	HIST. SURV.	5603-0112-0000			5S2
045612	31-004062	510 HIGH ST	BUICK GARAGE, SALVATION ARMY THRIF	AUBURN	P	1940	HIST. SURV.	5603-0113-0000			5S2
045292	31-005277	786 HIGH ST		AUBURN	P	1930	HIST. SURV.	5603-0010-0001			5D2
045293		790 HIGH ST		AUBURN	P	1930	HIST. SURV.	5603-0010-0002			5D2
045294	31-003805	850 HIGH ST	JUNKER & SKULL FORD AGENCY; AUBURN	AUBURN	P	1930	HIST. SURV.	5603-0010-0003			7N
045295	31-003806	886 HIGH ST	REYNOLDS INSURANCE	AUBURN	P	1950	HIST. SURV.	5603-0010-0004			7R
045296	31-003807	900 HIGH ST	BANK OF AMERICA	AUBURN	P	1968	HIST. SURV.	5603-0010-0005			7R
045297	31-003808	1030 HIGH ST	PACIFIC GAS & ELECTRIC CO. GARAGE;	AUBURN	P	1929	HIST. SURV.	5603-0010-0006			5D2
045298	31-003809	1031 HIGH ST	OLD MONTGOMERY WARD BUILDING; GOLD	AUBURN	P	1929	HIST. SURV.	5603-0010-0007			5D2
045300	31-003889	1085 HIGH ST	SHELL GAS STATION, BEACON GAS STAT	AUBURN	P	1922	HIST. SURV.	5603-0010-0009			3S
045301		1101 HIGH ST	AUBURN CHAMBER OF COMMERCE	AUBURN	M	1955	HIST. SURV.	5603-0010-0010			7R
045302	31-003809	1103 HIGH ST	AUBURN CITY HALL / FIRE HOUSE / AU	AUBURN	M	1937	HIST. RES. NAT. REG.	NPS-11000935-0000 31-0041	12/19/11 10/28/11		1S AC 3S AC
045440		1110 HIGH ST		AUBURN	P	1962	HIST. SURV.	5603-0010-0011			3S
045471	31-003973	1111 HIGH ST	LAINO HOME	AUBURN	P	1890	HIST. SURV.	5603-0015-0022			7R
045441		1120 HIGH ST		AUBURN	P	1970	HIST. SURV.	5603-0015-0023			7R
045442	31-005318	1124 HIGH ST		AUBURN	P	1965	HIST. SURV.	5603-0015-0024			7R
045444	31-003953	1125 HIGH ST	ROBIE HOUSE	AUBURN	P	1899	HIST. SURV.	5603-0015-0026			7N
045445	31-003954	1130 HIGH ST		AUBURN	P	1925	HIST. SURV.	5603-0015-0027			7N
045472	31-003974	1133 HIGH ST	KLUMPF HOUSE, LEGAL SERVICES OF NO	AUBURN	P	1915	HIST. SURV.	5603-0015-0054			5B
045473	31-003975	1134 HIGH ST	SPARKS HOUSE	AUBURN	P	1925	HIST. SURV.	5603-0015-0055			5B
045446	31-003955	1139 HIGH ST		AUBURN	P	1910	HIST. SURV.	5603-0015-0028			5B
045443	31-005319	1140 HIGH ST		AUBURN	P	1910	HIST. SURV.	5603-0015-0025			5D2
045447	31-003956	1141 HIGH ST	PAULSEN/NODONICK/DAVIS HOUSE	AUBURN	P	1900	HIST. SURV.	5603-0015-0029			5B
045448	31-003957	1144 HIGH ST		AUBURN	P	1922	HIST. SURV.	5603-0015-0030			5B
045449	31-005320	1146 HIGH ST		AUBURN	P	1925	HIST. SURV.	5603-0015-0031			5D2

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	CHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
045474	31-003975	1147 HIGH ST		AUBURN	P	1905	HIST.SURV.	5603-0015-0056			5B
045475	31-003977	1155 HIGH ST		AUBURN	P	1915	HIST.SURV.	5603-0015-0057			5B
045450	31-005321	1161 HIGH ST	WALL	AUBURN	P	1910	TAX.CERT.	537.9-31-0001	09/08/97		7J
							HIST.SURV.	5603-0015-0032			5B
045451		1166 HIGH ST		AUBURN	P	1955	HIST.SURV.	5603-0015-0033			7R
045613	31-004063	1208 HIGH ST	FLEMING HOME	AUBURN	P	1925	HIST.SURV.	5603-0114-0000			5S2
045614	31-004064	1219 HIGH ST		AUBURN	P	1910	HIST.SURV.	5603-0115-0000			5S2
045615	31-004065	1223 HIGH ST		AUBURN	P	1910	HIST.SURV.	5603-0116-0000			5S2
045616	31-004066	1226 HIGH ST		AUBURN	P	1930	HIST.SURV.	5603-0117-0000			5S2
045617	31-004067	1233 HIGH ST		AUBURN	P	1925	HIST.SURV.	5603-0118-0000			5S2
045618	31-004068	1234 HIGH ST		AUBURN	P	1925	HIST.SURV.	5603-0119-0000			5S2
045619	31-004069	1243 HIGH ST		AUBURN	P	1930	HIST.SURV.	5603-0120-0000			5S2
045620	31-004070	1253 HIGH ST		AUBURN	P	1920	HIST.SURV.	5603-0121-0000			5S2
045621	31-004071	1279 HIGH ST	PLACER COUNTY MUSEUM	AUBURN	C	1940	HIST.SURV.	5603-0122-0000			3S
045622	31-004072	1283 HIGH ST		AUBURN	P	1920	HIST.SURV.	5603-0123-0000			5S2
045623	31-004073	1285 HIGH ST		AUBURN	P	1920	HIST.SURV.	5603-0124-0000			5S2
045624	31-004074	1287 HIGH ST		AUBURN	P	1920	HIST.SURV.	5603-0125-0000			5S2
045625	31-004075	1293 HIGH ST		AUBURN	P	1920	HIST.SURV.	5603-0126-0000			5S2
045627	31-004077	125 HILLMONT	DONLAP HOUSE	AUBURN	P	1880	HIST.SURV.	5603-0128-0000			3S
045626	31-004076	102 HILLMONT AVE	LUDWIG HOME	AUBURN	P	1916	HIST.SURV.	5603-0127-0000			7N
045628	31-004078	143 HILLMONT AVE	HALL HOME	AUBURN	P	1926	HIST.SURV.	5603-0129-0000			5S2
045629	31-004079	124 HOFFMAN AVE		AUBURN	P	1890	HIST.SURV.	5603-0130-0000			5S2
045630	31-004080	185 HOFFMAN AVE		AUBURN	P	1880	HIST.SURV.	5603-0131-0000			5S2
045631	31-004081	193 HOFFMAN AVE		AUBURN	P	1915	HIST.SURV.	5603-0132-0000			5S2
045632	31-004082	199 HOFFMAN AVE		AUBURN	P	1890	HIST.SURV.	5603-0133-0000			5S2
045633	31-004083	231 HOFFMAN AVE		AUBURN	P	1920	HIST.SURV.	5603-0134-0000			5S2
045515	31-003970	HUNTLEY AVE	HUNTLEY SUBDIVISION, HUNTLEY DISTR	AUBURN	P	1880	HIST.SURV.	5603-0016-9999			5D2
045634	31-004084	131 HUNTLEY AVE		AUBURN	P	1900	HIST.SURV.	5603-0135-0000			5S2
045493	31-005334	165 HUNTLEY AVE		AUBURN	P	1910	HIST.SURV.	5603-0016-0017			5D3
045494		175 HUNTLEY AVE		AUBURN	P	1965	HIST.SURV.	5603-0016-0018			7R
045495		200 HUNTLEY AVE		AUBURN	P	1965	HIST.SURV.	5603-0016-0019			7R
045497	31-003984	201 HUNTLEY AVE		AUBURN	P	1910	HIST.SURV.	5603-0016-0021			7N
045496		208 HUNTLEY AVE		AUBURN	P	1965	HIST.SURV.	5603-0016-0020			7R
045498	31-005335	215 HUNTLEY AVE		AUBURN	P	1910	HIST.SURV.	5603-0016-0022			5D2
045499		231 HUNTLEY AVE		AUBURN	P	1910	HIST.SURV.	5603-0016-0023			7R
045500	31-005336	240 HUNTLEY AVE		AUBURN	P	1917	HIST.SURV.	5603-0016-0024			5D2
045502	31-003985	246 HUNTLEY AVE	HUNTLEY HOUSE	AUBURN	P	1890	HIST.SURV.	5603-0016-0026			3S
045503	31-003986	247 HUNTLEY AVE		AUBURN	P	1890	HIST.SURV.	5603-0016-0027			5B
045501		250 HUNTLEY AVE		AUBURN	P	1925	HIST.SURV.	5603-0016-0025			7R
045504	31-005337	259 HUNTLEY AVE		AUBURN	P	1900	HIST.SURV.	5603-0016-0028			5D2
045505	31-005338	274 HUNTLEY AVE		AUBURN	P	1880	HIST.SURV.	5603-0016-0029			5D2
045506		277 HUNTLEY AVE		AUBURN	P	1965	HIST.SURV.	5603-0016-0030			7R
045635	31-004085	354 HUNTLEY AVE		AUBURN	P	1920	HIST.SURV.	5603-0136-0000			5S2
045636	31-004086	140 KENMASS AVE		AUBURN	P	1930	HIST.SURV.	5603-0137-0000			5S2
045637	31-004087	146 KENMASS AVE	KRIEGAL HOME	AUBURN	P	1930	HIST.SURV.	5603-0138-0000			5S2
045638	31-004088	153 KENMASS AVE	HUNTLEY HOUSE, HOUSE OF NORED	AUBURN	P	1938	HIST.SURV.	5603-0139-0000			3S
045407		103 KNOLL ST		AUBURN	P	1920	HIST.SURV.	5603-0012-0029			3D
187350		402 LANDIS CIR		AUBURN	P		PROJ.REVN.	HUD120221D	02/21/12		6Y
045639	31-004089	339 LANDIS CR		AUBURN	P	1910	HIST.SURV.	5603-0140-0000			5S2
045640	31-004090	347 LANDIS CR	SANDERS HOME	AUBURN	P	1900	HIST.SURV.	5603-0141-0000			5S2
045641	31-004091	377 LANDIS CR	WITHERSPOON MATERNITY HOME	AUBURN	P	1890	HIST.SURV.	5603-0142-0000			3S
045642	31-004092	148 LEWIS ST	ST LUKE'S EPISCOPAL CHURCH	AUBURN	P	1890	HIST.SURV.	5603-0143-0000			3S
045643	31-004093	148 LEWIS ST	OLD CHURCH RECTORY, SAINT LUKE THR	AUBURN	P	1890	HIST.SURV.	5603-0144-0000			3S
109478	31-005178	1521 LILAC LANE		AUBURN	P	1920	HIST.SURV.	5603-0432-0000	06/16/97		7R
109479	31-005179	1637 LILAC LANE		AUBURN	P	1915	HIST.SURV.	5603-0433-0000	06/16/97		7R
109480	31-005180	1695 LILAC LANE		AUBURN	P	1920	HIST.SURV.	5603-0434-0000	06/16/97		7R

OFFICE OF HISTORIC PRESERVATION * * *		Directory of Properties in the Historic Property Data File for PLACER County.				Page 8	04-05-12			STAT-DAT	NRS	CRIT
PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	DHP-PROG.	PRG-REFERENCE-NUMBER				
045348	31-003911	LINCOLN WY	EAST AUBURN, UPTOWN BUSINESS DISTR	AUBURN	PM	1890	HIST.SURV.	5603-0010-9999			5D2	
089410		LINCOLN WY	FIRST TRANSCONTINENTAL RAILROAD	AUBURN	U	1865	HIST.RES.	SHL-0780-4-0000	11/20/62		1CL	
045664	31-004104	LINCOLN WY	FREEMAN HOTEL SITE	AUBURN	P	1868	HIST.SURV.	5603-0155-0000			7R	
045342		0 LINCOLN WY	HANCOCK HARDWARE STORE SITE	AUBURN	P	1907	HIST.SURV.	5603-0010-0051			7R	
045644	31-004094	206 LINCOLN WY		AUBURN	P	1895	HIST.SURV.	5603-0145-0000			5S2	
045647	31-004097	294 LINCOLN WY		AUBURN	P	1930	HIST.SURV.	5603-0148-0000			5S2	
045649	31-004099	300 LINCOLN WY		AUBURN	P	1900	HIST.SURV.	5603-0150-0000			5S2	
045650	31-004100	318 LINCOLN WY		AUDORN	P	1920	HIST.SURV.	5603-0151-0000			5S2	
045651	31-004101	425 LINCOLN WY	CONROY HOME	AUBURN	P	1880	HIST.SURV.	5603-0152-0000			5S2	
045652	31-004102	435 LINCOLN WY		AUBURN	P	1920	HIST.SURV.	5603-0153-0000			5S2	
045653	31-004103	578 LINCOLN WY	ALLEN & SANDHORFER BLACKSMITH, AOB	AUBURN	P	1865	HIST.SURV.	5603-0154-0000			3S	
							HIST.RES.	SPHI-PLA-014	08/16/83		7L	
045655	31-004106	699 LINCOLN WY	AUBURN LUMBER COMPANY, HEART FEDER	AUBURN	P	1865	HIST.SURV.	5603-0156-0000			7N	
045656	31-004107	700 LINCOLN WY	FORD & BEQUETTES GROCERY, AUBURN A	AUBURN	P	1896	HIST.SURV.	5603-0157-0000			5S2	
045657	31-004108	729 LINCOLN WY	SAM PULLEN RESIDENCE, PULLEN HOUSE	AUBURN	P	1880	HIST.SURV.	5603-0158-0000			7N	
045658	31-004109	789 LINCOLN WY		AUBURN	P	1910	HIST.SURV.	5603-0159-0000			5S2	
045304	31-005278	800 LINCOLN WY	PET SHOP	AUBURN	P	1915	HIST.SURV.	5603-0010-0013			5D2	
045305		805 LINCOLN WY	AUBURN GENERAL STORE	AUBURN	P	1920	HIST.SURV.	5603-0010-0014			5D2	
045306		809 LINCOLN WY		AUBURN	P	1890	HIST.SURV.	5603-0010-0015			7R	
045307		810 LINCOLN WY	CHRIS HART INSURANCE	AUBURN	P	1910	HIST.SURV.	5603-0010-0016			7R	
045308		815 LINCOLN WY	AUBURN DRUG COMPANY	AUBURN	P	1915	HIST.SURV.	5603-0010-0017			5D2	
045309	31-003892	818 LINCOLN WY	HINK ADDITION, HINK BLOCK	AUBURN	P	1906	HIST.SURV.	5603-0010-0018			5B	
045310	31-005281	819 LINCOLN WY	LEE PHOTO	AUBURN	P	1900	HIST.SURV.	5603-0010-0019			5D2	
045311		823 LINCOLN WY	ALEXANDRIA CHRISTIAN CLOTHIERS	AUBURN	P	1915	HIST.SURV.	5603-0010-0020			7R	
045312		825 LINCOLN WY	FOOT PATH	AUBURN	P	1920	HIST.SURV.	5603-0010-0021			7R	
045313		833 LINCOLN WY	SPORTSMAN'S	AUBURN	P	1920	HIST.SURV.	5603-0010-0022			7R	
045314		835 LINCOLN WY	TRAVEL OUTFITTER	AUBURN	P	1920	HIST.SURV.	5603-0010-0023			7R	
045315		852 LINCOLN WY		AUBURN	P	1955	HIST.SURV.	5603-0010-0024			7R	
045317	31-003893	853 LINCOLN WY	HOTEL AUBURN	AUBURN	P	1911	HIST.SURV.	5603-0010-0026			7N	
045318	31-003894	874 LINCOLN WY	PLACER COUNTY BANK / BANK OF CALIF	AUBURN	P	1913	HIST.RES.	NPS-11000941-0000	01/13/12		1S AC	
							NAT.REG.	31-0046	07/08/11		3S	
							HIST.SURV.	5603-0010-0027			3S	
045316		875 LINCOLN WY	NANCIE'S RECORDS	AUBURN	P	1900	HIST.SURV.	5603-0010-0025			7R	
045319		881 LINCOLN WY		AUBURN	P	1950	HIST.SURV.	5603-0010-0028			7R	
045320		885 LINCOLN WY	PARTY NOOK	AUBURN	P	1890	HIST.SURV.	5603-0010-0029			7R	
045321	31-003895	890 LINCOLN WY	NELSON BUILDING	AUBURN	P	1922	HIST.SURV.	5603-0010-0030			5S2	
045322		895 LINCOLN WY		AUBURN	P	1960	HIST.SURV.	5603-0010-0031			7R	
045323	31-003896	900 LINCOLN WY	TAHOE CLUB	AUBURN	P	1913	HIST.SURV.	5603-0010-0032			3S	
045324	31-003897	904 LINCOLN WY	THE KOFFEE KUP RESTAURANT	AUBURN	P	1928	HIST.SURV.	5603-0010-0033			5B	
045325	31-003898	905 LINCOLN WY	LINCOLN WAY POST OFFICE, OLD POST	AUBURN	P	1938	HIST.SURV.	5603-0010-0034			7N	
045326	31-003899	908 LINCOLN WY	J.C. PENNEY COMPANY	AUBURN	P	1940	HIST.SURV.	5603-0010-0035			5B	
045327	31-005282	916 LINCOLN WY		AUBURN	P	1910	HIST.SURV.	5603-0010-0036			5D2	
045328	31-005283	920 LINCOLN WY	NAT'S MEN'S WEAR	AUBURN	P	1910	HIST.SURV.	5603-0010-0037			5D2	
045329	31-003900	922 LINCOLN WY	ARTHUR BUILDING, FOWLER'S T.V.	AUBURN	P	1893	HIST.SURV.	5603-0010-0038			5B	
045330	31-003901	923 LINCOLN WY		AUBURN	P	1927	HIST.SURV.	5603-0010-0039			5B	
045331	31-003902	928 LINCOLN WY	BURNS PHARMACY, BROWNIES DO-NUT SH	AUBURN	P	1893	HIST.SURV.	5603-0010-0040			5B	
045332		935 LINCOLN WY		AUBURN	P	1950	HIST.SURV.	5603-0010-0041			5D2	
045333	31-003903	940 LINCOLN WY	CENTRAL BLOCK, BANK OF AMERICA	AUBURN	P	1905	HIST.SURV.	5603-0010-0042			5B	
045334	31-003904	948 LINCOLN WY	MASONIC TEMPLE / MASONIC HALL / AU	AUBURN	P	1914	HIST.RES.	NPS-11000939-0000	12/19/11		1S AC	
							NAT.REG.	31-0043	12/19/11		3S	
							HIST.RES.	SPHI-PLA-020	05/15/96		7L	
							ST.PT.INT.	31-0007	03/07/95		7L	
							HIST.SURV.	5603-0010-0043			3S	
045335	31-005285	949 LINCOLN WY	PLACER SAVINGS	AUBURN	P	1970	HIST.SURV.	5603-0010-0044			7R	
045336		949 LINCOLN WY	AUBURN JOURNAL SITE	AUBURN	P	1920	HIST.SURV.	5603-0010-0045			7R	
045337	31-003905	952 LINCOLN WY	SATHERS BAR & GRILL, SIERRA CLUB/H	AUBURN	P	1920	HIST.SURV.	5603-0010-0046			5B	

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
045659	31-004110	968 LINCOLN WY	ELDER HOME	AUBURN	P	1893	HIST.SURV.	5603-0160-0000			35
045338	31-003906	973 LINCOLN WY	MCCANN HOME	AUBURN	P	1900	HIST.SURV.	5603-0010-0047			5B
045340		984 LINCOLN WY	JANSEN CHEVROLET COMPANY, GOODYEAR	AUBURN	P	1925	HIST.SURV.	5603-0010-0049			5B
045342	31-003909	985 LINCOLN WY	STATE THEATER / AUBURN NPS	AUBURN	P	1930	NAT.REG.	31-0042	12/23/09		7J
							PROJ.REVM.	HUD060501A	05/31/06		6Y
							HIST.SURV.	5603-0010-0050			5B
045660	31-004111	991 LINCOLN WY	HANCOCK HOUSE	AUBURN	P	1900	HIST.SURV.	5603-0161-0000			5S2
045343		994 LINCOLN WY		AUBURN	P	1980	HIST.SURV.	5603-0010-0052			7R
045344		1001 LINCOLN WY		AUBURN	P	1960	HIST.SURV.	5603-0010-0053			7R
045345		1021 LINCOLN WY		AUBURN	P	1970	HIST.SURV.	5603-0010-0054			7R
045346		1125 LINCOLN WY	PACIFIC BELL	AUBURN	P	1957	HIST.SURV.	5603-0010-0055			7R
045661	31-004112	1138 LINCOLN WY	KINDOPP RESIDENCE	AUBURN	P	1900	HIST.SURV.	5603-0162-0000			5S2
045347	31-003910	1145 LINCOLN WY	REEVES MOTOR COMPANY	AUBURN	P	1935	HIST.SURV.	5603-0010-0056			5B
045662	31-004113	1162 LINCOLN WY	ST TERESA'S CATHOLIC CHURCH, ST JO	AUBURN	P	1911	HIST.SURV.	5603-0163-0000			3S
045663	31-004114	1225 LINCOLN WY	AUBURN GRAMMAR SCHOOL / AUBURN CIV	AUBURN	M	1915	HIST.RES.	NPS-11000938-0000	09/16/11		1S C
							NAT.REG.	31-0045	10/28/11		3S C
							HIST.RES.	SPHI-PLA-017	03/03/88		7L
							ST.FND.PRG	619.0-HP-88-31-001	12/20/88		3
							HIST.SURV.	5603-0164-0000	12/01/83		3S
045664	31-004115	1256 LINCOLN WY	AUBURN IOOF HALL / ODD FELLOWS BUI	AUBURN	P	1894	HIST.RES.	NPS-11000940-0000	12/19/11		1S A
							NAT.REG.	31-0044	06/05/11		3S A
							HIST.RES.	SPHI-PLA-019	08/23/94		7L
							ST.PT.INT.	31-0005	08/05/94		7L
							HIST.SURV.	5603-0165-0000			3S
045665	31-004116	1273 LINCOLN WY	SUTHERLAND'S	AUBURN	P	1898	HIST.SURV.	5603-0166-0000			5S2
045666	31-004117	1293 LINCOLN WY	VOGLER HOUSE	AUBURN	P	1895	HIST.SURV.	5603-0167-0000			7N
045667	31-004118	1308 LINCOLN WY	KEENA RESIDENCE, SANDS HOME	AUBURN	P	1873	HIST.SURV.	5603-0168-0000			5S2
045668	31-004119	1328 LINCOLN WY		AUBURN	P	1873	HIST.SURV.	5603-0169-0000			5S2
045669	31-004120	1331 LINCOLN WY	CHAPEL OF THE HILLS	AUBURN	P	1935	HIST.SURV.	5603-0170-0000			5S2
045670	31-004121	1348 LINCOLN WY	AUBURN METHODIST CHURCH, PIONEER U	AUBURN	P	1858	HIST.SURV.	5603-0171-0000			3S
045671	31-004122	1373 LINCOLN WY	WOOD & ASSOCIATES	AUBURN	P	1900	HIST.SURV.	5603-0172-0000			5S2
045218	31-003781	1409 LINCOLN WY		AUBURN	P	1890	HIST.SURV.	5603-0001-0016			7R
045219	31-003782	1425 LINCOLN WY		AUBURN	P	1920	HIST.SURV.	5603-0001-0017	12/29/70		6X
045220	31-003783	1439 LINCOLN WY		AUBURN	P	1920	HIST.SURV.	5603-0001-0018			7R
045221	31-003785	1522 LINCOLN WY	FRED BRYTE HOME, BUTTERWORTH'S	AUBURN	P	1880	HIST.SURV.	5603-0001-0019	12/29/70		1D
045222	31-003774	1543 LINCOLN WY		AUBURN	P	1925	HIST.SURV.	5603-0001-0020			7R
045223	31-003768	1566 LINCOLN WY	CHOP HOUSE, TAILINGS	AUBURN	P	1890	HIST.SURV.	5603-0001-0021	12/29/70		1D
045224		1568 LINCOLN WY	UNION SALOON	AUBURN	P	1890	HIST.SURV.	5603-0001-0022	12/29/70		1D
045225	31-003769	1580 LINCOLN WY	WISE CIGAR STORE & FACTORY, THE CA	AUBURN	P	1900	HIST.SURV.	5603-0001-0023	12/29/70		1D
045226	31-003767	1585 LINCOLN WY	OLD U.S. POST OFFICE, THE ISLAND	AUBURN	P	1857	HIST.SURV.	5603-0001-0024	12/29/70		1D
045227	31-003770	1586 LINCOLN WY	HAPPY HOUR	AUBURN	P	1922	HIST.SURV.	5603-0001-0025	12/29/70		1D
045228	31-003771	1590 LINCOLN WY	SNOWDEN'S DRUG STORE, MARY BELLES	AUBURN	P	1890	HIST.SURV.	5603-0001-0026	12/29/70		1D
045672	31-004123	1985 LINCOLN WY	CENTRAL PACIFIC RAILROAD DEPOT, SO	AUBURN	P	1890	HIST.SURV.	5603-0173-0000			3S
109484	31-005183	13590 LINCOLN WY		AUBURN	P	1930	HIST.SURV.	5603-0437-0000	06/16/97		7R
045673	31-004124	185 LINDEN AVE	JACOBS HOUSE	AUBURN	P	1890	HIST.SURV.	5603-0174-0000			5S2
045674	31-004125	200 LINDEN AVE	LARDNER FAMILY CONTRACTORS SHOP, H	AUBURN	P	1920	HIST.SURV.	5603-0175-0000			7N
045675	31-004126	284 LINDEN AVE	BIGELOW HOME, GROVE HOUSE	AUBURN	P	1938	HIST.SURV.	5603-0176-0000			5S2
045676	31-004127	323 LINDEN AVE	KLUMP FAMILY HOME, DUCKWORTH FAMIL	AUBURN	P	1912	HIST.SURV.	5603-0177-0000			5S2
045677	31-004128	336 LINDEN AVE	PREWETT HOUSE	AUBURN	P	1909	HIST.SURV.	5603-0178-0000			5S2
045678	31-004129	351 LINDEN AVE	TRENT HOME	AUBURN	P	1895	HIST.SURV.	5603-0179-0000			5S2
045679	31-004130	359 LINDEN AVE	FRANCIS HOUSE, ARNOLD HOUSE	AUBURN	P	1898	HIST.SURV.	5603-0180-0000			5S2
045680	31-004131	362 LINDEN AVE	PREWETT HOUSE	AUBURN	P	1900	HIST.SURV.	5603-0181-0000			5S2
045681	31-004132	375 LINDEN AVE		AUBURN	P	1920	HIST.SURV.	5603-0182-0000			5S2
045682	31-004133	394 LINDEN AVE	REEVES HOUSE	AUBURN	P	1920	HIST.SURV.	5603-0183-0000			5S2
045683	31-004134	400 LINDEN AVE		AUBURN	P	1920	HIST.SURV.	5603-0184-0000			5S2
045684	31-004135	405 LINDEN AVE	BURNS HOME, HOWELL HOME	AUBURN	P	1895	HIST.SURV.	5603-0185-0000			7N

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
							HIST.RES.	SPNI-PLA-015	07/02/85	7L	
045685	31-004136	436 LINDEN AVE		AUBURN	P	1900	HIST.SURV.	5603-0186-0000		7N	
045686	31-004137	453 LINDEN AVE	BELLIS HOUSE, MAGNOLIA APARTMENTS	AUBURN	P	1900	HIST.SURV.	5603-0187-0000		5S2	
045687	31-004138	456 LINDEN AVE		AUBURN	P	1929	HIST.SURV.	5603-0188-0000		5S2	
045688	31-004139	499 LINDEN AVE	ANDERSON HOME	AUBURN	P	1890	HIST.SURV.	5603-0189-0000		5S2	
045689	31-004140	155 LOBECK RD	TORASK HOME	AUBURN	P	1920	HIST.SURV.	5603-0190-0000		5S2	
045690	31-004141	192 LOBECK RD	LOBECK HOME, HIGHLAND HOSPITAL	AUBURN	F	1890	HIST.SURV.	5603-0191-0000		5S2	
045692	31-004143	138 MAGNOLIA AVE		AUBURN	P	1880	HIST.SURV.	5603-0193-0000		7N	
045693	31-004144	145 MAGNOLIA AVE	DURYEA RESIDENCE	AUBURN	P	1890	HIST.SURV.	5603-0194-0000		5S2	
045694	31-004145	170 MAGNOLIA AVE		AUBURN	P	1900	HIST.SURV.	5603-0195-0000		5S2	
045691	31-004142	MAIDU DR	MAIDU BURIAL GROUNDS	AUBURN	P	0	HIST.SURV.	5603-0192-0000		7N	
045261	31-003738	MAPLE ST	NORTH FORK/WOODS DRY DIGGINGS, OLD	AUBURN	PCM	1849	HIST.SURV.	5603-0001-9999	11/13/86	1S	
							HIST.RES.	NPS-70000138-9999	12/29/70	1S	AC
045207	31-003763	101 MAPLE ST	PLACER COUNTY COURTHOUSE	AUBURN	C	1898	ST.FND.PRG	619.0-HP-88-31-002	12/20/88	3	
							ST.FND.PRG	619.0-84-HP-31-001	12/01/84	3	
							FED.FND.PR	629.0-79-HPF-31-01	01/01/79	7L	
							FED.FND.PR	629.0-78-HPF-31-01	01/01/79	7L	
							HIST.SURV.	5603-0001-0005	12/29/70	1D	
							ST.FND.PRG	619.0-84-HP-31-005		3	
045203		110 MAPLE ST		AUBURN	P	1970	HIST.SURV.	5603-0001-0001		7R	
045204	31-005265	130 MAPLE ST		AUBURN	P	1890	HIST.SURV.	5603-0001-0002		7R	
045205	31-005266	164 MAPLE ST		AUBURN	P	1890	HIST.SURV.	5603-0001-0003	01/01/70	7R	
045206		194 MAPLE ST		AUBURN	P	1925	HIST.SURV.	5603-0001-0004		7R	
045208	31-003784	217 MAPLE ST		AUBURN	P	1890	HIST.SURV.	5603-0001-0006	12/29/70	1D	
045209		219 MAPLE ST		AUBURN	P	1890	HIST.SURV.	5603-0001-0007	12/29/70	1D	
045695	31-004146	135 MORGAN CT	FERDINAND MORGAN RENTAL	AUBURN	P	1926	HIST.SURV.	5603-0196-0000		5S2	
045696	31-004147	145 MORGAN CT	MORGAN RENTAL	AUBURN	P	1926	HIST.SURV.	5603-0197-0000		5S2	
045697	31-004148	154 MORGAN CT	MABLE POWERS LUKENS RENTAL	AUBURN	P	1926	HIST.SURV.	5603-0198-0000		5S2	
132278		N FORK AMERICAN RIVER	MOUNTAIN QUARRIES BRIDGE	AUBURN	F	1907	HIST.RES.	NPS-04000014-0000	02/11/04	1S	C
							NAT.REG.	31-0031	09/27/02	3S	C
045698	31-004149	125 NEVADA ST	DEPENDENER HOUSE	AUBURN	P	1900	HIST.SURV.	5603-0199-0000		5S2	
045699	31-001806	197 NEVADA ST	SOUTHERN PACIFIC DEPOT, BELLI AUTO	AUBURN	P	1912	HIST.RES.	DOE-31-98-0009-0000	01/21/98	6Y	
							PROJ.REVW.	FHWA971218A	01/21/98	6Y	
							HIST.SURV.	5603-0200-0000		5S2	
045700	31-001804	201 NEVADA ST	DURAN RESIDENCE, SPFR SECTION HOUS	AUBURN	P	1911	HIST.RES.	DOE-31-98-0007-0000	01/21/98	2S2	C
							PROJ.REVW.	FHWA971218A	01/21/98	2S2	C
							HIST.SURV.	5603-0201-0000		5S2	
045701	31-001805	209 NEVADA ST	SOUTHERN PACIFIC FRUIT PACKING SHE	AUBURN	P	1911	HIST.RES.	DOE-31-98-0008-0000	01/21/98	6Y	
							PROJ.REVW.	FHWA971218A	01/21/98	6Y	
							HIST.SURV.	5603-0202-0000		7N	
118872		249 NEVADA ST	NEVADA STATION	AUBURN	P	1994	HIST.RES.	DOE-31-98-0005-0000	01/21/98	6Y	
							PROJ.REVW.	FHWA971218A	01/21/98	6Y	
045702	31-004150	311 NEVADA ST	AUBURN HARDWOODS, PACIFIC FRUIT EX	AUBURN	P	1978	HIST.RES.	DOE-31-98-0004-0000	01/21/98	6Y	
							PROJ.REVW.	FHWA971218A	01/21/98	6Y	
							HIST.SURV.	5603-0203-0000		5S2	
118869		313 NEVADA ST	KOCH'S FARM AND HOME SUPPLY	AUBURN	P		HIST.RES.	DOE-31-98-0003-0000	01/21/98	6Y	
							PROJ.REVW.	FHWA971218A	01/21/98	6Y	
118867		319 NEVADA ST	BUSINESS / COMMERCIAL STRIP MALL	AUBURN	P		HIST.RES.	DOE-31-98-0002-0000	01/21/98	6Y	
							PROJ.REVW.	FHWA971218A	01/21/98	6Y	
128249		500 NEVADA ST		AUBURN	P	1949	HIST.RES.	DOE-31-01-0001-0000	07/20/01	6Y	
							PROJ.REVW.	USDA010622A	07/20/01	6Y	
045507	31-005339	100 OAK ST		AUBURN	P	1910	HIST.SURV.	5603-0016-0031		7R	
045508	31-005340	160 OAK ST		AUBURN	P	1915	HIST.SURV.	5603-0016-0032		5D2	
045509	31-005341	166 OAK ST		AUBURN	P	1915	HIST.SURV.	5603-0016-0033		5D2	
045703	31-004151	173 OAK ST	ALTA VISTA SCHOOL SITE	AUBURN	S	1911	HIST.SURV.	5603-0204-0000		7R	
045510	31-005342	182 OAK ST		AUBURN	P	1910	HIST.SURV.	5603-0016-0034		5D2	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS.....	NAMES.....	CITY.NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
045511		196 OAK ST		AUBURN	P	1930	HIST.SURV.	5603-0016-0035			7R
045512	31-005343	210 OAK ST		AUBURN	P	1900	HIST.SURV.	5603-0016-0036			5D2
045513		230 OAK ST		AUBURN	P	1965	HIST.SURV.	5603-0016-0037			7R
045514		260 OAK ST		AUBURN	P	1965	HIST.SURV.	5603-0016-0038			7R
045704	31-004152	146 OAKWOOD DR	ROCK HOUSE	AUBURN	P	1930	HIST.SURV.	5603-0205-0000			3S
109531	31-005238	515 OLD AIRPORT RD		AUBURN	P	1931	HIST.SURV.	5603-0461-0000	06/16/97		7R
109533	31-005240	680 OLD AIRPORT RD		AUBURN	P	1935	HIST.SURV.	5603-0463-0000	06/16/97		7R
045705	31-004153	100 OLIVE ST		AUBURN	P	1909	HIST.SURV.	5603-0206-0000			5S2
045710	31-004158	201 OLIVE ST	WALLACE HOME, WACHOB/MAYNARD HOME	AUBURN	P	1906	HIST.SURV.	5603-0211-0000			5S2
045711	31-004159	217 OLIVE ST	WALSH HOME	AUBURN	P	1912	HIST.SURV.	5603-0212-0000			3S
045712	31-004160	230 OLIVE ST		AUBURN	P	1914	HIST.SURV.	5603-0213-0000			5S2
045713	31-004161	235 OLIVE ST	THRELKELL HOME, LARDNER HOME	AUBURN	P	1899	HIST.SURV.	5603-0214-0000			3S
045714	31-004162	242 OLIVE ST		AUBURN	P	1914	HIST.SURV.	5603-0215-0000			5S2
045715	31-004163	256 OLIVE ST		AUBURN	P	1915	HIST.SURV.	5603-0216-0000			5S2
045716	31-004164	265 OLIVE ST		AUBURN	P	1935	HIST.SURV.	5603-0217-0000			5S2
045717	31-004165	268 OLIVE ST		AUBURN	P	1925	HIST.SURV.	5603-0218-0000			5S2
045706	31-004154	109 OLIVE WY		AUBURN	P	1917	HIST.SURV.	5603-0207-0000			5S2
045707	31-004155	131 OLIVE WY	MELLINGER HOME	AUBURN	P	1920	HIST.SURV.	5603-0208-0000			5S2
045708	31-004156	133 OLIVE WY		AUBURN	P	1920	HIST.SURV.	5603-0209-0000			5S2
045709	31-004157	171 OLIVE WY		AUBURN	P	1930	HIST.SURV.	5603-0210-0000			5S2
045719	31-004167	ORANGE ST	LOCHER HOUSE SITE	AUBURN	M	1885	HIST.SURV.	5603-0220-0000			7R
045718	31-004166	101 ORANGE ST	LEWIS/LARDNER HOME, LARDNER ARCHIT	AUBURN	P	1916	HIST.SURV.	5603-0219-0000			5S2
045452	31-003958	125 ORANGE ST		AUBURN	P	1900	HIST.SURV.	5603-0015-0034			5B
045453	31-005322	130 ORANGE ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0035			5D2
045455	31-003959	135 ORANGE ST		AUBURN	P	1891	HIST.SURV.	5603-0015-0037			5B
045456	31-003960	136 ORANGE ST	GIESENDORFER HOME	AUBURN	P	1910	HIST.SURV.	5603-0015-0038			5B
045454	31-005323	145 ORANGE ST		AUBURN	P	1915	HIST.SURV.	5603-0015-0036			5D2
045457	31-003961	150 ORANGE ST		AUBURN	P	1890	HIST.SURV.	5603-0015-0039			5B
045458	31-003962	151 ORANGE ST		AUBURN	P	1925	HIST.SURV.	5603-0015-0040			5B
045459	31-003963	161 ORANGE ST		AUBURN	P	1909	HIST.SURV.	5603-0015-0041			7N
045460	31-003964	162 ORANGE ST	ROBINSON HOUSE	AUBURN	P	1890	HIST.SURV.	5603-0015-0042			5B
045461	31-003965	172 ORANGE ST		AUBURN	P	1890	HIST.SURV.	5603-0015-0043			3S
045462	31-003966	175 ORANGE ST		AUBURN	P	1920	HIST.SURV.	5603-0015-0044			5B
045463	31-003967	185 ORANGE ST	BARIEAU RESIDENCE	AUBURN	P	1915	HIST.SURV.	5603-0015-0045			5B
045464	31-003968	190 ORANGE ST	SKEELES HOME, ASHFORD HOUSE	AUBURN	P	1916	HIST.SURV.	5603-0015-0046			3S
045465	31-003969	199 ORANGE ST	NELSON/HEYER HOME	AUBURN	P	1910	HIST.SURV.	5603-0015-0047			3B
045466	31-003970	232 ORANGE ST		AUBURN	P	1925	HIST.SURV.	5603-0015-0048			5B
045467	31-005324	244 ORANGE ST		AUBURN	P	1910	HIST.SURV.	5603-0015-0049			5D2
045469	31-003971	252 ORANGE ST		AUBURN	P	1906	HIST.SURV.	5603-0015-0051			5B
045468		268 ORANGE ST		AUBURN	P	1950	HIST.SURV.	5603-0015-0050			7R
045268		275 ORANGE ST	THEATER BUILDING	AUBURN	D	1927	HIST.SURV.	5603-0008-0001			3S
045269		275 ORANGE ST	WEST BUILDING	AUBURN	D	1927	HIST.SURV.	5603-0008-0002			3S
045270		275 ORANGE ST	SHOP BUILDING	AUBURN	D	1972	HIST.SURV.	5603-0008-0003			7R
045271		275 ORANGE ST	LIBRARY	AUBURN	D	1966	HIST.SURV.	5603-0008-0004			7R
045272		275 ORANGE ST	EARL CRABBE GYMNASIUM	AUBURN	D	1937	HIST.SURV.	5603-0008-0005			3B
045273		275 ORANGE ST	EAST HALL	AUBURN	D	1937	HIST.SURV.	5603-0008-0006			3S
045274		275 ORANGE ST	WEST HALL	AUBURN	D	1937	HIST.SURV.	5603-0008-0007			3S
045275		275 ORANGE ST	NORTH HALL	AUBURN	D	1937	HIST.SURV.	5603-0008-0008			3S
045276		275 ORANGE ST	MUSIC BUILDING	AUBURN	D	1955	HIST.SURV.	5603-0008-0009			7R
045277		275 ORANGE ST	CAFETERIA	AUBURN	D	1972	HIST.SURV.	5603-0008-0010			7R
045278	31-003803	275 ORANGE ST	PLACER J.C./SIERRA NORMAL COLLEGE,	AUBURN	S	1927	HIST.SURV.	5603-0008-9999			5D2
109743		ORR CREEK LANE	DITCH	AUBURN	P		PROJ.REVM.	FHWA970430A	07/22/97		6Y
045720	31-004160	192 ORR ST		AUBURN	P	1900	HIST.SURV.	5603-0221-0000			5S2
088699	31-005104	501 OSAGE LANE	CONGDON HOME	AUBURN	P	1942	HIST.SURV.	5603-0349-0000	03/22/94		7R
045419	31-003946	PACIFIC AVE	FLINT STATION/CAMP FLINT SITE	AUBURN	FSM	1933	HIST.SURV.	5603-0014-0000			7R
045291	31-003804	PARKSIDE TERRACE	PARKSIDE TERRACE; PARKSIDE TERRACE	AUBURN	P	1923	HIST.SURV.	5603-0009-9999			5D2

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
045279	31-005267	100 PARKSIDE TERRACE		AUBURN	P	1923	HIST.SURV.	5603-0009-0001		5D2	
045280	31-005268	118 PARKSIDE TERRACE		AUBURN	P	1925	HIST.SURV.	5603-0009-0002		5D2	
045281	31-005269	119 PARKSIDE TERRACE		AUBURN	P	1925	HIST.SURV.	5603-0009-0003		5D2	
045282	31-005270	126 PARKSIDE TERRACE		AUBURN	P	1927	HIST.SURV.	5603-0009-0004		5D2	
045283	31-005271	129 PARKSIDE TERRACE		AUBURN	P	1935	HIST.SURV.	5603-0009-0005		5D2	
045284	31-005272	140 PARKSIDE TERRACE		AUBURN	P	1923	HIST.SURV.	5603-0009-0006		5D2	
045285	31-005273	145 PARKSIDE TERRACE		AUBURN	P	1925	HIST.SURV.	5603-0009-0007		5D2	
045286	31-005274	155 PARKSIDE TERRACE		AUBURN	P	1935	HIST.SURV.	5603-0009-0008		5D2	
045287	31-005275	177 PARKSIDE TERRACE		AUBURN	P	1926	HIST.SURV.	5603-0009-0009		5D2	
045288	31-005276	188 PARKSIDE TERRACE		AUBURN	P	1923	HIST.SURV.	5603-0009-0010		5D2	
045289	31-003887	195 PARKSIDE TERRACE		AUBURN	P	1930	HIST.SURV.	5603-0009-0011		5D2	
045290		198 PARKSIDE TERRACE		AUBURN	P	1965	HIST.SURV.	5603-0009-0012		7R	
045721	31-004169	124 PINE ST		AUBURN	P	1910	HIST.SURV.	5603-0222-0000		5S2	
045722	31-004170	135 PINE ST		AUBURN	P	1915	HIST.SURV.	5603-0223-0000		5S2	
045723	31-004171	139 PINE ST		AUBURN	P	1930	HIST.SURV.	5603-0224-0000		5S2	
045724	31-004172	140 PINE ST		AUBURN	P	1880	HIST.SURV.	5603-0225-0000		5S2	
045725	31-004173	150 PINE ST		AUBURN	P	1890	HIST.SURV.	5603-0226-0000		5S2	
045726	31-004174	156 PINE ST		AUBURN	P	1900	HIST.SURV.	5603-0227-0000		5S2	
045727	31-004175	162 PINE ST		AUBURN	P	1890	HIST.SURV.	5603-0228-0000		5S2	
045728	31-004176	167 PINE ST	ROBINSON HOUSE	AUBURN	P	1900	HIST.SURV.	5603-0229-0000		5S2	
045729	31-004177	168 PINE ST		AUBURN	P	1915	HIST.SURV.	5603-0230-0000		5S2	
045730	31-004178	174 PINE ST		AUBURN	P	1910	HIST.SURV.	5603-0231-0000		5S2	
045731	31-004179	179 PINE ST		AUBURN	P	1890	HIST.SURV.	5603-0232-0000		5S2	
045732	31-004180	180 PINE ST		AUBURN	P	1920	HIST.SURV.	5603-0233-0000		5S2	
045733	31-004181	186 PINE ST		AUBURN	P	1895	HIST.SURV.	5603-0234-0000		5S2	
045734	31-004182	191 PINE ST	D. M. LINNINGER HOME	AUBURN	P	1890	HIST.SURV.	5603-0235-0000		5S2	
045735	31-004183	198 PINE ST		AUBURN	P	1895	HIST.SURV.	5603-0236-0000		5S2	
045740	31-004188	149 PLEASANT AVE	BED AND BREAKFAST	AUBURN	P	1890	HIST.SURV.	5603-0241-0000		7R	
045741	31-004189	167 PLEASANT AVE		AUBURN	P	1920	HIST.SURV.	5603-0242-0000		5S2	
045742	31-004190	191 PLEASANT AVE		AUBURN	P	1920	HIST.SURV.	5603-0243-0000		5S2	
045349	31-005288	125 REAMER ST		AUBURN	P	1920	HIST.SURV.	5603-0011-0001		7R	
045351	31-003912	144 REAMER ST	TUTTLES MANSION	AUBURN	P	1890	HIST.SURV.	5603-0011-0003		7N	
045350	31-005289	145 REAMER ST		AUBURN	P	1900	HIST.SURV.	5603-0011-0002		7N	
045352	31-005290	159 REAMER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0004		7N	
045353	31-005291	164 REAMER ST		AUBURN	P	1920	HIST.SURV.	5603-0011-0005		7N	
045354	31-003913	165 REAMER ST	KLEMM HOME	AUBURN	P	1910	HIST.SURV.	5603-0011-0006		7N	
045355		170 REAMER ST		AUBURN	P	1970	HIST.SURV.	5603-0011-0007		7R	
045357	31-003914	183 REAMER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0009		7N	
045356	31-005292	190 REAMER ST		AUBURN	P	1900	HIST.SURV.	5603-0011-0008		7N	
045358	31-005293	191 REAMER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0010		7N	
045359		203 REAMER ST		AUBURN	P	1920	HIST.SURV.	5603-0011-0011		7N	
045360	31-003915	209 REAMER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0012		7N	
045361	31-003916	215 REAMER ST		AUBURN	P	1915	HIST.SURV.	5603-0011-0013		7N	
045362	31-003917	218 REAMER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0014		7N	
045363	31-003918	221 REAMER ST		AUBURN	P	1920	HIST.SURV.	5603-0011-0015		7N	
045364	31-003919	224 REAMER ST	CLEGG HOME	AUBURN	P	1899	HIST.SURV.	5603-0011-0016		7N	
045365	31-003920	227 REAMER ST		AUBURN	P	1910	HIST.SURV.	5603-0011-0017		7N	
045265		SACRAMENTO ST	CHINESE AMERICAN COMMUNITY	AUBURN	P		HIST.SURV.	5603-0005-9999		7R	
045230	31-003766	103 SACRAMENTO ST	PLAZA SALOON, TSUDA GROCERY	AUBURN	P	1849	HIST.SURV.	5603-0001-0028		5S2	
							HIST.SURV.	5603-0007-0000		7R	
045232	31-003773	107 SACRAMENTO ST	OLD BUTCHER SHOP	AUBURN	P	1880	HIST.SURV.	5603-0001-0030	12/29/70	1D	
045231		111 SACRAMENTO ST	GOLD RUSH PLAZA	AUBURN	P	1965	HIST.SURV.	5603-0001-0029		7R	
045233	31-003776	135 SACRAMENTO ST	GEORGE K. TSUDA & SON	AUBURN	P	1915	HIST.SURV.	5603-0001-0031	12/29/70	1D	
045234	31-003775	147 SACRAMENTO ST		AUBURN	P	1850	HIST.SURV.	5603-0001-0032	12/29/70	1D	
045235	31-003777	150 SACRAMENTO ST		AUBURN	P	1870	HIST.SURV.	5603-0001-0033	12/29/70	1D	
045259		151 SACRAMENTO ST		AUBURN	P	1965	HIST.SURV.	5603-0001-0057		7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PROG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
045236	31-003785	157 SACRAMENTO ST	AUBURN STEAM LAUNDRY, GADBERRY'S A	AUBURN	P	1875	HIST. SURV.	5603-0001-0034	12/29/70	1D	
045237		157 SACRAMENTO ST	AUBURN STEAM LAUNDRY, MOTHER LODGE	AUBURN	P	1875	HIST. SURV.	5603-0001-0035	12/29/70	1D	
045238	31-003786	180 SACRAMENTO ST	MERCANTILE BUILDING	AUBURN	P	1870	HIST. SURV.	5603-0001-0036	12/29/70	1D	
045239	31-003787	197 SACRAMENTO ST		AUBURN	P	1850	HIST. SURV.	5603-0001-0037	12/29/70	1D	
045240	31-003788	198 SACRAMENTO ST	CLARK & CLARK ANTIQUES	AUBURN	P	1870	HIST. SURV.	5603-0001-0038	12/29/70	1D	
045241	31-003789	200 SACRAMENTO ST	CHINESE JOSS HOUSE	AUBURN	P	1860	HIST. SURV.	5603-0001-0039	12/29/70	1D	
045242	31-003790	206 SACRAMENTO ST		AUBURN	P	1920	HIST. SURV.	5603-0001-0040	12/29/70	1D	
045243	31-003791	212 SACRAMENTO ST		AUBURN	P	1920	HIST. SURV.	5603-0001-0041	12/29/70	1D	
045244	31-003792	215 SACRAMENTO ST	JONES HOUSE	AUBURN	P	1860	HIST. SURV.	5603-0001-0042	12/29/70	1D	
045245		220 SACRAMENTO ST	DEPARTMENT OF CORRECTIONS	AUBURN	P	1975	HIST. SURV.	5603-0001-0043		7R	
045246	31-003793	221 SACRAMENTO ST		AUBURN	P	1860	HIST. SURV.	5603-0001-0044	12/29/70	1D	
045247		226 SACRAMENTO ST		AUBURN	P	1980	HIST. SURV.	5603-0001-0045		7R	
045248		227 SACRAMENTO ST		AUBURN	P	1930	HIST. SURV.	5603-0001-0046		7R	
045249		228 SACRAMENTO ST		AUBURN	P	1925	HIST. SURV.	5603-0001-0047		7R	
045250		229 SACRAMENTO ST		AUBURN	P	1925	HIST. SURV.	5603-0001-0048		7R	
045252		233 SACRAMENTO ST		AUBURN	P	1925	HIST. SURV.	5603-0001-0050		7R	
045251		234 SACRAMENTO ST		AUBURN	P	1935	HIST. SURV.	5603-0001-0049		7R	
045253		234 SACRAMENTO ST		AUBURN	P	1965	HIST. SURV.	5603-0001-0051		7R	
045254		249 SACRAMENTO ST		AUBURN	P	1935	HIST. SURV.	5603-0001-0052		7R	
045255	31-003794	250 SACRAMENTO ST	CHURCH OF THE NAZARENE / AUBURN MO	AUBURN	P	1940	HIST. SURV.	5603-0001-0053		5S2	
109601	31-005250	1710 SHIRLAND TRACT RD		AUBURN	P	1930	HIST. SURV.	5603-0473-0000	06/16/97	7R	
109603	31-005251	1820 SHIRLAND TRACT RD		AUBURN	P	1880	HIST. SURV.	5603-0475-0000	06/16/97	7R	
045743	31-004191	112 SHIRLEY ST		AUBURN	P	1920	HIST. SURV.	5603-0244-0000		5S2	
045266	31-003802	SR 49	CHINESE AMERICAN CEMETERY	AUBURN	P	1910	HIST. SURV.	5603-0006-0000		7R	
045264	31-003800	SR 80	BRIDGE #19-45	AUBURN	S	1909	HIST. SURV.	5603-0004-0000		7N	
090256		SR 80	OLD CITY OF AUBURN	AUBURN	U		HIST. RES.	SHL-0404-0000	04/14/48	7L	
045744	31-004192	154 TENNIS WY		AUBURN	P	1926	HIST. SURV.	5603-0245-0000		5S2	
045745	31-004193	155 TENNIS WY	MABEL POWERS LUKENS RESIDENCE	AUBURN	P	1926	HIST. SURV.	5603-0246-0000		5S2	
045746	31-004194	164 TENNIS WY		AUBURN	P	1926	HIST. SURV.	5603-0247-0000		5S2	
045747	31-004195	170 TENNIS WY		AUBURN	P	1926	HIST. SURV.	5603-0248-0000		3S	
045748	31-004196	171 TENNIS WY	HENRY ADAMS RESIDENCE	AUBURN	P	1929	HIST. SURV.	5603-0249-0000		3S	
045749	31-004197	178 TENNIS WY		AUBURN	P	1926	HIST. SURV.	5603-0250-0000		5S2	
045750	31-004198	181 TENNIS WY	CHARLIE MCCLOUD RESIDENCE	AUBURN	P	1925	HIST. SURV.	5603-0251-0000		5S2	
045751	31-004199	186 TENNIS WY		AUBURN	P	1930	HIST. SURV.	5603-0252-0000		5S2	
045752	31-004200	187 TENNIS WY	CHARLIE MCCLOUD RENTAL	AUBURN	P	1927	HIST. SURV.	5603-0253-0000		5S2	
045753	31-004201	6 TERRACE CT	HOWARD DAVIS HOME	AUBURN	P	1910	HIST. SURV.	5603-0254-0000		5S2	
045378	31-003931	TUTTLE ST	TUTTLE TRACT, TUTTLE TRACT DISTRICT	AUBURN	P	1890	HIST. SURV.	5603-0011-9999		7N	
045366		101 TUTTLE ST		AUBURN	P	1890	HIST. SURV.	5603-0011-0018		7N	
045368	31-003921	125 TUTTLE ST		AUBURN	P	1920	HIST. SURV.	5603-0011-0020		7N	
045369	31-003922	152 TUTTLE ST		AUBURN	P	1925	HIST. SURV.	5603-0011-0021		7N	
045367		159 TUTTLE ST		AUBURN	P	1935	HIST. SURV.	5603-0011-0019		7R	
045370	31-003923	174 TUTTLE ST		AUBURN	P	1930	HIST. SURV.	5603-0011-0022		7N	
045371	31-003924	190 TUTTLE ST		AUBURN	P	1910	HIST. SURV.	5603-0011-0023		7N	
045754	31-004202	140 WALKER DR		AUBURN	P	1925	HIST. SURV.	5603-0255-0000		5S2	
045755	31-004203	206 WALSH ST		AUBURN	P	1915	HIST. SURV.	5603-0256-0000		5S2	
045756	31-004204	240 WALSH ST		AUBURN	P	1920	HIST. SURV.	5603-0257-0000		5S2	
045757	31-004205	242 WALSH ST	MERZ HOME	AUBURN	P	1900	HIST. SURV.	5603-0258-0000		5S2	
045229	31-003772	WASHINGTON ST	FIRE HOUSE #2 / OLD FIREHOUSE / AU	AUBURN	P	1891	HIST. RES.	NPS-11000937-0000	01/11/12	1S	AC
							NAT. REG.	31-0049	01/13/12	7J	
							HIST. SURV.	5603-0001-0027	12/29/70	1D	
045256	31-003795	218 WASHINGTON ST		AUBURN	P	1969	HIST. SURV.	5603-0001-0054		7R	
045257		226 WASHINGTON ST		AUBURN	P	1969	HIST. SURV.	5603-0001-0055		7R	
045258	31-003796	289 WASHINGTON ST	SHANGHAI RESTAURANT	AUBURN	P	1906	HIST. SURV.	5603-0001-0056	12/29/70	1D	
109068	31-005142	310 COVEY RD		(VIC) AUBURN	P	1910	HIST. SURV.	5603-0397-0000	06/16/97	7R	
088630	31-004988	LAKE ARTHUR RD	LAKE ARTHUR	(VIC) AUBURN	M	1909	HIST. SURV.	5603-0327-0000	03/22/94	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY, NAME	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT	
108836	31-005112		SOUTHERN PACIFIC CULVERT	(VIC) AUBURN	P	1916	HIST.SURV.	5603-0364-0000	06/16/97	7R		
108838	31-005113		LONESTAR CEMETERY / MORRIS CEMETE	(VIC) AUBURN	U	1900	HIST.SURV.	5603-0365-0000	06/16/97	7R		
108846	31-005115			(VIC) AUBURN	P	1909	HIST.SURV.	5603-0367-0000	06/16/97	7R		
108864	31-002627		DENITT CENTER	(VIC) AUBURN	C	1942	HIST.SURV.	5603-0371-9999	06/16/97	7R		
108898	31-003003		LONE STAR CANAL	(VIC) AUBURN	U		HIST.SURV.	5603-0374-0000	06/16/97	7R		
108902	31-005121		ROCK CREEK CANAL	(VIC) AUBURN	U	1940	HIST.SURV.	5603-0375-0000	06/16/97	7R		
108912	31-005123		AUBURN STATE RECREATION AREA / STA	(VIC) AUBURN	F	1935	HIST.SURV.	5603-0377-9999	06/16/97	7R		
108913	31-005124		DITCH-WESLEY LANE	(VIC) AUBURN	U	1940	HIST.SURV.	5603-0378-0000	06/16/97	7R		
184260			FIDDLER'S GREEN CANAL SEGMENT A	(VIC) AUBURN	P	1864	PROJ.REVW.	FERC110429A	07/29/11	6Y		
088496	29-000879		BEAR RIVER DITCH/SOUTH YUBA CANAL	(VIC) AUBURN	M	1850	HIST.SURV.	5603-0268-0000	03/22/94	7R		
	6331-0033											
	61											
088534			GOLD HILL CANAL	(VIC) AUBURN	M	1850	HIST.SURV.	5603-0300-0000	03/22/94	7R		
184262			FIDDLER'S GREEN CANAL SEGMENT C	(VIC) AUBURN	P	1864	PROJ.REVW.	FERC110429A	07/29/11	6Y		
103175			WOLF MOUNTAIN FIRE LOOKOUT STATION	(VIC) AUBURN	S	1981	ST.AG.5024	ST.AG.-3540-0042	09/12/96	4CM	AD	
174313			MOUNTAIN QUARRIES RAILROAD GRADE S	(VIC) AUBURN	F	1911	PROJ.REVW.	BUR080627A	07/15/08	6Y		
184257			LOWER BOARDMAN CANAL SEGMENT A/1	(VIC) AUBURN	P	1860	PROJ.REVW.	FERC110429A	07/29/11	6Y		
184258			LOWER BOARDMAN CANAL SEGMENT B/2	(VIC) AUBURN	P	1860	PROJ.REVW.	FERC110429A	07/29/11	6Y		
184261			FIDDLER'S GREEN CANAL SEGMENT B	(VIC) AUBURN	P	1864	PROJ.REVW.	FERC110429A	07/29/11	6Y		
108915	31-005125	2031 ALI LANE		(VIC) AUBURN	P	1910	HIST.SURV.	5603-0379-0000	06/16/97	7R		
108923	31-005126	2021 ANDREGG RD		(VIC) AUBURN	P	1930	HIST.SURV.	5603-0380-9999	06/16/97	7R		
108925	31-005127	2510 ANDREGG RD	MUSCAVITCH HOUSE	(VIC) AUBURN	P	1941	HIST.SURV.	5603-0381-0000	06/16/97	7R		
088486	31-004928	APPLE LANE	BOWMAN STORE	(VIC) AUBURN	M	1923	HIST.SURV.	5603-0259-0000	03/22/94	7R		
088487	31-004929	100 APPLE LANE	NELLIE ARMBRUSTER HOME / HURLEY HO	(VIC) AUBURN		1923	HIST.SURV.	5603-0260-0000	03/22/94	7R		
088488	31-004930	183 APPLE LANE	BOWMAN RANCH / MACHADO RANCH	(VIC) AUBURN	P	1900	HIST.SURV.	5603-0261-0000	03/22/94	7R		
108926	31-005128	15800 APPLGATE RD		(VIC) AUBURN	P	1925	HIST.SURV.	5603-0382-0000	06/16/97	7R		
108991	29-005129	10401 ATWOOD RD		(VIC) AUBURN	P	1940	HIST.SURV.	5603-0383-0000	06/16/97	7R		
108992	31-005130	10550 ATWOOD RD	STONE WALL-ATWOOD	(VIC) AUBURN	P	1900	HIST.SURV.	5603-0384-0000	06/16/97	7R		
088490	31-004931	AUBURN FOLSOM RD	PACIFIC GAS & ELECTRIC COMPANY AQU	(VIC) AUBURN	P	1931	HIST.SURV.	5603-0262-0000	03/22/94	7R		
108993	31-005131	1731 AUBURN FOLSOM RD		(VIC) AUBURN	P	1910	HIST.SURV.	5603-0385-9999	06/16/97	7R		
108994	31-005132	1879 AUBURN FOLSOM RD		(VIC) AUBURN	P	1930	HIST.SURV.	5603-0386-0000	06/16/97	7R		
108996	31-005133	1885 AUBURN FOLSOM RD		(VIC) AUBURN	P	1925	HIST.SURV.	5603-0387-0000	06/16/97	7R		
090907		AUBURN-FORESTHILL RD	BUCKNER'S BAR	(VIC) AUBURN	U		HIST.RES.	SPHI-PLA-003	11/19/74	7L		
090909		AUBURN-FORESTHILL RD	GRIZZLY BEAR HOUSE	(VIC) AUBURN	U		HIST.RES.	SPHI-PLA-004	11/19/74	7L		
090910		AUBURN-FORESTHILL RD	LIBERTY HOUSE	(VIC) AUBURN	U		HIST.RES.	SPHI-PLA-005	11/19/74	7L		
090911		AUBURN-FORESTHILL RD	BUTCHER RANCH	(VIC) AUBURN	U		HIST.RES.	SPHI-PLA-006	11/19/74	7L		
090912		AUBURN-FORESTHILL RD	TODD'S VALLEY	(VIC) AUBURN	U		HIST.RES.	SPHI-PLA-007	11/19/74	7L		
090914		AUBURN-FORESTHILL RD	U.S. RANCH	(VIC) AUBURN	U		HIST.RES.	SPHI-PLA-009	11/19/74	7L		
090915		AUBURN-FORESTHILL RD	SPRING GARDEN SCHOOL	(VIC) AUBURN	U	1881	HIST.RES.	SPHI-PLA-010	11/19/74	7L		
088491	31-004932	15240 BANCROFT RD	WHITTINGTON HOME / JACK AND DOYNE	(VIC) AUBURN	P	1928	HIST.SURV.	5603-0263-0000	03/22/94	7R		
088492	31-004933	BAXTER GRADE RD	CHINA WELL	(VIC) AUBURN	P	1875	HIST.SURV.	5603-0264-0000	03/22/94	7R		
088493	31-004934	8301 BAXTER GRADE RD	BAXTER WINTER HEADQUARTERS RANCH /	(VIC) AUBURN	P	1890	HIST.SURV.	5603-0265-0000	03/22/94	7R		
088494	31-004935	8780 BAXTER GRADE RD	GOLDEN EAGLE MINE SITE	(VIC) AUBURN	P	1914	HIST.SURV.	5603-0266-0000	03/22/94	7R		
088495	31-004936	8780 BAXTER GRADE RD	BOSSE RANCH / SPRING CREEK RANCH	(VIC) AUBURN	P	1890	HIST.SURV.	5603-0267-0000	03/22/94	7R		
108911	31-005122	BELL RD	BELL ROAD BRIDGE #19-C0144	(VIC) AUBURN	C	1923	PROJ.REVW.	FHWA970430A	07/22/97	6Y		
							HIST.SURV.	5603-0376-0000	06/16/97	7R		
088498	31-001816	BELL RD	ROCK CREEK DAM	(VIC) AUBURN	M	1916	HIST.SURV.	5603-0269-0000	03/22/94	7R		
088499	31-004937	3185 BELL RD	MOUNT VERNON GRANGE HALL	(VIC) AUBURN	P	1940	HIST.SURV.	5603-0270-0000	03/22/94	7R		
109011	31-005136	1230 BELL RD		(VIC) AUBURN	P	1930	HIST.SURV.	5603-0390-0000	06/16/97	7R		
109012	31-005137	3520 BELL RD		(VIC) AUBURN	P	1900	HIST.SURV.	5603-0391-0000	06/16/97	7R		
109013	31-005138	3527 BELL RD		(VIC) AUBURN	P	1935	HIST.SURV.	5603-0392-0000	06/16/97	7R		
109014	31-005139	4605 BELL RD		(VIC) AUBURN	P	1910	HIST.SURV.	5603-0393-0000	06/16/97	7R		
109016	31-002974	5045 BELL RD		(VIC) AUBURN	P	1935	PROJ.REVW.	FHWA970430A	07/22/97	6Y		
							HIST.SURV.	5603-0394-0000	06/16/97	7R		
088500	31-004938	635 BETTERLEY LANE	GEORGE BETTERLEY PLACE	(VIC) AUBURN	P	1885	HIST.SURV.	5603-0271-0000	03/22/94	7R		
088501	31-004939	2500 BLACK OAK RD	KILN	(VIC) AUBURN	P	1880	HIST.SURV.	5603-0272-0000	03/22/94	7R		

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NBS	CRIT
088502	31-004940	BOWMAN RD	CHANNEL HILL MINE SITE	(VIC) AUBURN	F		HIST.SURV.	5603-0273-0000	03/22/94	7R	
088503	31-004941	BOWMAN RD	SHERWOOD BOWMAN RANCH / MUSSO RANC	(VIC) AUBURN	P	1890	HIST.SURV.	5603-0274-0000	03/22/94	7R	
088504	31-004942	13431 BOWMAN RD	BRADANINI RANCH / FOOTHILLS MOTEL	(VIC) AUBURN	P	1920	HIST.SURV.	5603-0275-0000	03/22/94	7R	
088505	31-004943	13705 BOWMAN RD	BOWMAN AUTO COURT	(VIC) AUBURN	P	1935	HIST.SURV.	5603-0276-0000	03/22/94	7R	
088506	31-004944	13745 BOWMAN RD	CLYDE HAMMOND HOME / DALE NORTON H	(VIC) AUBURN	P	1926	HIST.SURV.	5603-0277-0000	03/22/94	7R	
088508	31-004945	13777 BOWMAN RD	ACKERMAN SCHOOL / BOWMAN SCHOOL	(VIC) AUBURN	C	1927	HIST.SURV.	5603-0278-0000	03/22/94	7R	
109029	31-005140	287 BRIDGEVIEW DR		(VIC) AUBURN	P	1900	HIST.SURV.	5603-0395-9999	06/16/97	7R	
109080	31-005119	1649 CANAL ST	PACIFIC GAS & ELECTRIC COMPANY	(VIC) AUBURN	P	1940	HIST.SURV.	5603-0372-9999	06/16/97	7R	
088510	31-004946	201 CHANNEL HILL RD	CHANNEL HILL GROCERY / KING'S PLAC	(VIC) AUBURN	P	1945	HIST.SURV.	5603-0279-0000	03/22/94	7R	
080511	31-004947	228 CHANNEL HILL RD	LEROY WELLER	(VIC) AUBURN	P	1940	HIST.SURV.	5603-0280-0000	03/22/94	7R	
088512	31-004948	CHRISTIAN VALLEY RD	HALSEY FOREBAY & BANCROFT RANCH SI	(VIC) AUBURN	M	1913	HIST.SURV.	5603-0281-0000	03/22/94	7R	
088513	31-004949	610 CHRISTIAN VALLEY RD	BANCROFT HOME / HARRIS HOME	(VIC) AUBURN	P	1880	HIST.SURV.	5603-0282-0000	03/22/94	7R	
088515	31-004950	781 CHRISTIAN VALLEY RD	ORMSBY DAIRY / SHINABARGER'S	(VIC) AUBURN	P	1900	HIST.SURV.	5603-0283-0000	03/22/94	7R	
088516	31-004951	1355 CHRISTIAN VALLEY RD	R.S.V. THOMAS HOME / LEVY HOME	(VIC) AUBURN	P	1910	HIST.SURV.	5603-0284-0000	03/22/94	7R	
088517	31-004955	COLE RANCH RD	COLE RANCH/TOPANELLI RANCH	(VIC) AUBURN	P	1930	HIST.SURV.	5603-0285-0000	03/22/94	7R	
088519	31-004952	9405 CRATER HILL RD	MUMDT RANCH / FORSTER RANCH	(VIC) AUBURN	P	1923	HIST.SURV.	5603-0286-0000	03/22/94	7R	
088521	31-004953	9600 CRATER HILL RD		(VIC) AUBURN	P	1865	HIST.SURV.	5603-0287-0000	03/22/94	7R	
109069	31-005143	1590 CROCKETT RD		(VIC) AUBURN	P	1920	HIST.SURV.	5603-0398-0000	06/16/97	7R	
109070	31-005144	1803 CROCKETT RD		(VIC) AUBURN	P	1920	HIST.SURV.	5603-0399-0000	06/16/97	7R	
088522	31-004954	DRY CREEK RD	CHRISTIAN VALLEY SCHOOL / TUTOR TO	(VIC) AUBURN	P	1852	HIST.SURV.	5603-0288-0000	03/22/94	7R	
088523	31-004955	DRY CREEK RD	HALSEY POWERHOUSE	(VIC) AUBURN	M	1913	HIST.SURV.	5603-0289-0000	03/22/94	7R	
088524	31-004956	DRY CREEK RD	WORKS PROGRESS ADMINISTRATION BRID	(VIC) AUBURN	C	1940	HIST.SURV.	5603-0290-0000	03/22/94	7R	
088525	31-004957	DRY CREEK RD	WORKS PROGRESS ADMINISTRATION BRID	(VIC) AUBURN	C	1940	HIST.SURV.	5603-0291-0000	03/22/94	7R	
109277	31-005149	13630 DRY CREEK RD		(VIC) AUBURN	P	1940	HIST.SURV.	5603-0404-0000	06/16/97	7R	
109278	31-005150	13740 DRY CREEK RD		(VIC) AUBURN	P	1940	HIST.SURV.	5603-0405-0000	06/16/97	7R	
109279	31-005151	13800 DRY CREEK RD		(VIC) AUBURN	P	1940	HIST.SURV.	5603-0406-0000	06/16/97	7R	
088526	31-004958	13960 DRY CREEK RD	JAMES S. HOWELL HOME	(VIC) AUBURN	P	1938	HIST.SURV.	5603-0292-0000	03/22/94	7R	
088527	31-004959	14135 DRY CREEK RD	GEORGE SILVA HOME / SANDERSON HOME	(VIC) AUBURN	P	1943	HIST.SURV.	5603-0293-0000	03/22/94	7R	
109280	31-005152	14181 DRY CREEK RD		(VIC) AUBURN	P	1925	HIST.SURV.	5603-0407-0000	06/16/97	7R	
088528	31-004960	14291 DRY CREEK RD	ARMBRUSTER RANCH / HAROLD FULGHOM	(VIC) AUBURN	P	1858	HIST.SURV.	5603-0294-0000	03/22/94	7R	
088529	31-004961	EDGEWOOD RD	SOUTHERN PACIFIC UNDERPASS	(VIC) AUBURN	P	1911	HIST.SURV.	5603-0295-0000	03/22/94	7R	
088530	31-004962	11500 EDGEWOOD RD	MARK BEECHER HOME	(VIC) AUBURN	P	1889	HIST.SURV.	5603-0296-0000	03/22/94	7R	
088531	31-004963	11630 EDGEWOOD RD	LESTER MILAM HOUSE	(VIC) AUBURN	P	1937	HIST.SURV.	5603-0297-0000	03/22/94	7R	
088532	31-004964	11760 EDGEWOOD RD	PELLENCER FARM / STEVE VICK RESIDE	(VIC) AUBURN	P	1930	HIST.SURV.	5603-0298-0000	03/22/94	7R	
109298	31-005153	141 FLOOD RD		(VIC) AUBURN	P	1870	HIST.SURV.	5603-0408-0000	06/16/97	7R	
109382	31-005154	245 FLOOD RD		(VIC) AUBURN	P	1940	HIST.SURV.	5603-0409-0000	06/16/97	7R	
183204		FOLSOM-AUBURN RD	OREGON HILL ABANDONED MINES	(VIC) AUBURN	S		PROJ.REVW.	BUR110106A	01/27/11	6Y	
108844	31-005114	FORESTHILL AVE		(VIC) AUBURN	C	1940	HIST.SURV.	5603-0366-0000	06/16/97	7R	
088533	31-004965	GOLD HILL RD	GOLD HILL SITE	(VIC) AUBURN	C	1850	HIST.SURV.	5603-0299-0000	03/22/94	7R	
088535	31-005263	GOLD HILL RD	GOLD HILL CEMETERY	(VIC) AUBURN	P	1850	HIST.SURV.	5603-0301-0000	03/22/94	7R	
088609	31-004966	GRASS VALLEY SR	EMERSON HOME	(VIC) AUBURN	P		HIST.SURV.	5603-0302-0000	03/22/94	7R	
088611	31-004968	GRASS VALLEY SR	THOMAS RANCH / LUX MONTE GUEST HOM	(VIC) AUBURN	P	1900	HIST.SURV.	5603-0304-0000	03/22/94	7R	
088612	31-005264	GRASS VALLEY SR	CHINESE CEMETERY	(VIC) AUBURN	P	1865	HIST.SURV.	5603-0305-0000	03/22/94	7R	
088613	31-004969	890 GRASS VALLEY SR	LITTLE BONANZA QUARTZ MINE / CHEVR	(VIC) AUBURN	P		HIST.SURV.	5603-0306-0000	03/22/94	7R	
088624	31-004970	1029 GRASS VALLEY SR	EDGEWOOD GROCERY STORE / MOULE'S G	(VIC) AUBURN	P	1946	HIST.SURV.	5603-0307-0000	03/22/94	7R	
088625	31-004971	1449 GRASS VALLEY SR	GASOLINE ALLEY / GASOLINE ALLEY SI	(VIC) AUBURN	P	1915	HIST.SURV.	5603-0308-0000	03/22/94	7R	
088616	31-004972	1940 GRASS VALLEY SR	CAL-IDA LUMBER COMPANY	(VIC) AUBURN	P	1945	HIST.SURV.	5603-0309-0000	03/22/94	7R	
088617	31-004973	2555 GRASS VALLEY SR	WENDELL HOMES RESIDENCE	(VIC) AUBURN	P		HIST.SURV.	5603-0310-0000	03/22/94	7R	
088618	31-004974	3605 GRASS VALLEY SR	GOLDSBERRY/ROCK CREEK SCHOOL SITE	(VIC) AUBURN	P		HIST.SURV.	5603-0311-0000	03/22/94	7R	
109387	31-005155	4030 GRASS VALLEY SR	UNION ICE COMPANY	(VIC) AUBURN	P	1935	HIST.SURV.	5603-0410-0000	06/16/97	7R	
109388	31-005227	4120 GRASS VALLEY SR		(VIC) AUBURN	P	1930	HIST.SURV.	5603-0411-0000	06/16/97	7R	
088619	31-004975	4195 GRASS VALLEY SR	BISSETT RANCH / GRIFFIN RANCH	(VIC) AUBURN	P	1947	HIST.SURV.	5603-0312-0000	03/22/94	7R	
109389	31-005159	4420 GRASS VALLEY SR		(VIC) AUBURN	P	1935	HIST.SURV.	5603-0412-0000	06/16/97	7R	
088620	31-004976	4511 GRASS VALLEY SR	FRESH AIR GROCERY / J.V. COUNTRY C	(VIC) AUBURN	P		HIST.SURV.	5603-0313-0000	03/22/94	7R	
088621	31-004977	5245 GRASS VALLEY SR	CHASTAIN RANCH / CLAVIN OEST RANCH	(VIC) AUBURN	P		HIST.SURV.	5603-0314-0000	03/22/94	7R	
088622	31-004978	5545 GRASS VALLEY SR	HANSON RANCH / L.E. JOHNSTON RANCH	(VIC) AUBURN	P	1890	HIST.SURV.	5603-0315-0000	03/22/94	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY	NAME	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
088623	31-004979	6190 GRASS VALLEY SR	PETER OEST RANCH / DOROTHY OEST FA	(VIC)	AUBURN	P	1941	HIST.SURV.	5603-0316-0000	03/22/94	7R	
088624	31-004980	6540 GRASS VALLEY SR	GLENN OEST LONE STAR DAIRY	(VIC)	AUBURN	P	1933	HIST.SURV.	5603-0317-0000	03/22/94	7R	
109390	31-005160	6715 GRASS VALLEY SR		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0413-0000	06/16/97	7R	
088625	31-004981	HAINES RD	P.G.&E. BRIDGE	(VIC)	AUBURN	M	1914	HIST.SURV.	5603-0318-0000	03/22/94	7R	
088626	31-004982	HAINES RD	WPA BRIDGE	(VIC)	AUBURN	C	1940	HIST.SURV.	5603-0319-0000	03/22/94	7R	
088627	31-004983	HAINES RD	WPA BRIDGE	(VIC)	AUBURN	C	1940	HIST.SURV.	5603-0320-0000	03/22/94	7R	
088630	31-004984	404 HAINES RD	HAMMOND/PORTER RANCH / EVERETT GIB	(VIC)	AUBURN	P	1915	HIST.SURV.	5603-0321-0000	03/22/94	7R	
088633	31-004985	635 HAINES RD	GEORGE HAINES RANCH / NICKEN HOME	(VIC)	AUBURN	P	1878	HIST.SURV.	5603-0322-0000	03/22/94	7R	
109401	31-005161	945 HAYWIRE RANCH RD		(VIC)	AUBURN	P	1920	HIST.SURV.	5603-0414-0000	06/16/97	7R	
045299	31-003888	1050 HIGH ST	PACIFIC GAS & ELECTRIC CO.'S DRUM	(VIC)	AUBURN	P	1928	HIST.SURV.	5603-0323-0000	03/22/94	7R	
									5603-0010-0008			3D
109406	31-005162	12025 HOLLY VISTA WY		(VIC)	AUBURN	P	1940	HIST.SURV.	5603-0415-0000	06/16/97		
088635	31-004986	12045 HOLLY VISTA WY	BETTFREUNDS HOME / BOLING RESIDENC	(VIC)	AUBURN	P	1938	HIST.SURV.	5603-0324-0000	03/22/94	7R	
088636	31-004987	12050 HOLLY VISTA WY	PANINI RESIDENCE / ROGER FLOYD RES	(VIC)	AUBURN	P	1940	HIST.SURV.	5603-0325-0000	03/22/94	7R	
088637	31-001814	1825 HULBERT WY	OAK RIDGE FARMS / HULBERT RANCH	(VIC)	AUBURN	P	1930	HIST.SURV.	5603-0326-0000	03/22/94	7R	
109442	31-005163	12473 HYDE PARK LANE		(VIC)	AUBURN	P	1940	HIST.SURV.	5603-0416-0000	06/16/97	7R	
109446	31-005164	9623 JOEGER RD		(VIC)	AUBURN	P	1920	HIST.SURV.	5603-0417-0000	06/16/97	7R	
109447	31-005165	10730 JOEGER RD		(VIC)	AUBURN	P	1930	HIST.SURV.	5603-0418-0000	06/16/97	7R	
109448	31-005166	10880 JOEGER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0419-0000	06/16/97	7R	
109449	31-005167	10950 JOEGER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0420-0000	06/16/97	7R	
109450	31-005168	10980 JOEGER RD		(VIC)	AUBURN	P	1930	HIST.SURV.	5603-0421-0000	06/16/97	7R	
109451	31-005169	11210 JOEGER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0422-0000	06/16/97	7R	
109452	31-005170	11826 JOEGER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0423-0000	06/16/97	7R	
109460	31-005171	440 KBENA DR		(VIC)	AUBURN	P	1920	HIST.SURV.	5603-0424-0000	06/16/97	7R	
108834	31-005111	KEMPER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0363-0000	06/16/97	7R	
109461	31-005172	216 KILHAM RD		(VIC)	AUBURN	P	1898	HIST.SURV.	5603-0425-0000	06/16/97	7R	
109462	31-005173	285 KILHAM RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0426-0000	06/16/97	7R	
109463	31-005174	294 KILHAM RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0427-0000	06/16/97	7R	
109470	31-005175	15730 LAKE ARTHUR RD		(VIC)	AUBURN	P	1880	HIST.SURV.	5603-0428-9999	06/16/97	7R	
195341		15730 LAKE ARTHUR RD	GAFFETT HOUSE	(VIC)	AUBURN	P	1889	PROJ.REVV.	EP110602A	09/26/11	6Y	
109472	31-005176	17939 LAKE ARTHUR RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0429-0000	06/16/97	7R	
109473		13400 LAKE VALLEY DR		(VIC)	AUBURN	P	1930	HIST.SURV.	5603-0431-9999	06/16/97	7R	
088642	31-004989	725 LESTER LANE	HAMMOND HOME #3 / DENNIS CLIFFORD	(VIC)	AUBURN	P	1944	HIST.SURV.	5603-0328-0000	03/22/94	7R	
088646	31-004990	775 LESTER LANE	HAMMOND HOME #4 / LESTER HAMMOND,	(VIC)	AUBURN	P	1946	HIST.SURV.	5603-0329-0000	03/22/94	7R	
109481	31-005181	1706 LILAC LANE		(VIC)	AUBURN	P	1925	HIST.SURV.	5603-0435-0000	06/16/97	7R	
109483	31-005182	13118 LINCOLN WY	HERMAN RANCH	(VIC)	AUBURN	P	1915	HIST.SURV.	5603-0436-0000	06/16/97	7R	
088650	31-004991	11715 LONE STAR RD	HERMAN OEST RANCH / DARYL OEST RAM	(VIC)	AUBURN	P	1895	HIST.SURV.	5603-0330-0000	03/22/94	7R	
109485	31-005185	11885 LONE STAR RD		(VIC)	AUBURN	P	1900	HIST.SURV.	5603-0438-9999	06/16/97	7R	
109486	31-005184	13085 LONE STAR RD	LONE STAR DAIRY	(VIC)	AUBURN	P	1925	HIST.SURV.	5603-0439-9999	06/16/97	7R	
088665	31-004992	LOZANOS	OPHIR	(VIC)	AUBURN	P	1849	HIST.SURV.	5603-0131-0000	03/22/94	7R	
									SHL-0463-0000	08/30/50	7L	
109487	31-005186	12232 LUTHER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0440-0000	06/16/97	7R	
109488	31-005187	12723 LUTHER RD		(VIC)	AUBURN	P	1930	HIST.SURV.	5603-0441-0000	06/16/97	7R	
109489	31-005188	12737 LUTHER RD		(VIC)	AUBURN	P	1930	HIST.SURV.	5603-0442-0000	06/16/97	7R	
109490	31-005189	12850 LUTHER RD		(VIC)	AUBURN	P	1940	HIST.SURV.	5603-0443-0000	06/16/97	7R	
109491	31-005190	12857 LUTHER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0444-0000	06/16/97	7R	
109492	31-005191	12880 LUTHER RD		(VIC)	AUBURN	P	1940	HIST.SURV.	5603-0445-0000	06/16/97	7R	
109493	31-005192	13145 LUTHER RD		(VIC)	AUBURN	P	1925	HIST.SURV.	5603-0446-9999	06/16/97	7R	
109495	31-005193	13167 LUTHER RD		(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0447-9999	06/16/97	7R	
109496	31-005236	13191 LUTHER RD		(VIC)	AUBURN	P	1940	HIST.SURV.	5603-0448-9999	06/16/97	7R	
088669	31-004993	13296 LUTHER RD	RAY WELER HOME	(VIC)	AUBURN	P	1945	HIST.SURV.	5603-0332-0000	03/22/94	7R	
109497	31-005225	13315 LUTHER RD	SIERRA PRESCHOOL	(VIC)	AUBURN	P	1935	HIST.SURV.	5603-0449-0000	06/16/97	7R	
109498	31-005226	13335 LUTHER RD		(VIC)	AUBURN	P	1920	HIST.SURV.	5603-0450-0000	06/16/97	7R	
109499	31-005228	13490 LUTHER RD		(VIC)	AUBURN	P	1920	HIST.SURV.	5603-0451-0000	06/16/97	7R	
109500	31-005229	11220 MALEZA LANE		(VIC)	AUBURN	P	1920	HIST.SURV.	5603-0452-0000	06/16/97	7R	
088673	31-004994	4140 MEYER LANE	THE ERNIE MEYER HOME	(VIC)	AUBURN	P	1927	HIST.SURV.	5603-0133-0000	03/22/94	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY, NAME	OWN	YR-C	ONP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
109512	31-005230	310 MILL POND RD		(VIC) AUBURN	P	1935	HIST. SURV.	5603-0454-0000	06/16/97	7R	
109513	31-005231	531 MILL RD		(VIC) AUBURN	P	1940	HIST. SURV.	5603-0455-0000	06/16/97	7R	
109516	31-005232	1500 MILLERTOWN RD		(VIC) AUBURN	P	1920	HIST. SURV.	5603-0456-0000	06/16/97	7R	
109881	31-005120	MT VERNON RD		(VIC) AUBURN	P	1930	HIST. SURV.	5603-0373-0000	06/16/97	7R	
088675	31-004995	MT VERNON RD	MOUNT VERNON COMMUNITY HALL SITE	(VIC) AUBURN	P	1910	HIST. SURV.	5603-0334-0000	03/22/94	7R	
088676	31-004996	8221 MT VERNON RD		(VIC) AUBURN	P	1919	HIST. SURV.	5603-0335-0000	03/22/94	7R	
088682	31-004997	8600 MT VERNON RD	HERKOMER HOME	(VIC) AUBURN	P	1920	HIST. SURV.	5603-0336-0000	03/22/94	7R	
088685	31-005093	9305 MT VERNON RD	MOODY RANCH / SCHENCK RANCH	(VIC) AUBURN	P	1880	HIST. SURV.	5603-0337-0000	03/22/94	7R	
088687	31-005094	9460 MT VERNON RD	TEAGARDEN FARM SITE	(VIC) AUBURN	P	1918	HIST. SURV.	5603-0338-0000	03/22/94	7R	
109520	31-005233	10000 MT VERNON RD		(VIC) AUBURN	P	1946	HIST. SURV.	5603-0457-9999	06/16/97	7R	
109521	31-005234	10940 MT VERNON RD	0	(VIC) AUBURN	P	1910	HIST. SURV.	5603-0458-0000	06/16/97	7R	
109522	31-005235	11243 MT VERNON RD		(VIC) AUBURN	P	1890	HIST. SURV.	5603-0459-0000	06/16/97	7R	
088688	31-005095	14135 MUSSO RD	GLENDALES AUTO COURT/SKELLENGER-SIM	(VIC) AUBURN	P	1915	HIST. SURV.	5603-0339-0000	03/22/94	7R	
109524	31-005237	14625 MUSSO RD		(VIC) AUBURN	P	1900	HIST. SURV.	5603-0460-0000	06/16/97	7R	
088690	31-005096	855 NEVADA ST	AUBURN AUTO WRECKERS	(VIC) AUBURN	P	1941	HIST. SURV.	5603-0340-0000	03/22/94	7R	
088691	31-005097	NEW AIRPORT RD	SOUTHERN PACIFIC CULVERT	(VIC) AUBURN	P	1911	HIST. SURV.	5603-0341-0000	03/22/94	7R	
088692	31-005098	100 OLD AIRPORT RD	LAUREN BRYAN HOME / SHACKELFORD HO	(VIC) AUBURN	P	1932	HIST. SURV.	5603-0342-0000	03/22/94	7J	
088693	31-005099	460 OLD AIRPORT RD	HAMMOND HOME #1 / DENNIS DONG RESI	(VIC) AUBURN	P	1920	HIST. SURV.	5603-0343-0000	03/22/94	7R	
088694	31-005100	520 OLD AIRPORT RD	HAMMOND HOME #2 / RUTH BUTTERWORTH	(VIC) AUBURN	P	1935	HIST. SURV.	5603-0344-0000	03/22/94	7R	
109532	31-005239	545 OLD AIRPORT RD		(VIC) AUBURN	P	1936	HIST. SURV.	5603-0462-0000	06/16/97	7R	
109534	31-005241	1775 OLD AIRPORT RD		(VIC) AUBURN	P	1930	HIST. SURV.	5603-0464-9999	06/16/97	7R	
088695	31-005101	1532 OLD CYPRESS LANE	MINING CLAIM 'SEVEN-THIRTY-FOUR'	(VIC) AUBURN	P	1940	HIST. SURV.	5603-0345-0000	03/22/94	7R	
109535	31-005242	11145 OLD DUDE RD		(VIC) AUBURN	P	1930	HIST. SURV.	5603-0465-0000	06/16/97	7R	
108859	31-005118	OPHIR RD		(VIC) AUBURN	P	1900	HIST. SURV.	5603-0370-0000	06/16/97	7R	
088696	31-004358	10681 OPHIR RD	PETE HALLBOM RANCH / ROBINSON HOME	(VIC) AUBURN	P	1905	HIST. SURV.	5603-0346-0000	03/22/94	7R	
088697	31-005102	10780 OPHIR RD	REPORTEDLY THE LUNDQUIST MINE PROP	(VIC) AUBURN	P	1930	HIST. SURV.	5603-0347-0000	03/22/94	7R	
088698	31-005103	11126 OPHIR RD	HOARTH STATION / JAMES AUTO BODY	(VIC) AUBURN	P	1930	HIST. SURV.	5603-0348-0000	03/22/94	7R	
182872		860 PACIFIC AVE	BOARDMAN CANAL ADSOP SEGMENT	(VIC) AUBURN	M	1850	PROJ. REVW.	BUR110415C	05/26/11	6Y	
109541	31-005243	235 PINEHILL RD		(VIC) AUBURN	P	1935	HIST. SURV.	5603-0466-0000	06/16/97	7R	
134399		QUAIL SPRINGS LANE	QUAIL SPRING RANCH	(VIC) AUBURN	P		HIST. RES.	DOB-31-02-0005-0000	09/04/02	6Y	
							PROJ. REVW.	COE020805A	09/04/02	6Y	
109576	31-005244	2125 RATTLESNAKE BAR RD		(VIC) AUBURN	P	1905	HIST. SURV.	5603-0467-0000	06/16/97	7R	
109580	31-005245	821 REED LANE		(VIC) AUBURN	P	1930	HIST. SURV.	5603-0468-0000	06/16/97	7R	
109581	31-005246	865 REED LANE		(VIC) AUBURN	P	1930	HIST. SURV.	5603-0469-0000	06/16/97	7R	
109582	31-005247	3915 RICHARDSON DR		(VIC) AUBURN	P	1915	HIST. SURV.	5603-0470-0000	06/16/97	7R	
088700	31-005105	131 ROBIN LANE	CLARENCE MUSSO HOUSE	(VIC) AUBURN	P	1937	HIST. SURV.	5603-0350-0000	03/22/94	7R	
108852	31-005116	RUSSELL RD		(VIC) AUBURN	C	1940	HIST. SURV.	5603-0368-0000	06/16/97	7R	
108853	31-005117	SHANLEY RD		(VIC) AUBURN	M	1930	HIST. SURV.	5603-0369-0000	06/16/97	7R	
109599	31-005248	2895 SHANLEY RD		(VIC) AUBURN	P	1940	HIST. SURV.	5603-0471-0000	06/16/97	7R	
109600	31-005249	1600 SHIRLAND TRACT RD		(VIC) AUBURN	P	1915	HIST. SURV.	5603-0472-0000	06/16/97	7R	
109604	31-005252	2020 SHIRLAND TRACT RD		(VIC) AUBURN	P	1915	HIST. SURV.	5603-0476-9999	06/16/97	7R	
109605	31-005253	2075 SHIRLAND TRACT RD		(VIC) AUBURN	P	1925	HIST. SURV.	5603-0477-9999	06/16/97	7R	
109606	31-005254	2200 SHIRLAND TRACT RD		(VIC) AUBURN	P	1915	HIST. SURV.	5603-0478-0000	06/16/97	7R	
109607	31-005255	2205 SHIRLAND TRACT RD	BOTHELLO HOUSE	(VIC) AUBURN	P	1915	HIST. SURV.	5603-0479-0000	06/16/97	7R	
109608	31-005256	2671 SHIRLAND TRACT RD		(VIC) AUBURN	P	1920	HIST. SURV.	5603-0480-0000	06/16/97	7R	
109609	31-005257	2800 SHIRLAND TRACT RD		(VIC) AUBURN	P	1910	HIST. SURV.	5603-0481-9999	06/16/97	7R	
109610	31-005258	2890 SHIRLAND TRACT RD		(VIC) AUBURN	P	1915	HIST. SURV.	5603-0482-0000	06/16/97	7R	
109611	31-005259	270 SHOCKLEY RD		(VIC) AUBURN	P	1935	HIST. SURV.	5603-0483-0000	06/16/97	7R	
088701	31-005106	SISSON RD	LONE STAR SCHOOL SITE	(VIC) AUBURN	P	1885	HIST. SURV.	5603-0351-0000	03/22/94	7R	
045262	31-003798	SR 49	BRIDGE #19-20	(VIC) AUBURN	S	1920	HIST. SURV.	5603-0002-0000		7R	
045263	31-003799	SR 49	BRIDGE #19-21	(VIC) AUBURN	S	1920	HIST. SURV.	5603-0003-0000		7R	
180036	31-005110	SR 49	PACIFIC PORTLAND CEMENT COMPANY RA	(VIC) AUBURN	S		HIST. SURV.	5603-0361-0000	06/16/97	7R	
090913		SR 80	CLIPPER GAP	(VIC) AUBURN	U		HIST. RES.	SPHI-PLA-008	11/19/74	7L	
109634	31-005260	13270 TEMPLE DR		(VIC) AUBURN	P	1880	HIST. SURV.	5603-0484-0000	06/16/97	7R	
109635	31-005261	126 TIERRA WY		(VIC) AUBURN	P	1930	HIST. SURV.	5603-0485-0000	06/16/97	7R	
109644	31-005262	1187 WESLEY LANE		(VIC) AUBURN	P	1935	HIST. SURV.	5603-0486-0000	06/16/97	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG.	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
069498	31-004502	WISE RD	WISE POWERHOUSE	(VIC) AUBURN	P	1913	PROJ. REVW.	FERC100727A	08/03/10	2S	AC
							HIST. SURV.	5603-0352-0000	03/22/94	2S	
							PROJ. REVW.	65001094	03/14/84	2S	
088703	31-005107	7647 WISE RD	VEIHMEIER RANCH / ANDERSON POLLED	(VIC) AUBURN	P	1855	HIST. SURV.	5603-0353-0000	03/22/94	7R	
088704	31-005108	9205 WISE RD	FORSTER HOUSE / MIKE DEERING & LAD	(VIC) AUBURN	P	1931	HIST. SURV.	5603-0354-0000	03/22/94	7R	
088705	31-005109	10393 WISE RD	JONES' PLACE / PERVIS HOUSE	(VIC) AUBURN	P	1880	HIST. SURV.	5603-0355-0000	03/22/94	7R	
109008	31-004428	35151 BAXTER RD		BAXTER	P	1926	HIST. SURV.	9570-0018-9999	06/16/97	7R	
102688		9818 LAKE ST	ROCKY ROOST/SPENCER GRANT HOUSE	BROCKWAY	P	1926	NAT. REG.	31-0008			
172839		9872 PILOT CR		BROCKWAY	P	1930	PROJ. REVW.	TRPA080616A	07/03/08	6Y	
133078		FOREST SERVICE RD 16N	STATELINE LOOKOUT TOWER / LTBMU	(VIC) BROCKWAY	F		HIST. RES.	DOE-31-00-0008-0000	10/31/00	6Y	
							PROJ. REVW.	USFS0001003A	10/31/00	6Y	
133079		FOREST SERVICE RD 16N	STATELINE LOOKOUT GARAGE / LTBMU	(VIC) BROCKWAY	F		HIST. RES.	DOE-31-00-0009-0000	10/31/00	6Y	
							PROJ. REVW.	USFS001003A	10/31/00	6Y	
161782		3800 N LAKE BLVD		CARNELIAN BAY	P	1956	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161783		3970 N LAKE BLVD		CARNELIAN BAY	P	1952	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161784		3990 N LAKE BLVD		CARNELIAN BAY	P	1938	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161785		4000 N LAKE BLVD		CARNELIAN BAY	P	1950	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161786		4350 N LAKE BLVD		CARNELIAN BAY	P	1928	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161787		4390 N LAKE BLVD		CARNELIAN BAY	P	1952	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161788		4470 N LAKE BLVD		CARNELIAN BAY	P	1944	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161789		4900 N LAKE BLVD		CARNELIAN BAY	P	1952	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161790		4920 N LAKE BLVD		CARNELIAN BAY	P	1948	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
136572		5146 N LAKE BLVD	SIERRA BOAT COMPANY	CARNELIAN BAY	P		HIST. RES.	DOE-31-02-0009-0000	01/16/03	6Y	
							PROJ. REVW.	FCC021220D	01/16/03	6Y	
181290		5394 N LAKE BLVD		CARNELIAN BAY	P	1951	PROJ. REVW.	TRPA101104A	01/25/11	6Y	
161791		5448 N LAKE BLVD		CARNELIAN BAY	P	1938	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
173792		6420 N LAKE BLVD		CARNELIAN BAY	P	1938	PROJ. REVW.	TRPA080801A	09/22/08	6Y	
171409		590 TUNNINGTON DR		CARNELIAN BAY	P	1953	PROJ. REVW.	TRPA080425A	05/29/08	6Y	
156912			OVERLAND EMIGRANT TRAIL	(VIC) CISCO GROVE	S	1840	PROJ. REVW.	FHWA050930K	11/08/05	2S2	AC
156915			OLD US 49 SEGMENT	(VIC) CISCO GROVE	S	1929	PROJ. REVW.	FHWA050930K	11/08/05	6Y	
126654			STEVENS TRAIL / RUTHERFORD'S ROAD	COLFAX	F	1870	HIST. RES.	NPS-02001391-0000	11/20/02	1S	A
							NAT. REG.	31-0016	09/15/00	3S	A
105481		24020 FOWLER RD	COLFAX FOREST FIRE STATION 2-BAY G	COLFAX	S	1936	ST. AG. 5024	ST. AG. -3540-0143	11/22/96	4CM	AD
089411		MAIN ST	FIRST TRANSCONTINENTAL RAILROAD -	COLFAX	U	1865	HIST. RES.	SHL-0780-5-0000	11/20/62	1CL	
120507		7 MAIN ST	COLFAX FREIGHT DEPOT/ COLFAX FREIG	COLFAX	FM	1880	HIST. RES.	NPS-99001564-0000	06/24/99	1S	AC
							NAT. REG.	31-0013	06/24/99	3S	AC
							PROJ. REVW.	FHWA970306A	03/25/97	2S2	AC
116426		RAILROAD AVE	COLFAX PASSENGER DEPOT	COLFAX	CM	1905	HIST. RES.	NPS-98001605-0000	01/15/99	1S	AC
							NAT. REG.	31-0009	01/15/99	1S	AC
107322		RAILROAD AVE	SOUTHERN PACIFIC RAILROAD COMPANY	COLFAX		1945	PROJ. REVW.	FHWA970306A	03/25/97	6Y	
107323		235 RAILROAD AVE	PACIFIC FRUIT EXCHANGE	COLFAX		1925	PROJ. REVW.	FHWA970306A	03/25/97	6Y	
072791		121 S AUBURN ST		COLFAX	U	1920	PROJ. REVW.	HUD910711E	08/06/91	6Y	
119864		SR 174	CAPE HORN PROMOTORY	COLFAX	P		ST. PT. INT.	31-0010	02/16/99	7J	
047498	11-004244	SR 80	BRIDGE #19-87	COLFAX	S	1913	HIST. SURV.	5713-0002-0000		3S	
047499		SR 80	NORTH LONG RAVINE UNDERPASS, BRIDG	COLFAX	P	1913	HIST. SURV.	5713-0003-0000		7N	
103174			HOWELL HILL FIRE LOOKOUT STATION	(VIC) COLFAX	S	1930	ST. AG. 5024	ST. AG. -3540-0035	09/12/96	4CM	AD
114929		COLFAX FORREST HILL R	BRIDGE #19C-2	(VIC) COLFAX	C	1930	HIST. RES.	DOE-31-86-0001-0000	10/19/86	2S2	C

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	PHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT	
109402	31-004500	1260 HILLCREST BLVD		(VIC) COLFAX	P	1928	PROJ.REVW.	FHWA860919Z	10/19/86	2S2	C	
114930		IOWA HILL RD	BRIDGE #19C-7 / IOWA HILL BRIDGE	(VIC) COLFAX	C	1928	HIST.SURV.	5713-0005-0000	06/16/97	7R		
							HIST.RES.	DOE-31-86-0002-0000	10/19/86	2S2	C	
090253		IOWA HILL RD	TOWN OF IOWA HILL	(VIC) COLFAX	P	1853	PROJ.REVW.	FHWA860919Z	10/19/86	2S2	C	
109560	31-004501	20465 PLACER HILLS RD		(VIC) COLFAX	P	1910	HIST.RES.	SHL-0401-0000	04/14/48	7L		
047497	11-004243	SR 174	BRIDGE #19-65	(VIC) COLFAX	S	1924	HIST.SURV.	5713-0006-9999	06/16/97	7R		
090257		SR 80	GOLD RUN	(VIC) COLFAX	P	1854	HIST.RES.	SHL-0405-0000	04/14/48	7L		
109649	31-004503	20271 W PAOLI LANE		(VIC) COLFAX	P	1925	HIST.SURV.	5713-0008-0000	06/16/97	7R		
108849	31-004691			DUTCH FLAT	P		HIST.SURV.	5714-0084-0000	06/16/97	7R		
108850	31-004692		CEDAR CREEK DITCH CO. VAULT	DUTCH FLAT	P	1860	HIST.SURV.	5714-0085-0000	06/16/97	7R		
108856	31-004693			DUTCH FLAT	P		HIST.SURV.	5714-0086-0000	06/16/97	7R		
108865	31-004694		UPPER MASONIC CEMETERY	DUTCH FLAT	U		HIST.SURV.	5714-0087-0000	06/16/97	7R		
108866	31-004695		HYDRAULIC MINING DITCH	DUTCH FLAT	U	1880	HIST.SURV.	5714-0088-0000	06/16/97	7R		
108867	31-004696		NICHOLLS DIGGINGS	DUTCH FLAT	P	1890	HIST.SURV.	5714-0089-0000	06/16/97	7R		
108869	31-004698		CHINATOWN SITE	DUTCH FLAT	P	1880	HIST.SURV.	5714-0091-0000	06/16/97	7R		
108870	31-004699		OLD CEMETERY / TOWN CEMETERY	DUTCH FLAT	U		HIST.SURV.	5714-0092-0000	06/16/97	7R		
108873	31-004700		MINING ADIT	DUTCH FLAT	P		HIST.SURV.	5714-0093-0000	06/16/97	7R		
129310			MONTE VISTA OVERCROSSING/ BRIDGE #	DUTCH FLAT		1961	HIST.RES.	DOE-31-01-0004-0000	12/03/01	6Y		
129311			CRYSTAL SPRINGS ROAD OVERCROSSING/	DUTCH FLAT		1964	HIST.RES.	DOE-31-01-0005-0000	12/03/01	6Y		
							PROJ.REVW.	FHWA010920A	12/03/01	6Y		
129312			BAKTER OVERCROSSING/ BRIDGE #19 01	DUTCH FLAT			HIST.RES.	DOE-31-01-0006-0000	12/03/01	6Y		
							PROJ.REVW.	FHWA010920A	12/03/01	6Y		
129313			DRUM FOREBAY OVERCROSSING/ BRIDGE	DUTCH FLAT		1960	HIST.RES.	DOE-31-01-0007-0000	12/03/01	6Y		
							PROJ.REVW.	FHWA010920A	12/03/01	6Y		
129315			BLUE CANYON ROAD UNDERCROSSING/ BR	DUTCH FLAT		1959	HIST.RES.	DOE-31-01-0009-0000	12/03/01	6Y		
							PROJ.REVW.	FHWA010920A	12/03/01	6Y		
129314			BLUE CANYON ROAD UNDERCROSSING/ BR	DUTCH FLAT		1959	HIST.RES.	DOE-31-01-0008-0000	12/03/01	6Y		
							PROJ.REVW.	FHWA010920A	12/03/01	6Y		
108536	31-004500	32932 5TH AVE		DUTCH FLAT	P	1870	HIST.SURV.	5714-0003-0000	06/16/97	7R		
108539	31-004510	32615 CLARK ST		DUTCH FLAT	P	1940	HIST.SURV.	5714-0005-0000	06/16/97	7R		
108540	31-004520	32645 CLARK ST		DUTCH FLAT	P	1870	HIST.SURV.	5714-0006-0000	06/16/97	7R		
108541	31-004521	32655 CLARK ST		DUTCH FLAT	P	1930	HIST.SURV.	5714-0007-0000	06/16/97	7R		
108542	31-004522	32665 CLARK ST		DUTCH FLAT	P	1880	HIST.SURV.	5714-0008-9999	06/16/97	7R		
108543	31-004523	32685 CLARK ST		DUTCH FLAT	P	1936	HIST.SURV.	5714-0009-9999	06/16/97	7R		
047506	31-004252	DUTCH FLAT HWY	CHINESE STORE, ADOBE BUILDING	DUTCH FLAT	U	0	HIST.SURV.	5714-0001-0007	01/01/73	1D		
108868	31-004697	JAY ST	DUTCH FLAT COMMUNITY CLUB	DUTCH FLAT	P	1940	HIST.SURV.	5714-0090-0000	06/16/97	7R		
108895	31-004701	LINCOLN RD		DUTCH FLAT	U		HIST.SURV.	5714-0094-0000	06/16/97	7R		
047507	31-003705	MAIN ST	DUTCH FLAT HISTORIC DISTRICT	DUTCH FLAT	P	1851	HIST.RES.	NPS-73000419-9999	03/28/73	1S		
							HIST.SURV.	5714-0001-9999	01/01/73	1S		
090250		MAIN ST	TOWN OF DUTCH FLAT	DUTCH FLAT	P	1851	HIST.RES.	SHL-0397-0000	04/14/48	7L		
047502	31-004248	32279 MAIN ST	CLAY LODGE #101, MASONIC TEMPLE	DUTCH FLAT	P	1856	HIST.SURV.	5714-0022-0000	06/16/97	7K		
	31-004536						HIST.SURV.	5714-0001-0003	01/01/73	1D		
108549	31-004528	32655 MAIN ST		DUTCH FLAT	P	1880	HIST.SURV.	5714-0014-0000	06/16/97	7R		
108557	31-004534	32770 MAIN ST		DUTCH FLAT	P	1885	HIST.SURV.	5714-0020-9999	06/16/97	7R		
047503	31-004249	32775 MAIN ST	HUDEPOHL STORE / OLIVE LODGE / DUT	DUTCH FLAT	P	1858	HIST.SURV.	5714-0021-0000	06/16/97	7K		
	31-004535						HIST.SURV.	5714-0001-0004	01/01/73	1D		
108848	31-004690	32785 MAIN ST		DUTCH FLAT	P	1850	HIST.SURV.	5714-0083-0000	06/16/97	7R		
108567	31-004537	32785 MAIN ST		DUTCH FLAT	P	1880	HIST.SURV.	5714-0023-0000	06/16/97	7R		
108568	31-004538	32791 MAIN ST		DUTCH FLAT	P	1850	HIST.SURV.	5714-0024-0000	06/16/97	7R		
047501	31-004247	32795 MAIN ST	DUTCH FLAT TRADING POST, GENERAL S	DUTCH FLAT	P	1854	HIST.SURV.	5714-0025-0000	06/16/97	7K		
	31-004539						HIST.SURV.	5714-0001-0002	01/01/73	1D		
047500	31-004246	32798 MAIN ST	DUTCH FLAT HOTEL	DUTCH FLAT	P	1852	HIST.SURV.	5714-0026-0000	06/16/97	7R		
	31-004540						ST.FND.PRG	619.C-HP-88-31-003	12/20/88	7L		

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT	
	31-004246											
	31-004540											
							ST. FND. PRG	619.0-HP-88-31-004	12/20/88	7L		
							FED. FND. PR	629.0-81-HPF-31-01	01/01/81	7L		
							FED. FND. PR	629.0-79-HPF-31-02	01/01/79	7L		
							HIST. SURV.	5714-0001-0001	01/01/73	1D		
108569	31-004541	32805 MAIN ST		DUTCH FLAT	P	1957	HIST. SURV.	5714-0027-0000	06/16/97	7R		
108571	31-004543	32815 MAIN ST		DUTCH FLAT	P	1900	HIST. SURV.	5714-0029-0000	06/16/97	7R		
108572	31-004544	32820 MAIN ST		DUTCH FLAT	P	1860	HIST. SURV.	5714-0030-0000	06/16/97	7R		
108573	31-004545	32825 MAIN ST		DUTCH FLAT	P	1910	HIST. SURV.	5714-0031-0000	06/16/97	7R		
108574	31-004546	32835 MAIN ST		DUTCH FLAT	P	1920	HIST. SURV.	5714-0032-0000	06/16/97	7R		
108575	31-004547	32855 MAIN ST		DUTCH FLAT	P	1870	HIST. SURV.	5714-0033-0000	06/16/97	7R		
108577	31-004549	32905 MAIN ST		DUTCH FLAT	P	1850	HIST. SURV.	5714-0035-0000	06/16/97	7R		
108578	31-004550	32920 MAIN ST		DUTCH FLAT	P	1860	HIST. SURV.	5714-0036-0000	06/16/97	7R		
108579	31-004551	32925 MAIN ST		DUTCH FLAT	P	1860	HIST. SURV.	5714-0037-0000	06/16/97	7R		
108580	31-004552	32935 MAIN ST		DUTCH FLAT	P	1850	HIST. SURV.	5714-0038-0000	06/16/97	7R		
108587	31-004557	33180 MAIN ST		DUTCH FLAT	P	1870	HIST. SURV.	5714-0043-0000	06/16/97	7R		
108595	31-004658	32655 PARK AVE		DUTCH FLAT	P	1936	HIST. SURV.	5714-0050-0000	06/16/97	7R		
108598	31-004661	32710 PARK AVE		DUTCH FLAT	P	1920	HIST. SURV.	5714-0051-0000	06/16/97	7R		
129309		32106 RIDGE RD		DUTCH FLAT	P	1935	HIST. RES.	DOE-31-01-0003-0000	12/03/01	6Y		
							PROJ. REVW.	FHWA010920A	12/03/01	6Y		
129308		32115 RIDGE RD	FORMER MONTE VISTA INN	DUTCH FLAT	P	1935	HIST. RES.	DOE-31-01-0002-0000	12/03/01	6Y		
							PROJ. REVW.	FHWA010920A	12/03/01	6Y		
047508	31-004253	SACRAMENTO ST	CHINESE STORE	DUTCH FLAT	P	1870	HIST. SURV.	5714-0002-0000		7R		
108603	31-004665	937 SACRAMENTO ST		DUTCH FLAT	P	1870	HIST. SURV.	5714-0057-0000	06/16/97	7R		
108606	31-004667	947 SACRAMENTO ST		DUTCH FLAT	P	1860	HIST. SURV.	5714-0059-0000	06/16/97	7R		
108607	31-004668	957 SACRAMENTO ST		DUTCH FLAT	P	1870	HIST. SURV.	5714-0060-0000	06/16/97	7R		
108608		967 SACRAMENTO ST		DUTCH FLAT	P	1870	HIST. SURV.	5714-0061-0000	06/16/97	7R		
108610	31-004670	977 SACRAMENTO ST		DUTCH FLAT	P	1860	HIST. SURV.	5714-0063-0000	06/16/97	7R		
181628		SR 50	DRUM NO. 1 AND 2 POWERHOUSE PENSTO	DUTCH FLAT	P	1913	PROJ. REVW.	FERC101118A	12/14/10	252		
108625	31-004678	924 STOCKTON ST		DUTCH FLAT	P	1930	HIST. SURV.	5714-0071-0000	06/16/97	7R		
108629	31-004683	942 STOCKTON ST		DUTCH FLAT	P	1860	HIST. SURV.	5714-0076-0000	06/16/97	7R		
108631	31-004684	952 STOCKTON ST		DUTCH FLAT	P	1890	HIST. SURV.	5714-0077-0000	06/16/97	7R		
108832	31-004688		MINING DITCH	(VIC) DUTCH FLAT	P	1880	HIST. SURV.	5714-0081-0000	06/16/97	7R		
108837	31-004689		DUTCH FLAT POWER HOUSE	(VIC) DUTCH FLAT	D	1914	HIST. SURV.	5714-0082-0000	06/16/97	7R		
108537	31-004509	920 CEMETERY ST		(VIC) DUTCH FLAT	P	1855	HIST. SURV.	5714-0004-0000	06/16/97	7R		
109272	31-004387	4970 DRUM POWERHOUSE RD	DRUM POWERHOUSE	(VIC) DUTCH FLAT	P	1912	HIST. SURV.	5714-0095-9999	06/16/97	7R		
108544	31-004524	953 JAY ST		(VIC) DUTCH FLAT	P	1860	HIST. SURV.	5714-0010-0000	06/16/97	7R		
108546	31-004525	972 JAY ST		(VIC) DUTCH FLAT	P	1940	HIST. SURV.	5714-0011-0000	06/16/97	7R		
108547	31-004526	982 JAY ST		(VIC) DUTCH FLAT	P	1936	HIST. SURV.	5714-0012-0000	06/16/97	7R		
108548	31-004527	30080 MAIN ST		(VIC) DUTCH FLAT	P	1890	HIST. SURV.	5714-0013-9999	06/16/97	7R		
108552	31-004529	32687 MAIN ST		(VIC) DUTCH FLAT	P	1870	HIST. SURV.	5714-0015-0000	06/16/97	7R		
108553	31-004530	32735 MAIN ST		(VIC) DUTCH FLAT	P	1860	HIST. SURV.	5714-0016-9999	06/16/97	7R		
108554	31-004531	32740 MAIN ST		(VIC) DUTCH FLAT	P	1900	HIST. SURV.	5714-0017-0000	06/16/97	7R		
108555	31-004532	32745 MAIN ST		(VIC) DUTCH FLAT	P	1850	HIST. SURV.	5714-0018-0000	06/16/97	7R		
108556	31-004533	32760 MAIN ST		(VIC) DUTCH FLAT	P	1854	HIST. SURV.	5714-0019-0000	06/16/97	7R		
108570	31-004542	32810 MAIN ST		(VIC) DUTCH FLAT	P	1860	HIST. SURV.	5714-0020-0000	06/16/97	7R		
108576	31-004548	32870 MAIN ST		(VIC) DUTCH FLAT	P	1870	HIST. SURV.	5714-0034-0000	06/16/97	7R		
108581	31-004553	32940 MAIN ST		(VIC) DUTCH FLAT	P	1920	HIST. SURV.	5714-0039-0000	06/16/97	7R		
108582	31-004554	32960 MAIN ST		(VIC) DUTCH FLAT	P	1860	HIST. SURV.	5714-0040-0000	06/16/97	7R		
108583	31-004555	33055 MAIN ST		(VIC) DUTCH FLAT	P	1925	HIST. SURV.	5714-0041-0000	06/16/97	7R		
108584	31-004556	33130 MAIN ST		(VIC) DUTCH FLAT	P	1856	HIST. SURV.	5714-0042-0000	06/16/97	7R		
108588	31-004652	33235 MAIN ST		(VIC) DUTCH FLAT	P	1915	HIST. SURV.	5714-0044-0000	06/16/97	7R		
108590	31-004653	1045 MATTEL DR		(VIC) DUTCH FLAT	M	1925	HIST. SURV.	5714-0045-0000	06/16/97	7R		
108591	31-004654	32787 NICKEL LANE		(VIC) DUTCH FLAT	P	1935	HIST. SURV.	5714-0046-0000	06/16/97	7R		
108592	31-004655	32788 NICKEL LANE		(VIC) DUTCH FLAT	P	1940	HIST. SURV.	5714-0047-0000	06/16/97	7R		

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
108593	31-004656	32645 PARK AVE		(VIC) DUTCH FLAT	P	1930	HIST.SURV.	5714-0048-9999	06/16/97	7R	
108594	31-004657	32650 PARK AVE		(VIC) DUTCH FLAT	P	1860	HIST.SURV.	5714-0049-0000	06/16/97	7R	
108596	31-004659	32670 PARK AVE		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0051-0000	06/16/97	7R	
108597	31-004660	32675 PARK AVE		(VIC) DUTCH FLAT	P	1930	HIST.SURV.	5714-0052-9999	06/16/97	7R	
109597	31-004702	597 SACRAMENTO ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0096-0000	06/16/97	7R	
108599	31-004662	908 SACRAMENTO ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0054-0000	06/16/97	7R	
108600	31-004663	918 SACRAMENTO ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0055-0000	06/16/97	7R	
108602	31-004664	928 SACRAMENTO ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0056-0000	06/16/97	7R	
108604	31-004666	938 SACRAMENTO ST		(VIC) DUTCH FLAT	P	1900	HIST.SURV.	5714-0058-9999	06/16/97	7R	
108609	31-004669	958 SACRAMENTO ST		(VIC) DUTCH FLAT	P	1900	HIST.SURV.	5714-0062-0000	06/16/97	7R	
108611	31-004671	963 SCHOOL ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0064-0000	06/16/97	7R	
108612	31-004672	32773 SCHOOL ST		(VIC) DUTCH FLAT	P	1930	HIST.SURV.	5714-0065-0000	06/16/97	7R	
108613	31-004673	32780 SCHOOL ST		(VIC) DUTCH FLAT	P	1935	HIST.SURV.	5714-0066-0000	06/16/97	7R	
090916		SR 40	BAXTER	(VIC) DUTCH FLAT	U		HIST.RES.	SPHI-PLA-013	08/16/83	7L	
108817	31-004687	900 STOCKTON ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0088-0000	06/16/97	7R	
108614	31-004674	900 STOCKTON ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0067-0000	06/16/97	7R	
108615	31-004675	904 STOCKTON ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0068-0000	06/16/97	7R	
108616	31-004676	915 STOCKTON ST		(VIC) DUTCH FLAT	P	1865	HIST.SURV.	5714-0069-0000	06/16/97	7R	
108624	31-004677	916 STOCKTON ST		(VIC) DUTCH FLAT	P	1935	HIST.SURV.	5714-0070-0000	06/16/97	7R	
108626	31-004679	932 STOCKTON ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0072-0000	06/16/97	7R	
047505	31-004251	933 STOCKTON ST	DUTCH FLAT GRAMMAR SCHOOL, DUTCH F	(VIC) DUTCH FLAT	M	1898	HIST.SURV.	5714-0073-0000	06/16/97	7K	
	31-004680			HIST.SURV.				5714-0001-0006	01/01/73	1D	
047504	31-004250	936 STOCKTON ST	DUTCH FLAT METHODIST EPISCOPAL CHU	(VIC) DUTCH FLAT	P	1859	HIST.SURV.	5714-0074-0000	06/16/97	7K	
	31-004681			HIST.SURV.				5714-0001-0005	01/01/73	1D	
108628	31-004682	941 STOCKTON ST		(VIC) DUTCH FLAT	P	1870	HIST.SURV.	5714-0075-0000	06/16/97	7R	
108633	31-004685	962 STOCKTON ST		(VIC) DUTCH FLAT	P	1935	HIST.SURV.	5714-0078-0000	06/19/97	7R	
108634	31-004686	972 STOCKTON ST		(VIC) DUTCH FLAT	P	1860	HIST.SURV.	5714-0079-0000	06/16/97	7R	
115924			RESIDENCES (2) / DRUM-SPAULDING HI	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0018	01/02/91	6Y	
				PROJ.REVW.				FHWA901213C	01/02/91	6Y	
115912			FUNICULAR / DRUM-SPAULDING HISTORI	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0006	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115908			MAIN DAM / DRUM-SPAULDING HISTORIC	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0002	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115909			SPILLWAY DAM / DRUM-SPAULDING HIST	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0003	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115910			AUXILIARY DAM / DRUM-SPAULDING HIS	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0004	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115911			SPAULDING POWERHOUSE #1 / DRUM-SPA	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0005	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115913			TUNNEL / DRUM-SPAULDING HISTORIC H	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0007	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115914			300 FT WOODEN FLUME / DRUM-SPAULDI	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0008	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115915			SETTLEMENT & CAMP SITES / DRUM-SPA	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0009	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115917			(2) PENSTOCKS / DRUM-SPAULDING HIS	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0011	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115918			DRUM FUNICULAR REMAINS / DRUM-SPAU	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0012	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115919			CLUBHOUSE / DRUM-SPAULDING HISTORI	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0013	01/02/91	2D2	C
				PROJ.REVW.				FHWA901213C	01/02/91	2D2	C
115921			DRUM POWERHOUSE #2 / DRUM-SPAULDIN	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0015	01/02/91	6Y	
				PROJ.REVW.				FHWA901213C	01/02/91	6Y	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NR5	CRIT
115922			PENSTOCK / DRUM-SPAULDING HISTORIC	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0016	01/02/91	6Y	
							PROJ.REVW.	FHWA901213C	01/02/91	6Y	
115923			RELOCATED TRANSFORMERS / DRUM-SPAU	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0017	01/02/91	6Y	
							PROJ.REVW.	FHWA901213C	01/02/91	6Y	
161860			BLUE CANYON WEATHER STATION/AIRPOR	EMIGRANT GAP	F	1930	PROJ.REVW.	GSA021108A	03/08/02	2S2	C
115916			DRUM FOREBAY / DRUM-SPAULDING HIST	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0010	01/02/91	2D2	C
							PROJ.REVW.	FHWA901213C	01/02/91	2D2	C
115920			DRUM CANAL / DRUM-SPAULDING HISTOR	EMIGRANT GAP	U	1913	HIST.RES.	DOE-31-91-0011-0014	01/02/91	6Y	
							PROJ.REVW.	FHWA901213C	01/02/91	6Y	
090255		SR 80	EMIGRANT GAP	EMIGRANT GAP	S	1845	HIST.RES.	SHL-0403-0000	04/14/48	7L	
069815		0	DRUM-SPAULDING HISTORIC HYDROELECT	(VIC) EMIGRANT GA	U	1913	HIST.RES.	DOE-31-91-0011-9999	01/02/91	2S2	AC
							PROJ.REVW.	FHWA901213C	01/02/91	2S2	A C
069816		0	DRUM POWERHOUSE 1	(VIC) EMIGRANT GA	U	1913	HIST.RES.	DOE-31-91-0011-0001	01/02/91	2S2	C
							PROJ.REVW.	FHWA901213C	01/02/91	2S2	C
069817		0 BOWMAN LAKE RD	CATTLEMEN'S SUMMER CAMPSITE	(VIC) EMIGRANT GA	U	0	HIST.RES.	DOE-31-91-0012-0000	01/02/91	6Y	
							PROJ.REVW.	FHWA901213C	01/02/91	6Y	
069818		0 BOWMAN LAKE RD	BEAR VALLEY Y CAMP	(VIC) EMIGRANT GA	U	1940	HIST.RES.	DOE-31-91-0013-0000	01/02/91	6Y	
							PROJ.REVW.	FHWA901213C	01/02/91	6Y	
069819		0 BOWMAN LAKE RD	PACIFIC GAS & ELECTRIC COMPANY GAR	(VIC) EMIGRANT GA	U	1930	HIST.RES.	DOE-31-19-0014-0000	01/02/91	6Y	
							PROJ.REVW.	FHWA901213C	01/02/91	6Y	
089435		HAMPSHIRE ROCKS RD	OVERLAND EMIGRANT TRAIL	(VIC) EMIGRANT GA	U		HIST.RES.	SHL-0799-2-0000	09/16/64	1CL	
047510		SE OF SODA SPRINGS	OLD SODA SPRINGS, MARK HOPKINS RET	(VIC) EMIGRANT GA	U	1873	HIST.SURV.	5715-0002-0000	12/15/78	1S	
047509	31-004254	SR 20	BRIDGE #19-61	(VIC) EMIGRANT GA	S	1912	HIST.SURV.	5715-0001-0000		7R	
046321	31-004236	AUBURN FORESTHILLS RD	LUSTER HOUSE	FORESTHILL	P	1974	HIST.SURV.	5631-0001-0000		7R	
108882	31-004779	6100 CHURCH ST	FINNING HOUSE	FORESTHILL	P	1860	HIST.SURV.	5631-0054-0000	06/16/97	7R	
090252		FORESTHILL RD	TOWN OF FOREST HILL	FORESTHILL	C	1850	HIST.RES.	SHL-0399-0000	04/14/48	7L	
077157	31-004740	24469 FORESTHILL RD		FORESTHILL	P	1880	HIST.SURV.	5631-0015-0000	06/16/97	7R	
							PROJ.REVW.	HUD920324J	06/16/92	6Y	
074326	31-004747	24707 FORESTHILL RD		FORESTHILL	P	1936	HIST.SURV.	5631-0014-0000	06/16/97	7R	
							PROJ.REVW.	HUD911218A	01/22/92	6Y	
108671	31-004751	24825 FORESTHILL RD		FORESTHILL	P	1900	HIST.SURV.	5631-0026-0000	06/16/97	7R	
108674	31-004754	24442 LOWE ST		FORESTHILL	P	1935	HIST.SURV.	5631-0029-0000	06/16/97	7R	
108677	31-004757	24160 MAIN ST		FORESTHILL	P		HIST.SURV.	5631-0032-0000	06/16/97	7R	
108678	31-004758	24260 MAIN ST	RED & WHITE STORE	FORESTHILL	P	1910	HIST.SURV.	5631-0033-0000	06/16/97	7R	
108679	31-004759	24406 MAIN ST	SCHUYLER HOUSE	FORESTHILL	P	1863	HIST.SURV.	5631-0034-0000	06/16/97	7R	
108680	31-004760	24490 MAIN ST		FORESTHILL	P	1910	HIST.SURV.	5631-0035-0000	06/16/97	7R	
108681	31-004761	24500 MAIN ST		FORESTHILL	P	1930	HIST.SURV.	5631-0036-0000	06/16/97	7R	
108682	31-004762	24560 MAIN ST		FORESTHILL	P	1860	HIST.SURV.	5631-0037-0000	06/16/97	7R	
108684	31-004764	24580 MAIN ST	FORESTHILL COMMUNITY CENTER	FORESTHILL	P	1910	HIST.SURV.	5631-0039-0000	06/16/97	7R	
108685	31-004765	24590 MAIN ST	FOREST HILL LODGE	FORESTHILL	P	1947	HIST.SURV.	5631-0040-0000	06/16/97	7R	
108686	31-004766	24640 MAIN ST		FORESTHILL	P	1940	HIST.SURV.	5631-0041-0000	06/16/97	7R	
108687	31-004767	24650 MAIN ST		FORESTHILL	P	1890	HIST.SURV.	5631-0042-0000	06/16/97	7R	
108688	31-004768	24680 MAIN ST		FORESTHILL	P	1860	HIST.SURV.	5631-0043-0000	06/16/97	7R	
108689	31-004769	24690 MAIN ST		FORESTHILL	P	1890	HIST.SURV.	5631-0044-0000	06/16/97	7R	
108690	31-004770	24708 MAIN ST		FORESTHILL	P		HIST.SURV.	5631-0045-0000	06/16/97	7R	
108683	31-004763	24750 MAIN ST	ALBRECHT STORE	FORESTHILL	P	1860	HIST.SURV.	5631-0038-0000	06/16/97	7R	
076631		SR 49	OLD FOREST HILL RANGER STATION	FORESTHILL	U	1934	PROJ.REVW.	USFS920206A	05/04/92	6Y	
108843	31-004777	YANKEE JIMS RD	YANKEE JIMS ROAD	FORESTHILL	U	1867	HIST.SURV.	5631-0052-0000	06/16/97	7R	
090251	31-004778	YANKEE JIMS RD	YANKEE JIM'S	FORESTHILL	F		HIST.RES.	5631-0053-0000	06/16/97	7R	
							HIST.RES.	SHL-0398-0000	04/14/48	7L	
155581			LITTLE BALD MOUNTAIN FIRE LOOKOUT	(VIC) FORESTHILL	F	1937	PROJ.REVW.	USFS891005B	12/01/03	6Y	
136398			DELLAR SPRINGS CABIN	(VIC) FORESTHILL	F		HIST.RES.	DOE-31-02-0008-0000	11/18/02	6Y	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OMP-PROG..	PRG-REFERENCE-NUMBER			
							PROJ.REVW.	USFS021018D	11/18/02	6Y	
108636	31-004703	5865 CHURCH ST		(VIC) FORESTHILL	P		HIST.SURV.	5631-0002-0000	06/16/97	7R	
108637	31-004726	6040 CHURCH ST		(VIC) FORESTHILL	P	1930	HIST.SURV.	5631-0003-0000	06/16/97	7R	
108638	31-004727	6055 CHURCH ST		(VIC) FORESTHILL	P	1901	HIST.SURV.	5631-0004-0000	06/16/97	7R	
108639	31-004728	6070 CHURCH ST		(VIC) FORESTHILL	P	1930	HIST.SURV.	5631-0005-0000	06/16/97	7R	
108641	31-004729	6075 CHURCH ST		(VIC) FORESTHILL	P	1937	HIST.SURV.	5631-0006-0000	06/16/97	7R	
108643	31-004730	6121 CHURCH ST		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0007-0000	06/16/97	7R	
108647	31-004731	23801 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0008-9999	06/16/97	7R	
108650	31-004732	24225 FORESTHILL RD		(VIC) FORESTHILL	P	1880	HIST.SURV.	5631-0009-0000	06/16/97	7R	
108651	31-004733	24245 FORESTHILL RD		(VIC) FORESTHILL	P	1870	HIST.SURV.	5631-0010-0000	06/16/97	7R	
108652	31-004735	24271 FORESTHILL RD		(VIC) FORESTHILL	P	1870	HIST.SURV.	5631-0011-0000	06/16/97	7R	
108659	31-004737	24281 FORESTHILL RD		(VIC) FORESTHILL	P	1870	HIST.SURV.	5631-0012-0000	06/16/97	7R	
108660	31-004738	24345 FORESTHILL RD		(VIC) FORESTHILL	P	1910	HIST.SURV.	5631-0013-0000	06/16/97	7R	
108667	31-004739	24407 FORESTHILL RD		(VIC) FORESTHILL	P	1860	HIST.SURV.	5631-0022-0000	06/16/97	7R	
108661	31-004741	24495 FORESTHILL RD		(VIC) FORESTHILL	D	1920	HIST.SURV.	5631-0016-0000	06/16/97	7R	
108662	31-004742	24515 FORESTHILL RD		(VIC) FORESTHILL	P	1880	HIST.SURV.	5631-0017-0000	06/16/97	7R	
108663	31-004743	24625 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0018-0000	06/16/97	7R	
108664	31-004744	24645 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0019-0000	06/16/97	7R	
108665	31-004745	24655 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0020-0000	06/16/97	7R	
108666	31-004746	24675 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0021-0000	06/16/97	7R	
108668	31-004748	24741 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0023-0000	06/16/97	7R	
108669	31-004749	24781 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0024-0000	06/16/97	7R	
108670	31-004750	24791 FORESTHILL RD		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0025-0000	06/16/97	7R	
108672	31-004752	6060 GOLD ST		(VIC) FORESTHILL	P	1870	HIST.SURV.	5631-0027-0000	06/16/97	7R	
108673	31-004753	24390 LOWE ST		(VIC) FORESTHILL	P	1860	HIST.SURV.	5631-0028-9999	06/16/97	7R	
108675	31-004755	24522 LOWE ST		(VIC) FORESTHILL	P	1900	HIST.SURV.	5631-0030-0000	06/16/97	7R	
108676	31-004756	24523 LOWE ST		(VIC) FORESTHILL	P	1930	HIST.SURV.	5631-0031-0000	06/16/97	7R	
090254		8200 MICHIGAN BLUFF RD	MICHIGAN BLUFF	(VIC) FORESTHILL	P	1850	HIST.RES.	SHL-0402-0000	04/14/48	7L	
137574		MOSQUITO RIDGE RD	CIRCLE BRIDGE	(VIC) FORESTHILL	F	1947	HIST.RES.	DOE-31-03-0008-0000	01/23/03	2S2 AC	
							PROJ.REVW.	USFS021210A	01/23/03	2S2 AC	
108692	31-004771	24370 RACE TRACK ST		(VIC) FORESTHILL	P	1950	HIST.SURV.	5631-0046-9999	06/16/97	7R	
108842	31-003744	YANKEE JIMS RD	SUSPENSION BRIDGE YANKEE JIMS ROAD	(VIC) FORESTHILL	U	1930	HIST.SURV.	5631-0051-0000	06/16/97	7R	
108693	31-004772	5765 YANKEE JIMS RD		(VIC) FORESTHILL	P	1880	HIST.SURV.	5631-0047-0000	06/16/97	7R	
108695	31-004773	5781 YANKEE JIMS RD		(VIC) FORESTHILL	P	1920	HIST.SURV.	5631-0048-0000	06/16/97	7R	
108696	31-004774	5840 YANKEE JIMS RD	FORD HOUSE	(VIC) FORESTHILL	P	1890	HIST.SURV.	5631-0049-0000	06/16/97	7R	
108697	31-004775	5850 YANKEE JIMS RD		(VIC) FORESTHILL	P	1860	HIST.SURV.	5631-0050-0000	06/16/97	7R	
109384	31-004917	31190 GOLD RUN RD		(VIC) GOLD RUN	P	1910	HIST.SURV.	5717-0003-0000	06/16/97	7R	
108826		GOLD RUN SCHOOL RD	GOLD RUN CEMETERY	(VIC) GOLD RUN	U	1868	HIST.SURV.	5717-0001-0000	06/16/97	7R	
108875	31-004916	GOLD RUN SCHOOL RD	PIONEER UNION CHURCH	(VIC) GOLD RUN	P	1855	HIST.SURV.	5717-0002-0000	06/16/97	7R	
109385	31-004918	30745 GOLD RUN SCHOOL RD	GOLD RUN SCHOOL	(VIC) GOLD RUN	P	1870	HIST.SURV.	5717-0004-0000	06/16/97	7R	
109482	31-004919	31125 LINCOLN RD		(VIC) GOLD RUN	P	1910	HIST.SURV.	5717-0005-0000	06/16/97	7R	
180331		9420 AUBURN FOLSOM RD	AUBURN-FOLSOM ROAD WIDENING PROJEC	GRANITE BAY	C	1894	PROJ.REVW.	BUR030428A	10/11/10	6Y	
135454		9935 AUBURN FOLSOM RD	SAN JUAN WATER DISTRICT MAINTENCE	GRANITE BAY	P	1982	HIST.RES.	DOE-31-02-0007-0000	06/12/02	6Y	
							PROJ.REVW.	FHWA020425D	06/12/02	6Y	
167417		DOUGLAS BLVD	DOUGLAS/MELWOOD PROJECT	GRANITE BAY	U		PROJ.REVW.	COE070727S	08/09/07	6Y	
176471		7000 LAIRD RD	QUEEN ANNE RESIDENCE AND TANK HOUS	GRANITE BAY	P	1880	PROJ.REVW.	COE090727B	08/03/09	2S2 C	
174269			ISOLATE DITCH	(VIC) GRANITE BAY	S		PROJ.REVW.	BUR080506S	05/21/08	6Y	
174270			PIONEER EXPRESS TRAIL	(VIC) GRANITE BAY	S		PROJ.REVW.	BUR080506S	05/21/08	2S2 A	
109001	31-004921	9022 BARTON RD		(VIC) GRANITE BAY	P	1910	HIST.SURV.	5746-0002-0000	06/16/97	7R	
108887	31-004920	DOUGLAS BLVD		(VIC) GRANITE BAY	P	1915	HIST.SURV.	5746-0001-9999	06/16/97	7R	
109536	31-004922	5322 OLIVE RANCH RD		(VIC) GRANITE BAY	P	1910	HIST.SURV.	5746-0003-0000	06/16/97	7R	
108833	31-003745	IOWA HILL RD	IOWA HILL ROAD BRIDGE	IOWA HILL	U	1930	HIST.SURV.	9571-0005-0000	06/16/97	7R	

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PROPERTY-NUMBER	PRIMARY-N	STREET ADDRESS	NAMES	CITY-NAME	OWN	YR-C	DHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
108871	31-004926	IOWA HILL RD		IOWA HILL	P		HIST.SURV.	9571-0006-0000	06/16/97	7R	
108828		IOWA HILL RD	IOWA HILL CEMETERY AND ST DOMINC'S	(VIC) IOWA HILL	F	1855	HIST.SURV.	9571-0001-0000	06/16/97	7R	
108829	31-004923	IOWA HILL RD		(VIC) IOWA HILL	P	1875	HIST.SURV.	9571-0002-0000	06/16/97	7R	
108830	31-004924	IOWA HILL RD	SCHWAB HOUSE	(VIC) IOWA HILL	P	1875	HIST.SURV.	9571-0003-0000	06/16/97	7R	
108831	31-004925	IOWA HILL RD		(VIC) IOWA HILL	P	1930	HIST.SURV.	9571-0004-0000	06/16/97	7R	
109444	31-004927	3520 IOWA HILL RD		(VIC) IOWA HILL	P	1900	HIST.SURV.	9571-0007-0000	06/16/97	7R	
172946		265 BEAR ST	LAKE AIR RESORT	KINGS BEACH	P	1955	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172949		268 BEAR ST	GLAD-LEE LODGE	KINGS BEACH	P	1947	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173004		8129 BROCKWAY VISTA AVE		KINGS BEACH	P	1939	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173006		8165 BROCKWAY VISTA AVE		KINGS BEACH	P	1940	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173012		8659 BROCKWAY VISTA AVE		KINGS BEACH	P	1920	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173013		8669 BROCKWAY VISTA AVE		KINGS BEACH	P	1942	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173015		8681 BROCKWAY VISTA AVE		KINGS BEACH	P	1938	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173016		8685 BROCKWAY VISTA AVE		KINGS BEACH	P	1938	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173017		8693 BROCKWAY VISTA AVE		KINGS BEACH	P	1954	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173025		8796 BROCKWAY VISTA AVE	BROCKWAY PINES COTTAGES	KINGS BEACH	P	1926	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172957		8470 BROOK AVE		KINGS BEACH	P	1955	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172952		8515 BROOK AVE	LA MEXICANA MEAT MARKET	KINGS BEACH	P	1930	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172955		8537 BROOK AVE		KINGS BEACH	P	1948	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173001		221 CHIPMUNK ST	BLUE WATERS LODGE	KINGS BEACH	P	1945	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172987		241 COON ST		KINGS BEACH	P	1951	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172940		265 DEER ST		KINGS BEACH	P	1950	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172941		325 DEER ST		KINGS BEACH	P	1955	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
161799		245 HARBOR AVE		KINGS BEACH	P	1926	PROJ.REVW.	FHWA040217C	02/27/04	6Y	
172999		8789 MINNOW AVE		KINGS BEACH	P	1945	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173000		8827 MINNOW AVE		KINGS BEACH	P	1947	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
161792		7460 N LAKE BLVD		KINGS BEACH	P	1932	PROJ.REVW.	FHWA040217C	02/27/04	6Y	
161793		7750 N LAKE BLVD		KINGS BEACH	P	1950	PROJ.REVW.	FHWA040217C	02/27/04	6Y	
156993		7900 N LAKE BLVD	BROCKWAY GOLF COURSE	KINGS BEACH	P	1924	PROJ.REVW.	FHWA051128D	12/02/05	6Y	
172907		8001 N LAKE BLVD		KINGS BEACH	P	1950	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173003		8080 N LAKE BLVD		KINGS BEACH	P	1924	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172916		8095 N LAKE BLVD	LITTLE BEAR COTTAGES	KINGS BEACH	P	1936	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172922		8111 N LAKE BLVD		KINGS BEACH	P	1952	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172924		8123 N LAKE BLVD	CAESAR'S COTTAGES	KINGS BEACH	P	1946	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172928		8173 N LAKE BLVD		KINGS BEACH	P	1940	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173007		8194 N LAKE BLVD	GOLDCREST LODGE	KINGS BEACH	P	1952	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172931		8199 N LAKE BLVD	BLAIR COTTAGES	KINGS BEACH	P	1937	PROJ.REVW.	FHWA061207E	02/14/07	2S2	
173008		8200 N LAKE BLVD	CROWN MOTEL	KINGS BEACH	P	1955	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173009		8308 N LAKE BLVD	SUN 'N' SAND LODGE	KINGS BEACH	P	1952	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172948		8399 N LAKE BLVD	BLUE LAGOON CAFE	KINGS BEACH	P	1900	PROJ.REVW.	FHWA061207E	02/14/07	2S2	
172956		8401 N LAKE BLVD	KING BUILDING	KINGS BEACH	P	1948	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172958		8545 N LAKE BLVD	ALPINE LODGE/TRADEWINDS	KINGS BEACH	P	1946	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173010		8612 N LAKE BLVD	MR. VIDEO	KINGS BEACH	P	1950	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173011		8636 N LAKE BLVD	LAKESIDE GALLERY AND GIFTS	KINGS BEACH	P	1930	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172991		8675 N LAKE BLVD		KINGS BEACH	P	1940	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173014		8680 N LAKE BLVD		KINGS BEACH	P	1934	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172993		8681 N LAKE BLVD	KINGS BEACH MINIATURE GOLF	KINGS BEACH	P	1958	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173018		8702 N LAKE BLVD		KINGS BEACH	P	1940	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173019		8716 N LAKE BLVD	EVERGREEN LODGE	KINGS BEACH	P	1950	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173020		8716 N LAKE BLVD	DEW-MAR COTTAGES	KINGS BEACH	P	1946	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
172998		8717 N LAKE BLVD	TACOS JALISCO	KINGS BEACH	P	1940	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173021		8742 N LAKE BLVD	STEVENSON'S HOLIDAY INN	KINGS BEACH	P	1946	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173022		8748 N LAKE BLVD		KINGS BEACH	P	1941	PROJ.REVW.	FHWA061207E	02/14/07	6Y	
173023		8762 N LAKE BLVD	SIERRA TV AND LAUNDERETTE	KINGS BEACH	P	1940	PROJ.REVW.	FHWA061207E	02/14/07	6Y	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
172996		8771 N LAKE BLVD		KINGS BEACH	P	1940	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
173024		8788 N LAKE BLVD		KINGS BEACH	P	1956	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
173025		8790 N LAKE BLVD	SIERRA PACIFIC COFFEE COMPANY	KINGS BEACH	P	1950	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
161794		8796 N LAKE BLVD		KINGS BEACH	P	1950	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
173002		8817 N LAKE BLVD	BROCKWAY HILLS APARTMENTS	KINGS BEACH	P	1951	PROJ. REVW.	FHWA061207E	02/14/07	252	
161795		9806 N LAKE BLVD		KINGS BEACH	P	1950	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161798		9866 N LAKE BLVD		KINGS BEACH	P	1950	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
172812		8094 RAINBOW AVE		KINGS BEACH	P	1940	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172939		8230 RAINBOW AVE		KINGS BEACH	P	1935	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172943		8333 RAINBOW AVE		KINGS BEACH	P	1949	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172944		8363 RAINBOW AVE		KINGS BEACH	P	1951	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172945		8368 RAINBOW AVE		KINGS BEACH	P	1957	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172988		8673 SALMON AVE		KINGS BEACH	P	1950	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172990		8679 SALMON AVE		KINGS BEACH	P	1960	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172994		8684 SALMON AVE		KINGS BEACH	P	1950	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172909		301 SECLINE ST	KINGS BEACH LIBRARY GARAGE	KINGS BEACH	M	1930	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172906		147 SPEEDBOAT AVE		KINGS BEACH	P	1945	PROJ. REVW.	TRPA071206A	03/03/08	6Y	
172942		8315 TROUT AVE	BENNING RESORT	KINGS BEACH	P	1945	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172947		8358 TROUT AVE		KINGS BEACH	P	1937	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172951		8448 TROUT AVE		KINGS BEACH	P	1946	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172950		8489 TROUT AVE	NORTHWOOD PINES MOTEL	KINGS BEACH	P	1950	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172953		8534 TROUT AVE		KINGS BEACH	P	1947	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
172954		8550 TROUT AVE		KINGS BEACH	P	1947	PROJ. REVW.	FHWA061207E	02/14/07	6Y	
161797		9805 YACHT ST		KINGS BEACH	P	1949	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161800		9881 YACHT ST		KINGS BEACH	P	1940	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
161801		9893 YACHT ST		KINGS BEACH	P	1946	PROJ. REVW.	FHWA040217C	02/27/04	6Y	
131144		SR 267	SR 267 ROAD SEGMENT	(VIC) KINGS BEACH	F		HIST. RES.	DOE-31-02-0004-0000	03/15/02	6Y	
							PROJ. REVW.	FHWA020201A	03/15/02	6Y	
073124			GRANITE CURB SYSTEM	LINCOLN	U	1900	PROJ. REVW.	FHWA910820B	09/23/91	6Y	
173364			LINCOLN AIRPORT WIND-T	LINCOLN	M	1942	PROJ. REVW.	FAA071022A	12/14/07	6Y	
178175		511 5TH ST	DOWNTOWN CIVIC CENTER	LINCOLN	M	1921	HIST. RES.	HUD091221G	03/26/10	252	C
046384	31-003709	590 5TH ST	LINCOLN PUBLIC LIBRARY / LINCOLN C	LINCOLN	M	1908	HIST. SURV.	5648-0002-0000	12/10/90	3S	
							HIST. RES.	NPS-90001814-0000	12/10/90	1S	AC
							NAT. REG.	31-0002	12/10/90	3S	AC
							ST. FND. PRO	619-0-HP-88-31-005	12/20/88	3S	
144648		878 A ST		LINCOLN	P		HIST. RES.	DOE-31-03-0017-0000	11/03/03	6Y	
							PROJ. REVW.	HUD030812B	11/03/03	6Y	
137750		941 AIRPORT RD		LINCOLN	P	1952	HIST. RES.	DOE-31-02-0012-0000	11/19/02	6Y	
							PROJ. REVW.	FHWA910903A	11/19/02	6Y	
073444	31-003640	3500 CHAMBERLAIN RD	NADER RANCH	LINCOLN	P	1880	HIST. SURV.	5648-0004-0000	03/22/94	7R	
							HIST. RES.	DOE-31-91-0007-0000	10/22/91	6Y	
							PROJ. REVW.	FHWA910903A	10/24/91	6Y	
115901		2780 DOWD RD	HAY BARN - FICKEWIRTH RANCH/GEORGE	LINCOLN	P	1901	HIST. RES.	DOE-31-91-0009-0002	10/22/91	2D2	C
							PROJ. REVW.	FHWA910903A	10/22/91	2D2	C
115902		2780 DOWD RD	RESIDENCE - FICKEWIRTH RANCH/GEORG	LINCOLN	P	1901	HIST. RES.	DOE-31-91-0009-0001	10/22/91	2D2	C
							PROJ. REVW.	FHWA910903A	10/22/91	2D2	C
115904		2780 DOWD RD	CHICKEN HOUSE LONG SHED - FICKEWIR	LINCOLN	P	1901	HIST. RES.	DOE-31-91-0009-0004	10/22/91	2D2	C
							PROJ. REVW.	FHWA910903A	10/22/91	2D2	C
115906		2780 DOWD RD	WINDMILL - FICKEWIRTH RANCH/GEORGE	LINCOLN	P	1901	HIST. RES.	DOE-31-91-0009-0006	10/22/91	2D2	C
							PROJ. REVW.	FHWA910903A	10/22/91	2D2	C
115905		2780 DOWD RD	TANKHOUSE - FICKEWIRTH RANCH/GEORG	LINCOLN	P	1901	HIST. RES.	DOE-31-91-0009-0005	10/22/91	2D2	C
							PROJ. REVW.	FHWA910903A	10/22/91	2D2	C
115903		2780 DOWD RD	BLACK SHOP - FICKEWIRTH RANCH/GEOR	LINCOLN	P	1901	HIST. RES.	DOE-31-91-0009-0003	10/22/91	2D2	C
							PROJ. REVW.	FHWA910903A	10/22/91	2D2	C

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126025		499 E ST	WOMAN'S CLUB OF LINCOLN	LINCOLN	P	1924	NAT.REG.	31-0017	05/30/01	35	A			
							HIST.RES.	NPS-01000331-0000	02/20/01	15	A			
112523		FERRARI RANCH RD	FERRARI RANCH BUILDING #3	LINCOLN	P	1910	HIST.RES.	DOE-31-97-0002-0003	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112526		FERRARI RANCH RD	FERRARI RANCH BUILDING #6	LINCOLN	P	1955	HIST.RES.	DOE-31-97-0002-0006	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112527		FERRARI RANCH RD	FERRARI RANCH BUILDING #7	LINCOLN	P	1925	HIST.RES.	DOE-31-97-0002-0007	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112528		FERRARI RANCH RD	FERRARI RANCH BUILDING #8	LINCOLN	P	1955	HIST.RES.	DOE-31-97-0002-0008	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112524		FERRARI RANCH RD	FERRARI RANCH BUILDING #4	LINCOLN	P	1955	HIST.RES.	DOE-31-97-0002-0004	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112519		FERRARI RANCH RD	FERRARI RANCH BUILDING COMPLEX	LINCOLN	P	1920	HIST.RES.	DOE-31-97-0002-9999	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112521		FERRARI RANCH RD	FERRARI RANCH BUILDING #1	LINCOLN	P	1965	HIST.RES.	DOE-31-97-0002-0001	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112522		FERRARI RANCH RD	FERRARI RANCH BUILDING #2	LINCOLN	P	1965	HIST.RES.	DOE-31-97-0002-0002	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112525		FERRARI RANCH RD	FERRARI RANCH BUILDING #5	LINCOLN	P	1947	HIST.RES.	DOE-31-97-0002-0005	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112529		FERRARI RANCH RD	FERRARI RANCH BUILDING #9	LINCOLN	P	1925	HIST.RES.	DOE-31-97-0002-0009	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
112530		FERRARI RANCH RD	FERRARI RANCH BUILDING #10	LINCOLN	P	1985	HIST.RES.	DOE-31-97-0002-0010	09/15/97	6Y				
							PROJ.REVW.	COE970818B	09/15/97	6Y				
046383	31-004237	654 H ST	EDWARD HILL HOUSE	LINCOLN	P	1898	HIST.SURV.	5648-0001-0000	01/01/82	252				
117039		1388 MCCOURTNEY RD	HUTCHINSON RANCH	LINCOLN	U		HIST.RES.	DOE-31-94-0002-0000	11/18/94	6Y				
							PROJ.REVW.	FHWA940912A	11/18/94	6Y				
117040		3611 MCCOURTNEY RD	L & K PRINCE HOUSE	LINCOLN	U		HIST.RES.	DOE-31-94-0003-0000	11/18/94	6Y				
							PROJ.REVW.	FHWA940912A	11/18/94	6Y				
073441		1600 MOORE RD		LINCOLN	P	1900	HIST.RES.	DOE-31-91-0004-0000	10/24/91	6Y				
							PROJ.REVW.	FHWA910903A	10/24/91	6Y				
073440		1700 MOORE RD	SCHEIBER RANCH	LINCOLN	P	1880	HIST.RES.	DOE-31-91-0003-9999	10/24/91	6Y				
							PROJ.REVW.	FHWA910903A	10/24/91	6Y				
137753		3980 N DOWD RD		LINCOLN	P	1951	HIST.RES.	DOE-31-02-0015-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				
137755		4884 N DOWD RD		LINCOLN	P	1950	HIST.RES.	DOE-31-02-0017-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				
137748		4090 NICOLAUS RD		LINCOLN	P	1920	HIST.RES.	DOE-31-02-0011-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				
137746		4470 NICOLAUS RD		LINCOLN	P	1948	HIST.RES.	DOE-31-02-0010-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				
112518		OAK TREE LANE	FERRARI GRANITE BUILDING	LINCOLN	P	1860	HIST.RES.	DOE-31-97-0001-0000	09/15/97	252	C			
							PROJ.REVW.	COE970818B	09/15/97	252	C			
137757		5020 RIOSA RD		LINCOLN	P	1945	HIST.RES.	DOE-31-02-0019-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				
137756		5040 RIOSA RD		LINCOLN	P	1940	HIST.RES.	DOE-31-02-0018-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				
138162		4401 SR 193		LINCOLN	P	1955	HIST.RES.	DOE-31-01-0011-0000	12/06/01	6Y				
							PROJ.REVW.	FHWA011109A	12/06/01	6Y				
073442		2330 SR 65	GATES RANCH	LINCOLN	P	1890	HIST.RES.	DOE-31-91-0005-0000	10/24/91	6Y				
							PROJ.REVW.	FHWA910903A	10/24/91	6Y				
137758		5801 SR 65		LINCOLN	P	1955	HIST.RES.	DOE-31-02-0020-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				
137752		3027 W WISE RD		LINCOLN	P	1944	HIST.RES.	DOE-31-02-0013-0000	11/19/02	6Y				
							PROJ.REVW.	FHWA910903A	11/19/02	6Y				

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PROPERTY-NUMBER	PRIMARY-N	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG.	PRG-REFERENCE-NUMBER	STAT	DAT	NRS	CRIT
073443		4005 WISE RD	AHART RANCH	LINCOLN	U	1890	HIST.RES. PROJ.REVW.	DOE-31-91-0005-0000 FHWA910903A	10/24/91		6Y	
088706	31-005157	906 BIG BEN RD	BIG BEN MINE	(VIC) LINCOLN	P	1863	HIST.SURV.	5648-0003-0000	03/22/94		7R	
088707	31-005158	2024 CROSBY HEROLD RD	FRANK G. ANDRE HOME	(VIC) LINCOLN	P	1900	HIST.SURV.	5648-0005-0000	03/22/94		7R	
088708	31-005194	DOWD RD	COON CREEK BRIDGE	(VIC) LINCOLN	P	1930	HIST.SURV.	5648-0006-0000	03/22/94		7R	
088709	31-005195	DOWD RD	KENTUCKY HOUSE SITE	(VIC) LINCOLN	U	1850	HIST.SURV.	5648-0007-0000	03/22/94		7R	
073439	31-003641	2780 DOWD RD	FICKEWIRTH RANCH/GEORGE V AHART RA	(VIC) LINCOLN	P	1901	HIST.SURV. HIST.RES. PROJ.REVW.	5648-0009-0000 DOE-31-91-0009-9999 FHWA910903A	03/22/94		252	
									10/24/91		252	C
									10/24/91		252	C
088712	31-005196	3000 FRUITVALE RD	FRUITVALE HALL	(VIC) LINCOLN	P	1890	HIST.SURV.	5648-0011-0000	03/22/94		7R	
088713	31-005199	3935 FRUITVALE RD		(VIC) LINCOLN	P		HIST.SURV.	5648-0012-0000	03/22/94		7R	
088714	31-005200	4065 FRUITVALE RD	PETERSON RANCH/WILSON RANCH	(VIC) LINCOLN	P		HIST.SURV.	5648-0013-0000	03/22/94		7R	
108910	31-005222	GLADDING RD		(VIC) LINCOLN	U	1935	HIST.SURV.	5648-0039-0000	06/16/97		7R	
108909	31-005221	HUNGRY HOLLOW RD		(VIC) LINCOLN	U		HIST.SURV.	5648-0038-0000	06/16/97		7R	
088716	31-001736	2010 LINCOLN-NEWCASTLE RD	GRANITE QUARRY/REMNANTS OF CHINESE	(VIC) LINCOLN	P	1878	HIST.SURV.	5648-0015-0000	03/22/94		7R	
088717	31-005201	MANZANITA CEMETERY RD	COON CREEK/MANZANITA SCHOOL	(VIC) LINCOLN	U	1856	HIST.SURV.	5648-0016-0000	03/22/94		7R	
088718	31-005202	MANZANITA CEMETERY RD	MANZANITA GROVE / MANZANITA CEMETE	(VIC) LINCOLN	P	1855	HIST.SURV.	5648-0017-0000	03/22/94		7R	
108899		MANZANITA RD	MANZANITA GROVE / MANZANITA CEMETE	(VIC) LINCOLN	P		HIST.SURV.	5648-0033-0000	06/16/97		7R	
109503	31-005223	3083 MANZANITA RD	SUNNYBROOK FARM / CON CREEK CATTLE	(VIC) LINCOLN	P	1890	HIST.SURV.	5648-0040-0000	06/16/97		7R	
108906	31-005218	MCCOURTNEY RD		(VIC) LINCOLN	U	1930	HIST.SURV.	5648-0035-0000	06/16/97		7R	
108907	31-005219	MCCOURTNEY RD		(VIC) LINCOLN	U		HIST.SURV.	5648-0036-0000	06/16/97		7R	
088719	31-005203	MCCOURTNEY RD	DANEVILLE SCHOOL	(VIC) LINCOLN	P	1874	HIST.SURV.	5648-0018-0000	03/22/94		7R	
108908	31-005220	MCCOURTNEY RD		(VIC) LINCOLN	U		HIST.SURV.	5648-0037-0000	06/16/97		7R	
088720	31-005204	4040 MCCOURTNEY RD	CLARK RANCH / VINEYARD RANCH	(VIC) LINCOLN	P	1880	HIST.SURV. HIST.SURV.	5648-0041-0000 5648-0019-0000	06/16/97		7R	
									03/22/94		7R	
088723	31-005206	MT PLEASANT RD	MOUNT PLEASANT COMMUNITY HALL	(VIC) LINCOLN	U	1886	HIST.SURV.	5648-0021-0000	03/22/94		7R	
088722	31-005205	MT PLEASANT RD	HUNGRY HOLLOW / MOUNT PLEASANT / N	(VIC) LINCOLN	P	1852	HIST.SURV.	5648-0020-0000	03/22/94		7R	
088724	31-005207	3750 MT PLEASANT RD	MOUNT PLEASANT SCHOOL	(VIC) LINCOLN	P		HIST.SURV.	5648-0022-0000	03/22/94		7R	
088710	31-005196	1950 N DOWD RD	OLIVE TREES	(VIC) LINCOLN	P	1916	HIST.SURV.	5648-0008-0000	03/22/94		7R	
088711	31-005197	4710 N DOWD RD	SUSOEFF RANCH	(VIC) LINCOLN	P	1934	HIST.RES. PROJ.REVW. HIST.SURV.	DOE-31-02-0016-0000 FHWA910903A 5648-0010-0000	11/19/02		6Y	
									03/22/94		7R	
108904	31-005217	RANCH HOUSE RD		(VIC) LINCOLN	U	1915	HIST.SURV.	5648-0034-0000	06/16/97		7R	
088715	31-001710	SR 65	BACCARAT GRAVEL AND DRIFT MINE	(VIC) LINCOLN	P		HIST.SURV.	5648-0014-0000	03/22/94		7R	
088725	31-005208	VIRGINIATOWN RD	VIRGINIATOWN ADOBE	(VIC) LINCOLN	P	1851	HIST.SURV.	5648-0023-0000	03/22/94		7R	
088726	31-005209	1935 VIRGINIATOWN RD	HAROLD BAKER HOME & RANCH	(VIC) LINCOLN	P		HIST.SURV.	5648-0024-0000	03/22/94		7R	
088727	31-005210	2790 VIRGINIATOWN RD	CONLEY DAIRY AND RANCH	(VIC) LINCOLN	P	1870	HIST.SURV.	5648-0025-0000	03/22/94		7R	
088728	31-005211	2905 VIRGINIATOWN RD	DANIEL'S RANCH / HANKE HOME	(VIC) LINCOLN	P	1910	HIST.SURV.	5648-0026-0000	03/22/94		7R	
088729	31-005212	4005 VIRGINIATOWN RD	COSTA DAIRY / IVAN HUNT HOME AND R	(VIC) LINCOLN	P	1900	HIST.SURV.	5648-0027-0000	03/22/94		7R	
088730	31-005213	4445 VIRGINIATOWN RD		(VIC) LINCOLN	P	1920	HIST.SURV.	5648-0028-0000	03/22/94		7R	
088731	31-005214	W WISE RD		(VIC) LINCOLN	P		HIST.SURV.	5648-0029-0000	03/22/93		7R	
088732	31-005215	4701 W WISE RD	SCHWARTZ RANCH	(VIC) LINCOLN	P	1927	HIST.RES. PROJ.REVW. HIST.SURV.	DOE-31-02-0014-0000 FHWA910903A 5648-0030-0000	11/19/02		6Y	
									03/22/94		7R	
088733	31-003166	5211 W WISE RD	AHART RANCH / MARINER RANCH	(VIC) LINCOLN	P	1880	HIST.SURV.	5648-0031-0000	03/22/94		7R	
088734	31-005216	4358 WISE RD	AHART RANCH / FAIROAKS SCHOOL SITE	(VIC) LINCOLN	P		HIST.SURV.	5648-0032-0000	03/22/94		7R	
163697			CROFTWOOD-1	LOOMIS			PROJ.REVW.	COE050614A	10/28/05		6Y	
163698			CROFTWOOD-2	LOOMIS			PROJ.REVW.	COE050614A	10/28/05		6Y	
163699			CROFTWOOD-3	LOOMIS			PROJ.REVW.	COE050614A	10/28/05		6Y	
163700			CROFTWOOD-4	LOOMIS		1952	PROJ.REVW.	COE050614A	10/28/05		6Y	
109046	31-005045	6915 CAVITT-STALLMAN RD		LOOMIS	P	1915	HIST.SURV.	5650-0008-0000	06/16/97		7R	
109051	31-005046	4808 CITRUS COLONY RD		LOOMIS	P	1910	HIST.SURV.	5650-0009-0000	06/16/97		7R	
109052	31-005047	5007 CITRUS COLONY RD		LOOMIS	P	1926	HIST.SURV.	5650-0010-9999	06/16/97		7R	
109281	31-005052	2260 DOARTE RD		LOOMIS	P	1930	HIST.SURV.	5650-0015-9999	06/16/97		7R	

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130717		5750 HORSESHOE BAR RD	BLUE ANCHOR FRUIT PACKING SHED	LOOMIS	P	1901	HIST.RES.	DOE-31-00-0007-0000	06/19/00	252	AC
							PROJ.REVW.	FHWA000317A	06/19/00	252	AC
130716		5775 HORSESHOE BAR RD	LOOMIS DEPOT	LOOMIS	P	1910	HIST.RES.	DOE-31-00-0006-0000	06/19/00	252	AC
							PROJ.REVW.	FHWA000317A	06/19/00	252	AC
100865		6201 HORSESHOE BAR RD		LOOMIS	P	1905	PROJ.REVW.	COE960129A	02/13/96	6Y	
109411	31-005058	6990 HORSESHOE BAR RD		LOOMIS	P		HIST.SURV.	5650-0021-0000	06/16/97	7R	
109434	31-005065	2633 HUMPHREY RD		LOOMIS	P	1890	HIST.SURV.	5650-0028-9999	06/16/97	7R	
109476	31-005077	3851 LEAK LANE		LOOMIS	P	1920	HIST.SURV.	5650-0040-9999	06/16/97	7R	
109477	31-005078	3943 LEAK LANE	PLACER ELEMENTARY SCHOOL	LOOMIS	P	1900	HIST.SURV.	5650-0041-9999	06/16/97	7R	
130715		3636 TAYLOR RD	TACO TREE	LOOMIS	P	1968	HIST.RES.	DOE-31-00-0005-0000	03/31/00	6Y	
							PROJ.REVW.	FHWA000317A	03/31/00	6Y	
109637	31-005092	3800 VAL VERDE RD		LOOMIS	P	1920	HIST.SURV.	5650-0059-0000	06/16/97	7R	
108889	31-005042			(VIC) LOOMIS	P	1890	HIST.SURV.	5650-0005-9999	06/16/97	7R	
109000	31-005043	4150 AUBURN FOLSOM RD	NIKON HOUSE	(VIC) LOOMIS	P	1860	HIST.SURV.	5650-0006-0000	06/16/97	7R	
088735	31-005038	3475 AUBURN-FOLSOM RD	MOUNTAINEER HOUSE SITE / BRENNON M	(VIC) LOOMIS	P	1870	HIST.SURV.	5650-0001-0000	03/22/94	7R	
109020	31-005044	2360 BRENNANS RD		(VIC) LOOMIS	P	1900	HIST.SURV.	5650-0007-0000	06/16/97	7R	
088736	31-005039	6950 CAVITT-STALLMAN RD	RICKEY RANCH	(VIC) LOOMIS	P	1910	HIST.SURV.	5650-0002-0000	03/22/94	7R	
109060	31-005048	6299 COLWELL RD		(VIC) LOOMIS	P	1890	HIST.SURV.	5650-0011-0000	06/16/97	7R	
109091	31-005049	3705 DE LAPP PL		(VIC) LOOMIS	P	1900	HIST.SURV.	5650-0012-0000	06/16/97	7R	
109270	31-005050	7590 DICK COOK RD		(VIC) LOOMIS	P	1920	HIST.SURV.	5650-0013-0000	06/16/97	7R	
109271	31-005051	7778 DICK COOK RD		(VIC) LOOMIS	P	1901	HIST.SURV.	5650-0014-0000	06/16/97	7R	
109399	31-005053	4524 HANSEN RD		(VIC) LOOMIS	P	1910	HIST.SURV.	5650-0016-0000	06/16/97	7R	
109400	31-005054	4927 HANSEN RD	DICK COOK HOUSE	(VIC) LOOMIS	P	1912	HIST.SURV.	5650-0017-0000	06/16/97	7R	
109404	31-005055	3625 HOLLY HILL LANE		(VIC) LOOMIS	P	1925	HIST.SURV.	5650-0018-0000	06/16/97	7R	
109407	31-005056	6731 HORSESHOE BAR RD		(VIC) LOOMIS	P	1900	HIST.SURV.	5650-0019-9999	06/16/97	7R	
109408	31-005057	6961 HORSESHOE BAR RD		(VIC) LOOMIS	P	1900	HIST.SURV.	5650-0020-0000	06/16/97	7R	
109412	31-005059	7575 HORSESHOE BAR RD		(VIC) LOOMIS	P	1920	HIST.SURV.	5650-0022-0000	06/16/97	7R	
109414	31-005060	7873 HORSESHOE BAR RD		(VIC) LOOMIS	P	1890	HIST.SURV.	5650-0023-0000	06/16/97	7R	
109415	31-005061	8280 HORSESHOE BAR RD	QUEEN ANN LARSON HOUSE	(VIC) LOOMIS	P	1890	HIST.SURV.	5650-0024-0000	06/16/97	7R	
109416	31-005062	8350 HORSESHOE BAR RD		(VIC) LOOMIS	D	1920	HIST.SURV.	5650-0025-0000	06/16/97	7R	
109420	31-005063	8595 HORSESHOE BAR RD		(VIC) LOOMIS	U	1880	HIST.SURV.	5650-0026-9999	06/16/97	7R	
109424	31-005064	9261 HORSESHOE BAR RD		(VIC) LOOMIS	P	1915	HIST.SURV.	5650-0027-0000	06/16/97	7R	
109435	31-005066	3070 HUMPHREY RD		(VIC) LOOMIS	P	1925	HIST.SURV.	5650-0029-0000	06/16/97	7R	
109436	31-005067	3104 HUMPHREY RD		(VIC) LOOMIS	P	1920	HIST.SURV.	5650-0030-0000	06/16/97	7R	
109439	31-005068	3120 HUMPHREY RD		(VIC) LOOMIS	P	1920	HIST.SURV.	5650-0031-0000	06/16/97	7R	
109441	31-005069	3136 HUMPHREY RD		(VIC) LOOMIS	P	1925	HIST.SURV.	5650-0032-0000	06/16/97	7R	
109464	31-005070	8718 KING RD		(VIC) LOOMIS	P	1895	HIST.SURV.	5650-0033-0000	06/16/97	7R	
109465	31-005071	8991 KING RD		(VIC) LOOMIS	P	1905	HIST.SURV.	5650-0034-0000	06/16/97	7R	
109466	31-005072	9044 KING RD		(VIC) LOOMIS	P	1925	HIST.SURV.	5650-0035-0000	06/16/97	7R	
109468	31-005073	6922 LAIRD RD		(VIC) LOOMIS	P	1925	HIST.SURV.	5650-0036-0000	06/16/97	7R	
109469	31-005074	6987 LAIRD RD		(VIC) LOOMIS	P	1910	HIST.SURV.	5650-0037-0000	06/16/97	7R	
109474	31-005075	7745 LAW LANE		(VIC) LOOMIS	P	1910	HIST.SURV.	5650-0038-0000	06/16/97	7R	
109475	31-005076	3805 LEAK LANE		(VIC) LOOMIS	P	1880	HIST.SURV.	5650-0039-0000	06/16/97	7R	
109502	31-005079	3703 MAMMOTH DR		(VIC) LOOMIS	P	1915	HIST.SURV.	5650-0043-9999	06/16/97	7R	
109527	31-005080	2701 NEWCASTLE RD		(VIC) LOOMIS	P	1920	HIST.SURV.	5650-0046-0000	06/16/97	7R	
108839	31-005041	PENRYN RD		(VIC) LOOMIS	P		HIST.SURV.	5650-0004-0000	06/16/97	7R	
109537	31-005081	3188 PENRYN RD		(VIC) LOOMIS	P	1920	HIST.SURV.	5650-0047-0000	06/16/97	7R	
109573	31-005082	7580 QUINN PL		(VIC) LOOMIS	P	1900	HIST.SURV.	5650-0048-0000	06/16/97	7R	
109575	31-005083	8025 RAMSSEN RD		(VIC) LOOMIS	P	1910	HIST.SURV.	5650-0049-0000	06/16/97	7R	
109592	31-005084	2745 RIPPEY RD		(VIC) LOOMIS	P	1925	HIST.SURV.	5650-0050-0000	06/16/97	7R	
088737	31-005040	3050 RIPPEY RD		(VIC) LOOMIS	P		HIST.SURV.	5650-0003-0000	03/22/94	7R	
109622	31-005085	3552 SUDOR LANE		(VIC) LOOMIS	P	1910	HIST.SURV.	5650-0051-0000	06/16/97	7R	
109623	31-005086	7257 SURETTE LANE	THE PENDLETON HOUSE	(VIC) LOOMIS	P	1908	HIST.SURV.	5650-0052-0000	06/16/97	7R	
109624	31-005087	7541 SUZUKI LANE		(VIC) LOOMIS	P	1900	HIST.SURV.	5650-0053-0000	06/16/97	7R	
109627	31-005088	2764 SWETZER RD		(VIC) LOOMIS	P	1890	HIST.SURV.	5650-0054-0000	06/16/97	7R	

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109628	31-005089	3011 SWETZER RD		(VIC) LOOMIS	P	1895	HIST.SURV.	5650-0055-0000	06/16/97	7R	
109631	31-005090	3025 TAYLOR RD		(VIC) LOOMIS	P	1915	HIST.SURV.	5650-0057-0000	06/16/97	7R	
109636	31-005091	1900 TWIN PALMS LANE		(VIC) LOOMIS	P	1880	HIST.SURV.	5650-0058-0000	06/16/97	7R	
163625				LITBNU	F		PROJ.REVW.	USFS050930E	10/31/05	6Y	
161772			WILLIAM KENT RESIDENTIAL COMPLEX	LITBNU	P	1950	PROJ.REVW.	USFS051017A	11/04/05	6Y	
155341			STATELINE POINT FIRE LOOKOUT	(VIC) LITBNU	F	1983	PROJ.REVW.	USFS091005B	12/01/03	6Y	
109056	31-004610	831 COLE RD		MEADOW VISTA	P	1890	HIST.SURV.	9572-0002-0000	06/16/97	7R	
109061	31-005015	1080 COMBIE RD		MEADOW VISTA	P	1935	HIST.SURV.	9572-0003-0000	06/16/97	7R	
109062	31-005016	1610 COMBIE RD		MEADOW VISTA	P	1925	HIST.SURV.	9572-0004-0000	06/16/97	7R	
109065	31-005017	1860 COMBIE RD		MEADOW VISTA	P	1935	HIST.SURV.	9572-0005-0000	06/16/97	7R	
109071	31-005018	17990 CROTHER HILLS RD		MEADOW VISTA	P	1939	HIST.SURV.	9572-0006-0000	06/16/97	7R	
109506	31-005022	705 MEADOW GATE RD		MEADOW VISTA	P		HIST.SURV.	9572-0011-9999	06/16/97	7R	
109511	31-005027	1430 MEADOW GATE RD		MEADOW VISTA	P	1925	HIST.SURV.	9572-0016-0000	06/16/97	7R	
108891	31-001772	MEADOW LANE		MEADOW VISTA	P		HIST.SURV.	9572-0001-0000	06/16/97	7R	
109555	31-005032	16698 PLACER HILLS RD		MEADOW VISTA	P		HIST.SURV.	9572-0022-0000	06/16/97	7R	
109089	31-005019	950 CROTHER RD		(VIC) MEADOW VIST	P	1900	HIST.SURV.	9572-0007-0000	06/16/97	7R	
109090	31-005020	981 CROTHER RD		(VIC) MEADOW VIST	P	1900	HIST.SURV.	9572-0008-0000	06/16/97	7R	
109505	31-005021	665 MEADOW GATE RD		(VIC) MEADOW VIST	P	1900	HIST.SURV.	9572-0010-0000	06/16/97	7R	
109507	31-005023	737 MEADOW GATE RD		(VIC) MEADOW VIST	P	1925	HIST.SURV.	9572-0012-0000	06/16/97	7R	
109508	31-005024	848 MEADOW GATE RD		(VIC) MEADOW VIST	P	1925	HIST.SURV.	9572-0013-0000	06/16/97	7R	
109509	31-005025	851 MEADOW GATE RD		(VIC) MEADOW VIST	P	1915	HIST.SURV.	9572-0014-0000	06/16/97	7R	
109510	31-005026	887 MEADOW GATE RD		(VIC) MEADOW VIST	P	1930	HIST.SURV.	9572-0015-0000	06/16/97	7R	
109514	31-005028	961 MILL RD		(VIC) MEADOW VIST	P	1935	HIST.SURV.	9572-0018-9999	06/16/97	7R	
109515	31-005029	975 MILL RD		(VIC) MEADOW VIST	P	1935	HIST.SURV.	9572-0019-0000	06/16/97	7R	
109517	31-005030	561 MOCKINGBIRD LANE		(VIC) MEADOW VIST	P	1930	HIST.SURV.	9572-0020-0000	06/16/97	7R	
109519	31-005031	2694 MOONBEAM TERRACE		(VIC) MEADOW VIST	P	1935	HIST.SURV.	9572-0021-0000	06/16/97	7R	
109557	31-005034	10811 PLACER HILLS RD		(VIC) MEADOW VIST	P	1925	HIST.SURV.	9572-0024-0000	06/16/97	7R	
109556	31-005033	17565 PLACER HILLS RD		(VIC) MEADOW VIST	P	1850	HIST.SURV.	9572-0023-9999	06/16/97	7R	
109558	31-005035	18930 PLACER HILLS RD		(VIC) MEADOW VIST	P	1930	HIST.SURV.	9572-0025-0000	06/16/97	7R	
109559	31-005036	19740 PLACER HILLS RD		(VIC) MEADOW VIST	P	1930	HIST.SURV.	9572-0026-0000	06/16/97	7R	
109639	31-005037	2165 VOLLEY RD		(VIC) MEADOW VIST	P	1935	HIST.SURV.	9572-0027-0000	06/16/97	7R	
072766	0		MICHIGAN BLUFF / LAST CHANCE TRAIL	MICHIGAN BLUFF	FP	1850	HIST.RES. NAT.REG.	NPS-92000854-0000 31-0003	06/26/92 06/26/92	18 35	AC AC
108851	31-004897		BRICK BUILDING PAGE ADDITION	NEWCASTLE	P	1887	HIST.SURV.	5658-0124-0000	06/16/97	7R	
108858	31-004898		LONG VALLEY HOUSE	NEWCASTLE	P	1905	HIST.SURV.	5658-0125-9999	06/16/97	7R	
108863	31-004900			NEWCASTLE	P	1903	HIST.SURV.	5658-0127-0000	06/16/97	7R	
108872	31-004899			NEWCASTLE	P	1910	HIST.SURV.	5658-0126-0000	06/16/97	7R	
108698	31-004805	402 2ND ST		NEWCASTLE	P	1900	HIST.SURV.	5658-0032-0000	06/16/97	7R	
108703	31-004806	407 2ND ST		NEWCASTLE	P	1920	HIST.SURV.	5658-0033-0000	06/16/97	7R	
108704	31-004807	455 2ND ST		NEWCASTLE	P	1910	HIST.SURV.	5658-0034-0000	06/16/97	7R	
108708	31-004812	520 2ND ST		NEWCASTLE	P	1930	HIST.SURV.	5658-0038-0000	06/16/97	7R	
108718	31-004813	308 3RD ST		NEWCASTLE	P	1904	HIST.SURV.	5658-0040-0000	06/16/97	7R	
108997	31-004902	1960 AUBURN FOLSOM RD	ARMY RANCH	NEWCASTLE	P	1890	HIST.SURV.	5658-0129-0000	06/16/97	7R	
108725	31-004820	270 BUENA VISTA AVE		NEWCASTLE	P	1923	HIST.SURV.	5658-0047-0000	06/16/97	7R	
108731	31-004826	450 BUENA VISTA AVE		NEWCASTLE	P	1890	HIST.SURV.	5658-0053-0000	06/16/97	7R	
108735	31-004830	9585 CHANTRY HILL RD		NEWCASTLE	C	1926	HIST.SURV.	5658-0057-0000	06/16/97	7R	
108736	31-004831	9211 CYPRESS ST	NEWCASTLE FIRE STATION #1	NEWCASTLE	C	1930	HIST.SURV.	5658-0058-0000	06/16/97	7R	
108737	31-004832	9220 CYPRESS ST		NEWCASTLE	P	1920	HIST.SURV.	5658-0059-0000	06/16/97	7R	
108741	31-004836	9064 HOWELL LANE		NEWCASTLE	P	1930	HIST.SURV.	5658-0063-0000	06/16/97	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG.	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
108742	31-004837	550 KELLOGG ST		NEWCASTLE	P	1920	HIST.SURV.	5658-0064-0000	06/16/97	7R	
108743	31-004838	561 KELLOGG ST		NEWCASTLE	P	1900	HIST.SURV.	5658-0065-0000	06/16/97	7R	
108744	31-004839	564 KELLOGG ST		NEWCASTLE	P	1915	HIST.SURV.	5658-0066-0000	06/16/97	7R	
108751	31-004845	8981 LANGS HILL RD		NEWCASTLE	P	1910	HIST.SURV.	5658-0072-0000	06/16/97	7R	
089409		MAIN ST	FIRST TRANSCONTINENTAL RAILROAD	NEWCASTLE	U	1864	HIST.RES.	SHL-0780-3-0000	11/20/62	1CL	
108758	31-004851	450 MAIN ST		NEWCASTLE	P	1890	HIST.SURV.	5658-0078-0000	06/16/97	7R	
108760	31-004852	455 MAIN ST	NEWCASTLE FRUIT SHEDS	NEWCASTLE	P	1903	HIST.RES.	SPHI-PLA-021	03/15/00	1CL	
							ST.PT.INT.	31-0012	03/30/99	7L	
							HIST.SURV.	5658-0079-0000	06/16/97	7R	
108762	31-004853	458 MAIN ST	PLACER COUNTY BANK / PLACER SAVING	NEWCASTLE	P	1895	HIST.SURV.	5658-0080-0000	06/16/97	7R	
108765	31-004854	461 MAIN ST	THE DODLEY BUILDING	NEWCASTLE	P	1932	HIST.SURV.	5658-0081-0000	06/16/97	7R	
108772	31-004856	470 MAIN ST		NEWCASTLE	P	1875	HIST.SURV.	5658-0083-0000	06/16/97	7R	
108773	31-004857	477 MAIN ST	BANK OF AMERICA / GUS PEARSON'S XE	NEWCASTLE	P	1915	HIST.SURV.	5658-0084-0000	06/16/97	7R	
108775	31-004859	490 MAIN ST		NEWCASTLE	P	1940	HIST.SURV.	5658-0086-0000	06/16/97	7R	
108776	31-004860	501 MAIN ST		NEWCASTLE	P	1890	HIST.SURV.	5658-0087-0000	06/16/97	7R	
108847	31-004896	3210 NEWCASTLE RD		NEWCASTLE	P	1890	HIST.SURV.	5658-0123-0000	06/16/97	7R	
108777	31-004861	8960 OLD STATE SR		NEWCASTLE	P	1935	HIST.SURV.	5658-0088-0000	06/16/97	7R	
108780	31-004862	8961 OLD STATE SR		NEWCASTLE	P	1920	HIST.SURV.	5658-0089-0000	06/16/97	7R	
108783	31-004864	9070 OLD STATE SR		NEWCASTLE	P	1920	HIST.SURV.	5658-0091-0000	06/16/97	7R	
108792	31-004872	9241 OLD STATE SR		NEWCASTLE	P	1920	HIST.SURV.	5658-0099-0000	06/16/97	7R	
108794	31-004874	9357 OLD STATE SR	NEWCASTLE FRUIT SHEDS	NEWCASTLE	P	1930	HIST.SURV.	5658-0101-0000	06/16/97	7R	
108796	31-004876	9030 PAGE ST		NEWCASTLE	P	1900	HIST.SURV.	5658-0103-0000	06/16/97	7R	
109578	31-004908	3195 RATTLESNAKE BAR RD	WINTON HOUSE	NEWCASTLE	P	1880	HIST.SURV.	5658-0135-0000	06/16/97	7R	
109579	31-004909	3255 RATTLESNAKE BAR RD		NEWCASTLE	P	1887	HIST.SURV.	5658-0136-0000	06/16/97	7R	
109595	31-004910	9580 ROCK SPRINGS RD		NEWCASTLE	P	1920	HIST.SURV.	5658-0137-0000	06/16/97	7R	
046403	31-002962	SR 193	NEWCASTLE TUNNEL, BRIDGE #19-15	NEWCASTLE	S	1932	HIST.SURV.	5658-0001-0000		3S	
108807	31-004888	420 TAYLOR RD		NEWCASTLE	P	1890	HIST.SURV.	5658-0115-0000	06/16/97	7R	
109638	31-004914	10030 VAN RIPER LANE		NEWCASTLE	P	1925	HIST.SURV.	5658-0141-0000	06/16/97	7R	
108890			OLD NEWCASTLE CHINATOWN / JAPANESE	(VIC) NEWCASTLE	S		HIST.SURV.	5658-0128-0000	06/16/97	7R	
108705	31-004808	502 2ND ST		(VIC) NEWCASTLE	P	1930	HIST.SURV.	5658-0035-0000	06/16/97	7R	
108706	31-004809	505 2ND ST		(VIC) NEWCASTLE	P	1930	HIST.SURV.	5658-0036-0000	06/16/97	7R	
108707	31-004810	510 2ND ST		(VIC) NEWCASTLE	P	1931	HIST.SURV.	5658-0037-0000	06/16/97	7R	
108717	31-004812	300 3RD ST		(VIC) NEWCASTLE	P	1930	HIST.SURV.	5658-0039-0000	06/16/97	7R	
108719	31-004814	311 B ST		(VIC) NEWCASTLE	P	1905	HIST.SURV.	5658-0041-0000	06/16/97	7R	
088738	31-004780	1095 BALD HILL RD	JAMISON PROPERTY / SPRING SITE & F	(VIC) NEWCASTLE	P	1874	HIST.SURV.	5658-0003-0000	03/22/94	7R	
088743	31-004781	1095 BALD HILL RD	JAMISON PROPERTY / 'LITTLE EDEN' H	(VIC) NEWCASTLE	P	1856	HIST.SURV.	5658-0004-0000	03/22/94	7R	
088746	31-004782	BOOT HILL LANE	OPHIR COMMUNITY CEMETERY	(VIC) NEWCASTLE	C	1850	HIST.SURV.	5658-0005-0000	03/22/94	7R	
109027	31-004903	2290 BRENNANS RD		(VIC) NEWCASTLE	P	1905	HIST.SURV.	5658-0130-0000	06/16/97	7R	
108720	31-004815	121 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1907	HIST.SURV.	5658-0042-0000	06/16/97	7R	
108721	31-004816	160 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1908	HIST.SURV.	5658-0043-0000	06/16/97	7R	
108722	31-004817	191 BUENA VISTA AVE	W.J. WILSON HOUSE	(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0044-0000	06/16/97	7R	
108723	31-004818	220 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0045-0000	06/16/97	7R	
108724	31-004819	280 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1923	HIST.SURV.	5658-0046-0000	06/16/97	7R	
108726	31-004821	390 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1888	HIST.SURV.	5658-0048-0000	06/16/97	7R	
108727	31-004822	400 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1887	HIST.SURV.	5658-0049-0000	06/16/97	7R	
108728	31-004823	411 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0050-0000	06/16/97	7R	
108729	31-004824	421 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0051-0000	06/16/97	7R	
108730	31-004825	440 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0052-0000	06/16/97	7R	
108732	31-004827	460 BUENA VISTA AVE		(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0054-0000	06/16/97	7R	
108733	31-004828	9560 CHANTRY HILL RD		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0055-0000	06/16/97	7R	
108734	31-004829	9570 CHANTRY HILL RD		(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0056-0000	06/16/97	7R	
088749	31-004783	7600 CHILLI HILL RD	WRENN RANCH / DOC SANTINI RANCH	(VIC) NEWCASTLE	P		HIST.SURV.	5658-0006-0000	03/22/94	7R	
088750	31-004784	1700 COUNTRY HILL RUN	MINING REMAINS / RESIDENCE OF PATR	(VIC) NEWCASTLE	P		HIST.SURV.	5658-0007-0000	03/22/94	7R	
088752	31-004785	2079 COUNTRY HILL RUN	OLD SCHINDLER RANCH - DUMPING AREA	(VIC) NEWCASTLE	P		HIST.SURV.	5658-0008-0000	03/22/94	7R	
108825	31-004895	FAIRVIEW LANE		(VIC) NEWCASTLE	P	1900	HIST.SURV.	5658-0122-0000	06/16/97	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	ONP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
109295	31-004904	2043 FAIRVIEW LANE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0131-0000	06/16/97	7R	
088753	31-004786	4780 FRUITVALE RD	OLD PETERSON RANCH/CLOVERTOP RANCH	(VIC) NEWCASTLE	P		HIST.SURV.	5658-0009-0000	03/22/94	7R	
088754	31-004797	500 GERALDSON RD	GERALDSON HOUSE	(VIC) NEWCASTLE	P	1874	HIST.SURV.	5658-0010-0000	03/22/94	7R	
088755	31-004798	645 GERALDSON RD	VARGAS HOME / MARK & SHARON MANSFI	(VIC) NEWCASTLE	P	1894	HIST.SURV.	5658-0011-0000	03/22/94	7R	
109386	31-004905	1430 GOULART RANCH RD		(VIC) NEWCASTLE	P	1860	HIST.SURV.	5658-0132-0000	06/16/97	7R	
108738	31-004833	9022 HOWELL LANE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0060-0000	06/16/97	7R	
108739	31-004834	9032 HOWELL LANE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0061-0000	06/16/97	7R	
108740	31-004835	9042 HOWELL LANE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0062-0000	06/16/97	7R	
108745	31-004840	580 KELLOGG ST		(VIC) NEWCASTLE	P	1878	HIST.SURV.	5658-0067-0000	06/16/97	7R	
108746	31-004841	590 KELLOGG ST		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0068-0000	06/16/97	7R	
108747	31-004842	700 KELLOGG ST		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0069-0000	06/16/97	7R	
108749	31-004843	8965 LANGS HILL RD		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0070-0000	06/16/97	7R	
108750	31-004844	8973 LANGS HILL RD		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0071-0000	06/16/97	7R	
088757	31-004789	9200 LINCOLN NEWCASTLE SR	HOUSE OF YESTERYEAR	(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0012-0000	03/22/94	7R	
108752	31-004846	8360 LINCOLN-NEWCASTLE HWY		(VIC) NEWCASTLE	P	1935	HIST.SURV.	5658-0073-0000	06/16/97	7R	
108753	31-004847	9111 LINCOLN-NEWCASTLE HWY		(VIC) NEWCASTLE	P	1905	HIST.SURV.	5658-0074-0000	06/16/97	7R	
088761	31-004790	641 LOZANOS RD	HATHAWAY MINE / LAPP PROPERTY	(VIC) NEWCASTLE	P		HIST.SURV.	5658-0013-0000	03/22/94	7R	
108754	31-004848	420 MAIN ST		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0075-0000	06/16/97	7R	
108756	31-004849	430 MAIN ST		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0076-0000	06/16/97	7R	
108757	31-004850	440 MAIN ST		(VIC) NEWCASTLE	P	1909	HIST.SURV.	5658-0077-0000	06/16/97	7R	
108768	31-004855	462 MAIN ST		(VIC) NEWCASTLE	P	1925	HIST.SURV.	5658-0082-0000	06/16/97	7R	
108774	31-004858	482 MAIN ST		(VIC) NEWCASTLE	P	1900	HIST.SURV.	5658-0085-0000	06/16/97	7R	
088763	31-004791	3105 NEWCASTLE RD	GREEN HILL RANCH	(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0014-0000	03/22/94	7R	
088764	31-004792	3195 NEWCASTLE RD	OLD SHERMAN HOUSE / BRIGGS' HOME	(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0015-0000	03/22/94	7R	
108781	31-004863	OLD STATE SR		(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0090-0000	06/16/97	7R	
088765	31-004793	OLD STATE SR	OLD STATE HIGHWAY TUNNEL	(VIC) NEWCASTLE	C	1911	HIST.SURV.	5658-0016-0000	03/22/94	7R	
108784	31-004865	9075 OLD STATE SR		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0092-0000	06/16/97	7R	
108785	31-004866	9087 OLD STATE SR		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0093-0000	06/16/97	7R	
108787	31-004867	9149 OLD STATE SR		(VIC) NEWCASTLE	P	1911	HIST.SURV.	5658-0094-0000	06/16/97	7R	
108788	31-004868	9150 OLD STATE SR		(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0095-0000	06/16/97	7R	
108789	31-004869	9190 OLD STATE SR		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0096-0000	06/16/97	7R	
108790	31-004870	9200 OLD STATE SR		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0097-0000	06/16/97	7R	
108791	31-004871	9220 OLD STATE SR		(VIC) NEWCASTLE	P	1901	HIST.SURV.	5658-0098-0000	06/16/97	7R	
108793	31-004873	9250 OLD STATE SR		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0100-0000	06/16/97	7R	
088767	31-003162	10240 OPHIR RD	ADAMS RANCH / GREER HOUSE	(VIC) NEWCASTLE	P	1894	HIST.SURV.	5658-0017-0000	03/22/94	7R	
108795	31-004875	545 ORANGE ST		(VIC) NEWCASTLE	P	1898	HIST.SURV.	5658-0102-0000	06/16/97	7R	
108797	31-004877	9031 PAGE ST		(VIC) NEWCASTLE	P	1900	HIST.SURV.	5658-0104-0000	06/16/97	7R	
108798	31-004878	9061 PAGE ST		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0105-0000	06/16/97	7R	
108799	31-004879	9400 PARK AVE		(VIC) NEWCASTLE	P	1890	HIST.SURV.	5658-0106-0000	06/16/97	7R	
108800	31-004880	9414 PARK AVE		(VIC) NEWCASTLE	P	1914	HIST.SURV.	5658-0107-0000	06/16/97	7R	
108801	31-004881	9436 PARK AVE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0108-0000	06/16/97	7R	
108802	31-004882	9438 PARK AVE		(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0109-0000	06/16/97	7R	
108803	31-004883	9468 PARK AVE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0110-0000	06/16/97	7R	
109538	31-004906	2355 PERSIMMON LANE		(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0133-0000	06/16/97	7R	
108804	31-004884	9149 PLUM LANE		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0111-0000	06/16/97	7R	
108805	31-004885	9161 PLUM LANE		(VIC) NEWCASTLE	P	1910	HIST.SURV.	5658-0112-0000	06/16/97	7R	
088768	31-004794	RATTLESNAKE BAR RD	LONG VALLEY SCHOOL / LONG VALLEY G	(VIC) NEWCASTLE	P	1888	HIST.SURV.	5658-0018-0000	03/22/94	7R	
088772	31-004795	2001 RATTLESNAKE BAR RD	SCOTT'S CORNER STORE	(VIC) NEWCASTLE	P	1880	HIST.SURV.	5658-0019-0000	03/22/94	7R	
109577	31-004907	2720 RATTLESNAKE BAR RD		(VIC) NEWCASTLE	P	1900	HIST.SURV.	5658-0134-0000	06/16/97	7R	
088774	31-004796	3230 RATTLESNAKE BAR RD	MASUDA HOME	(VIC) NEWCASTLE	P	1866	HIST.SURV.	5658-0020-0000	03/22/94	7R	
088775	31-004797	6680 SCHINDLER RD	SCHINDLER RANCH / OWENS HOME	(VIC) NEWCASTLE	P	1850	HIST.SURV.	5658-0021-0000	03/22/94	7R	
088776	31-004798	6725 SCHINDLER RD	OLD SCHINDLER RANCH AND YELLOW HAM	(VIC) NEWCASTLE	P		HIST.SURV.	5658-0022-0000	03/22/94	7R	
109598	31-004911	10180 SCOTT RD		(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0138-0000	06/16/97	7R	
088777	31-004799	TAYLOR RD	NEW CASTLE, ROCKLIN AND GOLD HILL C	(VIC) NEWCASTLE	U	1859	HIST.SURV.	5658-0023-0000	03/22/94	7R	
088794		TAYLOR RD	OLD US ROUTE 40 TUNNEL / TAYLOR RO	(VIC) NEWCASTLE	C	1931	HIST.SURV.	5658-0024-0000	03/22/94	7R	
088795	31-004800	300 TAYLOR RD	PERRY HOME	(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0113-0000	06/16/97	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
	31-004886						HIST.SURV.	5658-0025-0000	03/22/94	7R	
109806	31-004887	320 TAYLOR RD		(VIC) NEWCASTLE	P	1925	HIST.SURV.	5658-0114-0000	06/16/97	7R	
088796	31-004801	565 TAYLOR RD	CHEVRON-TEXACO STATION / R&R REPAI	(VIC) NEWCASTLE	P	1932	HIST.SURV.	5658-0026-0000	03/22/94	7R	
046404		690 TAYLOR RD	NEWCASTLE PORTUGUESE HALL, PORTUGU	(VIC) NEWCASTLE	P	1917	HIST.SURV.	5658-0027-0000	01/01/90	1S	
							HIST.RES.	NPS-82002225-0000	03/25/82	1S	
							HIST.RES.	SPMI-FLA-012	12/21/81	7L	
088797	31-004802	950 TAYLOR RD	VEGA RANCH	(VIC) NEWCASTLE	P	1920	HIST.SURV.	5658-0028-0000	03/22/94	7R	
088798	31-004803	1133 TAYLOR RD	OLD GASOLINE SERVICE STATION	(VIC) NEWCASTLE	P	1930	HIST.SURV.	5658-0029-0000	03/22/94	7R	
109629	31-004912	1144 TAYLOR RD		(VIC) NEWCASTLE	P	1935	HIST.SURV.	5658-0139-0000	06/16/97	7R	
109630	31-004913	1185 TAYLOR RD		(VIC) NEWCASTLE	P	1930	HIST.SURV.	5658-0140-0000	06/16/97	7R	
088799	31-004804	1250 TAYLOR RD	TAYLOR REAL ESTATE & CONSTRUCTION	(VIC) NEWCASTLE	P	1930	HIST.SURV.	5658-0030-0000	03/22/94	7R	
108808	31-004889	410 THRELKEL ST		(VIC) NEWCASTLE	P	1900	HIST.SURV.	5658-0116-0000	06/16/97	7R	
108809	31-004890	441 THRELKEL ST		(VIC) NEWCASTLE	P	1900	HIST.SURV.	5658-0117-0000	06/16/97	7R	
108810	31-004891	450 THRELKEL ST		(VIC) NEWCASTLE	F	1896	HIST.SURV.	5658-0118-0000	06/16/97	7R	
108811	31-004892	451 THRELKEL ST		(VIC) NEWCASTLE	F	1900	HIST.SURV.	5658-0119-0000	06/16/97	7R	
108812	31-004893	473 THRELKEL ST		(VIC) NEWCASTLE	F	1890	HIST.SURV.	5658-0120-0000	06/16/97	7R	
108813	31-004894	480 THRELKEL ST		(VIC) NEWCASTLE	P	1900	HIST.SURV.	5658-0121-0000	06/16/97	7R	
008800	31-003757	VIRGINIATOWN RD	VIRGINIA; VIRGINIATOWN SITE	(VIC) NEWCASTLE	P	1851	HIST.SURV.	5658-0031-0000	03/22/94	7R	
							HIST.RES.	SHL-0400-0000	04/14/88	7L	
090668		SQUAW VALLEY RD	PIONEER SKI AREA OF AMERICA, SQUAW	OLYMPIC VALLEY	P		HIST.RES.	SHL-0724-0000	01/18/60	7L	
108914	31-004602	2601 ALABAMA MINE RD	ALABAMA MINE	PENRYN	P	1935	HIST.SURV.	5663-0014-9999	06/16/97	7R	
109035	31-004606	6445 BUTLER CR		PENRYN	P	1890	HIST.SURV.	5663-0018-0000	06/16/97	7R	
109050	31-004613	7203 CHURCH ST		PENRYN	P	1915	HIST.SURV.	5663-0025-0000	06/16/97	7R	
108896	31-004601	CLARK TUNNEL RD	CLARK RUNNEL ROAD PALMS	PENRYN	U		HIST.SURV.	5663-0013-0000	06/16/97	7R	
109283	31-004623	6950 ENGLISH COLONY WY		PENRYN	U		HIST.SURV.	5663-0035-0000	06/16/97	7R	
109284	31-004624	7025 ENGLISH COLONY WY		PENRYN	P	1900	HIST.SURV.	5663-0036-0000	06/16/97	7R	
109285	31-004625	7045 ENGLISH COLONY WY		PENRYN	P	1900	HIST.SURV.	5663-0037-0000	06/16/97	7R	
109287	31-004626	7120 ENGLISH COLONY WY		PENRYN	P	1900	HIST.SURV.	5663-0038-0000	06/16/97	7R	
109289	31-004628	7130 ENGLISH COLONY WY		PENRYN	P	1900	HIST.SURV.	5663-0040-0000	06/16/97	7R	
109290	31-004629	7135 ENGLISH COLONY WY		PENRYN	P	1900	HIST.SURV.	5663-0041-0000	06/16/97	7R	
109291	31-004630	7222 ENGLISH COLONY WY		PENRYN	P	1930	HIST.SURV.	5663-0042-0000	06/16/97	7R	
109297	31-004632	7089 FLINT WY		PENRYN	P	1900	HIST.SURV.	5663-0044-0000	06/16/97	7R	
109445	31-004634	1305 ITOW CT		PENRYN	P	1890	HIST.SURV.	5663-0046-0000	06/16/97	7R	
109458	31-004636	7088 KAYO DR		PENRYN	P	1898	HIST.SURV.	5663-0048-0000	06/16/97	7R	
109594	31-004641	9480 ROCK SPRINGS RD		PENRYN	P	1910	HIST.SURV.	5663-0053-0000	06/16/97	7R	
109596	31-004642	5025 ROSERT RD		PENRYN	P	1890	HIST.SURV.	5663-0054-0000	06/16/97	7R	
109616	31-004645	1511 SISLEY RD		PENRYN	P	1900	HIST.SURV.	5663-0057-9999	06/16/97	7R	
109617	31-004646	1600 SISLEY RD		PENRYN	P	1890	HIST.SURV.	5663-0058-0000	06/16/97	7R	
109618	31-004647	1865 SISLEY RD		PENRYN	P	1890	HIST.SURV.	5663-0059-0000	06/16/97	7R	
046407	31-003707	TAYLOR RD	GRIFFITH QUARRY	PENRYN	P	1864	HIST.RES.	NPS-77000322-0000	10/20/77	1S	
							HIST.SURV.	5663-0002-0000	01/01/75	1S	
							HIST.RES.	SHL-0885-0000	05/09/75	1CL	
108878	31-004599			(VIC) PENRYN	P	1925	HIST.SURV.	5663-0011-0000	06/16/97	7R	
088802	31-004558		PALM TREES	(VIC) PENRYN	C	1888	HIST.SURV.	5663-0003-0001	03/22/94	7R	
108916	31-004603	7034 ALLEN LANE		(VIC) PENRYN	P	1930	HIST.SURV.	5663-0015-0000	06/16/97	7R	
109025	31-004604	2250 BRENNANS RD		(VIC) PENRYN	P	1870	HIST.SURV.	5663-0016-0000	06/16/97	7R	
109034	31-004605	6383 BUTLER CR		(VIC) PENRYN	P	1900	HIST.SURV.	5663-0017-0000	06/16/97	7R	
109036	31-004607	6455 BUTLER CR		(VIC) PENRYN	P	1925	HIST.SURV.	5663-0019-0000	06/16/97	7R	
109038	31-004608	6699 BUTLER CR		(VIC) PENRYN	P	1880	HIST.SURV.	5663-0020-0000	06/16/97	7R	
108819	31-004595	CALLISON RD		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0007-9999	06/16/97	7R	
088804	31-004560	7052 CALLISON RD	CALLISON RANCH	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0003	03/22/94	7R	
109040	31-004609	7030 CALLISON RD		(VIC) PENRYN	P	1900	HIST.SURV.	5663-0021-0000	06/16/97	7R	
109042		7052 CALLISON RD		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0022-0000	06/16/97	7R	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
109043	31-004611	7397 CALLISON RD		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0023-0000	06/16/97	7R	
109045	31-004612	925 CARDOSA LANE		(VIC) PENRYN	P	1910	HIST.SURV.	5663-0024-0000	06/16/97	7R	
088805	31-004561	7200 CHURCH ST	FISHER'S STORE	(VIC) PENRYN	P	1880	HIST.SURV.	5663-0003-0004	03/22/94	7R	
088807	31-004562	7217 CHURCH ST	HALL HOME	(VIC) PENRYN	P	1890	HIST.SURV.	5663-0026-0000	06/16/97	7R	
	31-004614							5663-0003-0005	03/22/94	7R	
109053	31-004615	1215 CLARK TUNNEL RD		(VIC) PENRYN	P	1910	HIST.SURV.	5663-0027-0000	06/16/97	7R	
109055	31-004616	1710 CLARK TUNNEL RD		(VIC) PENRYN	P		HIST.SURV.	5663-0028-0000	06/16/97	7R	
109058	31-004617	6268 COLWELL RD		(VIC) PENRYN	P	1927	HIST.SURV.	5663-0029-9999	06/16/97	7R	
109067	31-004618	6870 COUEY LANE		(VIC) PENRYN	P	1915	HIST.SURV.	5663-0030-0000	06/16/97	7R	
109092	31-004619	2380 DEL MAR AVE	CITRUS COLONY CLUB HOUSE	(VIC) PENRYN	P	1865	HIST.SURV.	5663-0031-0000	06/16/97	7R	
109268	31-004620	2850 DEL MAR AVE	FRANCISCO SILVA HOUSE	(VIC) PENRYN	P	1910	HIST.SURV.	5663-0032-0000	06/16/97	7R	
109269	31-004621	3341 DEL MAR AVE		(VIC) PENRYN	P	1910	HIST.SURV.	5663-0033-0000	06/16/97	7R	
088803	31-004559	ENGLISH COLONY WY	PENRYN MASONIC TEMPLE	(VIC) PENRYN	P	1878	HIST.SURV.	5663-0003-0002	03/22/94	7R	
088801	31-004591	ENGLISH COLONY WY	PENRYN	(VIC) PENRYN	P		HIST.SURV.	5663-0003-9999	03/22/94	7R	
109282	31-004622	5446 ENGLISH COLONY WY		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0034-0000	06/16/97	7R	
088808	31-004563	7085 ENGLISH COLONY WY	PENRYN BAPTIST CHURCH / GILLEY HOM	(VIC) PENRYN	P	1902	HIST.SURV.	5663-0003-0006	03/22/94	7R	
088809	31-004564	7105 ENGLISH COLONY WY	PENRYN BAPTIST CHURCH PARSONAGE	(VIC) PENRYN	P	1906	HIST.SURV.	5663-0003-0007	03/22/94	7R	
088810	31-004565	7115 ENGLISH COLONY WY	BLAU HOUSE	(VIC) PENRYN	P	1890	HIST.SURV.	5663-0003-0008	03/22/94	7R	
109280	31-004627	7129 ENGLISH COLONY WY		(VIC) PENRYN	P	1925	HIST.SURV.	5663-0039-0000	06/16/97	7R	
109292	31-004631	7270 ENGLISH COLONY WY		(VIC) PENRYN	P	1900	HIST.SURV.	5663-0043-0000	06/16/97	7R	
046406	31-003706	7325 ENGLISH COLONY WY	GRIFFITH HOUSE/RESIDENCE	(VIC) PENRYN	P	1867	HIST.SURV.	5663-0003-0009	03/22/94	7R	
							HIST.RES.	NPS-78000733-0000	12/19/76	1S	
							HIST.SURV.	5663-0001-0000	01/01/78	1S	
							HIST.RES.	SPHI-PLA-011	12/01/77	7L	
088811	31-004566	7330 ENGLISH COLONY WY	PENRYN SCHOOL / THIRD SCHOOL SITE	(VIC) PENRYN	P	1905	HIST.SURV.	5663-0003-0010	03/22/94	7R	
088812	31-004567	7365 ENGLISH COLONY WY	PARKER-HEALEY HOUSE	(VIC) PENRYN	P	1895	HIST.SURV.	5663-0003-0011	03/22/94	7R	
088813	31-004568	7096 FLINT WY	OLD PENRYN SCHOOL	(VIC) PENRYN	P	1875	HIST.SURV.	5663-0003-0012	03/22/94	7R	
088814	31-004569	7135 FLINT WY	ELMER CROFTS HOME	(VIC) PENRYN	P	1915	HIST.SURV.	5663-0003-0013	03/22/94	7R	
088815	31-004570	7145 FLINT WY	OLD PENRYN POST OFFICE	(VIC) PENRYN	P	1915	HIST.SURV.	5663-0003-0014	03/22/94	7R	
108827	31-004596	GRIFFITH LANE		(VIC) PENRYN	P	1930	HIST.SURV.	5663-0008-0000	06/16/97	7R	
108876	31-004598	GRIFFITH LANE		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0010-0000	06/16/97	7R	
108879	31-004600	GRIFFITH LANE		(VIC) PENRYN	P	1925	HIST.SURV.	5663-0012-0000	06/16/97	7R	
109391	31-004633	2189 GRIFFITH LANE		(VIC) PENRYN	P	1915	HIST.SURV.	5663-0045-0000	06/16/97	7R	
088816	31-004571	2198 GRIFFITH LANE	ELLISON HOME	(VIC) PENRYN	P	1925	HIST.SURV.	5663-0003-0015	03/22/94	7K	
109457	31-004635	7081 KAYO DR		(VIC) PENRYN	P	1900	HIST.SURV.	5663-0047-0000	06/16/97	7R	
109459	31-004637	7134 KAYO DR		(VIC) PENRYN	P	1930	HIST.SURV.	5663-0049-0000	06/16/97	7R	
088819	31-004573	KAYO ST	BLOXHAM HOME	(VIC) PENRYN	P	1890	HIST.SURV.	5663-0003-0017	03/22/94	7R	
088818	31-004572	KAYO ST	KAYO HOUSE / LA FRAMO HOUSE	(VIC) PENRYN	P		HIST.SURV.	5663-0003-0016	03/21/94	7R	
088820	31-004574	PENRYN RD	CHINA TOWN	(VIC) PENRYN	P	1905	HIST.SURV.	5663-0003-0018	03/22/94	7R	
088821	31-004575	2225 PENRYN RD	JAPANESE AMERICAN CITIZENS LEAGUE	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0019	03/22/94	7R	
088822	31-004576	2231 PENRYN RD	PENRYN FISH MARKET / GOTO'S MARKET	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0020	03/22/94	7R	
088823	31-004577	2239 PENRYN RD	DAIRIKI GROCERY	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0021	03/22/94	7R	
088824	31-004578	2243 PENRYN RD	PASTIME CLUB / K AND M GARAGE	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0022	03/22/94	7R	
088825	31-004579	2249 PENRYN RD	YAMUDA GROCERY / VICTORY MARKET ST	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0023	03/22/94	7R	
088826	31-004580	2252 PENRYN RD	PENRYN BUDDHIST CHURCH / FOUR SQUA	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0024	03/22/94	7R	
088827	31-004581	2253 PENRYN RD	MIKAWA FISH MARKET	(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0025	03/22/94	7R	
088828	31-004582	2255 PENRYN RD		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0026	03/22/94	7R	
088829	31-004583	7197 QUARRY LANE	FISHER'S HOME	(VIC) PENRYN	P	1870	HIST.SURV.	5663-0003-0027	03/22/94	7R	
088830	31-004584	7255 QUARRY LANE	CARPENTER HOUSE	(VIC) PENRYN	P	1860	HIST.SURV.	5663-0003-0028	03/22/94	7R	
109571	31-004638	7259 QUARRY LANE		(VIC) PENRYN	P	1928	HIST.SURV.	5663-0050-0000	06/16/97	7R	
088831	31-004585	7275 QUARRY LANE		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0003-0029	03/22/94	7R	
109572	31-004639	9265 QUARRY LANE		(VIC) PENRYN	P	1930	HIST.SURV.	5663-0051-0000	06/16/97	7R	
088832	31-004586	2361 RIPPEY RD	THE PINES - BUTTLER MANSION / STAN	(VIC) PENRYN	P	1890	HIST.SURV.	5663-0003-0030	03/22/94	7R	
088837	31-004592	ROCK SPRINGS RD	STEWARTS FLAT	(VIC) PENRYN	P	1854	HIST.SURV.	5663-0004-0000	03/22/94	7R	
088833	31-004587	7500 ROCK SPRINGS RD	PENRYN GRANITE WORKS / GRIFFITH QU	(VIC) PENRYN	C	1877	HIST.SURV.	5663-0003-0031	03/22/94	7R	
088838	31-004593	8195 ROCK SPRINGS RD	BLACK GRANITE QUARRY	(VIC) PENRYN	P	1860	HIST.SURV.	5663-0005-0000	03/22/94	7R	

OFFICE OF HIS PROPERTY-NUMBER	IC PRESERVATION PRIMARY-#	STREET ADDRESS	Directory of Properties in the Historic F... NAMES	Data File for PLACER County. CITY NAME	OWN	YR-C	Page 34 OHP-PROG..	04-05-12 PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
109593	31-004640	8732 ROCK SPRINGS RD		(VIC) PENRYN	P	1900	HIST.SURV.	5663-0052-0000	06/16/97	7R	
108840	31-004597	SISLEY RD		(VIC) PENRYN	C		HIST.SURV.	5663-0009-0000	06/16/97	7R	
088840	31-004594	1203 SISLEY RD	SICILY RANCH AND MINE	(VIC) PENRYN	P	1887	HIST.SURV.	5663-0006-0000	03/22/94	7R	
109614	31-004643	1223 SISLEY RD		(VIC) PENRYN	P	1936	HIST.SURV.	5663-0055-9999	06/16/97	7R	
109615	31-004644	1366 SISLEY RD		(VIC) PENRYN	P	1900	HIST.SURV.	5663-0056-9999	06/16/97	7R	
109619	31-004648	2054 SISLEY RD		(VIC) PENRYN	P	1910	HIST.SURV.	5663-0060-0000	06/16/97	7R	
109629	31-004649	2371 SWETZER RD		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0061-0000	06/16/97	7R	
109626	31-004650	2499 SWETZER RD		(VIC) PENRYN	P	1878	HIST.SURV.	5663-0062-0000	06/16/97	7R	
088834	31-004588	2162 TAYLOR RD	VALENCIA CLUB-HILLTOP CAFE	(VIC) PENRYN	P	1938	HIST.SURV.	5663-0003-0032	03/22/94	7R	
088835	31-004589	2610 TAYLOR RD	OWEN'S HOME/'BELVEDERE'	(VIC) PENRYN	P	1870	HIST.SURV.	5663-0003-0031	03/22/94	7R	
109631	31-000999	2851 TAYLOR RD		(VIC) PENRYN	P	1920	HIST.SURV.	5663-0063-0000	06/16/97	7R	
109632	31-004651	2881 TAYLOR RD		(VIC) PENRYN	P	1925	HIST.SURV.	5663-0064-0000	06/16/97	7R	
088836	31-004590	2151 YEGO ST	PENRYN METHODIST/ EPISCOPAL CHURCH	(VIC) PENRYN	P	1890	HIST.SURV.	5663-0003-0034	03/22/94	7R	
178274			SECRET RAVINE PLACER MINE COMPLEX	ROCKLIN	P	1850	PROJ.REVW.	COE091216A	01/04/10	6Y	
174318				ROCKLIN	P	1901	PROJ.REVW.	COE081208C	12/29/09	6Y	
076854		5400 2ND ST		ROCKLIN	U	1930	PROJ.REVW.	HUD920417F	05/19/92	6Y	
150699		5140 4TH ST		ROCKLIN	P	1951	HIST.RES.	DOE-31-04-0004-0000	09/01/04	6Y	
							PROJ.REVW.	HUD040804B	09/01/04	6Y	
186587		5255 PACIFIC ST	CALIFORNIA GRANITE COMPANY CAPITOL	ROCKLIN	P	1867	NAT.REG.	31-0052	12/02/11	7J	
089408		ROCKLIN RD	FIRST TRANSCONTINENTAL RAILROAD -	ROCKLIN	U	1863	HIST.RES.	SHL-0780-2-0000	11/20/62	1CL	
046507	31-004238	3980 ROCKLIN RD	CALIFORNIA GRANITE COMPANY STORE.	ROCKLIN	M	1912	PROJ.REVW.	HUD100811A	09/13/10	6Y	
							HIST.SURV.	5677-0001-0000		7R	
046508	31-004239	4090 ROCKLIN RD	FINNISH TEMPERANCE HALL, FINN HALL	ROCKLIN	M	1904	ST.FND.PRG	619-0-HP-88-31-006	12/20/88	3	
							ST.FND.PRG	619-0-84-HP-31-009	10/01/86	3	
							HIST.RES.	SPHI-PLA-016	08/20/85	7L	
							HIST.SURV.	5677-0002-0000		3S	
173687			FOLSOM LAKE DIKE 4	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173689			FOLSOM LAKE DIKE 5	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173685			FOLSOM LAKE DIKE 2	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173692			MORMON ISLAND AUXILIARY DAM	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173688			FOLSOM LAKE DIKE 5	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173686			FOLSOM LAKE DIKE 3	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173691			FOLSOM LAKE DIKE 8	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173684			FOLSOM LAKE DIKE 1	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
173690			FOLSOM LAKE DIKE 7	(VIC) ROCKLIN	F	1948	PROJ.REVW.	BUR061114A	11/02/07	2S2	
166391			NORTH EAST TANK PROJECT/ MINE TAIL	ROSEVILLE	M	1914	HIST.RES.	DOE-31-04-0008-0003	10/14/04	6Y	
							PROJ.REVW.	EPA040729A	10/14/04	6Y	
166390			NORTH EAST ROSEVILLE TANK PROJECT/	ROSEVILLE	M	1914	HIST.RES.	DOE-31-04-0008-0002	10/14/04	6Y	
							PROJ.REVW.	EPA040729A	10/14/04	6Y	
132711			MINERS RAVINE BRIDGE	ROSEVILLE		1954	HIST.RES.	DOE-31-02-0003-0000	04/17/02	6Y	
							PROJ.REVW.	FWMA020306A	04/17/02	6Y	
166392			NORTH EAST ROSEVILLE TANK PROJECT/	ROSEVILLE	M	1914	HIST.RES.	DOE-31-04-0008-0004	10/14/04	6Y	
							PROJ.REVW.	EPA040729A	10/14/04	6Y	
166352			NE ROSEVILLE TANK PROJECT	ROSEVILLE	M	1914	PROJ.REVW.	EPA040729A	10/14/04	6Y	
							HIST.RES.	DOE-31-04-0008-9999	10/14/04	6Y	
166373			NORTH EAST ROSEVILLE TANK PROJECT/	ROSEVILLE	M	1914	HIST.RES.	DOE-31-04-0008-0001	10/14/04	6Y	
							PROJ.REVW.	EPA040729A	10/14/04	6Y	
132710			LINDA CREEK BRIDGE	ROSEVILLE		1955	HIST.RES.	DOE-31-02-0002-0000	04/17/02	6Y	
							PROJ.REVW.	FWMA020306A	04/17/02	6Y	
124623			PROPOSED MOURIER 160 PROJ, RES DEV	ROSEVILLE	M		PROJ.REVW.	COE000313G	04/05/00	6Y	
072726		0		ROSEVILLE	U	1928	PROJ.REVW.	HUD910620L	07/22/91	6Y	
072725		0		ROSEVILLE	U	1912	PROJ.REVW.	HUD910620M	07/22/91	6Y	

PROPERTY-NUMBER	PRIMARY-N	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	ORP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
165280		109 2ND ST		ROSEVILLE	P	1953	PROJ.REVW.	FHWA060914E	09/27/07	6Y	
104111		302 302 ST		ROSEVILLE	P	1979	PROJ.REVW.	HUD110729F	08/04/11	6Y	
101448		120 6TH ST		ROSEVILLE	P	1944	PROJ.REVW.	HUD960301I	04/01/96	6Y	
180285		403 6TH ST		ROSEVILLE	P		PROJ.REVW.	HUD101109J	11/17/10	6Y	
101449		512 ALOLA ST		ROSEVILLE	P	1914	PROJ.REVW.	HUD960301J	04/01/96	6Y	
072773		306 ALTA AVE		ROSEVILLE	U	1912	PROJ.REVW.	HUD910703Q	07/31/91	6Y	
172778		308 ALTA AVE		ROSEVILLE	P		PROJ.REVW.	HUD080825P	08/29/08	6Y	
136799		141 ASH ST		ROSEVILLE	P	1936	HIST.RES.	DOE-31-03-0007-0000	01/15/03	6Y	
							PROJ.REVW.	HUD030113Q	01/15/03	6Y	
140759		ATKINSON ST	ATKINSON STREET BRIDGE, BRIDGE #19	ROSEVILLE	M	1955	HIST.RES.	DOE-31-01-0012-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140765		ATKINSON ST	WINDMILL	ROSEVILLE	P		HIST.RES.	DOE-31-01-0018-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140770		ATKINSON ST	GARAGE 2	ROSEVILLE	P		HIST.RES.	DOE-31-01-0023-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140766		ATKINSON ST	GARAGE 1	ROSEVILLE	P		HIST.RES.	DOE-31-01-0019-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140769		ATKINSON ST	COTTAGE 1	ROSEVILLE	P		HIST.RES.	DOE-31-01-0022-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140762		9240 ATKINSON ST		ROSEVILLE	P	1946	HIST.RES.	DOE-31-01-0015-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140763		9260 ATKINSON ST		ROSEVILLE	P	1928	HIST.RES.	DOE-31-01-0016-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140768		9352 ATKINSON ST	COTTAGE 2	ROSEVILLE	P		HIST.RES.	DOE-31-01-0021-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140767		9356 ATKINSON ST	COTTAGE 1	ROSEVILLE	P		HIST.RES.	DOE-31-01-0020-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140764		9360 ATKINSON ST	MAIN HOUSE	ROSEVILLE	P	1928	HIST.RES.	DOE-31-01-0017-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140771		9450 ATKINSON ST	JACOB PFOSI HOUSE	ROSEVILLE	P	1908	HIST.RES.	DOE-31-02-0021-0000	07/01/02	6Y	
							PROJ.REVW.	FHWA020424A	07/01/02	6Y	
182814		1612 ATKWELL ST		ROSEVILLE	P	1996	PROJ.REVW.	HUD110505D	05/09/11	6Y	
162826		105 B ST		ROSEVILLE	P		PROJ.REVW.	HUD060808E	08/10/06	6Y	
101451		519 B ST		ROSEVILLE	P	1928	PROJ.REVW.	HUD960301K	04/01/96	6Y	
090443		BEALS POINT RIDING TR	PIONEER EXPRESS TRAIL	ROSEVILLE	S		HIST.RES.	SHL-0585-0000	05/22/57	7L	
165973		201 BERKELEY AVE		ROSEVILLE	P	1957	PROJ.REVW.	HUD070425G	04/24/07	6Y	
147528		320 BERKELEY AVE		ROSEVILLE	P	1920	HIST.RES.	DOE-31-04-0001-0000	06/18/04	6Y	
							PROJ.REVW.	HUD040525B	06/18/04	6Y	
150896		222 BIRCH ST		ROSEVILLE	P	1936	HIST.RES.	DOE-31-04-0005-0000	07/14/04	6Y	
							PROJ.REVW.	HUD040621I	07/14/04	6Y	
162821		301 BITNER ST		ROSEVILLE	P		PROJ.REVW.	HUD060808B	08/10/06	6Y	
099150		1675 BOOTH RD		ROSEVILLE	P	1927	PROJ.REVW.	HUD951109H	01/02/96	6Y	
099151		104 BRITTAIN ST		ROSEVILLE	P	1910	PROJ.REVW.	HUD951109I	01/02/96	6Y	
102805		315 C ST		ROSEVILLE	P	1935	PROJ.REVW.	HUD960626K	07/29/96	6Y	
150905		317 C ST		ROSEVILLE	P	1933	HIST.RES.	DOE-31-04-0006-0000	07/14/04	6Y	
							PROJ.REVW.	HUD040621J	07/14/04	6Y	
163747		406 CAMERON WY		ROSEVILLE	P	1980	PROJ.REVW.	HUD061113C	11/14/06	6Y	
162823		1512 CARDINAL WY		ROSEVILLE	P		PROJ.REVW.	HUD060808D	08/10/06	6Y	
088842	31-004512	7130 CAVITT STALLMAN RD	O'HARA HOME	ROSEVILLE	P	1905	HIST.SURV.	5678-0007-0000	03/22/94	7R	
094308		200 CEDAR ST		ROSEVILLE	P	1900	PROJ.REVW.	HUD941222A	01/26/95	6Y	
142815		228 CEDAR ST		ROSEVILLE	P		HIST.RES.	DOE-31-02-0017-0000	08/19/03	6Y	
							PROJ.REVW.	HUD030811I	08/19/03	6Y	
138167		1332 CHIGNAHUAPAN WY		ROSEVILLE	P	1986	HIST.RES.	DOE-31-03-0010-0000	03/26/03	6Y	
							PROJ.REVW.	HUD030317N	03/26/03	6Y	

OFFICE OF HIS PROPERTY-NUMBER	IC PRESERVATION PRIMARY-N	STREET ADDRESS	Directory of Properties in the Historic Property NAMES	Data File for PLACER County CITY NAME	OWN	YR-C	Page 36 OHP-PROG..	04-05-12 PRG-REFERENCE-NUMBER	STAT-DAT	HRS	CRIT
069135		121 CHURCH ST	LILY WHITE LAUNDRY	ROSEVILLE	P		MAINST. PRG	SIROSEVILLE 3			7K
138166		205 CIRCUIT DR		ROSEVILLE	P	1915	HIST. RES.	DOE-31-03-0009-0000	03/26/03		6Y
							PROJ. REVW.	HUD030317M	03/26/03		6Y
176365		206 CIRCUIT DR		ROSEVILLE	P	1920	PROJ. REVW.	HUD090707A	07/31/09		6Y
099152		209 CIRCUIT DR		ROSEVILLE	P	1940	PROJ. REVW.	HUD951109J	01/02/96		6Y
099959		363 CIRCUIT DR		ROSEVILLE	P	1925	PROJ. REVW.	HUD9512228D	01/05/96		6Y
088995		519 CIRCUIT DR		ROSEVILLE	P	1915	PROJ. REVW.	HUD940303C	04/07/94		6Y
165974		114 CLAIBORNE AVE		ROSEVILLE	P	1926	PROJ. REVW.	HUD070425H	04/27/07		6Y
172773		312 CLINTON AVE		ROSEVILLE	P		PROJ. REVW.	HUD080825M	08/29/08		6Y
099156		409 CLINTON DR		ROSEVILLE	P	1920	PROJ. REVW.	HUD951109N	01/02/96		6Y
099157		411 CLINTON DR		ROSEVILLE	P	1915	PROJ. REVW.	HUD951109O	01/02/96		6Y
136796		1012 COLNAR ST		ROSEVILLE	P	1958	HIST. RES.	DOE-31-03-0004-0000	01/15/03		6Y
							PROJ. REVW.	HUD030113L	01/15/03		6Y
186810		224 CORONADO AVE		ROSEVILLE	P	1936	PROJ. REVW.	HUD111128C	12/05/11		6Y
165975		1407 CRESTMONT AVE		ROSEVILLE	P	1962	PROJ. REVW.	HUD070425I	04/27/07		6Y
099961		220 D ST		ROSEVILLE	P	1910	PROJ. REVW.	HUD9512228D	01/05/96		6Y
144719		234 D ST		ROSEVILLE	P		HIST. RES.	DOE-31-03-0018-0000	10/16/03		6Y
							PROJ. REVW.	HUD030915I	10/16/03		6Y
072730		109 DOYLE ST		ROSEVILLE	U	1908	PROJ. REVW.	HUD910627A	07/22/91		6Y
136798		507 DUDLEY ST		ROSEVILLE	P	1956	HIST. RES.	DOE-31-03-0005-0000	01/15/03		6Y
							PROJ. REVW.	HUD030113M	01/15/03		6Y
089090		131 DURANTA ST		ROSEVILLE	P	1927	PROJ. REVW.	HUD940314B	04/12/94		6Y
136797		139 DURANTA ST		ROSEVILLE	P	1950	HIST. RES.	DOE-31-03-0006-0000	01/15/03		6Y
							PROJ. REVW.	HUD030113N	01/15/03		6Y
136794		111 E ST		ROSEVILLE	P	1943	HIST. RES.	DOE-31-03-0002-0000	01/15/03		6Y
							PROJ. REVW.	HUD030113O	01/15/03		6Y
102806		222 EARL AVE		ROSEVILLE	P	1926	PROJ. REVW.	HUD960626H	07/29/96		6Y
099154		223 EARL AVE		ROSEVILLE	P	1920	PROJ. REVW.	HUD951109M	01/02/96		6Y
							PROJ. REVW.	HUD951109I	01/02/96		6Y
084025		414 EARL ST		ROSEVILLE	P	1910	PROJ. REVW.	HUD930713M	08/31/93		6Y
126755		415 EAST ST	TAYLOR HOME RESIDENCE	ROSEVILLE	P	1957	HIST. RES.	DOE-31-00-0001-0000	10/10/00		6Y
							PROJ. REVW.	FHWA000908C	10/10/00		6Y
101445		330 EL DORADO ST		ROSEVILLE	P	1926	PROJ. REVW.	HUD940301M	04/01/96		6Y
154348		141 ELM ST		ROSEVILLE	P		PROJ. REVW.	HUD050519D	05/24/05		6Y
084024		240 ELM ST		ROSEVILLE	P	1922	PROJ. REVW.	HUD930713L	08/31/93		6Y
136793		421 ENCINAL AVE		ROSEVILLE	P	1960	HIST. RES.	DOE-31-03-0001-0000	01/15/03		6Y
							PROJ. REVW.	HUD030113P	01/15/03		6Y
165282		108 FERN ST		ROSEVILLE	P	1940	PROJ. REVW.	FHWA060914E	09/27/07		6Y
162122		5350 FIDDYMENT RD	TURKEY FARM COMPLEX	ROSEVILLE	P	1941	PROJ. REVW.	COE040521A	09/20/04		6Y
162121		5400 FIDDYMENT RD	TURKEY BROODING SHED/P-31-001227	ROSEVILLE	P	1930	PROJ. REVW.	COE040521A	09/20/04		6Y
162123		5820 FIDDYMENT RD	PUMPHOUSE/P-31-001229	ROSEVILLE	P	1949	PROJ. REVW.	COE040521A	09/20/04		6Y
187261		125 FIG ST		ROSEVILLE	P	1921	PROJ. REVW.	HUD120206E	02/10/12		6Y
							PROJ. REVW.	HUD120206E	02/10/12		6Y
184375		209 FIRESTONE DR		ROSEVILLE	P	1985	PROJ. REVW.	HUD101228A	01/07/11		6Y
100794		203 FOLSOM DR		ROSEVILLE	P	1927	PROJ. REVW.	HUD951228A	02/06/96		6Y
126756		FOLSOM RD	BRIDGE #19C-0087	ROSEVILLE	H		HIST. RES.	DOE-31-00-0002-0000	10/10/00		6Y
							PROJ. REVW.	FHWA000908C	10/10/00		6Y
150914		114 FRANKLIN ST		ROSEVILLE	P	1941	HIST. RES.	DOE-31-04-0007-0000	07/14/04		6Y
							PROJ. REVW.	HUD040621K	07/14/04		6Y
162828		1349 GREENBOROUGH DR		ROSEVILLE	P		PROJ. REVW.	HUD050808G	08/10/06		6Y
150676		319 GROVE ST		ROSEVILLE	P	1923	HIST. RES.	DOE-31-04-0003-0000	03/11/04		6Y
							PROJ. REVW.	HUD040301Q	03/11/04		6Y
164693		424 GROVE ST		ROSEVILLE	P	1943	PROJ. REVW.	HUD070108E	01/09/07		6Y
139697		618 GROVE ST		ROSEVILLE	P	1913	HIST. RES.	DOE-31-03-0011-0000	04/10/03		6Y
							PROJ. REVW.	HUD030401U	04/10/03		6Y

OFFICE OF HISTORIC PRESERVATION * * * Directory of Properties in the Historic Property Data File for PLACER County.						Page 37	04-05-12				
PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS.....	NAMES.....	CITY-NAME.....	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
155131		821 GROVE ST		ROSEVILLE	P	1947	PROJ.REVW.	HUD050727C	08/31/05	6Y	
176369		27 HANCOCK DR		ROSEVILLE	P	1979	PROJ.REVW.	HUD090707E	07/31/09	6Y	
176366		54 HANCOCK DR		ROSEVILLE	P	1999	PROJ.REVW.	HUD090707B	07/31/09	6Y	
172775		58 HANCOCK DR		ROSEVILLE	P	1988	PROJ.REVW.	HUD080825N	08/29/08	6Y	
102825		350 HEMPHILL WY		ROSEVILLE	P		PROJ.REVW.	HUD110509E	05/09/11	6Y	
099960		198 HICKORY ST		ROSEVILLE	P	1925	PROJ.REVW.	HUD951228C	01/05/96	6Y	
163364		708 HILLCREST AVE		ROSEVILLE	P	1949	PROJ.REVW.	HUD060905E	09/06/06	6Y	
154447		106 JUDAH ST	COLLECTOR'S PRIDE ANTIQUE MALL	ROSEVILLE	P	1945	PROJ.REVW.	FHWA010222A	04/02/01	6Y	
176368		129 KASEBERG DR		ROSEVILLE	P	1980	PROJ.REVW.	HUD090707D	07/31/09	6Y	
136795		201 KEEHNER AVE		ROSEVILLE	P	1955	HIST.RES.	DOE-31-03-0003-0000	01/15/03	6Y	
							PROJ.REVW.	HUD030123K	01/15/03	6Y	
142814		123 KING RD		ROSEVILLE	P		HIST.RES.	DOE-31-03-0016-0000	08/19/03	6Y	
							PROJ.REVW.	HUD030811J	08/19/03	6Y	
176367		252 KIRKWOOD DR		ROSEVILLE	P	1984	PROJ.REVW.	HUD090707C	07/31/09	6Y	
172776		293 LAFAYETTE		ROSEVILLE	P	1990	PROJ.REVW.	HUD080825O	08/29/08	6Y	
175890		222 LAFAYETTE DR		ROSEVILLE	P	1988	PROJ.REVW.	HUD090430E	05/26/09	6Y	
089407		LINCOLN ST	FIRST TRANSCONTINENTAL RAILROAD -	ROSEVILLE	U	1863	HIST.RES.	SHL-0780-1-0000	11/20/62	1CL	
084854	31-004242	557 LINCOLN ST	ROSEVILLE PUBLIC LIBRARY; ROSEVILL	ROSEVILLE	M	1912	HIST.RES.	NPS-09000199-0000	04/10/09	1S	A
							NAT.REG.	31-0035	01/27/09	3S	A
							HIST.SURV.	5678-0004-0000	11/12/89	3S	
							ST.FND.PRG	619.C-04-HP-31-003	12/28/84	3	
176370		608 LYNDBURST AVE		ROSEVILLE	P	1981	PROJ.REVW.	HUD090707F	07/31/09	6Y	
186960		327 MACARIO CT		ROSEVILLE	P		PROJ.REVW.	HUD111222C	01/04/12	6Y	
046511		MAIN ST	OLD TOWN ROSEVILLE DISTRICT	ROSEVILLE	P		HIST.SURV.	5678-0003-9999		7N	
180137	31-004519	101 MAIN ST		ROSEVILLE	P	1916	HIST.SURV.	5678-0016-0000	01/03/83	7R	
090576		308 MAIN ST		ROSEVILLE	P	1910	PROJ.REVW.	HUD940707S	08/04/94	6Y	
096319		812 MAIN ST		ROSEVILLE	P	1921	PROJ.REVW.	HUD950503F	06/21/95	6Y	
162825		700 MAPLE DR		ROSEVILLE	P		PROJ.REVW.	HUD060808C	08/10/06	6Y	
153199		605 MAYFAIR DR		ROSEVILLE			PROJ.REVW.	HUD050329C	04/19/05	6Y	
138700		2219 N CIRBY WY		ROSEVILLE	P	1971	HIST.RES.	DOE-31-03-0012-0000	04/10/03	6Y	
							PROJ.REVW.	HUD030401V	04/10/03	6Y	
102809		219 NEVADA AVE		ROSEVILLE	P	1921	PROJ.REVW.	HUD960626I	07/29/96	6Y	
126757		OAK ST	BRIDGE #19C-0010	ROSEVILLE	M	1987	HIST.RES.	DOE-31-08-0003-0000	10/10/00	6Y	
							PROJ.REVW.	FHWA000908C	10/10/00	6Y	
046509	31-003708	424 OAK ST	HAMAN HOUSE	ROSEVILLE	M	1909	HIST.RES.	NPS-76000507-0000	11/17/76	1S	
							HIST.SURV.	5678-0001-0000	01/01/76	1S	
102806		515 OAK ST		ROSEVILLE	P	1926	PROJ.REVW.	HUD960626J	07/29/96	6Y	
178513		5520 PACIFIC FRUIT EXPRESS		ROSEVILLE	P	1954	PROJ.REVW.	COR100401B	04/06/10	6Y	
101447		193 PARK DR		ROSEVILLE	P	1940	PROJ.REVW.	HUD960301M	04/01/96	6Y	
140760		1704 PFE RD		ROSEVILLE	P		HIST.RES.	DOE-31-01-0013-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
140761		1720 PFE RD		ROSEVILLE	P	1955	HIST.RES.	DOE-31-01-0014-0000	11/07/01	6Y	
							PROJ.REVW.	FHWA010928A	11/07/01	6Y	
168454		4300 PFE RD	WC2 #1	ROSEVILLE	P	1950	PROJ.REVW.	COR070802A	08/13/07	6Y	
162118	31-001223	4440 PHILLIP RD	FIDDYMENT RANCH COMPLEX/CA-PLA-970	ROSEVILLE	M	1879	HIST.RES.	NPS-10000503-0000	07/26/10	1S	ACD
							NAT.REG.	31-0036	07/20/09	3S	ACD
							PROJ.REVW.	COE040621A	09/20/04	6Y	
180492		4440 PHILLIP RD	FIDDYMENT RANCH / GARAGE	ROSEVILLE	M	1950	HIST.RES.	NPS-10000503-0005	07/26/10	1D	ACD
180484		4440 PHILLIP RD	FIDDYMENT RANCH / BRICK COOLER	ROSEVILLE	M	1879	HIST.RES.	NPS-10000503-0003	07/26/10	1D	ACD
180482		4440 PHILLIP RD	FIDDYMENT RANCH / ARCHEOLOGIC COMP	ROSEVILLE	M		HIST.RES.	NPS-10000503-0002	07/26/10	1D	ACD
180481		4440 PHILLIP RD	FIDDYMENT RANCH / RANCH HOUSE	ROSEVILLE	M	1879	HIST.RES.	NPS-10000503-0001	07/26/10	1D	ACD
180506		4440 PHILLIP RD	FIDDYMENT RANCH / MODERN WELLS	ROSEVILLE	M		HIST.RES.	NPS-10000503-0009	07/26/10	1D	ACD
162119		4440 PHILLIP RD	SHEEP SHEARING BARN	ROSEVILLE	P	1920	PROJ.REVW.	COE040621A	09/20/04	6Y	
180493		4440 PHILLIP RD	FIDDYMENT RANCH / BRICK RESERVOIR	ROSEVILLE	M	1879	HIST.RES.	NPS-10000503-0006	07/26/10	1D	ACD
180491		4440 PHILLIP RD	FIDDYMENT RANCH / BRICK SMOKEHOUSE	ROSEVILLE	M	1879	HIST.RES.	NPS-10000503-0004	07/26/10	1D	ACD

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
162120		4440 PHILLIP RD	LAMBING BARN	ROSEVILLE	P	1942	PROJ. REVW.	COE040621A	09/20/04	6Y	
180494		4440 PHILLIP RD	FIDDYMENT RANCH / WINDMILL	ROSEVILLE	M		HIST. RES.	NPS-10000503-0007	07/26/10	1D	ACD
180496		4440 PHILLIP RD	FIDDYMENT RANCH / BRICK PLANTING A	ROSEVILLE	M	1970	HIST. RES.	NPS-10000503-0008	07/26/10	1D	ACD
175989		210 PLACER ST		ROSEVILLE	P	1941	PROJ. REVW.	HUD090430D	05/26/09	6Y	
101450		600 PLEASANT ST		ROSEVILLE	P	1908	PROJ. REVW.	HUD960301L	04/01/96	6Y	
165285		227 RIVERSIDE AVE		ROSEVILLE	P	1929	PROJ. REVW.	FHWA060914E	09/27/07	6Y	
165284		411 RIVERSIDE AVE	MACY'S AUTO CENTER	ROSEVILLE	P	1950	PROJ. REVW.	FHWA060914E	09/27/07	6Y	
165283		433 RIVERSIDE AVE		ROSEVILLE	P	1950	PROJ. REVW.	FHWA060914E	09/27/07	6Y	
165281		501 RIVERSIDE AVE		ROSEVILLE	P	1953	PROJ. REVW.	FHWA060914E	09/27/07	6Y	
126758		S ATLANTIC ST	BRIDGE #19C-0185	ROSEVILLE	M	1985	HIST. RES.	DOE-31-00-0004-0000	10/10/00	6Y	
							PROJ. REVW.	FHWA000908C	10/10/00	6Y	
141625		112 S LINCOLN ST		ROSEVILLE	P	1925	HIST. RES.	DOE-31-03-0014-0000	07/02/03	6Y	
							PROJ. REVW.	HUD030617D	07/02/03	6Y	
099153		125 S LINCOLN ST		ROSEVILLE	P	1925	PROJ. REVW.	HUD951109K	01/02/96	6Y	
164691		137 S LINCOLN ST		ROSEVILLE	P		PROJ. REVW.	HUD070108C	01/09/07	6Y	
163746		170 S LINCOLN ST		ROSEVILLE	P	1935	PROJ. REVW.	HUD061113B	11/14/06	6Y	
101446		205 SIERRA BLVD		ROSEVILLE	P	1919	PROJ. REVW.	HUD960301C	04/01/96	6Y	
150675		321 SIERRA BLVD		ROSEVILLE	P	1944	HIST. RES.	DOE-31-04-0002-0000	03/11/04	6Y	
							PROJ. REVW.	HUD040301K	03/11/04	6Y	
114931		SIERRA BLVD RR	BRIDGE #19C-67 / SIERRA BRIDGE	ROSEVILLE	M	1929	HIST. RES.	DOE-31-06-0003-0000	10/19/86	252	C
							PROJ. REVW.	FHWA860919Z	10/19/86	252	C
094291		SR 65	ROCK WALL - J. R. WHITNEY RANCH	ROSEVILLE		1875	PROJ. REVW.	COE941107B	01/20/95	6Y	
132709		400 SUNRISE AVE		ROSEVILLE	P	1964	HIST. RES.	DOE-31-02-0001-0000	04/17/02	6Y	
							PROJ. REVW.	FHWA020306A	04/17/02	6Y	
141627		503 TAHOE AVE		ROSEVILLE	P	1974	HIST. RES.	DOE-31-03-0015-0000	07/02/03	6Y	
							PROJ. REVW.	HUD030617E	07/02/03	6Y	
							PROJ. REVW.	HUD060808F	08/10/06	6Y	
162824		99 TANYA WY		ROSEVILLE	P		PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154423		VERNON ST	508-512, SAFETY EQUIP, LISA'S BEAU	ROSEVILLE	P	1930	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154450		VERNON ST	SEAWELL UNDERPASS	ROSEVILLE	M	1950	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
069134		105 VERNON ST	PLACER TV VIDEO	ROSEVILLE	P		MAINST. PRG	SIROSEVILLE 2		7K	
154434		106 VERNON ST	ROSEVILLE TELEPHONE MUSEUM	ROSEVILLE	P	1935	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154435		111 VERNON ST	ALLWOOD FURNITURE	ROSEVILLE	P	1927	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154433		124 VERNON ST	ROSEVILLE EAGLES	ROSEVILLE	P	1913	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154436		201 VERNON ST	201-209, NICE TWICE, WILD BILL'S T	ROSEVILLE	P	1922	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154437		211 VERNON ST	211-217, CARROLL'S TYPEWRITER, FAM	ROSEVILLE	P	1922	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154438		219 VERNON ST	223-227, ED'S BARBER SHOP, M&M ANT	ROSEVILLE	P	1921	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154432		222 VERNON ST	THE TIN SOLDIER	ROSEVILLE	P	1924	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154431		226 VERNON ST	PAST-N-PRESENT	ROSEVILLE	P	1920	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154439		229 VERNON ST	HOME PASSAGES	ROSEVILLE	P	1922	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154430		230 VERNON ST	A TREASURE HUNT & VELVET PURSE	ROSEVILLE	P	1926	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154440		231 VERNON ST	231 & 233, RIOLO'S CLUB, OFFICE SP	ROSEVILLE	P	1926	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
069136		232 VERNON ST	TAYLOR'S RED AND WHITE	ROSEVILLE	P		MAINST. PRG	SIROSEVILLE 4		7K	
154429		238 VERNON ST	ROSEVILLE ANTIQUE MALL	ROSEVILLE	P	1929	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154428		240 VERNON ST	JAVA GARDEN	ROSEVILLE	P	1929	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154444		241 VERNON ST	241, 243, 245, ROADWAY JEWELERS, T	ROSEVILLE	P	1925	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154427		242 VERNON ST	EVA'S MEXICAN RESTAURANT, EAGLE LO	ROSEVILLE	P	1939	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154426		316 VERNON ST	ROSEVILLE CITY HALL ANNEX	ROSEVILLE	M	1935	PROJ. REVW.	FHWA010222A	04/02/01	252	A
175693		320 VERNON ST		ROSEVILLE	F	1935	PROJ. REVW.	USP071010A	02/16/09	6Y	
154425		400 VERNON ST	STATE FARM INSURANCE	ROSEVILLE	P	1949	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154424		404 VERNON ST		ROSEVILLE	P	1948	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
069133		406 VERNON ST	ROSEVILLE TROPHY	ROSEVILLE	P		MAINST. PRG	SIROSEVILLE 1		7K	
154445		419 VERNON ST	419-425, TOWER THEATER	ROSEVILLE	D	1940	PROJ. REVW.	FHWA010222A	04/02/01	252	C
154446		430 VERNON ST	430-432, JIMMY'S RESTAURANT	ROSEVILLE	P	1949	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154422		522 VERNON ST	VALUE VILLAGE	ROSEVILLE	P	1946	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154448		625 VERNON ST	OLD WORLD FURNITURE CO, J & G GUNS	ROSEVILLE	P	1946	PROJ. REVW.	FHWA010222A	04/02/01	6Y	
154421		700 VERNON ST	FARMER'S INSURANCE GROUP	ROSEVILLE	P	1915	PROJ. REVW.	FHWA010222A	04/02/01	6Y	

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154449		725 VERNON ST	VERNON STREET SCHOOL	ROSEVILLE	P	1925	PROJ.REVW.	FHWA010222A	04/02/01	2S2	C
164692		1415 VERNON ST		ROSEVILLE	P	1968	PROJ.REVW.	HUD070108D	01/09/07	6Y	
180284		1823 VISTA CREEK DR		ROSEVILLE	P	1977	PROJ.REVW.	HUD101108K	11/17/10	6Y	
181869		342 W DURANTA ST		ROSEVILLE	P	1990	PROJ.REVW.	HUD110228I	01/07/11	6Y	
084023		209 WALNUT ST		ROSEVILLE	P	1907	PROJ.REVW.	HUD930713K	08/31/93	6Y	
088903		213 WALNUT ST		ROSEVILLE	P	1926	PROJ.REVW.	HUD940225A	01/04/94	6Y	
163734		611 WINDSOR DR		ROSEVILLE	P	1953	PROJ.REVW.	HUD061108B	11/09/06	6Y	
184119		4858 WINTER HAVEN WY		ROSEVILLE	P		PROJ.REVW.	HUD110726C	08/03/11	6Y	
165976		64 YEFIM WY		ROSEVILLE	P	1978	PROJ.REVW.	HUD070425J	04/27/07	6Y	
172772		303 YOSEMITE ST		ROSEVILLE	P	1930	PROJ.REVW.	HUD080925L	08/29/08	6Y	
178485			P-57-000576	(VIC) ROSEVILLE	P	1930	PROJ.REVW.	COE080730K	04/05/10	6Y	
178512			PA-04-122	(VIC) ROSEVILLE	U	1900	PROJ.REVW.	COE100401B	04/06/10	6Y	
178511			PA-04-121	(VIC) ROSEVILLE	U	1900	PROJ.REVW.	COE100401B	04/06/10	6Y	
178486			P-57-000412 MINIMAL TRADITIONAL HO	(VIC) ROSEVILLE	P	1935	PROJ.REVW.	COE080730K	04/05/10	6Y	
088844	31-004514	BASILINE RD	ALPHA SCHOOL / REIGO SCHOOL	(VIC) ROSEVILLE	P	1880	HIST.SURV.	5678-0009-0000	03/22/94	7R	
088841	31-004511	6365 CAVITT STALLMAN RD	LINDSEY RANCH	(VIC) ROSEVILLE	P		HIST.SURV.	5678-0006-0000	03/22/94	7R	
088843	31-004513	7055 CAVITT STALLMAN RD	STALLMAN HOME	(VIC) ROSEVILLE	P	1912	HIST.SURV.	5678-0008-0000	03/22/94	7R	
178497		COUNTRY ACRES RD	P-31-003308 COUNTRY ACRES ROAD	(VIC) ROSEVILLE	C	1908	PROJ.REVW.	COE080730K	04/05/10	6Y	
109293	31-004515	6627 EUREKA RD		(VIC) ROSEVILLE	P	1890	HIST.SURV.	5678-0011-0000	06/16/97	7R	
109294	31-004516	6032 EUREKA RD		(VIC) ROSEVILLE	P	1910	HIST.SURV.	5678-0012-0000	06/16/97	7R	
140758		INDUSTRIAL AVE	PUMP AND PIPE FOR HISTORIC WELL	(VIC) ROSEVILLE	U		HIST.RES.	DOE-31-03-0013-0000	06/02/03	6Y	
							PROJ.REVW.	COE030430A	06/02/03	6Y	
109454	31-004517	8042 JOE RODGERS RD		(VIC) ROSEVILLE	P	1900	HIST.SURV.	5678-0013-0000	06/16/97	7R	
109456	31-004518	8137 JOE RODGERS RD		(VIC) ROSEVILLE	P	1909	HIST.SURV.	5678-0014-0000	06/16/97	7R	
088845	31-002861	7000 LAIRD RD		(VIC) ROSEVILLE	P	1905	HIST.SURV.	5678-0010-0000	03/22/94	7R	
046510		SR 65	ANDORA UNDERPASS, BRIDGE #19-02	(VIC) ROSEVILLE	S	1916	HIST.SURV.	5678-0002-0000		7R	
108855	31-004504		SHERIDAN CEMETERY	SHERIDAN	P	1896	HIST.SURV.	5681-0002-0000	06/16/97	7R	
182623		5929 10TH ST		SHERIDAN	P	1948	PROJ.REVW.	HUD110324A	04/04/11	6Y	
073438	31-003638	5740 13TH ST	SHERIDAN CASH STORE	SHERIDAN	P	1879	HIST.SURV.	5681-0001-0000	03/22/94	7K	
							HIST.RES.	DOE-31-91-0010-0000	10/24/91	2S2	AC
							PROJ.REVW.	FHWA910903A	10/24/91	2S2	A C
							HIST.RES.	SPHI-PLA-018	08/17/90	7L	
							ST.PT.INT.	31-0001	08/03/90	7L	
109395	31-004505	4871 H ST		SHERIDAN	P	1875	HIST.SURV.	5681-0004-0000	06/16/97	7R	
109396	31-004506	4894 H ST		SHERIDAN	P	1910	HIST.SURV.	5681-0005-0000	06/16/97	7R	
073445		5024 RIOSA ST	OLD JAIL	SHERIDAN	P	1900	HIST.RES.	DOE-31-91-0008-0000	10/24/91	6Y	
							PROJ.REVW.	FHWA910903A	10/24/91	6Y	
109574	31-004507	5415 RANCH HOUSE RD		(VIC) SHERIDAN	P	1875	HIST.SURV.	5681-0006-0000	06/16/97	7R	
109398	31-003506	50080 HAMPSHIRE ROCKS RD	RAINBOW LODGE	SODA SPRINGS	P	1921	HIST.SURV.	9572-0009-0000	06/16/97	7R	
184256			KIDD LAKE DAM	(VIC) SODA SPRING	P	1850	PROJ.REVW.	FERC110429A	07/29/11	6Y	
162116			SAILOR MINE/FS# 05-17-54-0446	TAH NF		1880	PROJ.REVW.	USFS050913A	05/12/06	6Y	
172935			SILVER CREEK TRACT LOT NO 20	TAH NF	FP	1959	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172934			SILVER CREEK TRACT LOT NO 19	TAH NF	FP	1959	PROJ.REVW.	USFS080609W	07/15/08	6Y	
174144			BIG BEND RECREATION TRACT LOT 4	TAH NF	FP		PROJ.REVW.	USFS070307A	04/17/07	6Y	
174146			BIG BEND RECREATION TRACT LOT 6	TAH NF	FP		PROJ.REVW.	USFS070307A	04/17/07	6Y	
172908			SILVER CREEK RECREATIONAL RESIDENC	TAH NF	FP	1949	PROJ.REVW.	USFS080609W	07/15/08	6Y	
166574			TNF LAKE TAHOE RAILWAY & TRANS CO.	TAH NF	F		PROJ.REVW.	USFS031219B	02/17/04	6Y	
172921			SILVER CREEK TRACT LOT NO 10	TAH NF	FP	1960	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172926			SILVER CREEK TRACT LOT NO 13	TAH NF	FP	1960	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172920			SILVER CREEK TRACT LOT NO 9	TAH NF	FP	1962	PROJ.REVW.	USFS080609W	07/15/08	6Y	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY NAME	OWN	YR-C	OHP-PROG	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
172937			SILVER CREEK TRACT LOT NO 22	TAH NF	FP	1959	PROJ.REVW.	USFS080609W	07/15/08	6Y	
174151			BIG BEND RECREATION TRACT LOT 11	TAH NF	FP	1940	PROJ.REVW.	USFS070307A	04/17/07	6Y	
172914			SILVER CREEK TRACT LOT NO 4	TAH NF	PF	1958	PROJ.REVW.	USFS080609W	07/15/08	6Y	
174142			BIG BEND RECREATION TRACT LOT 2	TAH NF	FP		PROJ.REVW.	USFS070307A	04/17/07	6Y	
172938			SILVER CREEK TRACT LOT NO 23	TAH NF	FP	1962	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172936			SILVER CREEK TRACT LOT NO 21	TAH NF	FP	1960	PROJ.REVW.	USFS080609W	07/15/08	6Y	
099990			BRADLEY HUT CABIN	TAH NF	F	1957	HIST.RES.	DOE-31-96-0001-0000	01/09/96	6Y	
							PROJ.REVW.	USFS951214A	01/09/96	6Y	
172923			SILVER CREEK TRACT LOT NO 11	TAH NF	FP	1957	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172911			SILVER CREEK TRACT LOT NO 2	TAH NF	PF	1957	PROJ.REVW.	USFS080609W	07/15/08	6Y	
100939			WHISKEY CREEK CAMP CABIN B	TAH NF	F	1954	PROJ.REVW.	USFS910725A	10/25/91	2D	AC
							HIST.RES.	DOE-31-91-0002-0002	10/25/91	2D	AC
							HIST.RES.	DOE-31-91-0001-0002	09/05/91	2D2	AC
							PROJ.REVW.	USFS910725A	09/05/91	2D2	AC
100935			WHISKEY CREEK CAMP CABIN A	TAH NF	F	1954	PROJ.REVW.	USFS910725A	10/25/91	2D	AC
							HIST.RES.	DOE-31-91-0002-0001	10/25/91	2D	AC
							HIST.RES.	DOE-31-91-0001-0001	09/05/91	2D2	AC
							PROJ.REVW.	USFS910725A	09/05/91	2D2	AC
100945			WHISKEY CREEK CAMP STONE OVEN	TAH NF	F	1954	PROJ.REVW.	USFS910725A	10/25/91	2D	AC
							HIST.RES.	DOE-31-91-0002-0003	10/25/91	2D	AC
							HIST.RES.	DOE-31-91-0001-0003	09/05/91	2D2	AC
							PROJ.REVW.	USFS910725A	09/05/91	2D2	AC
174150			BIG BEND RECREATION TRACT LOT 10	TAH NF	FP	1934	PROJ.REVW.	USFS070307A	04/17/07	6Y	
174140			BIG BEND RECREATION TRACT	TAH NF	FP		PROJ.REVW.	USFS070307A	04/17/07	6Y	
174145			BIG BEND RECREATION TRACT LOT 5	TAH NF	PF	1955	PROJ.REVW.	USFS070307A	04/17/07	6Y	
172918			SILVER CREEK TRACT LOT NO 7	TAH NF	FP	1952	PROJ.REVW.	USFS080609W	07/15/08	6Y	
174149			BIG BEND RECREATION TRACT LOT 9	TAH NF	FP		PROJ.REVW.	USFS070307A	04/17/07	6Y	
174148			BIG BEND RECREATION TRACT LOT 8	TAH NF	FP		PROJ.REVW.	USFS070307A	04/17/07	6Y	
172933			SILVER CREEK TRACT LOT NO 18	TAH NF	FP	1957	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172927			SILVER CREEK TRACT LOT NO 14	TAH NF	FP	1963	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172913			SILVER CREEK TRACT LOT NO 3	TAH NF	PF	1957	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172930			SILVER CREEK TRACT LOT NO 16	TAH NF	FP	1966	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172917			SILVER CREEK TRACT LOT NO 6	TAH NF	FP	1959	PROJ.REVW.	USFS080609W	07/15/08	6Y	
068173			WESTERN STATES TRAIL CORRI	TAH NF	U		PROJ.REVW.	USFS880513A	08/04/88	2	A
172929			SILVER CREEK TRACT LOT NO 15	TAH NF	FP	1959	PROJ.REVW.	USFS080609W	07/15/08	6Y	
174141			BIG BEND RESIDENCE TRACT LOT 1	TAH NF	FP		PROJ.REVW.	USFS070307A	04/17/07	6Y	
172910			SILVER CREEK TRACT LOT NO 1	TAH NF	FP	1950	PROJ.REVW.	USFS080609W	07/15/08	6Y	
174143			BIG BEN RECREATION TRACT LOT 3	TAH NF	PF		PROJ.REVW.	USFS070307A	04/17/07	6Y	
172925			SILVER CREEK TRACT LOT NO 12	TAH NF	FP	1955	PROJ.REVW.	USFS080609W	07/15/08	6Y	
174147			BIG BEND RECREATION TRACT LOT 7	TAH NF	FP	1937	PROJ.REVW.	USFS070307A	04/17/07	6Y	
172932			SILVER CREEK TRACT LOT NO 17	TAH NF	FP	1961	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172915			SILVER CREEK TRACT LOT NO 5	TAH NF	FP	1956	PROJ.REVW.	USFS080609W	07/15/08	6Y	
172919			SILVER CREEK TRACT LOT NO 8	TAH NF	FP	1957	PROJ.REVW.	USFS080609W	07/15/08	6Y	
072927	0		WHISKEY CREEK CAMP	TAH NF	F	1954	HIST.RES.	DOE-31-91-0002-9999	10/25/91	2S	AC
							HIST.RES.	DOE-31-91-0001-9999	09/05/91	2S2	AC
							PROJ.REVW.	USFS910725A	09/05/91	2S2	A C
152707			ROBINSON'S FLAT GUARD STATION	(VIC) TAH NF	F	1911	HIST.RES.	DOE-31-03-0019-0000	03/26/03	2S2	
							PROJ.REVW.	USFS030306A	03/26/03	2S2	
185162		19120 DONNER PASS RD	POLISH SKI CLUB CABIN (P-31-5379,	(VIC) TAH NF	FP	1947	PROJ.REVW.	USFS110707A	09/09/11	6Y	
092542			LAKE TAHOE RAILWAY & TRANSPORTATIO	TAHOE CITY	F	1899	HIST.RES.	DOE-31-94-0001-0000	10/31/94	6Y	
							PROJ.REVW.	USFS940804C	10/31/94	6Y	
090905			HISTORIC GATEKEEPER'S LOG HOUSE	TAHOE CITY	U	1909	HIST.RES.	SPHI-PLA-001	10/05/71	7L	
179883		ALPINE CR RD	CN1925B	TAHOE CITY	P		PROJ.REVW.	FCC100727B	08/24/10	6Y	

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PROPERTY-NUMBER	PRIMARY-#	STREET-ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG..	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
128886		COMMONS BRACH ST	TAHOE COMMONS HISTORIC DISTRICT	TAHOE CITY		1909	CAL.REG.	31-0027	11/05/01	7J	
109296		500 FAIRMAY DR	TRAILS END CEMETERY	TAHOE CITY	P		HIST.SURV.	5730-0010-0000	06/16/97	7R	
109393	31-004456	236 GROVE ST	MAYFIELD HOUSE	TAHOE CITY	P	1935	HIST.SURV.	5730-0012-0000	06/16/97	7R	
109394	31-004457	310 GROVE ST		TAHOE CITY	P	1930	HIST.SURV.	5730-0013-0000	06/16/97	7R	
126460		380 N LAKE BLVD	NORTH TAHOE ART CENTER	TAHOE CITY	U	1938	HIST.RES.	CR	11/03/00	1CS	AC
							CAL.REG.	31-0026	08/07/00	3S	AC
098493	31-004458	425 N LAKE BLVD	TAHOE INN/MI CASA TOO	TAHOE CITY	P	1934	HIST.SURV.	5730-0014-0000	06/16/97	7R	
							HIST.RES.	DOE-31-95-0001-0000	11/21/95	6Y	
							PROJ.REVW.	FHWA950818Z	11/21/95	6Y	
047518	31-003714	560 N LAKE BLVD	WATSON LOG CABIN	TAHOE CITY	M	1908	HIST.SURV.	5730-0015-0000	06/16/97	7K	
							HIST.RES.	NPS-79000518-0000	08/24/79	1S	
							HIST.SURV.	5730-0006-0000	08/24/79	1S	
109528	31-004459	620 N LAKE BLVD		TAHOE CITY	P	1935	HIST.SURV.	5730-0016-0000	06/16/97	7R	
047521	31-004454	1100 N LAKE BLVD	OLD LODGE BUILDING, PARK RESIDENCE	TAHOE CITY	S	1894	HIST.SURV.	5730-0009-0000		3S	
161781		2000 N LAKE BLVD	C T BLISS / C W MERRILL HOUSE	TAHOE CITY	P	1910	PROJ.REVW.	FHWA040217C	02/27/04	2S2	C
180349		4330 N LAKE BLVD		TAHOE CITY	P	1935	PROJ.REVW.	TRPA100901A	11/18/10	6Y	
172605		645 N LAKE TAHOE BLVD	PEPPER TREE INN/ SAC-405B	TAHOE CITY	P	1956	PROJ.REVW.	FCC080430H	07/01/08	6Y	
047520	31-001976	130 W LAKE BLVD	OUTLET GATES AND GATEKEEPER'S CASI	TAHOE CITY	F	1870	HIST.RES.	NPS-72000245-0000	12/13/72	1S	
							HIST.SURV.	5730-0008-0000	12/13/72	1S	
							HIST.RES.	SHL-0797-0000	09/16/64	1CL	
176385		855 W LAKE BLVD	CHAPEL OF THE TRANSFIGURATION / ST	TAHOE CITY	P	1909	HIST.RES.	NPS-11000534-0000	08/18/11	1S	C
							NAT.REG.	31-0037	07/30/10	3S	C
156981		4890 W LAKE BLVD		TAHOE CITY	P	1940	PROJ.REVW.	FHWA051026A	11/08/05	6Y	
156980		5210 W LAKE BLVD		TAHOE CITY	P	1925	PROJ.REVW.	FHWA051026A	11/08/05	6Y	
156979		5280 W LAKE BLVD		TAHOE CITY	P	1910	PROJ.REVW.	FHWA051026A	11/08/05	6Y	
156978		5290 W LAKE BLVD		TAHOE CITY	P	1950	PROJ.REVW.	FHWA051026A	11/08/05	6Y	
109646	31-004472	5315 W LAKE BLVD	GRUBSTAKE LODGE & OLD TAHOE CAFE	TAHOE CITY	P	1935	HIST.SURV.	5730-0030-0000	06/16/97	7R	
109648	31-004473	5340 W LAKE BLVD		TAHOE CITY	P	1890	HIST.SURV.	5730-0032-9999	06/16/97	7R	
156977		5490 W LAKE BLVD		TAHOE CITY	P	1916	PROJ.REVW.	FHWA051026A	11/08/05	6Y	
156982			TWIN CRAGS RECREATION RESIDENCE TR	{VIC} TAHOE CITY	P	1954	PROJ.REVW.	USFS040709C	01/19/05	6Y	
179824			P-31-2804-H LOGGING RD BC-2	{VIC} TAHOE CITY			PROJ.REVW.	COE090617A	01/28/10		
109392	31-004455	210 GROVE ST		{VIC} TAHOE CITY	P	1925	HIST.SURV.	5730-0011-0000	06/16/97	7R	
109657	31-004474	4190 HAZEL AVE		{VIC} TAHOE CITY	P	1930	HIST.SURV.	5730-0033-0000	06/16/97	7R	
172979		6900 LAKE BLVD		{VIC} TAHOE CITY	P	1929	PROJ.REVW.	TRPA080225A	03/28/08	6Y	
047517		LITTLE TRUCKEE RIVER	LAKE TAHOE DAM	{VIC} TAHOE CITY	F	1909	HIST.RES.	NPS-81000713-0000	03/25/81	1S	
							HIST.SURV.	5730-0005-0000	03/25/81	1S	
109544	31-004460	231 PIONEER WY		{VIC} TAHOE CITY	P	1940	HIST.SURV.	5730-0018-0000	06/16/97	7R	
109545	31-004461	245 PIONEER WY		{VIC} TAHOE CITY	P	1935	HIST.SURV.	5730-0019-0000	06/16/97	7R	
109546	31-004462	253 PIONEER WY		{VIC} TAHOE CITY	P	1930	HIST.SURV.	5730-0020-0000	06/16/97	7R	
109547	31-004463	270 PIONEER WY		{VIC} TAHOE CITY	P	1930	HIST.SURV.	5730-0021-0000	06/16/97	7R	
109548	31-004464	300 PIONEER WY		{VIC} TAHOE CITY	P	1925	HIST.SURV.	5730-0022-0000	06/16/97	7R	
109549	31-004465	303 PIONEER WY		{VIC} TAHOE CITY	P	1935	HIST.SURV.	5730-0023-0000	06/16/97	7R	
109550	31-004466	313 PIONEER WY		{VIC} TAHOE CITY	P	1930	HIST.SURV.	5730-0024-0000	06/16/97	7R	
109551	31-004467	323 PIONEER WY		{VIC} TAHOE CITY	P	1910	HIST.SURV.	5730-0025-0000	06/16/97	7R	
109552	31-004468	333 PIONEER WY		{VIC} TAHOE CITY	P	1930	HIST.SURV.	5730-0026-0000	06/16/97	7R	
109553	31-004469	340 PIONEER WY		{VIC} TAHOE CITY	P		HIST.SURV.	5730-0027-0000	06/16/97	7R	
109554	31-004470	373 PIONEER WY		{VIC} TAHOE CITY	P	1935	HIST.SURV.	5730-0028-0000	06/16/97	7R	
173446		6740 POWDERHORN LANE		{VIC} TAHOE CITY	P	1947	PROJ.REVW.	TRPA080512A	05/30/08	6Y	
047519		SR 89	BRIDGE #19-67	{VIC} TAHOE CITY	S	1927	HIST.SURV.	5730-0007-0000		7N	
047513	31-004255	SR 89	BRIDGE #19-31	{VIC} TAHOE CITY	S	1926	HIST.SURV.	5730-0001-0000		7R	
047516		SR 89	BRIDGE #19-34	{VIC} TAHOE CITY	S	1934	HIST.SURV.	5730-0004-0000		7R	
047515		SR 89	BRIDGE #19-33	{VIC} TAHOE CITY	S	1928	HIST.SURV.	5730-0003-0000		7N	
047514		SR 89	BRIDGE #19-32	{VIC} TAHOE CITY	S	1929	HIST.SURV.	5730-0002-0000		7N	
174317		4815 W LAKE BLVD		{VIC} TAHOE CITY	P	1933	PROJ.REVW.	TRPA080801B	09/17/08	2S2	

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PROPERTY-NUMBER	PRIMARY-#	STREET ADDRESS	NAMES	CITY-NAME	OWN	YR-C	OHP-PROG.	PRG-REFERENCE-NUMBER	STAT-DAT	NRS	CRIT
109645	11-004471	5300 W LAKE BLVD	OBEXER'S MARKET	(VIC) TAHOE CITY	P	1930	HIST.SURV.	5730-0029-0000	06/16/97	7R	
175752		215 ANDERSON AVE		TAHOE VISTA	P	1949	PROJ.REVW.	TRPA090410A	04/14/09	6Y	
174374		6630 N LAKE BLVD		TAHOE VISTA	P	1954	PROJ.REVW.	TRPA081121A	01/06/09	6Y	
174906		6731 N LAKE BLVD	VILLA SHORES MOTEL	TAHOE VISTA	P	1948	PROJ.REVW.	TRPA081218A	01/14/09	6Y	
169515		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169526		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169519		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169522		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169516		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169520		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169514		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169523		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169525		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
169517		6873 N LAKE BLVD		TAHOE VISTA	P	1937	PROJ.REVW.	TRPA070829A	10/19/07	6Y	
172633		7360 W LAKE BLVD	MANDEVILLE HOME	TAHOE VISTA	P	1914	PROJ.REVW.	TRPA080416A	05/12/08	2S2	
156976		6810 W LAKE BLVD		TAHOMA	F	1955	PROJ.REVW.	FHWA051026A	11/08/05	6Y	
108854			TRUSS BRIDGE	WEIMAR	F	1930	HIST.SURV.	5736-0001-0000	06/16/97	7R	
108862			ARP RANCH	WEIMAR	P	1910	HIST.SURV.	5736-0002-9999	06/16/97	7R	
109031		80 BRUCK LANE		(VIC) WEIMAR	P	1930	HIST.SURV.	5736-0004-0000	06/16/97	7R	
109044		21062 CANYON WY		(VIC) WEIMAR	P	1900	HIST.SURV.	5736-0005-0000	06/16/97	7R	
109064		1745 COMBIE RD		(VIC) WEIMAR	P	1925	HIST.SURV.	5736-0006-0000	06/16/97	7R	
109363		19515 GIESENDORFER RD		(VIC) WEIMAR	P	1930	HIST.SURV.	5736-0007-9999	06/16/97	7R	
109427		20200 HUMMINGBIRD LANE		(VIC) WEIMAR	P	1925	HIST.SURV.	5736-0008-0000	06/16/97	7R	
109429		20210 HUMMINGBIRD LANE		(VIC) WEIMAR	P	1935	HIST.SURV.	5736-0009-0000	06/16/97	7R	
109430		20250 HUMMINGBIRD LANE		(VIC) WEIMAR	P	1910	HIST.SURV.	5736-0010-0000	06/16/97	7R	
109431		20285 HUMMINGBIRD LANE		(VIC) WEIMAR	P	1930	HIST.SURV.	5736-0011-0000	06/16/97	7R	
109432		20295 HUMMINGBIRD LANE		(VIC) WEIMAR	P	1930	HIST.SURV.	5736-0012-0000	06/16/97	7R	
109529		20790 OAK HAVEN LANE		(VIC) WEIMAR	P	1930	HIST.SURV.	5736-0013-9999	06/16/97	7R	
109540		20282 PINE CONE PETE RD		(VIC) WEIMAR	P	1925	HIST.SURV.	5736-0015-0000	06/16/97	7R	
109561		75 PONDEROSA WY		(VIC) WEIMAR	P	1915	HIST.SURV.	5736-0016-0000	06/16/97	7R	
109562		91 PONDEROSA WY		(VIC) WEIMAR	P	1900	HIST.SURV.	5736-0017-0000	06/16/97	7R	
109563		111 PONDEROSA WY		(VIC) WEIMAR	P	1935	HIST.SURV.	5736-0018-9999	06/16/97	7R	
109564		165 PONDEROSA WY		(VIC) WEIMAR	P	1925	HIST.SURV.	5736-0019-0000	06/16/97	7R	
109565		216 PONDEROSA WY		(VIC) WEIMAR	P	1910	HIST.SURV.	5736-0020-0000	06/16/97	7R	
109566		219 PONDEROSA WY		(VIC) WEIMAR	P	1895	HIST.SURV.	5736-0021-0000	06/16/97	7R	
109568		229 PONDEROSA WY		(VIC) WEIMAR	P	1900	HIST.SURV.	5736-0022-0000	06/16/97	7R	
109569		295 PONDEROSA WY		(VIC) WEIMAR	P	1920	HIST.SURV.	5736-0023-0000	06/16/97	7R	
109650		20308 W PAOLI LANE		(VIC) WEIMAR	P	1930	HIST.SURV.	5736-0024-0000	06/16/97	7R	
108853		20601 W PAOLI LANE	WEIMAR SANITORIUM / WEIMAR INSTITU	(VIC) WEIMAR	P	1917	HIST.SURV.	5736-0003-9999	06/16/97	7R	
109651		20650 W PAOLI LANE		(VIC) WEIMAR	P	1910	HIST.SURV.	5736-0025-9999	06/16/97	7R	
109652		120 W WEIMAR CROSSROAD		(VIC) WEIMAR	P	1900	HIST.SURV.	5736-0026-9999	06/16/97	7R	

1990 records listed.

SITE-NUMBER	PRIMARY-NUM	NRS	EVL-DATE	PROGRAM	REF	EVAL	OTHER NAMES AND NUMBERS
PLA-000037/H	1S	01/08/73	73000420	KFNP	JOHNSON		STRAP RAVINE NISENAN MAIDU INDIAN SITE TEMPORARY SITE 50 1975 SURVEY
PLA-000038/H	1S	01/08/73	73000420	KFNP	STRAP RAVINE NISENAN MAIDU INDIAN SITE		TEMP.SITE 16 & 17, 1975 SURVEY
PLA-000040/H	2S2	03/18/10	COE090817A	WEPR	CA-PLA-1954/H LANDA SHEEP CAMP, CA-PLA-40/H P-31-2805/H		
PLA-000076	6Y	04/06/10	COE100401B	WEPR	LITHIC SCATTER, CA-PLA-76		
PLA-000079	6Y	07/20/88	FHWAB80623A		31-157		
PLA-000081	6Y	04/06/10	COE100401B	WEPR	REPORTED LOCATION OF ISOLATED MAMO, CA-PLA-81		
PLA-000101H	6Y	05/03/99	AD0E-31-99-013-000	SGPR	31-101		
	6Y	05/03/99	COE990415A	SGPR			
PLA-000139	6Y	10/15/96	COE950911B	GRPR	RVA-A-1		
PLA-000142	6Y	10/10/00	AD0E-31-00-002-000	CCPR			
	6Y	10/10/00	FHWAD00908C	CCPR			
PLA-000205	6Y	10/10/00	AD0E-31-00-001-00	CCPR	5121		
	6Y	10/10/00	FHWA000908C	CCPR			
PLA-000218/H	7J	04/05/10	COE080730K	WEPR	PREHISTORIC OCCUPATION SITE WITH HISTORIC WELL, 000566 - CA-YOL-216H		
PLA-000222H	6Y	08/24/00	AD0E-31-00-004-000	JWPR			
	6Y	08/24/00	USFS000731E	JWPR			
	6Y	01/10/94	RTC931230A	HKPR			
PLA-000223H	6Y	01/10/94	RTC931230A	HKPR			
PLA-000331	6Y2	08/06/10	FERC100719A	ABPR	MORTAR CUPS, FLAKES, POSSIBLE PIT HOUSE DEPRESSIONS HALSEY, CA-PLA-31		
PLA-000359H	2S2	04/07/92	USFS920306A	GRPR	FS# 05-17-54-0188		
	2S2	04/17/92	USFS920117Z	HKPR			
PLA-000394	6Y	10/06/97	AD0E-31-97-032-00	SGPR	FS# 05-17-57-0153		
	6Y	10/06/97	USFS970915A	SGPR			
PLA-000395	2S2	10/06/97	AD0E-31-97-033-00	SGPR	FS# 05-17-57-0154		
	2S2	10/06/97	USFS970915A	SGPR			
PLA-000414	6Y	01/20/87	AD0E-31-87-0001-0	NDPR	FS# 05-17-57-0147,05-17-57-0148		
	6Y	01/20/87	FHWAB60528A				
PLA-000469H	6Y	05/23/08	COE070827A	WEPR	CA-PLA-469/H		
PLA-000470/H	6Y	05/23/08	COE070827A	WEPR	CA-PLA-470/H-A		
PLA-000473/H	6Y	05/23/08	COE070827A	WEPR	CA-PLA-473/H		
PLA-000499	6Y2	07/29/11	FERC110429A	ABPR	ROCK CREEK LAKE BRM'S, 31-624		
PLA-000509	6Y	10/25/96	COE961004A	SGPR			
PLA-000510H	6Y	05/03/99	AD0E-31-99-010-000	SGPR			
	6Y	05/03/99	COE990415A	SGPR			
PLA-000515	6Y	10/25/96	COE961004A	SGPR			
PLA-000592	2S2	04/26/95	COE940721C	GRPR			
PLA-000593	6Y	04/26/95	COE940721C	GRPR			
PLA-000594/H	2S2	08/27/97	AD0E-31-97-004-00	JWPR	31-000720		
	2S2	08/27/97	COE960718Z	JWPR			
PLA-000596	6Y	08/27/97	AD0E-31-97-009-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
PLA-000598	6Y	04/26/95	COE940721C	GRPR			
PLA-000599	6Y	08/27/97	AD0E-31-97-010-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
PLA-000600	6Y	08/27/97	AD0E-31-97-011-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
PLA-000604H	6Y	08/27/97	AD0E-31-97-012-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
PLA-000605/H	2S2	08/27/97	AD0E-31-97-005-00	JWPR			
	2S2	08/27/97	COE960718Z	JWPR			
PLA-000606/H	2S2	08/27/97	AD0E-31-97-006-00	JWPR	31-000732		
	2S2	08/27/97	COE960718Z	JWPR			
PLA-000613	2S2	04/26/95	COE940721C	GRPR			
PLA-000614/H	6Y	08/27/97	AD0E-31-97-013-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
PLA-000615	6Y	08/27/97	AD0E-31-97-014-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
PLA-000617	6Y	08/27/97	AD0E-31-97-015-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
PLA-000618	2S2	04/26/95	COE940721C	GRPR			
PLA-000619	2S2	04/26/95	COE940721C	GRPR			
PLA-000620	2S2	04/26/95	COE940721C	GRPR			
PLA-000621	2S2	04/26/95	COE940721C	GRPR			
PLA-000622	2S2	04/26/95	COE940721C	GRPR			
PLA-000623	6Y	04/26/95	COE940721C	GRPR			
PLA-000625	6Y	08/27/97	AD0E-31-97-016-00	JWPR			
	6Y	08/27/97	COE960718Z	JWPR			
	6Y	08/15/95	COE950728B	SGPR			
PLA-000627/H	6Y	08/27/97	AD0E-31-97-007-00	JWPR	31-000753		
	6Y	08/27/97	COE960718Z	JWPR			

-00052B	6Y	08/27/97	ADOE-31-97-017-00	JWPR	
	6Y	08/27/97	COE96071E2	JWPR	
0630	6Y	10/16/96	COE960930A	SGPR	
PLA-000632	6Y	10/16/96	COE960930A	SGPR	
PLA-000633	2S2	12/16/96	COE960930A	SGPR	
PLA-000634	6Y	12/16/96	COE960930A	SGPR	
PLA-000635	6Y	12/16/96	COE960930A	SGPR	
PLA-000636	2S2	04/15/99	ADOE-31-99-001-00	SGPR	
	6Y	04/15/99	COE960930A	SGPR	
PLA-000637	6Y	04/15/99	ADOE-31-99-002-00	SGPR	
	6Y	04/15/99	COE960930A	SGPR	
PLA-000638H	6Y	04/15/99	ADOE-31-99-004-00	SGPR	
	6Y	04/15/99	COE960930A	SGPR	
PLA-000639H	6Y	04/15/99	ADOE-31-99-005-00	SGPR	
	6Y	04/15/99	COE960930A	SGPR	
PLA-000640	6Y	12/16/96	COE960930A	SGPR	
PLA-000641	6Y	12/16/96	COE960930A	SGPR	
PLA-000644	6Y	12/16/96	COE960930A	SGPR	
PLA-000645	6Y	12/16/96	COE960930A	SGPR	
PLA-000646/H	6Y	12/16/96	COE960930A	SGPR	
PLA-000647H	6Y	04/15/99	ADOE-31-99-006-00	SGPR	
	6Y	04/15/99	COE960930A	SGPR	
	6Y	08/27/97	ADOE-31-97-018-00	JWPR	
	6Y	08/27/97	COE96071BZ	JWPR	
PLA-000648H	6Y	10/16/96	COE960930A	SGPR	
	6Y	04/26/99	COE940721C	GRPR	
PLA-000650	6Y	04/20/92	ADOE-31-92-002-00	NDPR	
	6Y	04/20/92	FHWA860520A	NDPR	
PLA-000655H	6Y	07/29/88	FHWA880623A	NDPR	CA-PLA-655 H WIDEN D AA1
PLA-000661H	6Y	09/06/05	USFS050808A	AMPR	FS# 05-19-59-0214, BLACKWOOD BUMP 05-19-214
PLA-000666	6Y	09/15/97	ADOE-31-97-022-00	JWPR	
	6Y	09/15/97	COE970904C	JWPR	
0667	6Y	09/15/97	ADOE-31-97-023-00	JWPR	
	6Y	09/15/97	COE970904C	JWPR	
PLA-000668	2S2	09/15/97	ADOE-31-97-020-00	JWPR	GL-7
	2S2	09/15/97	COE970904C	JWPR	
PLA-000670H	6Y	10/25/96	COE961004A	SGPR	SEGMENT BOARDMAN CANAL, 31-000796
PLA-000671	2S2	09/15/97	ADOE-31-97-021-00	JWPR	GL-10
	2S2	09/15/97	COE90804C	JWPR	
PLA-000682	6Y	05/05/90	COE900510A	TVPR	
PLA-000689	2S2	12/10/91	USFS911125A	CCPR	SUMMIT HOTEL
PLA-000695H	2S2	10/12/95	ADOE-31-95-001-00	HKPR	MV-1
	2S2	10/12/95	FHWA940111A	HKPR	
	2S2	06/16/94	ADOE-31-94-003-00	NDPR	
	2S2	06/16/94	FHWA860520A	NDPR	
PLA-000699	2D2	11/16/94	USFS940727G	SGPR	HIG BEN SEGMENT OF TRUCKEE ROUTE AT THE OVERLAND EMIGRANT TR
PLA-000720	6Y	04/20/92	ADOE-31-92-005-00	NDPR	
	6Y	04/20/92	FHWA860520A	NDPR	
PLA-000721	6Y	04/20/92	ADOE-31-92-003-00	NDPR	
	6Y	04/20/92	FHWA860520A	NDPR	
PLA-000722	6Y	04/20/92	ADOE-31-92-004-00	NDPR	
	6Y	04/20/92	FHWA860520A	NDPR	
PLA-000728/H	2S2	12/17/96	ADOE-31-96-0001-00	GRFR	
			00		
	2S2	12/17/96	FHWA860520A	GRFR	
PLA-000729	6Y	02/28/94	COE940126A	NDPR	
PLA-000730	6Y	02/28/94	COE940126A	NDPR	
PLA-000735	6Y	01/08/96	COE950414A	NDPR	
PLA-000736	6Y	01/22/92	USFS911220A	GRPR	
PLA-000783H	6Y	03/11/05	USFS090322A	FCPR	FS# 05-17-57-0450
PLA-000784	6Y	09/31/94	USFS940809A	NDPR	31-000910
PLA-000785H	6Y	12/06/94	ADOE-31-94-004-00	CCPR	BRIDGE ADJUSTMENTS
	6Y	12/06/94	FHWA940912B	CCPR	CC-1
PLA-000787H	6Y	03/13/96	ADOE-31-96-003-00	CCPR	
	6Y	03/13/96	FHWA940912A	CCPR	
0788H	6Y	03/13/96	ADOE-31-96-004-00	CCPR	
	6Y	03/13/96	FHWA940912A	CCPR	
000800	2S2	04/26/95	COE940721C	GRFR	
PLA-000807H	6Y	02/13/96	COE960129A	SGPR	
PLA-000803H	6Y	02/13/96	COE960129A	SGPR	
PLA-000809	6Y	02/13/96	COE960129A	SGPR	

000810/H	6Y 02/13/96	COE960129A	SGPR
000813	6Y 12/16/96	COE960930A	SGPR
0816	2S2 12/16/96	COE960930A	SGPR
PLA-000918	6Y 01/26/00	ADOE-31-00-006-000	SGPR TENPIPE SITE
	6Y 01/26/00	COE000118A	SGPR
	6Y 04/15/99	ADOE-31-99-003-00	SGPR
	6Y 04/15/99	COE960930A	SGPR
PLA-000928	2S2 07/26/11	USFS110513A	J2PR FSH 05-17-55-0481, RHOADES HOLLER, 31-000951
PLA-000940	2S2 02/05/08	COE070323A	WEPR CA-PLA-8409/CAPERION CANAL
PLA-000941	2S2 02/05/08	COE070323A	WEPR SEGMENT OF THE UNION PACIFIC RAILROAD ALONG OPHIR ROAD
PLA-000947	6Y2 02/05/08	COE070323A	WEPR CA-PLA-847-H
PLA-000948	6Y2 02/05/08	COE070323A	WEPR CA-PLA-848-H
PLA-000950	6Y2 02/05/08	COE070323A	WEPR CA-PLA-850-H
PLA-000953	6Y2 02/05/08	COE070323A	WEPR CA-PLA-853
PLA-000961	6Y2 02/05/08	COE070323A	WEPR CA-PLA-861-H
PLA-000974H	6Y 04/15/99	ADOE-31-99-007-00	SGPR SRGC-B
	6Y 04/15/99	COE960930A	SGPR
PLA-000979	6Y 10/28/05	COE050614A	WEPR
PLA-000981	6Y 10/28/05	COE050614A	WEPR
PLA-000982	6Y 10/28/05	COE050614A	WEPR
PLA-000983H	6Y 10/28/05	COE050614A	WEPR
PLA-000984H	6Y 10/28/05	COE050614A	WEPR
PLA-000990	6Y 04/08/02	ADOE-31-02-001-000	CCPR BELL/ ORR-1, P-31-1108
	6Y 04/08/02	FFHWA010705C	CCPR
PLA-000982	2S2 02/05/08	COE070323A	WEPR SEGMENT OF THE UNION PACIFIC RAILROAD ALONG OPHIR ROAD
PLA-001041	6Y 05/23/08	COE070827A	WEPR CA-PLA-1041, P-31-1348
PLA-001042	6Y 05/23/08	COE070827A	WEPR CA-PLA-1042
PLA-001078H	6Y 02/07/08	COE080122A	WEPR SCB-1 TAKAHASHI FARM, 31-1391, 45-041-10 & 41-051-01
PLA-001189H	6Y 10/28/05	COE050614A	WEPR
PLA-001256H	6Y 09/30/08	COE080916B	WEPR ROSEVILLE CITY BURN DUMP, WILLIAM FINGERS DUMP
PLA-001258	6Y 06/09/08	FCC080519A	TTPR ISOLATE 2, 31-001601
PLA-001337H	6Y 12/14/07	FAA071022A	NTPR LINCOLN AIRPORT WORLD WAR II COMPOUND
PLA-001405H	6Y 11/10/09	BUR080520B	WEPR ROCK WALL
PLA-001420H	2S2 12/01/04	USFS040916A	BRPR MISERY WHIP SITE, P-31-1832
PLA-001438/H	6Y 06/01/09	USFS090424A	FCPR FSH 05-17-57-0316, BOLSTER SITE
PLA-001711	6Y 05/23/06	USFS060511K	WEPR MARY'S SITE
PLA-001760H	6Y 07/28/09	COE090623B	WEPR CROFTWOOD-G, P-31-2463-H
PLA-001901H	6Y 02/07/08	COE080122A	WEPR EC-05-21
PLA-001923/H	6Y2 12/29/09	COE090817A	WEPR SPARSE LITHIC SCATTER
PLA-001978H	6Y 07/13/09	COE090623A	WEPR
PLA-001981H	6Y 08/03/09	COE090727B	WEPR EC-06-69
PLA-002002/H	2S2 04/27/09	USFS090224C	FCPR FSH 05-17-57-0633, SUMMIT CAMP
PLA-002059	2S2 05/12/08	USFS080430Z	WEPR FSH 05-03-53-0064, HELL HOLE SITE
PLA-002133H	6Y 06/09/08	BUR080520B	WEPR DIKE 5-1
PLA-002134H	6Y 06/09/08	BUR080520B	WEPR ROSE SPRING DITCH
PLA-002423H	6Y2 07/29/11	FERC110429A	ABPR SOC-MRM-2
PLA-00289-1H	6Y 11/10/05	FWWA051026	CFPR
PLA-01337HK	6Y 12/14/07	FAA071022A	NTPR LINCOLN AIRPORT WORLD WAR II COMPOUND
PLA-016048	6Y2 08/06/10	FERC100719A	ABPR SYCUAN 1
PLA-02133HM	6Y 06/09/08	BUR080520B	WEPR DIKE 5-1
PLA-02134HM	6Y 06/09/08	BUR080520B	WEPR ROSE SPRING DITCH
PLA-074/84/H	6Y 02/19/08	FWWA080207A	DDPR
PLA-089-1HM	6Y 11/10/05	FWWA051026A	CFPR
PLA-Z00001	2S 07/31/81		FSH 05-17-57-0209, USFS ARR 05-17-209
	2S 07/31/81	650G6874	XPNP
PLA-Z00002	2S 11/16/81		FSH 05-17-57-0069
PLA-Z00003	6Y 05/14/93	USFS930421A	NDPR FSH 05-17-54-0273
PLA-Z00004	6Y 05/14/93	USFS930421A	NDPR FSH 05-17-54-0271
PLA-Z00005	2S2 11/29/93	ADOE-31-93-001-00	NDPR FSH 05-03-53-0065
	2S2 11/29/93	USFS931021A	NDPR
PLA-Z00006	6Y 03/15/94	USFS940218A	NDPR 05-19-253 GRIFF CREEK RESERVOIR
PLA-Z00007	2S 07/27/92	USFS920124A	GRPR FSH 05-17-57-0430
PLA-Z00008	6Y 07/27/92	USFS920124A	GRPR FSH 05-17-57-0452
PLA-Z00009	6Y 07/27/92	USFS920124A	GRPR FSH 05-17-57-0453
PLA-Z00010	6Y 07/27/92	USFS920124A	GRPR FSH 05-17-57-0454
PLA-Z00011	6Y 07/27/92	USFS920124A	GRPR FSH 05-17-57-0456
PLA-Z00012	6Y 07/27/92	USFS920124A	GRPR FSH 05-17-57-0458
PLA-Z00013	6Y 07/27/92	USFS920124A	GRPR FSH 05-17-57-0459
PLA-Z00014	2S 07/27/92	USFS920124A	GRPR FSH 05-17-57-0450
PLA-Z00015	6Y 11/13/92	USFS920929A	CCPR ARR 05-19-254
PLA-Z00016H	6Y 08/06/92	ADOE-31-92-007-00	CCPR FSH 05-19-0263, BROCKWAY RESERVOIR
	6Y 08/06/92	USFS920929A	CCPR
PLA-Z00017	6Y 08/08/94	ADOE-31-94-001-00	NDPR AF-31-10-H
	6Y 08/08/94	FWWA910903A	NDPR
PLA-Z00018	6Y 08/08/94	ADOE-31-94-002-00	NDPR AF-31-11-H

	6Y	08/08/94	FHWA910903A	NDPR	
PLA-200019	6Y	03/15/96	ADOE-31-96-0001-0	NDPR	FS-05-19-301
	6Y	03/15/96	USFS960205B	NDPR	
PLA-200020	6Y	05/28/96	USFS960416A	GRPR	FS-05-17-54-234
PLA-200021	6Y	05/28/96	USFS960416A	GRPR	FS-05-17-54-379
PLA-200022	6Y	05/28/96	USFS960416A	GRPR	FS-05-17-54-380
PLA-200023	6Y	05/28/96	USFS960416A	GRPR	FS-05-17-54-392
PLA-200024	6Y	05/28/96	USFS960416A	GRPR	FS-05-17-54-393
PLA-200025	2S2	05/28/96	USFS960416A	GRPR	FS-05-17-54-235
PLA-200026	6Y	10/25/96	COE961004A	SGPR	HIGHLANDS #1
PLA-200027	6Y	10/25/96	COE961004A	SGPR	AF-31-6611
PLA-200029H	6Y	08/18/97	ADOE-31-97-001-00	JWPR	PA-97-52
	6Y	08/18/97	BLM970612A	JWPR	
PLA-200030H	6Y	08/18/97	ADOE-31-97-002-00	JWPR	PA-97-53
	6Y	08/18/97	BLM970612A	JWPR	
PLA-200031H	6Y	08/18/97	ADOE-31-97-003-00	JWPR	PA-97-54
	6Y	08/18/97	BLM970612A	JWPR	
PLA-200032H	6Y	08/18/97	ADOE-31-97-0004-0	JWPR	PA-97-55
	6Y	08/18/97	BLM970612A	JWPR	
PLA-200033	6Y	08/27/97	ADOE-31-97-008-00	JWPR	PL1-10
	6Y	08/27/97	COE960718Z	JWPR	
PLA-200034	6Y	10/20/97	ADOE-31-97-019-00	SGPR	FS# 05-17-54-0399
	6Y	10/20/97	USFS971006A	SGPR	
PLA-200035H	6Y	09/15/97	ADOE-31-97-024-00	SGPR	FERRARI-1
	6Y	09/15/97	COE970818B	SGPR	
PLA-200036H	6Y	09/15/97	ADOE-31-97-025-00	SGPR	HEMPHILL DITCH
	6Y	09/15/97	COE970818B	SGPR	FERRARI-2
PLA-200037H	6Y	09/15/97	ADOE-31-97-026-00	SGPR	FERRARI-3
	6Y	09/15/97	COE970818B	SGPR	
PLA-200038H	6Y	09/15/97	ADOE-31-97-027-00	SGPR	FERRARI-4
	6Y	09/15/97	COE970818B	SGPR	
PLA-200039H	6Y	09/15/97	ADOE-31-97-028-00	SGPR	LS-12 FERRARI-5
	6Y	09/15/97	COE970818B	SGPR	
PLA-200040H	6Y	09/15/97	ADOE-31-97-029-00	SGPR	BEERMANN'S SLAUGHTER HOUSE
	6Y	09/15/97	COE970818B	SGPR	FERRARI-6
PLA-200041H	6Y	09/15/97	ADOE-31-97-030-00	SGPR	HUGHES RANCH SITE
	6Y	09/15/97	COE970818B	SGPR	FERRARI-7
PLA-200042	2S2	09/15/97	ADOE-31-97-031-00	SGPR	BA MU MA
	2S2	09/15/97	COE970818B	SGPR	SALT SPRING
PLA-200043	2D2	10/29/97	ADOE-31-97-034-00	JWPR	05-19-703 (SOUTH HALF)
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200044	2D2	10/29/97	ADOE-31-97-035-00	JWPR	05-19-706
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200045	2D2	10/29/97	ADOE-31-97-36-00	JWPR	05-19-707
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200046	2D2	10/29/97	ADOE-31-97-037-00	JWPR	05-19-710
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200047	2D2	10/29/97	ADOE-31-97-038-00	JWPR	05-19-711
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200048	2D2	10/29/97	ADOE-31-97-039-00	JWPR	05-19-712
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200049	2D2	10/29/97	ADOE-31-97-040-00	JWPR	05-19-713
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200050	2D2	10/29/97	ADOE-31-97-040-00	JWPR	05-19-714
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200051	2D2	10/29/97	ADOE-31-97-41-00	JWPR	05-19-715
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200052	2D2	10/29/97	ADOE-31-97-42-00	JWPR	05-19-717
	2D2	10/29/97	USFS971022A	JWPR	
PLA-200053	6Y	10/29/97	ADOE-31-97-043-00	JWPR	05-19-703 (NORTH HALF)
	6Y	10/29/97	USFS971022A	JWPR	
PLA-200054	6Y	10/29/97	ADOE-31-97-044-00	JWPR	05-19-704
	6Y	10/29/97	USFS971022A	JWPR	
PLA-200055	6Y	10/29/97	ADOE-31-97-045-00	JWPR	05-19-705
	6Y	10/29/97	USFS971022A	JWPR	
PLA-200056	6Y	10/29/97	ADOE-31-97-046-00	JWPR	05-19-708
	6Y	10/29/97	USFS971022A	JWPR	
PLA-200057	6Y	10/29/97	ADOE-31-97-047-00	JWPR	05-19-716
	6Y	10/29/97	USFS971022A	JWPR	
PLA-200058	6Y	10/29/97	ADOE-31-97-048-00	JWPR	05-19-718
	6Y	10/29/97	USFS971022A	JWPR	
PLA-200059	6Y	10/29/97	ADOE-31-97-049-00	JWPR	05-19-727

SITE-NUMBER	PRIMARY-NUM	NRS	EVL-DATE	PROGRAM REF	EVAL	OTHER NAMES AND NUMBERS
	6Y	10/29/97	USFS971022A	JWPR		
PLA-Z00060	6Y	10/29/97	AD0E-31-97-050-00	JWPR	05-19-728	
	6Y	10/29/97	USFS971022A	JWPR		
PLA-Z00061H	6Y	11/13/92	AD0E-31-92-006-00	CCPR	FS# 05-19--0256, TWIN CRAGS HAUL ROAD	
	6Y	11/13/92	USFS920929A	CCPR		
PLA-Z00063	6U	11/18/98	AD0E-31-98-001-00	GRPR	GN-2	
	6U	11/18/98	COE960911A	GRPR		
PLA-Z00064/H	6U	10/08/98	AD0E-31-98-002-00	GRPR	FS# 05-17-57-0249, LAKE VIEW	
	6U	10/08/98	USFS980505C	GRPR	TAHOE NATIONAL FOREST	
PLA-Z00065	6U	10/08/98	AD0E-31-98-003-00	GRPR	FS# 05-17-57-0255, ESTUARY	
	6U	10/08/98	USFS980505C	GRPR	TAHOE NATIONAL FOREST	
PLA-Z00066H	6Y	04/14/99	AD0E-31-99-008-00	DDPR	TE-7	
	6Y	04/14/99	COE990316A	DDPR	AF# 021-270-025	
PLA-Z00067/H	6Y	04/14/99	AD0E-31-99-009-00	DDPR	TE-8	
	6Y	04/14/99	COE990316A	DDPR	AF# 021-270-025	
PLA-Z00068	6Y	05/03/99	AD0E-31-99-011-000	SGPR	FRS-1	
	6Y	05/03/99	COE990415A	SGPR		
PLA-Z00069H	6Y	05/03/99	AD0E-31-99-012-000	SGPR	THE SOUTHERN PACIFIC RESERVOIR	
	6Y	05/03/99	COE990415A	SGPR	ERP SITE #5	
PLA-Z00070H	6Y	08/30/99	AD0E-31-99-014-000	SGPR	CRU-91-PLA-9	
	6Y	08/30/99	COE990802B	SGPR		
PLA-Z00071H	6Y	06/16/99	AD0E-31-99-015-000	JWPR	CRU-19-PLA-5H	
	6Y	06/16/99	COE990524B	JWPR		
PLA-Z00072H	6Y	06/16/99	AD0E-31-99-016-000	JWPR	CRU-91-PLA-6H	
	6Y	06/16/99	COE990524B	JWPR		
PLA-Z00073H	6Y	06/16/99	AD0E-31-99-017-000	JWPR	CRU-91-PLA-3H	
	6Y	06/16/99	COE990524B	JWPR		
PLA-Z00074H	6Y	06/16/99	AD0E-31-99-018-000	JWPR	CRU-91-PLA-4H	
	6Y	06/16/99	COE990524B	JWPR		
PLA-Z00075H	6Y	06/16/99	AD0E-31-99-019-000	JWPR	CRU-91-PLA-8H	
	6Y	06/16/99	COE990524B	JWPR		
PLA-Z00076	6Y	06/16/99	AD0E-31-99-020-000	JWPR	CRU-91-PLA-7	
	6Y	06/16/99	COE990524B	JWPR		
PLA-Z00077	6Y	01/03/01	AD0E-31-01-001-000	NTPR		
	6Y	01/03/01	FCC001115A	NTPR		
PLA-Z00078	6Y	12/03/01	AD0E-31-01-002-000	CCPR	STEWART MINE HYDRAULIC CMT	
	6Y	12/03/01	FHW010920A	CCPR		
PLA-Z00079	6Y	10/09/01	AD0E-31-01-003-000	AMPR	FS# 05-19--0125, LOST LAKE	
	6Y	10/09/01	USFS010920B	AMPR		
PLA-Z00080	6Y	01/08/02	AD0E-31-00-003-000	AMPR	FS# 05-19--0993, THE BUICK SITE	
	6Y	01/08/02	USFS011203A	AMPR		
PLA-Z00081	6Y	01/08/02	AD0E-31-02-003-000	AMPR	FS# 05-19--0992, LONELY GULCH CAN DUMP	
	6Y	01/08/02	USFS011203B	AMPR		
PLA-Z00082	6Y	01/08/02	AD0E-31-02-004-000	AMPR	FS# 05-19--610H	
	6Y	01/08/02	USFS011204A	AMPR		
PLA-Z00083	6Y	03/30/01	AD0E-31-01-004-000	JWPR	FS# 05-19--0948, ROAD 15N37/ BLACKWOOD CANYON AREA ROADS DECOMMISSION	
	6Y	03/30/01	USFS010301A	JWPR		
PLA-Z00084	6Y	03/30/01	AD0E-31-01-005-000	JWPR	FS# 05-19--0949, ROAD 15N37.1/ BLACKWOOD CANYON AREA ROAD DECOMMISSION	
	6Y	03/30/01	USFS010301A	JWPR		
PLA-Z00085	6Y	03/30/01	AD0E-31-01-006-000	JWPR	FS# 05-19--0214, ROAD 15N37.2/ BLACKWOOD CANYON ROAD DECOMMISSION	
	6Y	03/30/01	USFS010301A	JWPR		
PLA-Z00086	6Y	11/06/01	AD0E-31-01-007-000	AMPR	FS# 05-19--0298	
	6Y	11/06/01	USFS011017B	AMPR		
PLA-Z00087	6Y	04/16/02	AD0E-31-02-005-000	DSFR	FS# 05-19--0611, STANFORD ROCK RD	
	6Y	04/16/02	USFS020213A	DSFR		
PLA-Z00088	6Y	04/16/02	AD0E-31-02-006-000	DSFR	FS# 05-19--0612, WARD CREEK RD	
	6Y	04/16/02	USFS020213A	DSFR		
PLA-Z00089	6Y	01/26/00	AD0E-31-00-005-000	SGPR	PL-1	
	6Y	01/26/02	COE000118A	SGPR		
PLA-Z00090	6Y	07/08/02	AD0E-31-02-007-000	MMPR		
	6Y	07/08/02	FHW971020A	MMPR		
PLA-Z00091	6Y	07/08/02	AD0E-31-02-008-000	MMPR		
	6Y	07/08/02	FHW971020A	MMPR		
PLA-Z00092	6Y	07/08/02	AD0E-31-02-009-000	MMPR		
	6Y	07/08/02	FHW971020A	MMPR		
PLA-Z00093	6Y	07/08/02	AD0E-31-02-010-000	MMPR	ROCKLIN PASSENGER DEPOT, RM-3	
	6Y	07/08/02	FHW971020A	MMPR		
PLA-Z00094	6Y	09/04/02	AD0E-31-02-011-000	JDFR	QUAIL SPRING DITCH	
	6Y	09/04/02	COE020805A	JDFR		
PLA-Z00095	6Y	09/04/02	AD0E-31-02-012-000	JDFR	QUAIL SPRINGS RANCH TRASH DUMP AND PRIVY PIT	
	6Y	09/04/02	COE020805A	JDFR		
PLA-Z00096	6Y	06/12/02	AD0E-31-02-013-000	CCPR	MAIN CANAL, FOLSOM-AUBURN RD SEGMENT	

SITE-NUMBER PRIMARY-NUM NRS EVL-DATE PROGRAM REF..... EVAL OTHER NAMES AND NUMBERS.....

	6Y	06/12/02	PHWA020425D	CCPR	
PI * 700097H	6Y	04/29/04	ADOE-31-04-001-000	AMPR	FS# 05-17-54-0447, ELDORADO MINE
	6Y	04/29/04	USFS040405D	AMPR	
PLA-Z00098H	6Y	12/04/03	ADOE-31-03-001-000	NTPR	TAHOE TREASURE MINE
	6Y	12/04/03	USFS031020A	NTPR	
PLA-Z00099H	6Y	07/21/04	ADOE-31-04-002-000	JNPR	FS# 05-19--0801, WINCHESTER SITE HISTORIC REFUSE SCATTER
	6Y	07/21/04	USFS040707A	JNPR	
PLA-Z00100/H	6Y	03/23/05	USFS050223C	BHPR	FS# 05-03-53-0090, FOREST SERVICE SITE 05-03-53-90
PLA-Z00102	7J	01/10/07	31-0034	SSRG	CLOVER VALLEY LAKES ARCHEOLOGICAL DISTRICT
	2S2	10/03/02	ADOE-31-02-014-999	JDPR	
	2S2	10/03/02	COE020726C	JDPR	
PLA-Z00103	2D2	10/03/02	ADOE-31-02-014-001	JDPR	PA-98-100
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00104	2D2	10/03/02	ADOE-31-02-014-002	JDPR	PA-98-101
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00105	2D2	10/03/02	ADOE-31-02-014-003	JDPR	PA-98-102
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00106	2D2	10/03/02	ADOE-31-02-014-004	JDPR	PA-98-103
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00107	2D2	10/03/02	ADOE-31-02-014-005	JDPR	PA-31-02-014-005
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00108	2D2	10/03/02	ADOE-31-02-014-006	JDPR	PA-98-006
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00109	2D2	10/03/02	ADOE-31-02-014-007	JDPR	PA-98-106
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00110	6Y	10/03/02	ADOE-31-02-014-008	JDPR	PA-98-107
	6Y	10/03/02	COE020726D	JDPR	
PLA-Z00111	2D2	10/03/02	ADOE-31-02-014-009	JDPR	PA-98-108
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00112	2D2	10/03/02	ADOE-31-02-014-010	JDPR	PA-98-109
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00113	2D2	10/03/02	ADOE-31-02-014-011	JDPR	PA-98-110
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00114	2D2	10/03/02	ADOE-31-02-014-012	JDPR	PA-98-111
	2D2	10/03/02	COE020726C	JDPR	
0115	2D2	10/03/02	ADOE-31-02-014-013	JDPR	PA-98-112
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00116	2D2	10/03/02	ADOE-31-02-014-014	JDPR	PA-98-113
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00117	2D2	10/03/02	ADOE-31-02-014-015	JDPR	PA-98-015
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00118	2D2	10/03/02	ADOE-31-02-014-016	JDPR	PA-98-115
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00119	2D2	10/03/02	ADOE-31-02-014-017	JDPR	PA-98-116
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00120	2D2	10/03/02	ADOE-31-02-014-018	JDPR	PA-98-117
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00121	2D2	10/03/02	ADOE-31-02-014-019	JDPR	PA-98-118
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00122	2D2	10/03/02	ADOE-31-02-014-020	JDPR	PA-98-119
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00123	2D2	10/03/02	ADOE-31-02-014-021	JDPR	PA-98-120
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00124	2D2	10/03/02	ADOE-31-02-014-022	JDPR	PA-98-121
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00125	2D2	10/03/02	ADOE-31-02-014-023	JDPR	PA-98-122
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00126	2D2	10/03/02	ADOE-31-02-014-024	JDPR	PA-98-123
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00127	2D2	10/03/02	ADOE-31-02-014-025	JDPR	PA-98-124
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00128	2D2	10/03/02	ADOE-31-02-014-026	JDPR	CVL-2
	2D2	10/03/02	ADOE-31-02-014-026	JDPR	
PLA-Z00129	2D2	10/03/02	ADOE-31-02-014-027	JDPR	CVL-3
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00130	2D2	10/03/02	ADOE-31-02-014-028	JDPR	CVL-4
	2D2	10/03/02	COE020726C	JDPR	
PI * 00131	2D2	10/03/02	ADOE-31-02-014-029	JDPR	CVL-5
	2D2	10/03/02	COE020726C	JDPR	
E... 200132	2D2	10/03/02	ADOE-31-02-014-030	JDPR	CVL-6A
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00133	2D2	10/03/02	ADOE-31-02-014-031	JDPR	CVL-6B
	2D2	10/03/02	COE020726C	JDPR	
PLA-Z00134	2D2	10/03/02	ADOE-31-02-014-032	JDPR	CVL-7

SITE-NUMBER	PRIMARY-NUM	NRS	EVL-DATE	PROGRAM REF	.....	EVAL OTHER NAMES AND NUMBERS
		2D	10/03/02	COE020726C		JDPR
PLA-700135		2D2	10/03/02	ADOE-31-02-014-033		JDPR CVL-8
		2D2	10/03/02	COE020726C		JDPR
PLA-Z00136		2D2	10/03/02	ADOE-31-02-014-034		JDPR CVL-9
		2D2	10/03/02	COE020726C		JDPR
PLA-Z00137H		6Y	08/16/05	COE050720A		AMPR
PLA-Z00138H		6Y	08/16/05	COE050720A		AMPR LAIRD HYDRAULIC MINE SITE
PLA-Z00139H		6Y	08/31/05	COE050720A		AMPR
		6Y	08/31/05	COE050720A		AMPR
		6Y	08/31/05	COE050720A		AMPR
PLA-Z00140H		6Y	08/31/05	COE050720A		AMPR
PLA-Z00141H		6Y	08/31/05	COE050720A		AMPR
		6Y	08/31/05	COE050720A		AMPR
PLA-Z00142H		6Y	08/31/05	COE050720A		AMPR
PLA-Z00143H		6Y	02/10/06	USFS050920A		WEPR FS# 05-19--1066, TRASH SCATTER
PLA-Z00144		6Y	09/20/04	COE040621A		JHPR CONCRETE FOUNDATION, P-31-001224
PLA-Z00145H		6Y	09/20/04	COE040621A		JHPR EC-04-08
PLA-Z00146H		6Y	09/20/04	COE040621A		JHPR EC-04-09
PLA-Z00147H		6Y	09/20/04	COE040621A		JHPR WELL, EC-04-10
PLA-Z00148/H		6Y	02/27/04	FHWAO40217C		MMPR FS 05-19-81 (ETHNOGRAPHIC WASHOE ENCAMPMENT: MASUNDAUWO'THA)
PLA-Z00149/H		6Y	02/27/04	FHWAO40217C		MMPR FS 05-19-656 (MDS)
PLA-Z00150/H		6Y	02/27/04	FHWAO40217C		MMPR FS 05-19-652 (MDL)
PLA-Z00151/H		6Y	02/27/04	FHWAO40217C		MMPR 2A9400-1
PLA-Z00152H		6Y	02/27/04	FHWAO40217C		MMPR FS 05-19-654
PLA-Z00153H		6Y	02/27/04	FHWAO40217C		MMPR FS 05-19-655
PLA-Z00154H		6Y	02/27/04	FHWAO40217C		MMPR FS 05-19-657
PLA-Z00155H		6Y	02/27/04	FHWAO40217C		MMPR FS 05-19-658
PLA-Z00157H		2S2	03/15/07	USFS050126B		WEPR FS# 05-03-53-0004, LONG CANYON SITE
PLA-Z00158H		2S2	06/29/07	USFS070524A		CFPR FS# 05-17-53-0876, CHURCH CAMP / CASA LOMA RECREATION RESIDENCE TRAC T
PLA-Z00159/H		6Y	04/11/07	BIA070222A		SBPR CFW-1
PLA-Z00160/H		2S2	04/11/07	BIA070222A		SBPR CFW-2
PLA-Z00161		6Y	04/11/07	BIA070222A		SBPR CFW-3
PLA-Z00162		6Y	04/11/07	BIA070222A		SBPR CRW-4
PLA-Z00163/H		2S2	04/11/07	BIA070222A		SBPR CFW-5
PLA-Z00164		6Y	05/08/08	USFS080425D		WEPR FS# 05-17-54-0441, BANDIT BILL'S BRM
PLA-Z00165H		6Y	06/09/08	BUR080520B		WEPR P-31-003319
PLA-Z00166H		6Y	06/11/08	USFS080512A		CZPR FS# 05-17-54-0086, SUGAR PINE POWERLINE #2
PLA-Z00167H		6Y	06/11/08	USFS080512A		CZPR FS# 05-17-54-0088, SUGAR PINE POWERLINE #4
PLA-Z00168H		6Y	06/11/08	USFS080512A		CZPR FS# 05-17-54-0089, SUGAR PINE POWERLINE #5
PLA-Z00169H		6Y	12/30/09	BUR040617A		WEPR CONCRETE ABUTMENTS FOR OLD FORESTHILL ROAD BRIDGE
PLA-Z00170H		6Y	12/30/09	BUR040617A		WEPR STEEL EYEBOLTS, REMAINS OF FORESTHILL BRIDGE
PLA-Z00171H		6Y	12/30/09	BUR040617A		WEPR CONCRETE CATCH BASIN
PLA-Z00172H		6Y	07/28/09	COE090623B		WEPR CROFTWOOD-5, P-31-2462-H
PLA-Z00173		6Y	07/28/09	COE090623B		WEPR CROFTWOOD-7, P-31-2461
PLA-Z00174H		6Y	09/01/09	BUR061114A		WEPR FDS-1
PLA-Z00175		6Y	05/23/08	COE070827A		WEPR PA-02-37
PLA-Z00176		6Y	05/23/08	COE070827A		WEPR PA-02-38
PLA-Z00177		6Y	05/23/08	COE070827A		WEPR PA-02-39
PLA-Z00178		6Y	05/23/08	COE070827A		WEPR PA-02-40
PLA-Z00179		2S2	04/05/10	COE080730K		WEPR EAGLE HOTEL TRASH PIT
PLA-Z00180H		6Y	04/06/10	COE100401B		WEPR BRICK LINED CISTERN DEMOLISHED RESIDENCE SCATTERED REFUSE, PA-04-120
PLA-Z00181H		2S2	08/06/10	FERC100719A		ABPR BORROW PIT / HALSEY RESERVOIR DAM, HSF-MRM-4
PLA-Z00182H		6Y2	01/25/11	COE101130A		WEPR SV-001
PLA-Z00183H		6Y2	01/25/11	COE101130A		WEPR SV-002
PLA-Z00184H		6Y2	01/25/11	COE101130A		WEPR SV-003
PLA-Z00185H		6Y2	02/24/11	COE110214A		WEPR P-31-1513
PLA-Z00186		6Y2	02/05/08	COE070323A		WEPR ESA-2 BRUSH FENCE MINE
PLA-Z00187		6Y2	02/05/08	COE070323A		WEPR ESA-3
PLA-Z00188		6Y2	02/05/08	COE070323A		WEPR ESA-4
PLA-Z00189H		2S2	02/05/08	COE070323A		WEPR HALLBOM RANCH-ESA-1
PLA-Z00190		2S2	02/05/08	COE070323A		WEPR SOUTH CANAL
PLA-Z00191		2S2	02/05/08	COE070323A		WEPR DUTCH RAVINE/LOWER FIDDLER GREEN CANAL
PLA-Z00192		2S2	02/05/08	COE070323A		WEPR LINCOLN HIGHWAY/TAYLOR ROAD/CALLISON ROAD

STATE POINT OF HISTORIC INTEREST:

PLACER COUNTY:

<u>SPHI #</u>	<u>Name</u>	<u>City</u>
PLA-001	Historic Gatekeeper's Log House (Lake Tahoe)	Tahoe City
PLA-002	Griffith Quarry (Taylor Road)	Penryn
PLA-003	Buckner's Bar (Auburn-Foresthill Road)	(vic) Auburn
PLA-004	Grizzly Bear House (Auburn-Foresthill Road)	(vic) Auburn
PLA-005	Liberty House (Auburn-Foresthill Road)	(vic) Auburn
PLA-006	Butcher Ranch (Auburn-Foresthill Road)	(vic) Auburn
PLA-007	Todd's Valley (Auburn-Foresthill Road)	(vic) Auburn
PLA-008	Clipper Gap (Interstate 80)	(vic) Auburn
PLA-009	United States Ranch/ U.S. Ranch (Mile Hill Toll House, North Star Toll House) (Auburn-Foresthill Road)	(vic) Auburn
PLA-010	Spring Garden School (Auburn-Foresthill Road)	(vic) Auburn Colfax
PLA-011	Griffith Griffith Residence (7325 English Colony Way)	Penryn

SPHI #	Name	City
PLA-012	Newcastle Portuguese Hall (690 Taylor Road)	(vic) Newcastle
PLA-013	Baxter (Baxter's Camp) (Highway 40)	(vic) Dutch Flat
PLA-014	Auburn Iron Works (578 Lincoln Way)	Auburn
PLA-015	Irene Burns Home (405 Lincoln Way)	Auburn
PLA-016	Finnish Temperance Hall (4090 Rocklin Road)	Rocklin
PLA-017	Auburn Grammar School (1225 Lincoln Way)	Auburn
PLA-018	Sheridan Cash Store (5740 13 th .Street)	Sheridan
PLA-019	Odd Fellow Hall, Auburn Lodge #7 (1256 Lincoln Way)	Auburn
PLA-020	Auburn Masonic Hall (9671/2 Lincoln Way)	Auburn
PLA-021	Newcastle Fruit Sheds (455 Main Street)	Newcastle
PLA-022	Auburn Public Library (175 Almond Street)	Auburn



Structure Maintenance & Investigations



Historical Significance - Local Agency Bridges

District 03

Placer County

Bridge Number	Bridge Name	Location	Historical Significance	Year Built	Year Wld/Ext
19C0001	NORTH FORK AMERICAN RIVER	0.3 MI NE OF SR 49	5. Bridge not eligible for NRHP	1855	
19C0002	NORTH FORK AMERICAN RIVER	1.5 MI W SHIRT TAIL CYN R	2. Bridge is eligible for NRHP	1930	
19C0004	AUBURN RAVINE	0.8 MI W/O S.H. 193	5. Bridge not eligible for NRHP	1900	
19C0006	SECRET RAVINE	8.2 MI N OF SACTO CO LINE	5. Bridge not eligible for NRHP	1904	
19C0010	DRY CREEK	BTWN OAK ST & PARK DR	5. Bridge not eligible for NRHP	1987	
19C0020	ANTELOPE CREEK	JUST WEST OF SH 80	5. Bridge not eligible for NRHP	1989	
19C0021	SOUTH YUBA RIVER	NEAR HAMPSHIRE ROCKS RD	5. Bridge not eligible for NRHP	1963	
19C0025	SOUTH YUBA RIVER	NORTH OF YUBA DRIVE	5. Bridge not eligible for NRHP	1929	
19C0026	SQUAW CREEK	0.6 MI E/O HWY 89	5. Bridge not eligible for NRHP	1958	2008
19C0027	MAGRA ROAD OH	ADJACENT TO I-80	5. Bridge not eligible for NRHP	1928	
19C0032	SOUTH YUBA RIVER	JUST NORTH OF I-80	5. Bridge not eligible for NRHP	1925	
19C0033	DRY CREEK	NEAR CLINTON AVE	5. Bridge not eligible for NRHP	1984	
19C0036	AUBURN RAVINE	JUNCT WITH OPHIR RD	5. Bridge not eligible for NRHP	1940	1970
19C0037	CROTHER ROAD OH	NEAR BURGAN RD	5. Bridge not eligible for NRHP	1973	
19C0039	SOUTH FORK DRY CREEK	2.0 MI E OF RTE 49	5. Bridge not eligible for NRHP	1966	
19C0040	BEAR RIVER CANAL	1.2 MI N OF I-80	5. Bridge not eligible for NRHP	1935	1955
19C0041	SOUTH YUBA RIVER	1.7 MI E OF CISCO	5. Bridge not eligible for NRHP	1928	
19C0042	SOUTH YUBA RIVER	2.3 MI E OF CISCO	5. Bridge not eligible for NRHP	1929	
19C0046	PLEASANT GROVE CREEK	0.7 MI S PLACER BLVD	5. Bridge not eligible for NRHP	1950	
19C0047	WEST SUNSET BLVD OH	INDUSTRIAL BLVD	5. Bridge not eligible for NRHP	1966	
19C0048	ROCK CREEK (ORCHARD CREEK)	0.5 MI N ATHENS AVE	5. Bridge not eligible for NRHP	1950	
19C0049	DRY CREEK	0.35 MI E OF VERNON ST	5. Bridge not eligible for NRHP	1972	
19C0051	MINERS RAVINE	1.1 MI N DOUGLAS BLVD	5. Bridge not eligible for NRHP	1930	1991
19C0052	MINERS RAVINE	2.1 MI N DOUGLAS BLVD	5. Bridge not eligible for NRHP	1950	1991
19C0053	PG&E OH FLUME	10.6 MI SACTO CO LINE	4. Historical Significance not determined	1931	
19C0054	MINERS RAVINE	2.7 MI N OF CO LINE	5. Bridge not eligible for NRHP	1981	
19C0055	SECRET RAVINE	0.9 MI E TAYLOR BLVD	5. Bridge not eligible for NRHP	1970	
19C0056	ANTELOPE CREEK	0.15 MI E SIERRA COLL RD	5. Bridge not eligible for NRHP	1970	
19C0058	SUNSET BLVD OH	NEAR PACIFIC ST.	5. Bridge not eligible for NRHP	1961	
19C0059	EAST NICOLAUS DISTRIBUTION CANAL (SUTTER CANAL)	1.5 MI WEST OF DOWD RD	5. Bridge not eligible for NRHP	1963	
19C0060	NORTH FORK AMERICAN RIVER	EAST OF I-80	5. Bridge not eligible for NRHP	1972	
19C0061	BOWMAN ROAD OH	0.1 MI SOUTH OF 19C-02	5. Bridge not eligible for NRHP	1949	
19C0062	BOWMAN ROAD OH	0.1 MI NORTH OF 18C-61	5. Bridge not eligible for NRHP	1949	
19C0063	PLEASANT GROVE CREEK	3.5 MI N/O BASE LN RD	5. Bridge not eligible for NRHP	1976	
19C0068	WISE CANAL	0.4 MI E OF S.H. 49	5. Bridge not eligible for NRHP	1975	2004
19C0067	SIERRA BOULEVARD OH	ROSEVILLE ST & LINCOLN ST	2. Bridge is eligible for NRHP	1929	
19C0069	ROCK CREEK (ORCHARD CREEK)	0.5 MI N OF E CATLETT	5. Bridge not eligible for NRHP	1977	
19C0071	NORTH FORK AMERICAN RIVER	9 MI S OF SODA SPRINGS	5. Bridge not eligible for NRHP	1900	
19C0072	SECRET RAVINE	0.3 MI E OF I-80	5. Bridge not eligible for NRHP	1983	
19C0073	WOOLEY CREEK	4.0 MI NORTH OF I-80	5. Bridge not eligible for NRHP	1935	1950
19C0074	WISE CANAL	NE HWY 49	5. Bridge not eligible for NRHP	1930	
19C0075	AUBURN RAVINE	NEAR AUBURN RAVINE RD	5. Bridge not eligible for NRHP	1980	1997
19C0076	WISE CANAL	JUST EAST HWY 49	5. Bridge not eligible for NRHP	1973	1983



Structure Maintenance & Investigations

SM&I



November 2014

Historical Significance - Local Agency Bridges

District 03

Placer County

Bridge Number	Bridge Name	Location	Historical Significance	Year Built	Year Wid/Ext
19C0077	CLOSED ROADWAY	NEAR SACRAMENTO ST.	5. Bridge not eligible for NRHP	1970	
19C0078	SOUTH SUTTER CANAL	1.4 MI E SUTTER CO LINE	5. Bridge not eligible for NRHP	1960	
19C0079	NORTH RAVINE	2.0 MI W OF AUBURN	5. Bridge not eligible for NRHP	1935	
19C0082	MARKHAM RAVINE	0.25 MI S OF NICOLAUS RD	5. Bridge not eligible for NRHP	1940	
19C0083	AUBURN RAVINE	9.8 MI N OF SECOND BASEL	5. Bridge not eligible for NRHP	1940	
19C0084	DRY CREEK	0.4 MI N OF P.F.E. RD	5. Bridge not eligible for NRHP	1940	
19C0088	DRY CREEK	0.3 MI N CIRBY WY	5. Bridge not eligible for NRHP	1973	
19C0087	DRY CREEK	0.1 MI SE VERNON ST	5. Bridge not eligible for NRHP	1970	
19C0090	DOTY RAVINE	0.5 MI E GARDEN BAR	5. Bridge not eligible for NRHP	1923	
19C0093	MARKHAM RAVINE	0.9 MI S OF NICOLAUS RD	5. Bridge not eligible for NRHP	1930	1991
19C0095	COON CREEK	0.4 MI N WISE RD	5. Bridge not eligible for NRHP	1930	
19C0098	COON CREEK	1.5 MI N OF NICOLAUS RD	5. Bridge not eligible for NRHP	1938	
19C0100	SHIRT TAIL CREEK	0.5 MI N YANKEE JIM RD	5. Bridge not eligible for NRHP	1940	
19C0101	MCKINNEY CREEK	0.1 MI NW MCKNY RUBCN SP	5. Bridge not eligible for NRHP	1950	
19C0102	MCKINNEY CREEK	0.2 MI NW MCKNY RUBCN SP	5. Bridge not eligible for NRHP	1950	
19C0104	BRANCH OF CURRY CREEK	2.2 MI N/O BASE LN RD	5. Bridge not eligible for NRHP	1920	
19C0105	CURRY CREEK	0.6MI NTH OF JACKSON RD.	5. Bridge not eligible for NRHP	1992	
19C0105	COON CREEK	3 MI N PLEASANT RD	5. Bridge not eligible for NRHP	1945	
19C0107	SHIRLAND CANAL	0.5 MI S AUBURN-FOLSOM RD	5. Bridge not eligible for NRHP	1939	1979
19C0108	SECRET RAVINE	JUST EAST OF I-80	5. Bridge not eligible for NRHP	1930	1978
19C0110	AUBURN RAVINE	0.25 MI W FIDDYMENT RD	5. Bridge not eligible for NRHP	1930	
19C0111	DOTY RAVINE	0.9 MI N OF WISE RD	5. Bridge not eligible for NRHP	1945	
19C0116	DOTY RAVINE	0.3 MI SOUTH OF WISE RD	4. Historical Significance not determined	1993	
19C0116	MCBRIDE CREEK	1.8 MI N FORRESTHILL RD	5. Bridge not eligible for NRHP	1973	
19C0118	MARKHAM RAVINE	0.5 MI S NICOLAUS RD	5. Bridge not eligible for NRHP	1940	1970
19C0121	YANKEE SLOUGH	1.0 MI N OF S.H. 65	5. Bridge not eligible for NRHP	1935	
19C0122	COON CREEK	SOUTH OF RIOSA RD	5. Bridge not eligible for NRHP	1926	
19C0124	CURRY CREEK	1.0 MILE N OF BASELINE RD	5. Bridge not eligible for NRHP	1940	
19C0126	DOTY RAVINE	0.9 MI N OF WISE RD	5. Bridge not eligible for NRHP	1940	
19C0128	COON CREEK	1.0 MI E BREWER RD	5. Bridge not eligible for NRHP	1955	
19C0129	YANKEE SLOUGH	JUST SOUTH OF DALBY RD	5. Bridge not eligible for NRHP	1920	
19C0130	YANKEE SLOUGH	JUST WEST OF DOWD RD	5. Bridge not eligible for NRHP	1925	
19C0132	DOTY RAVINE	0.9 MI N OF WISE RD	5. Bridge not eligible for NRHP	1935	
19C0134	SOUTH CANAL	0.45 MI W AUBURN-FOLSOM R	5. Bridge not eligible for NRHP	1940	
19C0135	PLEASANT GROVE CREEK	4.2 MI N/O BASE LINE RD	5. Bridge not eligible for NRHP	1940	
19C0136	SECRET RAVINE	JUST EAST OF I-80	5. Bridge not eligible for NRHP	1939	
19C0137	AUBURN RAVINE	7.8 MI N BASE LINE RD	5. Bridge not eligible for NRHP	1941	
19C0140	AUBURN RAVINE	0.65 MI N SR 193	5. Bridge not eligible for NRHP	1930	
19C0141	BEAR RIVER CANAL	0.4 MI N PLACER HILLS RD	5. Bridge not eligible for NRHP	1975	
19C0142	ROCK CREEK	0.35 MI W SH 49	5. Bridge not eligible for NRHP	1977	
19C0143	WISE CANAL	0.2 MI W SH 49	5. Bridge not eligible for NRHP	1930	1945
19C0145	WISE CANAL	0.45 MI N BELL RD	5. Bridge not eligible for NRHP	1930	
19C0146	SOUTH FORK DRY CREEK	JUST S DRY CREEK RD	5. Bridge not eligible for NRHP	1930	1940



Structure Maintenance & Investigations



Historical Significance - Local Agency Bridges

District 03

Placer County

Bridge Number	Bridge Name	Location	Historical Significance	Year Built	Year Wid/Ext
19C0147	WOOLEY CREEK	AT PLACER HILLS RD	5. Bridge not eligible for NRHP	1930	
19C0148	BEAR RIVER CANAL	0.5 MI E PLACER HILLS RD	5. Bridge not eligible for NRHP	1930	1945
19C0150	SQUAW CREEK	2 MI W OF SH 89	5. Bridge not eligible for NRHP	1959	
19C0151	TRUCKEE RIVER	0.1 MI W OF SH 89	5. Bridge not eligible for NRHP	1970	
19C0152	BEAR CREEK	0.9 MI W OF SH 89	5. Bridge not eligible for NRHP	1970	1985
19C0153	BEAR CREEK	0.1 MI S ALPINE MEADOW RD	5. Bridge not eligible for NRHP	1950	
19C0154	DRY CREEK	NEAR DRY CREEK RD	5. Bridge not eligible for NRHP	1970	
19C0155	DRY CREEK	6.0 MI E RTE 49	5. Bridge not eligible for NRHP	1930	
19C0156	BEAR RIVER CANAL	0.85 MI E PLACER HILLS RD	5. Bridge not eligible for NRHP	1976	
19C0157	BEAR RIVER CANAL DRAIN	0.1 MI W PLACER HILL RD	5. Bridge not eligible for NRHP	1969	
19C0158	WOOLEY CREEK	0.4 MI W PLACER HILLS RD	5. Bridge not eligible for NRHP	1930	1970
19C0159	DRY CREEK	1.1 MI S BASE LINE RD	5. Bridge not eligible for NRHP	1973	
19C0160	MINERS RAVINE	0.4 MI N OLIVE RANCH RD	5. Bridge not eligible for NRHP	1979	
19C0162	SECRET RAVINE	0.3 MI SOUTH EAST I-80	5. Bridge not eligible for NRHP	1929	1935
19C0163	ROCK CREEK	0.35 MI W PLACER HILLS RD	5. Bridge not eligible for NRHP	1970	
19C0164	SOUTH SUTTER CANAL	2.0 MI W DOND RD	5. Bridge not eligible for NRHP	1972	
19C0165	SOUTH SUTTER CANAL	1.9 MI E BREWER RD	5. Bridge not eligible for NRHP	1972	
19C0167	BLUE OAKS BLVD OH	AT INDUSTRIAL AVE	5. Bridge not eligible for NRHP	1980	
19C0169	NEWCASTLE TUNNEL	UNDER SH 193	5. Bridge not eligible for NRHP	1932	
19C0170	OLD STATE HIGHWAY UP	BTWN SH 193 & I-80	4. Historical Significance not determined	1910	
19C0173	LINDA CREEK	NEAR S CIRBY RD	5. Bridge not eligible for NRHP	1987	
19C0174	LINDA CREEK	S CIRBY RD MAP NO 7J13	4. Historical Significance not determined	1995	
19C0175	SUGAR PINE DAM SPILLWAY	4 MI E OF IOWA HILL	5. Bridge not eligible for NRHP	1981	
19C0176	NORTH FORK AMERICAN RIVER	3.1 MI E I-80	5. Bridge not eligible for NRHP	1984	
19C0178	ONION CREEK	6.6 MI S SODA SPRINGS	5. Bridge not eligible for NRHP	1975	
19C0180	LINDA CREEK	0.2 MI N CIRBY WAY	5. Bridge not eligible for NRHP	1964	
19C0181	CIRBY CREEK	0.1 MI E SUNRISE AVE	5. Bridge not eligible for NRHP	1968	
19C0184	ANTELOPE CREEK	AT ATLANTIC STREET	5. Bridge not eligible for NRHP	1985	1993
19C0185	MINERS RAVINE	0.2 MI S ATLANTIC ST	5. Bridge not eligible for NRHP	1985	
19C0187	DRY CREEK	0.6 MI N CIRBY AVE	5. Bridge not eligible for NRHP	1929	1979
19C0188	VERNON STREET	AT WASHINGTON BLVD	5. Bridge not eligible for NRHP	1950	
19C0189	ATLANTIC STREET	AT WASHINGTON BLVD	5. Bridge not eligible for NRHP	1950	
19C0190	ROSEVILLE UP	NW OF ATLANTIC ST	4. Historical Significance not determined	1950	
19C0191	PACIFIC STREET OC	WASHINGTON BLVD	5. Bridge not eligible for NRHP	1960	
19C0192	ANDORA UNDERPASS	S DIAMOND OAKS RD	4. Historical Significance not determined	1916	
19C0193	FOOTHILLS BLVD OH	FOOTHILL BL & ATKINSON ST	5. Bridge not eligible for NRHP	1988	
19C0194	FOOTHILLS BLVD OH	0.8 MI N COUNTY LINE	5. Bridge not eligible for NRHP	1988	
19C0196	BEAR CREEK	W END ALPINE MEADOWS RD	5. Bridge not eligible for NRHP	1965	
19C0197	SQUAW CREEK	0.1 MI W SQUAW VALLEY	4. Historical Significance not determined	1993	
19C0198L	AUBURN RAVINE	0.1 MI N/O MOORE ROAD	5. Bridge not eligible for NRHP	1988	
19C0199L	MARKHAM RAVINE	0.25 MI E/O NELSON LANE	5. Bridge not eligible for NRHP	1987	
19C0199R	MARKHAM RAVINE	0.25 MI E/O NELSON ROAD	5. Bridge not eligible for NRHP	2009	
19C0200	AUBURN OH	0.2 MI N PACIFIC AVE	5. Bridge not eligible for NRHP	1976	



Structure Maintenance & Investigations



Historical Significance - Local Agency Bridges

District 03

Placer County

Bridge Number	Bridge Name	Location	Historical Significance	Year Built	Year Wid/Ext
19C0201	AUBURN PARK UC	0.1 MI N SACRAMENTO ST	5. Bridge not eligible for NRHP	1976	
19C0202	HARDING BLVD VIADUCT	0.1M EAST OF WILLS RD.	5. Bridge not eligible for NRHP	1993	
19C0203	MINERS RAVINE	0.4 KM N JOE ROGERS RD	4. Historical Significance not determined	1980	
19C0204	NORTH BRANCH ORCHARD CREEK	W OF STATE ROUTE 65	5. Bridge not eligible for NRHP	2000	
19C0205	AUBURN RAVINE	0.25 KM E JCT WISE RD	5. Bridge not eligible for NRHP	1925	1931
19C0206L	SOUTH BRANCH PLEASANT GROVE CREEK	3.5 MI WEST OF RT 65	5. Bridge not eligible for NRHP	2008	
19C0206R	SOUTH BRANCH PLEASANT GROVE CREEK	3.5 MILES WEST OF RT 65	5. Bridge not eligible for NRHP	1998	
19C0207	PLEASANT GROVE CREEK	0.5 MI N. OF BLUE OAKS BL	5. Bridge not eligible for NRHP	1998	
19C0208	SOUTH BRANCH PLEASANTS GROVE CREEK	0.7 MIS OF BLUE OAKS BL	5. Bridge not eligible for NRHP	1998	
19C0209	PLEASANT GROVE CREEK	0.9 MI N OF BLUE OAKS BL	5. Bridge not eligible for NRHP	1999	
19C0210	ANTELOPE CREEK	0.4 MI SE OF GALLERIA BL	5. Bridge not eligible for NRHP	2000	
19C0211	FALSE RAVINE	0.4 MI S SECRET RAVINE PK	5. Bridge not eligible for NRHP	2002	
19C0212	FALSE RAVINE	1 MI E OF E ROSEVILLE PW	5. Bridge not eligible for NRHP	2001	
19C0213	MINERS RAVINE	0.4 MI S SECRET RAVINE PW	5. Bridge not eligible for NRHP	2001	
19C0214	SOUTH BRANCH PLEASANT GROVE CREEK	8 MI E WOODCREEK OAKS BL	5. Bridge not eligible for NRHP	1991	
19C0215	PLEASANT GROVE CREEK	0.5 MI N OF BLUE OAKS BL	5. Bridge not eligible for NRHP	2003	
19C0216	SOUTH FORK DRY CREEK	2.0 MIS S OF LOAN STAR RD	5. Bridge not eligible for NRHP	2005	
19C0217	ORR CREEK	1.0 MI N HUBBARD	5. Bridge not eligible for NRHP	2005	
19C0218	DOTY RAVINE	0.7 MI N OF WISE RD	5. Bridge not eligible for NRHP	1998	
19C0219	COON CREEK	0.8 MI S. OF RIOSA ROAD	5. Bridge not eligible for NRHP	1998	
19C0221	COON CREEK	0.8 MI S OF RIOSA RD	5. Bridge not eligible for NRHP	2007	
19C0222	LINDA CREEK	0.3 MI NORTH OF CIRBY WAY	5. Bridge not eligible for NRHP	2000	
19C0223	BIG YANKEE SLOUGH	WEST OF RTE 65 PM 22 3	5. Bridge not eligible for NRHP	2012	
19C0224R	AUBURN RAVINE	0.1 MI NORTH OF MOORE RD.	5. Bridge not eligible for NRHP	2005	
19C0225	INGRAM SLOUGH	NEAR CALEDON CIRCLE	5. Bridge not eligible for NRHP	2005	
19C0226	INGRAM SLOUGH	NEAR ALBERTON CIRCLE	5. Bridge not eligible for NRHP	2005	
19C0228	AIRPORT SLOUGH	4.8 MI WEST OF DOWD RD	5. Bridge not eligible for NRHP	2006	
19C0230	DRY CREEK	0.4 MI N OF PFE RD	5. Bridge not eligible for NRHP	2007	
19C0231	SECRET RAVINE	EAST OF TAYLOR RD.	5. Bridge not eligible for NRHP	1998	
19C0232	MINERS RAVINE	0.1 M S OF E ROSEVILL PKY	5. Bridge not eligible for NRHP	1998	
19C0233	MINERS RAVINE	0.1 MI NW OF N. SUNRISE	5. Bridge not eligible for NRHP	1990	2013
19C0235	AUBURN RAVINE	NEAR CHILI HILL RD	5. Bridge not eligible for NRHP	2007	
19C0236	INGRAM SLOUGH	AT GROVELAND & JOINER PKY	5. Bridge not eligible for NRHP	2006	
19C0237	INGRAM SLOUGH	0.1 NORTH OF JOINER PKWY	5. Bridge not eligible for NRHP	2005	
19C0238	MINERS RAVINE	0.5 MI S CAVIT STALMAN RD	5. Bridge not eligible for NRHP	2009	
19C0239	AUBURN RAVINE	BTWN MILLERTON & STONE RD	5. Bridge not eligible for NRHP	2010	
19C0240L	KASEBERG CREEK	0.2 MI EAST OF FIDDYMENT	5. Bridge not eligible for NRHP	1990	
19C0240R	KASEBERG CREEK	0.2 M EAST OF FIDDYMENT	5. Bridge not eligible for NRHP	2006	
19C0241	PLEASANT GROVE CREEK	JUST NTH OF BLUE OAKS	5. Bridge not eligible for NRHP	2007	
19C0242	KASEBERG CREEK	FIDDYMENT @ HAYDEN	5. Bridge not eligible for NRHP	2007	
19C0245	KASEBERG CREEK	100' W OF ROSE CREEK RD	5. Bridge not eligible for NRHP	1980	2006
19C0249	MINERS RAVINE	NEAR AUBURN FOLSOM RD	5. Bridge not eligible for NRHP	2010	
19C0254	AUBURN RAVINE	400 FEET E OF EAST AVE	5. Bridge not eligible for NRHP	1923	1983



Structure Maintenance & Investigations

SM&I



November 2014

Historical Significance - Local Agency Bridges

District 03

Placer County

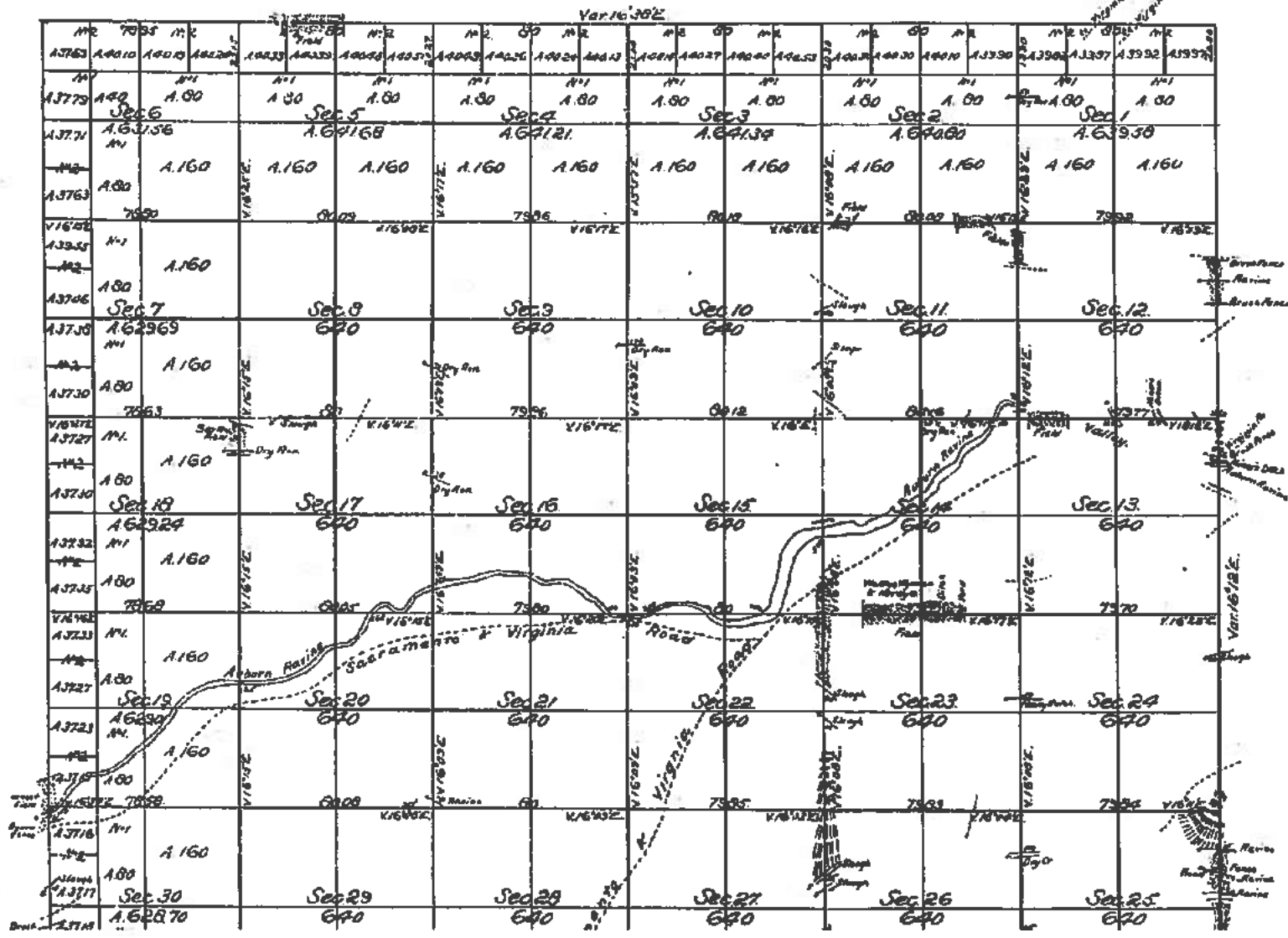
Bridge Number	Bridge Name	Location	Historical Significance	Year Built	Year Wid/Ext
19C0256	SOUTH SUTTER AQUEDUCT	AT NORTH DOWD RD	5. Bridge not eligible for NRHP	2012	
19C0257	CHERRY AVENUE OH	100 FT WEST OF BORLAND	4. Historical Significance not determined	1950	
19C0259L	JOINER PARKWAY BOH	03-PLA-065S-12.50-LNCN	5. Bridge not eligible for NRHP	2004	
19C0259R	JOINER PARKWAY BOH	03-PLA-065S-12.49	5. Bridge not eligible for NRHP	2004	
19C0260	INGRAM SLOUGH	03-PLA-065S-12.87-LNCN	5. Bridge not eligible for NRHP	2001	
19C0281	AUBURN RAVINE	03-PLA-065S-13.17-LNCN	5. Bridge not eligible for NRHP	1928	1971
19C0262	MARKHAM RAVINE	03-PLA-065S-14.80-LNCN	5. Bridge not eligible for NRHP	1875	
19C0263	COON CREEK OVERFLOW	03-PLA-065S-18.28	5. Bridge not eligible for NRHP	1975	
19C0284	COON CREEK	03-PLA-065S-18.33	5. Bridge not eligible for NRHP	1975	
18C0265	YANKEE SLOUGH	03-PLA-065S-19.68	5. Bridge not eligible for NRHP	1850	1975
18C0266	BIG YANKEE SLOUGH	03-PLA-065S-20.79	5. Bridge not eligible for NRHP	1850	1975

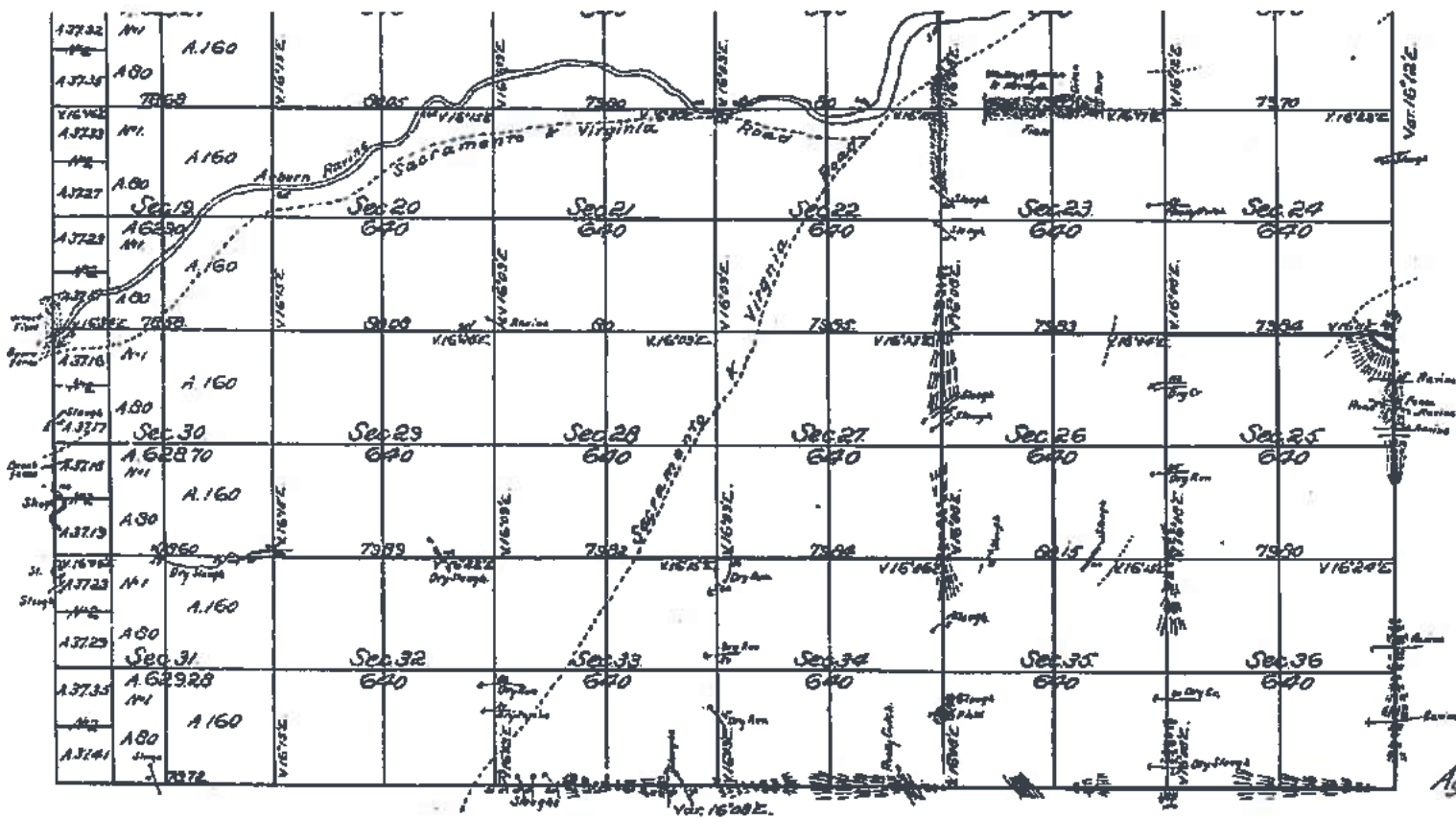
Township N° 12 North,

Range N° 6 East,

Mount Diablo Meridian.

J.B.P.



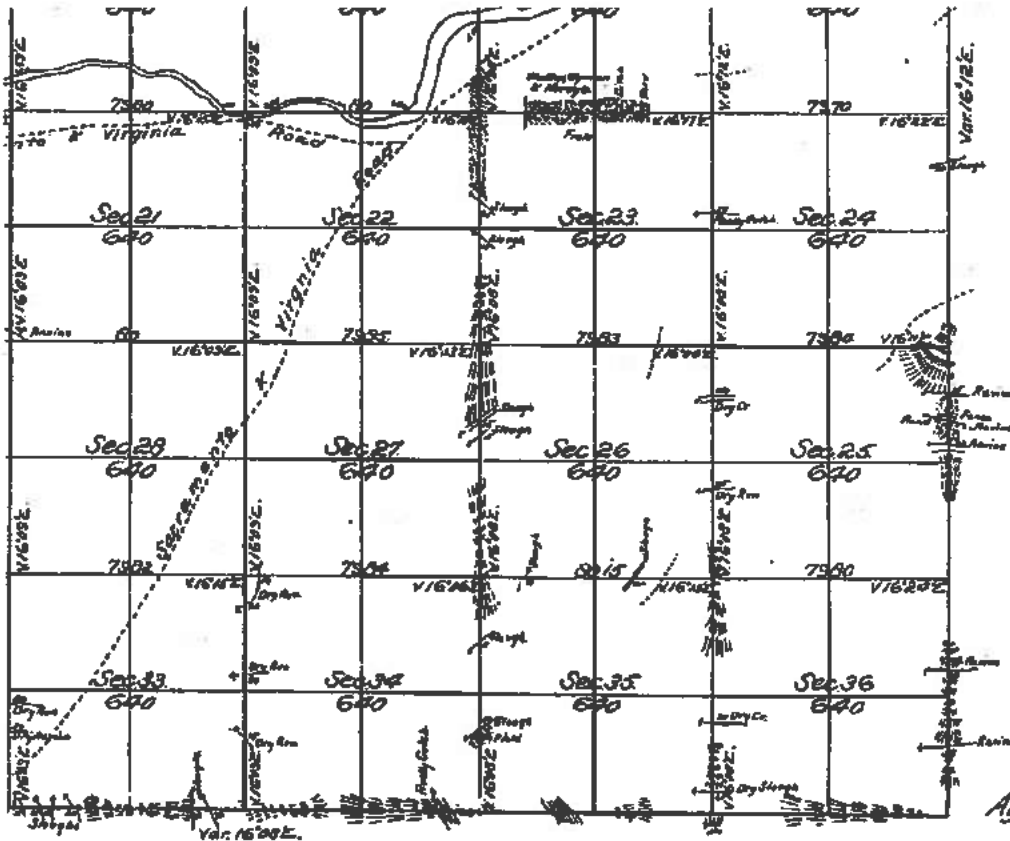


Aggregate Area of Public lands 22982.04

Surveys Designated	By whom Surveyed	Date of Contract	Amount of Surveys in '000 Acres	When Surveyed
North boundary of Township	E. D. Richardson.	July 10 th 1854	5 78 95.	1855
East	6 00 00.	. . . . .
South	5 70 72.	. . . . .
West	6 00 10.	. . . . .
Section lines	53 72 24.	. . . . .

The above Map of Township 12 North, Range 6 East (Mount Diablo Meridian) is to the field notes of the Surveys thereof, on file in this Office, which have been examined & U. S. Surveyor General's Office.
 San Francisco California }
 October 13th 1855.

John L. Wray U. S. Surv. Gen'l Cal.



Aggregate Area of Public lands 22,982.04 Acres.

Date of Contract.	Amount of Surveys in '00. 25.	When Surveyed.
July 10 th 1854	5. 70. 25.	1855
" " "	6. 00. 00.	"
" " "	5. 70. 72.	"
" " "	6. 00. 10.	"
" " "	59. 72. 24.	"

The above Map of Township N^o 12 North, Range N^o 6 East (Mount Diablo Meridian) is strictly conformable to the field notes of the Surveys thereof, on file in this Office, which have been examined & approved.

U. S. Surveyor General's Office.
San Francisco California
October 19th 1855.

John C. Neary

U. S. Surv. Gen'l. Cal^o.

41 882

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,

Washington, D. C. April 11, 1907.

I hereby certify that this photo-lithograph is a true and literal exemplification of the township plat of survey to which it purports to relate, now on file in this office.

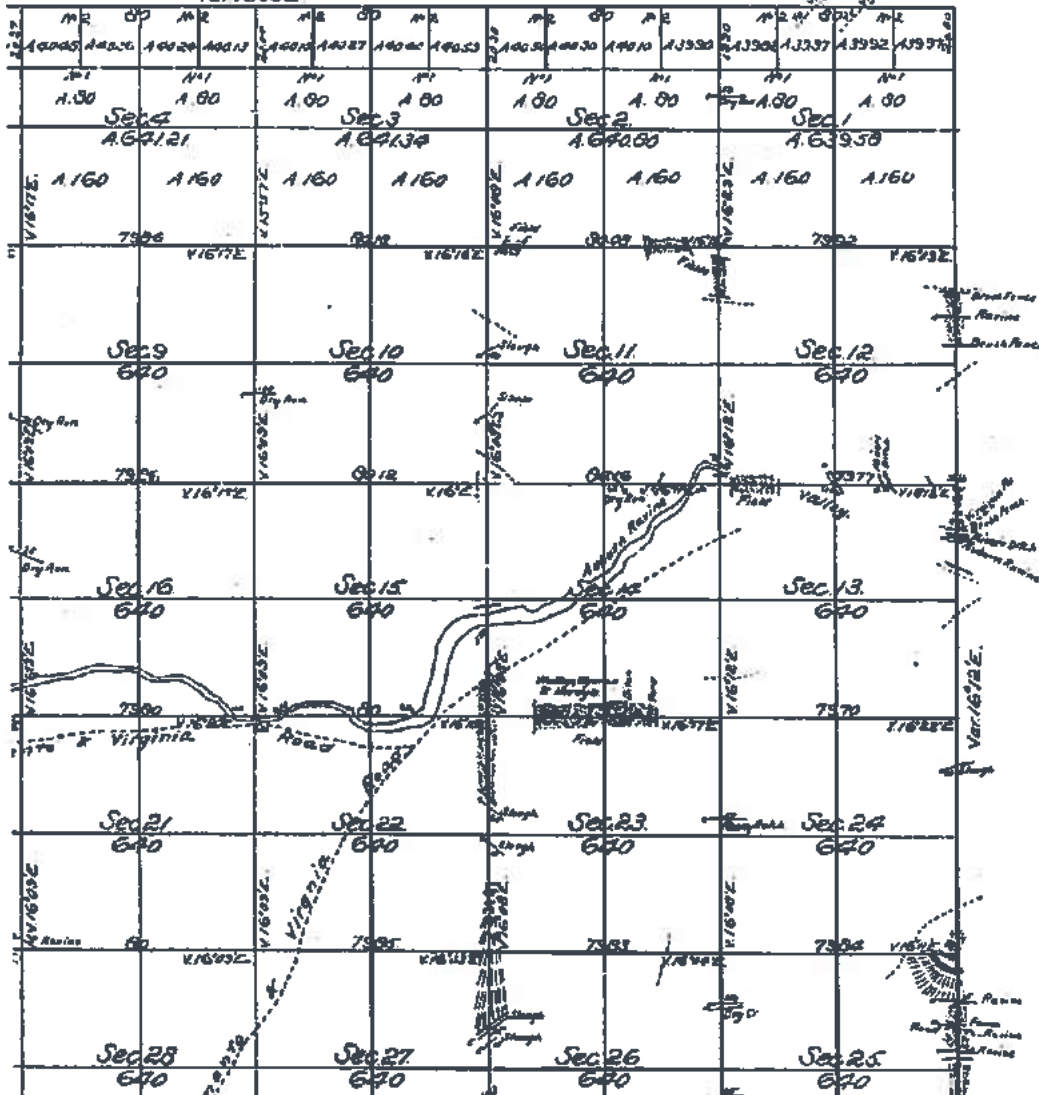
Wm. L. Rawn
Recorder.

DA 1577
145

Range N° 6 East, Mount Diablo Meridian.

Var 16° 38' E

J.B.P.



STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
GEORGE D. NORDENHOLT, Director

DIVISION OF MINES
FERRY BUILDING, SAN FRANCISCO

WALZ

ADP

State Mineralogist

Vol. 32

JANUARY, 1936

No. 1

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Walter D. Bradley
STATE MINERALOGIST

CALIFORNIA JOURNAL
OF
MINES AND GEOLOGY



QUARTERLY CHAPTER
OF
STATE MINERALOGIST'S REPORT XXXII

STATE DIVISION OF MINES
FERRY BUILDING, SAN FRANCISCO
CALIFORNIA

30373



5292 26400 0090

DIVISION OF MINES

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State Mineralogist

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MINERAL PRODUCTION OF PLACER COUNTY, 1820-1934.

Year	Gold value	Silver value	Copper		Brick		Pottery clay*		Lime and limestone		Miscellaneous stone, value	Miscellaneous and unreported			
			Pounds	Value	M.	Value	Tons	Value	Amount	Amount		Value	Substance		
880	\$338,123	\$840													
881	550,000	6,500													
882	800,000														
883	810,000														
884	897,220														
885	908,101														
886	1,071,863	1,397													
887	855,510	536													
888	850,000	1,000													
889	1,743,491	1,973													
890	1,005,605	1,845													
891	988,483	5,921													
892	1,159,080	2,120													
893	1,321,350	615													
894	1,851,215	664						22,000	\$17,800		367,200				
895	1,590,535	8,273						18,000	15,000		38,250				
896	1,674,844	6,890						10,000	10,000		44,215				
897	1,514,941	6,784						7,500	7,500		39,412				
898	1,488,022	5,670						12,000	12,000		28,833				
899	1,100,081	1,266						15,000	15,000		61,325				
900	558,155	12,058						10,000	10,000		113,909				
901	960,745	4,325						13,000	13,000		102,847				
902	843,568	3,341						15,000	15,000		158,402				
903	370,571	1,110	4,000	520				13,000	15,000	4,500	19,500	730			Platinum.
904	778,353	9,320	600,000	78,500				18,100	16,100	4,000	4,000	1,988			Quartz.
905	567,783	3,041	367,350	37,291				20,000	10,000	15,833	8,737	123,448			Platinum.
906	672,408	15,234	200,000	38,600				20,000	15,000	13,656	11,950	118,746			Platinum.
907	482,772	2,335						20,000	30,000	11,430	11,470	114,725			Platinum.
908	358,958	2,194			13,000	146,300	13,000	11,500	9,727	25,859	79,768	3,500			Asbestos.
909	281,372	1,463			2,003	52,300	43,300	33,250	724,322	23,854	1,710	178,460			Asbestos.
910	297,161	1,187			800	23,438	44,000	27,000	10,000	12,100		50 tons			Asbestos.
911	351,298	2,585	118,628	14,828	700	18,000	43,150	29,200				135 tons			Asbestos.
912	367,263	4,791	75,170	12,938	900	21,250	66,000	41,300	223,565	300,000		300 tons			Magnetite.
913	220,785	2,073	429	67	1,900	49,000	63,600	47,200				90 tons			Mineral paint.
914	600,900	4,500	453	60	2,000	49,000	63,700	49,000	202,575	202,575		50 tons			Magnetite.
915	414,310	24,543			2,000	40,000	49,126	37,536	1,236	2,432		1,000 tons			Glass sand.
916	458,400	24,928	1,437,441	353,610	2,840	79,000	29,018	34,230				855 lbs.			Lead.
917	538,688	12,863	710,601	193,924				44,097	44,097			2,000 tons			Quartz.
918	230,180	22,623	837,527	206,809	and tile	81,498	29,248	29,348				285 lbs.			Lead.
919	170,609	3,141										711 lbs.			Lead.
920	151,068	2,176			and tile	169,924	65,560	79,300				248,810			Asbestos and copper.
921	132,466	1,088			and tile	144,506	78,685	93,930				11,964			Chromite.
922	119,573	932			and tile	118,797	79,531	111,166				62,031			Granite.
923	75,732	297						82,918	143,067			10,548			Lead, limestone, magnetite.
924	105,737	534			and tile	184,053	97,670	148,306				4,237 tons			Chromite.
925	131,785	670			and tile	147,951	102,598	110,813				105,284			Chromite.
926	32,931	246			and tile	150,591	104,250	117,241				30,392			Granite.
927	97,494	440						61,388	206,710			32,534			Asbestos, brick, platinum, tile, glass, magnetite.
928	71,909	336						110,353	162,844			21,290			Manganese and silica.
929	34,861	123						118,704	138,531			24,090			Chromite.
930	29,328	73						83,377	116,842			96,513			Clay and clay products.
931	72,409	371						78,501	122,515			36,323			Granite.
932	104,009	284						35,823	49,037			1,055			Other minerals.
933	167,774	475						40,855	50,281			7,933			Chromite.
934	647,892	8,987	1,553	186				38,972	60,555			212,625			Granite.
Totals	\$34,034,845	\$228,974	4,370,648	1,057,525		\$1,310,550	1,876,893	\$2,591,911		\$546,368	\$2,704,859				\$2,450,316

* Includes granite (prior to 1916), crushed rock, rubble, rip-rap, paving blocks, sand, gravel.

† Barrels of lime.

‡ Tons of limestone.

§ Under "Unapportioned."

¶ Includes chromite, mineral paint, mineral water.

** Includes brick, building tile, chromite.

*** Includes mineral paint, mineral water, silica (quartz).

**** Includes chromite, copper, silica (quartz).

***** Includes brick and hollow building tile, copper, mineral paint, mineral water.

***** Includes brick, hollow building tile, mineral paint, silica.

***** Includes brick and hollow building tile, copper, mineral paint, silica (quartz), chromite.

***** Includes brick and hollow building tile, chromite, copper, mineral paint, mineral water, silica (quartz).

***** Includes brick and hollow building tile, copper, mineral water.

***** Includes brick, chromite, copper, granite, lead, mineral water.

***** Includes brick, granite, lead, mineral water, chromite.

* Figures for value of clay are for crude clay only. The annual value of clay products is several times greater, but is omitted because there is only one factory. Production began in 1915.

along the contacts of this intrusive rock. It is likely that much of the gold which fed the lower courses of the rich ancient channels under the lava capping of the Forest Hill ridge was derived from such deposits. In these areas, the serpentine and the adjoining schists or gabbro have in places been subjected to intense alteration by alkaline solutions, giving rise to the formation of large bodies of ankerite or similar carbonate rocks, often stained green by mariposite. While the most of such rock may carry a little gold, it seldom makes ore. Gold is at times found in the seams or 'floors' in coarse crystallized pieces as at the Garbe and de Maria Mine in Lady's Canyon or it may occur in a vein along or near the wall, as at the Three Queens Mine, in Volcano Canyon.

East Belt.

East of the serpentine and covering most of the remainder of the gold-bearing area, except where mantled by volcanic flows, are the Carboniferous rocks called the Blue Canyon formation. These are black clay-slates and quartzite principally, with many layers of interbedded igneous rocks which accompany the quartz veins. Quite a large number of scattered mines have been worked in this region. The only pronounced groupings of veins are four miles southeast of Towle and in the Canada Hill section. These veins generally strike north to northwest. The Pioneer, Herman and American Bar have been the most important mines of this type.

Alabama Mine. Alabama California Gold Mines Company, 834 Central Building, Seattle, Washington. William Anderson, president and superintendent, Box 155, Auburn, California. This mine is about a mile east of Penryn on the Williamson property and the surface is covered by a bearing orchard.

The quartz veins of this district, known in early days as Stewart's Flat, were first worked in the 1850's. Two quartz mills were in operation in 1857 and 1858 and a third was built in 1862. No details remain of the results of this early work. The Alabama Consolidated Mining Company was active in the 1880's. The quartz claim which is now the nucleus of operations was patented about 1894 as the American Mine. The mine had lain idle over 40 years when George Phillips and associates began work unwatering it in 1932. The shaft was found to be 200 ft. deep, but comparatively little ore had been mined. The first trial millruns were so encouraging that a 10-stamp mill was erected and stoping was started. The operation was creditable and almost unique in that the working partners reopened, equipped and began production from the mine with their own funds and labor, without recourse to a stock issue.

In February, 1934, after doing further work, Wm. Anderson took charge for the present company. Ten stamps were put in operation in May, 1934. Early in 1935, flotation cells were installed and July 15 ten more stamps were put in operation. About 65 tons of ore was being milled daily at the end of July with a total crew of 26 men.

The vein stands nearly vertical and strikes nearly north. All work late in July was being done upon and in stopes above the 200-ft. level, which follows the vein 565 ft. south and 480 ft. north of the shaft. In the north face, vein was then 55 inches wide, of quartz banded in layers an inch wide with thin seams and some larger irregu-

lar bunches of oxidized sulphide. A pronounced layer of quartz 10 inches wide, carrying considerable oxidized sulphide, lies on the hanging wall. On this end the vein is only slightly flexed and offset in two or three places. At the south face the vein is split into footwall and hanging-wall seams and near here the dip flattens to 46° W., with 4 to 5 ft. of quartz. The horse of rock on the west is a darker phase of the granite rock, probably a gabbrodiorite or gabbro, that on the east being lighter and more decomposed. Not enough work has been done at this face to show whether this is a contact of two igneous rocks or one of those cases of segregation of basic constituents from a parent magma. For the entire distance of 1045 ft. the vein is of good width, 2 to 7 ft. of quartz with 2 to 4 inches of gouge on each wall. Down to this depth the ore is oxidized. The best pay is reported in the layers of quartz varying from 2 inches to 1 ft. wide, found on each wall. Average assays are reported over \$9 a ton. Considerable ore is already broken and blocked out above the 200-ft. level. From 50,000 to 60,000 gallons of water is pumped daily. Ore is hoisted in buckets.

After being broken, ore goes by belt conveyor to the mill bin and to 20 stamps, which crush through 30-mesh screen. From the plates, pulp passes to five Pagergren flotation cells, size 28 by 7, run by 1½ h.p. vertical motors, 1200 r.p.m. From the last cell tailings go over two concentrating tables. Pine oil and Zanthate 25 are used in flotation. Concentrate forms about one-half of 1% of the ore, and contains pyrite, and a little galena, argentite and telluride. There are small amounts of bismuth, antimony and arsenic reported. Concentrate is said to contain about 9 oz. gold and 120 oz. silver per ton.

For 1935 to October, the company reported milling 11,000 tons of ore which yielded a reported profit of \$1 a ton.

Alameda Mine contains one claim and adjoins the Annie Laurie on the southeast. Geologically, it is similar to and an extension of, that mine. Most of the work upon it was done by placer mining, which was facilitated by the steep slope toward American River and decomposed condition near the surface. The last production was between 1902 and 1908, when irregular work on a small scale yielded a few hundred dollars a year, part of it evidently from quartz ore. The formation was soft and decomposed to a depth of 25 to 40 ft. In 1909, *Begole Mines Syndicate* of Boston had an option on this and the adjoining Annie Laurie and prospected both of them, but are not known to have made any production.

American Bar Quartz Mine in Sec. 33, T. 14 N., R. 11 E., 3½ miles by road and trail from Michigam Bluff has had several periods of activity since 1895, when the first mill was built, and has been mentioned in earlier reports, the last of these being that for 1922. The mine occupies the slope on the north side of American River and has been worked through a series of adits, the lowest of which is near the river level. The country rock is Carboniferous slate with many interbedded layers of igneous material probably deposited as dikes or sills, with strike similar to the slate but dipping at a small angle to it, at least locally. This igneous rock carries much pyrite and weathers a rusty red. A good exposure of the rock series a few hundred feet northwest of the mill shows a system of alternating layers of slate,

quartz veins and rusty dikes, striking N. 20° W. and dipping north-east. Some of the veins are 1 to 3 ft. thick here.

The principal production in late years was from 1923 to 1925 inclusive, when American Bar Quartz Mining Company milled over 10,000 tons of ore which averaged over one-half an ounce of gold per ton. The sulphide was surprisingly low grade for such ore. In 1934, *Industrial Engineering and Equipment Corporation* reopened the mine and milled with 10 stamps at the rate of 30 tons a day for a short time, on lower grade quartz. In 1935, the uncovering of better grade ore was announced, and milling is reported as having been resumed. The best ore in 1924 was reported from 2 to 5 ft. thick and 170 ft. in stope length, probably the largest part of the orebody. In 1934, Level D, the deepest adit in ore, was reported 820 ft. long and 280 ft. deep on the dip of vein.

A 20-stamp mill has a capacity of 65 tons a day.

Annie Laurie Mine comprises six unpatented quartz claims $\frac{1}{2}$ miles south of Colfax on the Forest Hill road. R. H. Young, Colfax et al., owners. G. Nissen worked the decomposed upper part of deposit before 1900 by placer mining. A Huntington mill was installed in 1901. The operation of the mine by Young and by different lessees has been intermittent, but there has been a small production reported nearly every year for the past ten years.

The deposit is a dike lying between schist walls. To a depth of about 25 ft. the dike is oxidized, soft and iron-stained. Below that, it shows as a dense, fine-grained black rock, filled with narrow seams of quartz and carrying considerable disseminated pyrite. Several short adits have been run, and also an open cut which was 550 ft. long, 25 ft. deep and 8 to 15 ft. wide at the bottom in 1931. From here, after dropping through a raise, the ore was hand trammed for about 670 ft. and dropped down a chute on the east side of the hill to the mill. The dike strikes north and dips steeply east, and where the greatest width had been mined north of the raise, the hanging wall had apparently not been reached.

Formerly 10 medium-weight stamps were used for milling. Recently some other equipment, of sufficient capacity only for testing purposes, has been added. Riley Self and associates have had a lease and option during 1935 and have done a little work.

Australian Mine. East of the Copper Bottom drift mine, in Iowa Hill district. No work had been done on this ground for many years previous to 1927, when Delmuc, Underwood and Mathews Brothers took a lease upon it and mined a few tons of ore from the two adits. This was crushed in the 5-stamp mill and gave fair returns, but evidently the amount of ore indicated did not give sufficient encouragement for the lessees to continue work.

Beauty Mine. Located at Canada Hill 24 miles by road from Forest Hill, and described in past reports under the title *Canada Hill Mines*. After the 1927 report was written, a 10-stamp mill was erected and about 1800 tons of ore was crushed in 1927 and 1928. In January, 1934, Beauty Mines Consolidated, Limited was given a permit to sell stock. Although surface improvements were reported in 1934, the mine was idle late in 1935 and so far as could be learned little new work

had been done underground. The mill was operated as a custom plant for a short time in 1935 to crush ore mined on other claims nearby, belonging to other owners.

Big Oak Tree Quartz Mine. Lot 50 in S $\frac{1}{2}$ of Sec. 33, T. 15 N., R. 9 E., adjoining the Rising Sun Mine on the south. It was originally located as the Milford, but no history of it under that name remains. It was relocated in July, 1883, under the present name and was worked until May 7, 1888, when closed by litigation. During this lawsuit, it is said evidence showed that a profit of \$30,000 had been made between 1883 and August, 1887. Little, if any, later work was done until *California Premier Mines Corporation* produced some ore in 1924 and 1925; *Paramount Mines Corporation* also reported some production in 1931. The last ore was reported as yielding an average of nearly 0.6 oz. of gold per ton.

The Big Oak Tree vein is about parallel to and 320 ft. south of the Rising Sun vein and lies between diabase walls with gabbro nearby in the footwall. The strike is N. 80° E. and the dip nearly vertical. The ore is said to have averaged \$28 a ton. An average width of 18 inches is reported, with a width of 10 inches in some of the deeper faces.

There are two shafts, the deeper being 175 ft. on 65° incline, with three levels at 77, 108 and 165 ft. No. 2 and No. 3 levels are each reported to have been driven nearly 500 ft., encountering faults on the east, one of which throws the vein 18 ft. south at about 225 ft. east of the shaft. On the west, the vein turns to the northwest. From No. 3 level, west drift, a winze has been sunk and No. 4 and No. 5 levels turned from it at 223 and 287 ft. A length of about 100 ft. was stoped just east of this winze and up to No. 3 level.

Work has recently been begun on this mine.

Big Pine Mine. (See T. W. A.)

Big Shady Group of six claims and mill-site lie south and west of the Annie Laurie. David Bauer, R. F. D., Colfax, owner. One adit has been run over 300 ft. and another 80 ft. to prospect a ledge which the owner claims has yielded assays of \$3.50 and \$5.85 a ton across a width of 20 ft. There is a 1-drill compressor, and rail and pipe have been laid in one adit.

Black Hawk Mine is on the North Fork of American River, four miles southeast of Towle by trail. As mentioned in the report for 1927, it was reopened in 1927 and equipped with a second-hand mill of 10 stamps. In 1929 and 1930, Black Hawk Quartz Mining Company reported crushing a total of 110 tons of ore. In 1934, several hundred tons more was crushed, and a road was built.

Black Oak Mine. In SW $\frac{1}{4}$ of Sec. 35, T. 14 N., R. 9 E., $\frac{1}{4}$ miles by road southeast of Weimar, on the railroad and state highway. A. J. Rupp had the property under lease for three years past, but recently (June, 1935) lease has been transferred to *Gold Chain Mines Company*, H. B. Palmer, local manager. On July 17 a crew of six men were preparing to resume work at the upper adit and sink a shaft just north of its portal. Other land adjoining on the south for a mile and a half is also reported under lease to this company.*

* This company has lately (1934) given up its lease and Rupp has resumed possession of the Black Oak.

Although mapped as part of the Mariposa (Jurassic) formation, the country rock shows none of the common characteristics of the Mariposa slates in the recent workings (south adit). It resembles the Carboniferous rocks, being hard and imperfectly slaty. Fossil evidence is lacking. The vein swells and pinches, having a maximum width of 18 ft. but closing down to a few inches in places. It strikes about N. 10° W. and dips east at an average angle of 52°. The footwall is a hard dike mineralized with fine-grained disseminated pyrite and traversed by quartz seams.

The vein has been prospected and mined through shallow adits for a length of 1500 ft. On the north end it is said to be faulted 40 ft. by a cross vein. The old lower adit was started just south of this crossing and was run on the vein for 1000 ft. southward. It is claimed that in this distance two ore shoots 600 and 310 ft. long, respectively, and separated by 80 ft. of barren ground, were worked. Although the mine is claimed by the operators to have been an important producer, no official record of the output is available.

The upper or south adit follows the vein 528 ft. farther south, gaining a vertical depth of 130 ft. at the face. Several small stopes have been worked above it, the Moulton ore shoot having been mined to a maximum width of 12 ft. Over one-half of this adit is said to show ore, with the vein having an estimated average width of 4½ ft. Just outside the portal of this adit, is a shaft 23 ft. deep, from which a drift 120 ft. long was run. A crosscut from this near the shaft shows the vein in the form of a stringer lead 18 ft. wide, reported by Rupp to assay \$9 a ton. Another crosscut 38 ft. south is reported to assay \$5.60 across a width of 5½ ft.

There is a 5-stamp mill with one concentrator but if plans are carried out a ball mill and flotation cells will be installed, as over two-thirds of the gold in samples taken near the face of the upper adit is in the sulphide. A limited amount of water for milling comes from the mine and from springs. There is an old style compressor run by an auto engine, a small electric generator set, shop and a few small houses on the property.

Blue Eagle Mine (formerly *June Bug*) is in the E½ of SE¼ of Sec. 18, T. 12 N., R. 8 E., just west of Eclipse Mine. Address, Hall Livingston, R. P. D. 1, Box 25A, Auburn. Being worked by a partnership.

Some of the veins of the Eclipse Mine extend into this ground, but only a little work was done in the past here, yielding about \$1200 from a shallow shaft. The present work is in this shaft, 135 ft. deep on 45° incline. Late in July, 1935, a level had been turned at 120 ft. and the west drift was 50 ft. long. This shaft was sunk on the June Bug vein which strikes south of west and is reported to average 18 in. wide so far, and to give assays of \$10 to \$15 a ton. A north-striking vein is said to yield lower grade material, of which some has been milled by the present operators. So far the gold from this was found entirely associated with sulphides, but free gold is reported in the drift.

A small single-drum hoist is operated by an automobile engine and a water wheel runs the pump. Power for the mill is furnished by a 25-h.p. Fairbanks Morse Y-type engine. A Straub 10-stamp mill and small ball mill crush ore. Two cuts of concentrate, the first and richer

carrying gold, galena and pyrite, and the second a lower grade concentrate, are taken from the Overstrom concentrator. The table tailing passes to two home-made flotation cells, each using a one-third h.p. electric motor.

Bonnie Bee. South of Bear River, and 2½ miles west of north of Blue Canyon. Reported to have three veins, 4, 6, and 12 ft. wide, in the Blue Canyon (Carboniferous) slate. Veins strike northwest and have nearly vertical dips. The canyon permitted prospecting by adits, one reported as being 500 ft. long in 1903. In that year, a small mill was put in operation, and a few hundred tons of low-grade ore was crushed. There was also a small production in 1905, since which time there is no further record of activity.

Centennial Mine on Duncan Hill, two miles southwest of Auburn, is an example of a type common in the district. The vein is about 30 inches wide, in amphibolite schist, but pinches down at intervals. It strikes N. 80° W. and dips 70° south. The ore occurred in small rich shoots, from 2 to 50 ft. long, the formation of which appeared to have been influenced by 'iron crossings,' the miners' term for zones rich in pyrite and chalcopyrite in the amphibolite schist. Ore was mined in 11 or 12 shafts, the deepest 180 ft. After this, adits were run from each end of the claim, one 700 ft. long and the other 900 ft., connecting a few feet apart vertically at one of the shafts. The plan was to mill the entire vein, but this was unsuccessful. The total production was \$150,000 or more. The estimated value of ore in the rich shoots was \$8 to \$12, but the vein as a whole is low grade.

In 1929, some of the rich ore that occurs in places in this vein, was found and stimulated further work. A few hundred tons of ore was milled, but gave low returns, on the average.

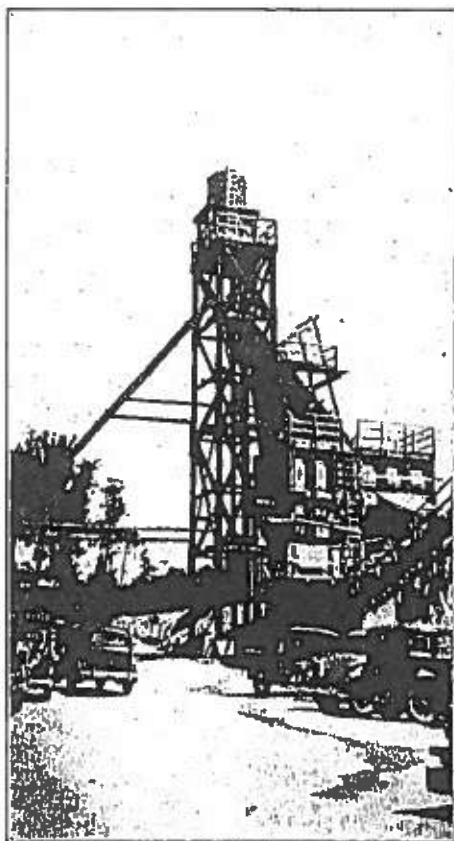
In 1931, *Paramount Gold Mines Corporation, Ltd.*, took this claim and the adjacent Conrad under lease and option to purchase. The plant was placed and most of the work was done on the Conrad, but a crosscut was run to the Centennial. In 1931, the claim was locally credited with the production of a few thousand dollars from a small lot of good ore milled at the Rising Sun mill, near Colfax.

Central Mine. In the canyon of North Fork American River north of the mouth of Humbug Creek seven miles by trail from Towle. The vein strikes northwest in the Blue Canyon (Carboniferous) slates and schists. It was worked in a small way between 1897 and 1903, producing a few thousand tons of ore from an open cut and from stoping above an adit level driven as a crosscut about 140 ft. then drifted on the vein about 200 ft., so far as could be told at time of visit, when caves from the old stope partly blocked the adit. A length of about 75 ft. and from a few inches to 7 ft. thick, had been removed in the stope seen. The ore formed a lens of solid quartz, standing nearly vertical between walls of interlayered grey altered igneous rocks and black slaty schists, typical of the Carboniferous in the Sierra. The walls are hard and stand well, requiring little timber. Ore was reported low-grade.

Lately reported taken over by *American River Mines Company* in connection with the Dorer Mine, adjoining, and nearby placer mining claims.

Chicago Mine. In Secs. 35, 36, T. 12 N., R. 7 E., 1½ miles east of Penryn. Lessee with option to purchase, *Auburn-Chicago Mining Company*, 3443 Wilshire Boulevard, Los Angeles, c/o Auburn Auto Sales Corporation. A. N. Sweet, manager. The *Elizabeth* on the south and *Mary Len* claim on north of Chicago, are also under option.

The Chicago Mine was worked to a depth of 300 ft. in the 1880's.



Head frame, Auburn-Chicago Mine, near Penryn.

The *Elizabeth* was worked in the 1860's and both were producers. No reliable record remained of this work, and even the depth and extent of the mine openings were uncertain. The old Chicago shaft, No. 1, is 430 ft. north of present working shaft called No. 2, which is 110 ft. north of the north line of *Elizabeth* claim. No. 2 shaft is vertical, 405 feet deep, one-compartment and manway. The 110-ft. level has drifts 150 ft. north and 325 ft. south. On the 300-ft. level, drifts were run by this company 420 ft. south and 430 ft. north to No. 1 shaft; thence northward, the old drift was reopened 550 ft. On 400-ft. level drifts 360 ft. south and 430 ft. north. A sub-level at 360 ft. has a short drift and raise to 300-ft. level. From 400-ft. level, two raises reach 300-ft. level, one a little north of No. 1 shaft, the other 175 ft. south of No. 2. A winze has been sunk 100 ft. below the 400-ft. level. Nearly all the work has been directly upon the vein, including the shaft.*

The vein stands nearly vertical and strikes generally about N. 20° W. except where bent or faulted. It ranges from a few inches to 3 ft. wide, but is as a rule between 1 and 2 ft. wide in the ore shoots. The widest parts are reported low-grade and are composed of solid white quartz. There is little gouge and the granodiorite walls are unaltered and hard close up to the vein so that little timber is required. The best ore is reported to have zinchlende in small amount, and galena

* In April, 1936, the 550-ft. level had been run 126 ft. north and 625 ft. south, and A. N. Sweet stated a length of 190 ft. and average thickness of 18 inches gives good assays.

and pyrite are common, though the total average sulphide content is small, well under 1%. About 40% of gold has in the past been saved in the concentrate. The average yield of ore during the first year of milling was nearly \$17 a ton. Average assay widths ranging from 1.1 ft. to 1.85 ft. show wide variations in gold content but general high averages. The vein in the winze, sunk 100 ft. below the 400-ft. level, is reported to show an average width of 1.85 ft., an average assay of 1.38 oz. gold, and a block of ore stoped from it 32 ft. long by 100 ft. deep is claimed to have yielded one-half ounce gold per ton.

On the south, a fault cuts off the ore about 220 ft. from the shaft on the 400 ft. level. The south part of vein is set over some 7 ft. horizontally to the west, looking south. On the 300-ft. level south a fault of more pronounced character appears to be associated with a change of the wall rock from granodiorite toward gabbro, with a black gouge. Secret Ravine probably follows the surface trace of this faulting. Gabbro outcrops about one mile southeast of the mine. There are a number of other flexures in the vein, and the small bodies of higher grade ore are quite possibly associated with obscure sheeted or shear zones in the wall rocks.

Hoisting is done in buckets by a 25-h.p. electric hoist. Separate chutes receive ore and waste. From the grizzly, undersize goes to a bin and oversize to a 9 in. by 16 in. jaw crusher. A 4½ ft. by 6 ft. ball mill has replaced the rod mill formerly used. Pulp from it passes to a concentrating table, where a high cut is made for amalgamation. A classifier takes the table reject and delivers fines to five flotation cells, returning coarse to the mill. Flotation concentrate and tailing from the clean-up barrel are sent to a smelter. The capacity of mill is about 65 tons a day and 65% to 70% of the gold recovered is saved by amalgamation.

Conrad Mine. The claim covers about 1200 ft. along the vein, and like the Centennial was worked at times from 1868 to 1890. The vein dips 40° to 50° south and is parallel to the Centennial. It averages about 2 ft. wide but pinches down at places. It lies between amphibolite walls.

The mine has been worked through a tunnel 784 ft. long (180 ft. below outcrop) which is open all the way, and shafts have been sunk from the surface and raises put up from tunnel level wherever pay was found. There is a winze about 60 ft. below tunnel level, but it is said to be off the pay shoot. The largest pay chimney was found 30 ft. above the tunnel and yielded \$15,000. The property is credited with about \$50,000 production.

The ore resembles that in the Booth more than the Centennial, and is said to run from \$4 to \$8 a ton away from the rich chimneys.

In 1931, this and the adjacent Centennial claim were taken under lease and option by *Paramount Gold Mines Corporation, Limited*. A shaft was sunk on the Conrad claim. This was 225 ft. deep on an inclination of 45°, at time of visit. It was later reported to have been sunk to 300 ft. It crosses the old adit at 125 ft. inclined depth.

The mine plant includes a wooden headframe, single drum hoist with electric motor, air compressor and 100-h.p. electric motor, and drill

sharpener. The milling plant comprises a Chilean mill of 40 to 50 tons capacity, 40-h.p. motor, small gyratory crusher and motor, and three amalgamating plates. Very little ore was crushed.

John K. Wright is reported to be in charge of these claims since the death of E. C. Klinker, former president of the company.

Crater Hill Mine was one of the principal producers of the Ophir district. Although at times credited with a total yield of \$750,000 the writer has been able to find definite figures for only a little over half as much. It was actively worked in the 1870's by *St. Patrick Mining Company*, with a gross output of \$146,394 from 1878 to 1875, inclusive. Again in the early 1880's there was considerable production. The mine was closed down in 1884, after the workings had reached a depth of 800 ft. All ore found had been stoped out from the 800 ft. level to the surface. In 1907, W. P. Hunmon began unwatering the mine and spent considerable time in exploring the old workings, but is said to have done little new work, except running a crosscut 180 ft. on the 800 ft. level, and drifting ahead a few feet from some of the old faces. A 10-stamp mill was erected, but had crushed less than 2000 tons of ore when the property was closed in 1910 and has been idle since. The underground work extended for a maximum length of 700 to 800 ft. on the strike of vein, and stoping was done principally on the east of the shaft after passing below the 300-ft. level. The principal or hanging wall vein lies between granodiorite walls, strikes nearly east and dips 45° south. J. H. Crossman, the superintendent for the *St. Patrick Mining Company* during the mining down to the 800-ft. level, described it as having an average width of 20 inches; but the width varies from a few inches to 3½ ft. in places. The principal ore shoot was triangular in vertical section, increasing in slope length from 40 ft. near the surface to 203 ft. at a depth of 212 ft., and much longer at 312 ft., where the vein was reported 2½ ft. thick. The ore raked east at about 45°.

At the surface the footwall ledge lay 32 feet north of the hanging wall vein and was reported to have been of good grade when worked in early days; no details remain to indicate much later work on it. There are a number of other veins and stringers upon the property, but none of these is known to have been productive, except on and near the surface which was extensively mined in the early days. The two productive veins were connected in Crossman's time by a crosscut at the 150 ft. level, and a shaft on the footwall ledge was used for pumping, there being steam engines at both shafts, 135 ft. apart, supplied from one boiler. The footwall vein supplied some ore that yielded \$19.13 a ton, while the hanging wall vein gave \$31.52 in gold a ton in the upper levels. Sulphide apparently carried about \$100 a ton and formed about 4% of ore. Of this gold content, about 60% was saved by working in pans.

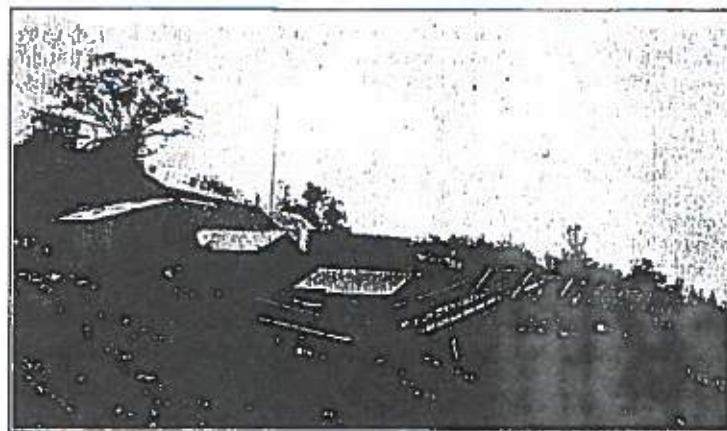
Daniel Webster Mine is 1½ miles northwest of Michigan Bluff. It was worked 30 to 35 years ago, yielding small amounts of gold from shallow workings. The veins occur on a placer mining patent, and some seam mining was done. Later, Daniel Webster Mining Company produced a little quartz gold (1921-1922). From 1931 to 1933, *Black Bear Consolidated Mining Company* had a lease on the ground and reported producing about \$4000.

Dairy Farm Mine. Dairy Farm Gold Corporation, Box 326, Lincoln, California. M. C. Lake, president. E. R. Hathaway, superintendent.

This was one of the gossan-capped mines of the foothill copper belt which was first worked for the gold and silver found in the oxidized



Open-pit mining of gold-bearing gossan ore at Dairy Farm Mine, 1935.



Surface plant at Dairy Farm Mine, near Sheridan, 1936. The cyanide equipment has recently been removed.

zone. It is in the S½ of Sec. 27, T. 14 N., R. 6 E., 8 miles northeast of Sheridan. The above company had a lease and option on 77 acres.

From 1904 to 1906 inclusive and from 1913 to 1918, this mine produced considerable copper, gold and silver. In the later years the

Eclipse Mine. In NW $\frac{1}{4}$ Sec. 17, T. 12 N., R. 8 E., one-half mile northeast of Ophir. Lessee, *Grimshaw Properties Company*, R. F. D. 1, Box 22, Auburn. V. A. Van Horn in charge.

This mine was a producer from the early 1880's at intervals until 1906. From 1889 to 1906 the recorded output was about \$60,000. The record of earlier yield is not available, though rich ore is said to have come from the Morning Star vein on or near the south line in 1882 or 1883, and the Eclipse claim is mentioned as having been officially surveyed in 1872, covering a length of 2475 ft.

Seven or eight veins or spurs have been mapped by Lindgren on this property. They strike generally a little north of east and dip south usually 30° to 45°, except the Morning Star vein which strikes nearly north and dips east, up to the Good Easter or Eclipse vein. The walls of these veins are both granodiorite, with a streak of soft schist on the hanging wall which had to be removed in mining the two veins named.

The old shaft is 530 ft. deep on 45° incline, with levels called 200-, 300-, 400- and 500-ft. Down to the 300-ft. level the ore has been stoped over a reported length of 750 ft. The Morning Star vein is reported to have been the principal one worked. It is said to strike the Eclipse vein about the 300-ft. level, and to lie on its hangingwall to about 350 ft. deep. Below there, the Eclipse vein steepens and the two are 40 ft. apart at 400-ft. level. The later workings include 520 ft. of drifting on Morning Star vein, a 40-ft. crosscut and 150 ft. of drifts on Eclipse vein on 400-ft. level, a drift 90 ft. east on Morning Star vein on 500-ft. level, a 70-ft. raise from 400-ft. to 300-ft. level about 400 ft. east of shaft, and two small stopes. One of these about 40 by 40 ft. and extending from 350 ft. deep to within 10 ft. of 300-ft. level, and one about 50 ft. high above the 400-ft. level are the deepest. The vein is reported to be narrow and disturbed between the 400- and 300-ft. levels. The veins vary in width from 6 ft. down to a few inches.

On the 500-ft. level the gold is said to be nearly all in the sulphides, which are pyrite, galena, and argentite and form up to 2% of ore, according to V. A. Van Horn, who was in charge of unwatering and prospecting the mine in 1933. Old stopes were found as much as 16 ft. wide. The ore carries up to 9 oz. silver per ton and gold fineness is 664 to 671. In 1902 the average yield per ton was \$7.54.

The surface plant comprises a hoist with a depth capacity of 1000 ft., run by an automobile engine; Gardner compressor (one drill capacity, with a 20-h.p. electric motor; a 10-stamp Stramb mill said to have a daily capacity of 9 tons, taking one-half to three-fourths in. feed, and run by a 7½-h.p. electric motor, and one concentrator. The mine was idle when visited July 27, 1935.

Elizabeth Mine. Adjoins Chicago Mine, east of Penryn, and under lease to same company. The Chicago shaft No. 2, through which operations are now going on, is only 110 ft. from the Elizabeth north line, so that the south drifts are in the Elizabeth ground.

In addition, work was done upon this claim in the 1880's when a shaft is reported to have been sunk 120 ft. deep and drifting produced ore which was crushed in a 5-stamp mill, giving a reported yield of \$15 a ton.

Ferrier Diggings (Johnny Rufael Mine). In G. Embree, Forest Hill, lessee in 1935. This is the next claim north of the Garbe & de Maria, on Lady Canyon on the steep north side of the canyon of Middle Fork of American River. Like the latter, it has been a producer of specimen ore, some production having been reported nearly every year since 1919, besides that previously taken out by Ferrier.

The principal production was made by Andrew Ferrier, the discoverer, who is reported to have taken out a small fortune from the claim when he traced the source of gold-bearing clay used by neighboring miners in building a forge.

Garbe & de Maria Mine (Dry Hill, Blue Jay). On Lady Canyon on the steep north side of the Canyon of Middle Fork of American River. For many years this mine has been noted for occasional 'pockets' of coarse crystallized gold. At the time of visit, the workings consisted of a network of crooked drifts in the oxidized zone, on a flat seam dipping east about 15° in rock too badly decomposed to classify but probably originally intrusive in the rocks of the Carboniferous series near the serpentine contact. The operators professed to be at a loss to recognize any sure signs of 'pay.' The gold is said to occur at times either with or without manganese oxides or iron oxides; at times with quartz and again in mud-filled seams almost devoid of it. A few years ago a small stamp-mill was put on the mine to crush accumulated quartz.

Gold Blossom Mine. One of the more important of the former producers in Ophir district, and frequently described in past reports. It was among the holdings of the *St. Patrick Mining Company* in 1873 when a shaft upon it was 70 ft. deep and ore yielding \$7.50 a ton was reported. By 1890, the shaft was 218 ft. deep, and the Gold Blossom and Marion lodes were being worked, supplying ore to a 10-stamp mill. The ore was reported as containing, besides free gold, a "large percentage of argentiferous galena, zincblende and pyrites containing copper, iron and arsenic." Concentrate at the time was saved on canvas blankets, and cleaned on a Frue concentrator. Some sorted sulphide ore was shipped. Assays of some shipments of concentrate showed from \$17.55 to \$255.00 gold and from \$57.04 to \$75.52 silver a ton (silver \$1.18 an oz.).

The principal period of recorded production was between 1896 and 1899 inclusive, when over \$200,000 was produced. Although the tonnage was not definitely reported, it has been claimed that the ore milled yielded about \$8 a ton, but that remaining in the mine was of much lower grade. Most of the production appears to have come from above the 400 ft. level. The main shaft was sunk 480 ft. by 1907 and little has been done since.

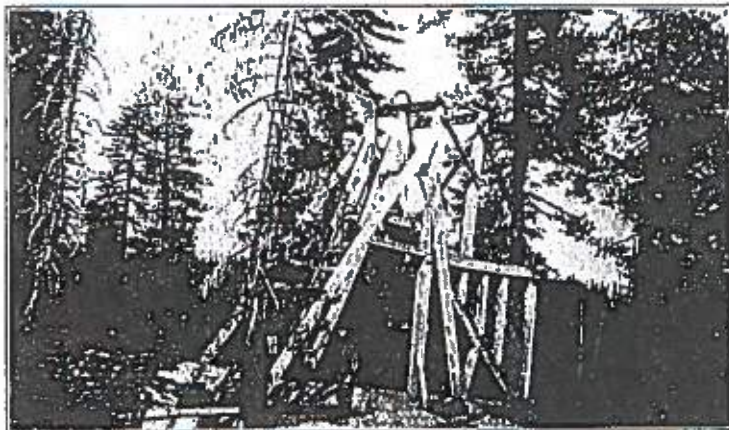
The Gold Blossom vein strikes a little north of west and dips south 70° to 85°, being traceable for a mile westward to its junction with the Marion spur vein, and beyond this for another half mile through the Ohio, Trio and Pacific quartz can be traced. Most of the work was done on the two veins near their junction on the westerly Gold Blossom claim, although many shallow holes have been sunk along the outcrop, and one tunnel produced ore. The vein is 2 to 3 ft. thick. The country

rock is granodiorite, with a dike of diorite on the hanging wall of the Gold Blossom vein and a dike of amphibolite schist on the Marion vein.

Two mills, the last of 20 stamps, were operated on the Gold Blossom. This mill and some buildings remain at the main vertical shaft but are in poor shape.

Gold Dike Mine. H. H. Marsh, owner, 415 Mill Street, Grass Valley. John D. Leedy, lessee, 3816 Eastern Avenue, Seattle. Four quartz locations in lots 21 and 22, Sec. 5, T. 15 N., R. 13 E., in Canada Hill district 10 miles from Westville. Elevation is about 6300 ft.

The country-rock is the Blue Canyon formation (Carboniferous) showing in the vicinity quartzite and some slate with greenstone dikes. The work in the shaft, which was 108 ft. deep early in August, 1935, on a vein dipping 58° west, was just entering unoxidized rock showing splashes of pyrite and galena. The vein, as shown both in surface cuts and underground, is lenticular. The shaft was sunk on one of these



Gold Dike Mine, Canada Hill District.

quartz lenses on Gold Dike No. 1 claim. It showed an average width of about 18 inches of quartz. A level was run from the bottom of shaft 50 ft. south and 40 ft. north and both faces showed the quartz pinched, but the continuity of the vein is indicated on the surface by another outcrop starting about 500 ft. from the shaft and extending some 200 ft. southwest with a width up to 3 ft. exposed in open cuts. In the level the quartz varies in strike from N. 37° E. to N. 10° W., probably due to the entry of a dike from the west side with a strike of N. 60° W.

Ore taken out in sinking the first 50 ft. of shaft was hauled to custom mills in Auburn and Nevada City in 1933, yielding a maximum of \$72 a ton and an average of \$34. The claims cover a length of over 3000 ft. Gold Dike claim, on the southeast side line of Gold Dike No. 1, has some pits showing bunches of quartz.

The shaft has a hoist operated by a 4-h.p. gasoline engine. Two men were working in August, 1935.

Late in 1935, some ore taken out during the summer was being crushed in the mill on the near-by Beauty Mine.

Golden West. This is near the North Fork of North Fork American River, about three miles south of Blue Canyon. The prospecting work which was done 35 years ago on a wide body of Blue Canyon (Carboniferous) slate carrying quartz stringers, is said to have included two adits and a shaft 100 ft. deep. No record remains of the results. One adit is reported to have been run 1500 ft.

Grass Ravine and Workman veins are in the extreme western part of Ophir district, in the SW $\frac{1}{4}$ of NW $\frac{1}{4}$ of Sec. 12, T. 12 N., R. 7 E. The former is about in the line of strike of the Crater Hill veins, and the latter, to the south, is nearly parallel to the Gold Blossom vein series. Both dip south and lie in granodiorite.

The Grass Ravine Mine in 1900 had a shaft which was then reported 325 ft. deep. A mill-run of 150 tons was reported to have been made from this property in 1899 at the St. Lawrence mill but the results of this run were not shown in the year's production records, and the mine name does not appear in any available mint records as a producer.

The Workman is credited with about \$6000 production in 1895 and 1896.

The Grass Ravine is being reopened in 1936 by *South Star Development Company*. Early in April a depth of 150 ft. had been reopened in the old shaft.

Green Mine, three-fourths mile northeast of Ophir, is on a vein striking north of west in amphibolite schist. It is from 6 inches to 3 ft. thick, and dips south 45° to 70°. This mine was a producer of very rich ore in small amounts in the 1870's. In 1871 a small crushing plant treated some lots of a few tons of ore each, which yielded from \$50 to \$1,100 a ton. It was reported locally that a 2-weeks run at that time with four stamps gave a total of nearly \$50,000. The shaft was sunk to 240 ft. and nothing further was recorded about it after 1873. Most of the amount mentioned came from above the 125-ft. level.

Green Emigrant Mine. This old pocket mine, which was famous in early days, is $\frac{1}{4}$ miles north of Auburn and one-half mile west of Grass Valley highway. It was found by Pike Bell on New Year Eve, 1864. Secrecy was maintained regarding its production, and no reliable contemporary record of the output existed, but Bell's son advised the writer that it had yielded \$150,000.

The vein, striking northwest and dipping east in amphibolite schist, occurred as flat stringers of quartz, but on the west on a hill 6 ft. of quartz outcrops. Caved ground and old tunnel portals indicate that several crosscuts and short drifts were run on the stringers. A depth of only 25 to 30 ft. was reached. A length of over 1500 ft. was prospected and mined by shallow cuts and shafts. Pay is said to have been best where "iron crossings" and limestone met the vein.

The *Two Orphans* prospect on the north, opened deeper, showed auriferous pyrite and chalcopyrite and galena. The *Black Lead*, a former producer, lies nearby to the south.

Hathaway (Buttes or Butts) Mine. In Ophir district, one-half mile southwest of the old town of Ophir. The first record of operations was published in 1888, when it was said that 1500 tons of ore had been milled, yielding about \$8 a ton in free gold, besides an unstated amount in the sulphides. The ore shoot outcropped at the surface for a length of over 1200 ft. with a reported width of 4 ft. Besides the shallow workings there was a shaft 210 ft. deep with a lower level. The 5-stamp mill was increased to 20 stamps in 1888, and in 1889 a large yield was reported from the tunnel operations which tapped the upper ore, as well as from the level about 200 ft. deep, where stoping extended over a length of about 700 ft. The record for the next several years is only fragmentary. Yearly production was reported from 1895 to 1903, inclusive, after which time the mine does not appear as a producer. In 1900, when the shaft was 630 ft. deep, the *Standard Mining Company of Bodie* was furnishing capital for the operations of Hathaway Consolidated Gold Mining Company which held under option the Plantz, Jacobson, Kirkland, Hathaway, Butts Extension and Eureka claims, covering 6756 ft. on the Hathaway vein. This company deepened the shaft to 837 ft. on the incline in 1902, and over 5000 ft. of drifts were run, but details of their work are lacking, although some stoping was done as far down as the 720-ft. level.

The Hathaway vein has been traced at least 8000 ft. It strikes north of west and dips 60° to 75° south, lying in granodiorite. Sheets of altered igneous rock, now amphibolite schist, accompany the vein at the Hathaway mine workings, and at the Kirkland. The vein is 1½ to 2 ft. thick in most places. It carries considerable silver, and the percentage of sulphide is 1½ to 2%. The concentrate saved in the earlier operations yielded as much as \$230 a ton. Besides pyrite and galena, there were also sulphides of zinc, copper and arsenic reported. Gold was more evenly distributed in this vein, it is said, than in most of those in the district.

Besides the work on the Hathaway claim, a shaft on the Eureka No. 1 claim is reported 280 ft. deep, with levels at 130 and 280 ft. This is on the Hathaway vein west of the Hathaway, in Sec. 13. On the east, the Kirkland claim was worked years ago through a shaft reported 200 ft. deep, but concerning which nothing is recorded. The Eureka No. 1 produced a few thousand dollars in 1902-1903, and was prospected a little in 1915. The last work on the Hathaway was in 1915 when the unwatering of the shaft was started but never completed. All the old plant was removed years ago.

Herman Mine, five miles south of Westville on the road to Deadwood, has been described in our older reports. It was a producer from 1895 annually until 1902, and irregularly from 1903 to 1915. The total reported yield was over \$200,000 and from such tonnage figures as are available for the later years, the ore produced \$4 to \$4.50 a ton. The equipment was operated by steam power using wood fuel. Thirty stamps were used in later work.

In 1935 the 1448 acres in the holdings were reported as having been sold to James Maxfield and associates, 2619 Wilshire Boulevard, Los Angeles. In August, 21 men were employed and a cook house and club house were being built. It was planned to use steam to generate

electric power and a generator was being installed. A large storage tank for fuel oil was proposed. Little work was being done in the mine. Arthur Seafang, manager.

La Trinidad (Starratt) Mine. In Sailor Canyon south of North Fork of American River, 15 miles by trail from Cisco. The vein occurs in the Sailor Canyon formation, composed of calcareous slates which have been classified as of the same age as the Mariposa (Jurassic) slates. Granite is reported on the hanging wall side. This vein strikes northwest and dips about 45° NE., varying in width from 2 to 8 ft. Most of the oxidized ore was stoped between 1897 and 1905 through an adit reported to have been run over 1700 ft., of which 900 ft. was on the vein. The sulphide ore remaining shows antimony, pyrite, chalcopyrite and arsenopyrite besides some gold and silver. The 10-stamp mill used to crush the oxidized ore gave low returns in the last two years of work on the unoxidized rock. Later stock companies made little progress and no work has been done recently. The stamp mill was wrecked by a snowslide, and although work was started to rebuild it, this was not completed.

Live Oak Mine. In SW¼ Sec. 23, T. 14 N., R. 9 E., three-fourths mile from State Highway east of Weimar. Owner, Geisendorfer Estate. Lessees, Jones and Slayden.

The lessees are prospecting on a limited scale, doing the work themselves in a winze which is said to be giving good assays from a stringer. An old shaft is reported 175 ft. deep.

Lost Emigrant Mine. This mine, first found in pioneer days and re-discovered in 1896 after a five years' search, is in the high mountains 12 miles by road southwest of Soda Springs station. The first production was made in 1901 and a few thousand dollars was produced annually until 1905; again in 1909 the mine was active, and a tonnage greater than all previously worked was milled, but it proved to be much lower grade than the ore taken out near the surface. No more work was done until 1933. Since then a 10-stamp mill has been erected, but could not be operated because of water shortage in 1934. In the summer of 1934 old mill tailing left from past operations was cyanided. In July, 1935, the sale of the eight claims to Lost Emigrant Gold Mining Company was reported. This is a Delaware corporation. Sanborn H. Smith, agent, 68 Post Street, San Francisco.

The vein which has been worked the most is in diabase porphyrite, and varies in width from 1 ft. at the surface to 4 ft. on the 300-ft. level. It has been prospected to an inclined depth of 500 ft. with short levels at 65, 200, 300 and 500 ft. Some of the oxidized ore from the vein was of very good grade, yielding 2 to 3 oz. gold per ton, but with increased depth the gold recovery dropped and pyrite became more plentiful.

Merz Mine. Six quartz locations in Sec. 4, T. 15 N., R. 13 E., near the head of Antone Canyon. A. Merz, W. Wardell and L. Schmitt. These claims were located in May, 1934. A shaft had been sunk 40 ft. early in August, 1935. There is a new headframe with 40-ton bin and a hoist and small compressor operated by automobile engines, on No. 1 claim. Good assays are reported from the shaft where the hanging wall vein of banded quartz is 8 inches wide, and is separated from

footwall vein by 10 ft. of dike rock heavily impregnated with coarse pyrite. The veins strike N. 40° E. and N. 27° E. respectively, in the Blue Canyon formation. No drifting had been done at time of visit.

Mina Rica (Patented in part as *Daylight claim*). This old mine, a mile north of east from Ophir, is on a vein striking northeast in amphibolite schist. Originally, it was 400 by 2700 ft. in area, on a vein one to two ft. wide, traceable for 1000 ft. It was located in 1865 and the surface quartz, and ore taken out 6 to 8 ft. deep, is said to have given "highly remunerative results"; but no definite record remains of this. In 1873, a shaft that had been sunk 60 ft. was said to have yielded \$15,000. Another shaft was sunk, finally reaching a depth of 275 ft. in 1882 and three levels were run, from which a maximum length of 400 ft. was drifted, and an unknown amount of ore was taken. The mine was again productive from 1891 to 1896, with a 10-stamp mill. During these later operations, over \$40,000 was produced. No record of the workings from which this ore came was kept in reports made during that period, but later notes indicate a depth of only 150 ft. was reached.

Monarch (Gratz Brothers) Mine. In Secs. 14 or 11, T. 13 N., R. 9 E., two miles southwest of Spring Garden, on east side of canyon of North Fork American River. A. D. Hadsell and sons tried out on this property the first Hadsell mill in 1931. It had a wheel 16 ft. in diameter and was operated by a 20 h.p. engine at about twice the speed later used at the Beebe Mine.

The deposit worked is a wide, oxidized body probably similar in character to the Annie Laurie, but too much decomposed at the point where work was going on to permit an accurate classification.

Moura Mine. Near Auburn Ravine, one-fourth mile south of the Conrad Mine. The vein strikes east, crossing the contact of granodiorite and amphibolite. The dip is 55° south and average width 10 inches. The vein was 'pockety.' It was explored by an inclined shaft 480 ft. long sunk in the ore shoot, giving about 200 ft. vertical depth, and drifts were run about 80 ft. east of shaft. It is reported to have been stoped out to an inclined depth of 440 ft. and length of 80 ft. Work continued until 1898. The total yield, according to Ira Tharp, formerly a part owner, was \$180,000. The gold was principally free, and much of it carried enough silver to be classed as electrum.

Ophir District.

The quartz veins near Ophir and on Duncan Hill were discovered and worked superficially soon after placer mining started. Under the miners' rules, a quartz claim in Lone Star district could not be over 200 ft. long by 600 ft. wide. The veins that had supplied gold to Auburn Ravine and other streams in the region were worked only in a small way and by 1867 the Julian or Schnabel Mine, with a shaft 105 ft. deep, was the deepest in that section. Many rich strikes had been made at or near the surface. The Green Emigrant, north of Auburn in Rock Creek district had been the most sensational, with a reported yield of \$100,000 in 1867.

Mining on a more pretentious scale began about 1871. In that year the *St. Patrick Mining Company* had a shaft 220 ft. deep. There

had already been produced from their property \$75,000 from a 'pocket.' In 1871, a crushing of 194 tons yielded about \$11,000. The Green Mine, one-half mile east of the St. Patrick (and not to be confused with the Green Emigrant) produced the same year, with four stamps in a run of two weeks, nearly \$50,000; one lot of 12 tons yielded \$15,000. The Bellevue (in late years part of the Oro Fina) in 1872, was said to have yielded in all about 600 tons of an average value of \$30 a ton. Crater Mine had a shaft 130 ft. deep on a vein reported to average 12 inches wide yielding \$50 a ton. The Julian had four shafts, one 230 ft. deep, with a vein reported 20 inches thick, yielding \$6 a ton in free gold. The *St. Patrick Mining and Milling Company* grew into a consolidation covering 14 ledges. For their fiscal year of 1873 this company crushed 3149 tons which yielded about \$20 a ton. From the Crater Mine, where they found an ore shoot 203 ft. long at the 212 ft. level, they took that year 1535 tons of ore which yielded \$31.52 a ton, the vein averaging 20 inches wide. They also worked the Spanish and Gold Blossom. In all, 18 mines were reported as producing in Ophir district in 1873. Veins varied in average width from 8 to 36 inches. The deepest shaft was 320 ft. A total of 59 stamps, crushing 1½ to 2 tons each daily, were in operation. Wheeler pans were used to regrind concentrate.

In spite of such a favorable beginning, most of these mines did not continue long in operation at the time, though some of them later became producers. The Crater Mine produced \$73,951.66 down to the 300-ft. level in the year ended October 30, 1875. Work was resumed on the Gold Blossom in 1881, and in 1883 a 10-stamp mill and a roasting furnace were erected. The same year the shaft of the Crater Mine reached a depth of 800 ft. and a production of \$225,000 was reported from it. It was stoped out to the 800-ft. level and work stopped in 1884. If the total production of \$750,000 credited to this mine (for half of which no official record is available) is correct, it was the largest producer of the district.

Little more was heard from the district until 1888 when the Butts or Hathaway and the St. Lawrence mines were worked. From 1889 to 1934 inclusive, the mines of the Ophir district made a total recorded production of \$1,882,000. The total production of the district, if allowance is made for the many small lots of rich ore mined in early days, of which no definite record remains, must have been close to \$3,000,000. Although there has been some production every year since 1889, the amount has fluctuated greatly, the annual output having exceeded \$100,000 only in 1889, 1896 to 1898 inclusive, 1902, 1904 and 1916. Since 1921, when the Oro Fina Mine was closed after reaching a depth of 800 ft. with a production of \$430,000, there has been no work of importance in the district.

Production of principal mines in Ophir district.

Except where noted, these figures are for period 1888-1934.

Bellevue and Oro Fina	\$503,274 (includes \$18,000 before 1872)
Crater ¹	383,000 (1873-1910, inclusive)
Gold Blossom	216,741
Hathaway	336,994
St. Patrick	148,980 (to and including 1873)
Three Stars	415,000

¹This is the amount for which definite figures are available, and is only one-half the amount locally credited to the mine.

Other mines, for which complete production figures are not available, but which yielded substantial sums, are the Eclipse, Mina Rica, Green, St. Lawrence, Conrad, Centennial, Moore and Julian.

Oro Fina Mine. This mine, the last important producer worked in Ophir district, was a consolidation of claims, some of which had been worked in the earliest days of the camp. It included Bullion, Bullion No. 1 and No. 2, Golden Eagle, Bellevue, Last Chance, Buckeye, California, Smiths Extension and other claims, covering 96 acres in all. Of some of the veins on these claims, it was said in 1871 that they

"used to be worked by shafts from 30 to 50 ft. deep or until water or hard rock was reached; then the shaft would be abandoned and another sunk. In that way it was prospected or worked for about 1600 ft. to the depth stated; the ore taken out paying from 30 to 100 ounces per ton by arrastra reduction."

Little more was heard of them until about 1899, when the Bellevue became a producer and continued active until 1911. Oro Fina Mining Company took the property in 1913. A new mill was erected and a new shaft was sunk. Work continued until January, 1922. This company produced about \$430,000 and the total output of the claims, so far as can be learned, has been over \$500,000.

The main vein strikes north of west, and dips 65° south. The Oro Fina Mining Company controlled about 4500 ft. on the strike. The walls were amphibolite schist to a depth between 600 and 700 ft. on the dip, on the west side of the shaft, where granodiorite was found. Work had not gone far enough to prove whether this was the main batholith underlying the amphibolite, or a dike. The new shaft on Bullion No. 1 claim was sunk to a depth of 860 ft. on an angle of 72° in the hanging wall. It connects on the 300-ft. level with the Bellevue shaft, 312 ft. deep. From 200 to 800 ft. inclined depth, levels were 100 ft. apart. Two ore shoots, one on each side of the shaft, were worked. That on the west was about 150 ft. long and the vein was apparently not cut off at the granodiorite contact, where it had a width of 16 inches. On the east the ore was stoped for a length of 250 ft., and raked away from the shaft. The vein occurred as lenticular quartz bodies, seldom over 2 ft. wide, and the walls were hard with little gouge. The average grade of ore in the later operations was nearly \$8 a ton (at the old gold price), although specimen ore sometimes was found, one body yielding \$90,000. Levels were run as follows:

- No. 2—1080 ft. east, 130 ft. west
- No. 3—1400 ft. east, 800 ft. west
- No. 4—1250 ft. east, 200 ft. west
- No. 5—300 ft. east, 500 ft. west
- No. 6—900 ft. east
- No. 7—100 ft. east at time of last visit, but was run farther before closing.
- No. 8—200 ft. east.

Unlike many mines in the district, the ore here carried most of the gold in the free state. The sulphide, principally pyrite, with some galena, formed 1% to 1½% of ore and carried \$60 to \$75 a ton in gold and \$4 to \$8 a ton in silver. Ore was milled with 10 stamps of 1000 lb. each and two Deister concentrators saved sulphides. The cost of operation ranged from \$5.55 to \$7.85 a ton.

The present operators have formed the Oro Fina Consolidated Mines. In April, 1936, the shaft had been dewatered and underground prospecting had been started.

Orpheum Mining Company (Kittler Consolidated). In Ophir district, adjoining the St. Lawrence on the west. It was worked in early days by a shaft 150 ft. deep and an adit, and a small production was made. In 1909, Orpheum Mining Company began reopening it. A 5-stamp mill was erected that year and later was increased to 10 stamps. The mine was operated several years and produced a few thousand tons of ore which yielded from \$6 to \$7 a ton, with about 1½% concentrate which was low in gold content, and relatively high in silver. No details of the underground conditions are to be had as the property has been closed for over 20 years. A depth of 300 ft. or more was reached.

Paragon Prospect. At different times, two quartz veins have been found in the adits run at the Paragon placer mine at Bath, for drift mining. One was struck in the Golden Gate adit about 300 ft. from the portal. Another occurs in the Paragon tunnel 480 ft. from the portal, and work was done on this in 1931 and 1932. When visited in July, 1932, a winze had been sunk upon this vein to a depth of 50 ft. It showed a width of 6 inches to 1 ft. and was claimed to give good assays. It strikes N. 45° W. and dips 48° NE. The adit at this place is only about 6 ft. below the bedrock of the old hydraulic pit.

A small mill containing two stamps, one Willley concentrator and a rock-breaker was erected outside the adit and a little ore was crushed, but work stopped in a short time. A small air compressor was in use, and power was furnished by gasoline engines.

Penryn Gold Mines Company. William Anderson, manager, Box 155, Auburn. Home office, 515 Standard Stock Exchange Building, Spokane, Washington.

This company has lately begun sinking a vertical shaft in the footwall of a vein on the Sakui ranch north of the holdings of the Alabama California company. Late in July, 1935, the shaft was 60 ft. deep, with five men employed. It is planned to sink to 200 ft. before drifting. A vein 2½ to 4 ft. wide is reported to have given good assays, with possibilities of a good ore shoot indicated. It is believed to be on the northward extension of the Alabama vein.

Between this and the Alabama mine there is about 1500 ft. in length across the Swesey ranch controlled by the Alabama California Gold Mines Company which is reported to have been leased recently to the Alabama Extension company.

Early in April, 1936, the shaft of Penryn Gold Mines Company had reached a depth of 200 ft.

Pioneer Mine. This is the deepest and most extensively worked quartz mine in the county. In total gold production, it ranks second in the county. It lies on the steep south slope of the canyon of American River, five miles south of Towle by trail, or it may be reached by road from Forest Hill. It is an old mine, part of it having been worked from 1854 to 1862. It lay idle then until 1880. Some parts of the first mill, built in the 1850's, are still to be seen. In 1889, a 20-

stamp mill was built by James G. Fair and A. E. Davis and active work went on for many years. In 1895 Pioneer Gold Mining Company took the mine over, and reported net operating income until 1900, when the visible ore of good grade appears to have been worked out. Little more was done until 1911, when production was resumed on lower grade rock. In 1922, the last year of mill operation, the yield per ton was the best realized since reopening. For several years, prospecting has been done on a small scale.

The total production of the mine since 1889 has been over \$900,000 of which the larger part was produced before 1900. The writer has no record of the yield before 1889. In 1897 and 1898, Pioneer Gold Mining Company gave out reports indicating average yield varying from \$9 to \$21.77 a ton. The tonnage handled was small, due to a limited water supply for power; in the most favorable season, less than 1000 tons was milled monthly with a crew of 40 to 50 men. This better grade of ore, which permitted payment of some dividends on the \$1,000,000 of capital stock came from between the 500- and 1000-ft. levels (the latter being No. 4 adit) where the vein often reached 5½ ft. in thickness.

Of the two developed veins, called the Lynn and the Pioneer, the Lynn has been the principal producer and most of the work has been done upon it. This vein strikes N. 32° W. and dips 70° NE. It follows a strong dike most of the way and is from 1 to 10 ft. wide, but averages 4 ft. or more in most places and is composed of good-looking ribbon rock. It occurs in the Blue Canyon (Carboniferous) formation, having a hard black slate footwall and gray slate and slaty schist hanging wall.

No. 3 crosscut adit cuts the Pioneer vein at a distance of 390 ft. and the Lynn vein at 1400 ft. from the portal, and at a depth of 700 ft., and follows the latter 2525 ft. No. 7, 525 ft. below No. 3, is a crosscut 2800 ft. long to the Lynn vein and is drifted on that vein for 1475 ft. A winze was sunk 242 ft. below No. 7 adit, showing the vein to be 2 to 9½ ft. wide on the bottom level, where it was drifted 225 ft. In all, 13 levels were run. Between No. 3 and No. 4 levels, the vein was stoped nearly continuously for about 1200 ft. The North Lynn stope was 300 ft. high by 700 ft. long, and 1 to 4 ft. in thickness was stoped. The Lynn stope was 325 ft. by 450 ft. by 1 to 6 ft. In later years, stoping extended for a length of about 200 ft. between No. 5 and No. 4. Some stoping was done from the 80-ft. level of the winze workings for a length of 250 ft. to 50 ft. above No. 7, and this is about all the mining done below No. 5 level. There are a number of blocks of the Lynn vein about No. 7 level that offer possibilities, and good prospects are claimed elsewhere on the holdings, which embrace several hundred acres. The Lynn vein has been opened to a depth of 1440 ft. but the Pioneer vein was not prospected below No. 3 level. The company has a complete assay map of workings.

The old 20-stamp mill is about 550 ft. below No. 7 level, and ore was delivered to it by a tramway 1128 ft. long. It has been in bad shape for years. Though it has been stated the sulphides formed 2½% of the ore and were worth \$50 a ton, the concentrate treated in later years, in a small cyanide plant, was considerably less in percentage and lower in recovered value than the above. The amount of

silver in both bullion and concentrate is low, being less than 1% by value of the gold content.

Providencia Mine (Providence). Four quartz claims just south of the old Copper Bottom drift mine, in Iowa Hill district. Providencia claim is patented. The steep slope to North Fork of Shirt-tail Canyon permitted running an adit, about 400 ft. long, in which some good assays have been obtained in a vein 3 ft. or more in width. No equipment and no recent work reported. The vein strikes north-west and dips 80° NE. in the Carboniferous formation.

Rawhide Mine. On Texas Ridge, between the branches of North Fork of American River, and reached by road and trail from Towle, or by trail from Pioneer Mine. The first available record of activity was for 1899 when a 3-stamp mill was in operation. Rawhide Quartz Mining Company was incorporated in 1901, and a 10-stamp mill was started in December of that year. They had the property until 1909, when it was taken over by *Helester Mining Company*. This company continued operation and made some production nearly every year until 1915 when succeeded by *Canyon Mines Corporation*. Between 1918 and 1934 little was done at the mine but in 1934 production was resumed. The total recorded production has been a little over \$300,000, from ore which averaged slightly under \$4 a ton in gold (old price) during the principal period of production, 1902-1910 inclusive.

The vein principally worked is a stringer lode in a dike lying between a hanging wall of slate and a footwall of igneous rock, both wall rocks being members of the Blue Canyon (Carboniferous) complex. The width of the lode varies from 4 ft. to 140 ft.

The steep surface permitted exploitation by adits, of which four have been run as follows:

No. 1 (upper)	1137 ft. long, giving 400 ft. depth
No. 2	1862 ft. long, giving 510 ft. depth
No. 3	2350 ft. long, giving 630 ft. depth
Mill adit	640 ft. long

A ball mill of 35 tons capacity is reported to have been used for milling during the past year. Thirty men were employed in May, 1935. The ore milled in 1934 yielded less than 1% concentrate, which, however, was of good grade, containing about 40% of the gold saved.

Redstone (Red Rock) Mine is two miles southeast of Blue Canyon near North Fork of North Fork of American River. It was first worked in the 1860's, when a 4-stamp mill was in operation, and production was made from an open cut. In 1896 a 10-stamp mill was built, and a few thousand dollars was produced annually until 1902. The ore at that time came from stopes above adits, of which three were run, giving a depth of 250 ft. The tonnage mined was small, however, during this latter period, and the ore was low grade, the adit workings, width of vein and free water power for milling permitting a profit.

Nothing more appears to have been done until 1932 when *Paramount Gold Mines Corporation, Limited*, began a new lower adit to give greatly increased backs below the old workings. The activities

Other mines, for which complete production figures are not available, but which yielded substantial sums, are the Eclipse, Mina Rica, Green, St. Lawrence, Courad, Centennial, Moore and Julian.

Oro Fina Mine. This mine, the last important producer worked in Ophir district, was a consolidation of claims, some of which had been worked in the earliest days of the camp. It included Bullion, Bullion No. 1 and No. 2, Golden Eagle, Bellevue, Last Chance, Buckeye, California, Smiths Extension and other claims, covering 96 acres in all. Of some of the veins on these claims, it was said in 1871 that they

"used to be worked by shafts from 30 to 50 ft. deep or until water or hard rock was reached; then the shaft would be abandoned and another sunk. In that way it was prospected or worked for about 1600 ft. to the depth stated; the ore taken out paying from 30 to 100 ounces per ton by accurate reduction."

Little more was heard of them until about 1899, when the Bellevue became a producer and continued active until 1911. Oro Fina Mining Company took the property in 1913. A new mill was erected and a new shaft was sunk. Work continued until January, 1922. This company produced about \$430,000 and the total output of the claims, so far as can be learned, has been over \$500,000.

The main vein strikes north of west, and dips 65° south. The Oro Fina Mining Company controlled about 4500 ft. on the strike. The walls were amphibolite schist to a depth between 600 and 700 ft. on the dip, on the west side of the shaft, where granodiorite was found. Work had not gone far enough to prove whether this was the main batholith underlying the amphibolite, or a dike. The new shaft on Bullion No. 1 claim was sunk to a depth of 860 ft. on an angle of 72° in the hanging wall. It connects on the 300-ft. level with the Bellevue shaft, 312 ft. deep. From 200 to 800 ft. inclined depth, levels were 100 ft. apart. Two ore shoots, one on each side of the shaft, were worked. That on the west was about 150 ft. long and the vein was apparently not cut off at the granodiorite contact, where it had a width of 16 inches. On the east the ore was stoped for a length of 250 ft., and raked away from the shaft. The vein occurred as lenticular quartz bodies, seldom over 2 ft. wide, and the walls were hard with little gouge. The average grade of ore in the later operations was nearly \$8 a ton (at the old gold price), although specimen ore sometimes was found, one body yielding \$90,000. Levels were run as follows:

- No. 2—1080 ft. east, 130 ft. west
- No. 3—1400 ft. east, 800 ft. west
- No. 4—1250 ft. east, 200 ft. west
- No. 5—300 ft. east, 500 ft. west
- No. 6—100 ft. east
- No. 7—100 ft. east at time of last visit, but was run farther before closing.
- No. 8—200 ft. east.

Unlike many mines in the district, the ore here carried most of the gold in the free state. The sulphide, principally pyrite, with some galena, formed 1% to 1½% of ore and carried \$60 to \$75 a ton in gold and \$4 to \$8 a ton in silver. Ore was milled with 10 stamps of 1000 lb. each and two Deister concentrators saved sulphides. The cost of operation ranged from \$5.55 to \$7.85 a ton.

The present operators have formed the Oro Fina Consolidated Mines. In April, 1936, the shaft had been dewatered and underground prospecting had been started.

Orpheum Mining Company (Kittler Consolidated). In Ophir district, adjoining the St. Lawrence on the west. It was worked in early days by a shaft 150 ft. deep and an adit, and a small production was made. In 1909, Orpheum Mining Company began reopening it. A 5-stamp mill was erected that year and later was increased to 10 stamps. The mine was operated several years and produced a few thousand tons of ore which yielded from \$6 to \$7 a ton, with about 1½% concentrate which was low in gold content, and relatively high in silver. No details of the underground conditions are to be had as the property has been closed for over 20 years. A depth of 300 ft. or more was reached.

Paragon Prospect. At different times, two quartz veins have been found in the adits run at the Paragon placer mine at Bath, for drift mining. One was struck in the Golden Gate adit about 300 ft. from the portal. Another occurs in the Paragon tunnel 480 ft. from the portal, and work was done on this in 1931 and 1932. When visited in July, 1932, a winze had been sunk upon this vein to a depth of 50 ft. It showed a width of 6 inches to 1 ft. and was claimed to give good assays. It strikes N. 45° W. and dips 48° NE. The adit at this place is only about 6 ft. below the bedrock of the old hydraulic pit.

A small mill containing two stamps, one Willley concentrator and a rock-breaker was erected outside the adit and a little ore was crushed, but work stopped in a short time. A small air compressor was in use, and power was furnished by gasoline engines.

Penryn Gold Mines Company. William Anderson, manager, Box 155, Auburn. Home office, 515 Standard Stock Exchange Building, Spokane, Washington.

This company has lately begun sinking a vertical shaft in the footwall of a vein on the Sakui ranch north of the holdings of the Alabama California company. Late in July, 1935, the shaft was 60 ft. deep, with five men employed. It is planned to sink to 200 ft. before drifting. A vein 2½ to 4 ft. wide is reported to have given good assays, with possibilities of a good ore shoot indicated. It is believed to be on the northward extension of the Alabama vein.

Between this and the Alabama mine there is about 1500 ft. in length across the Swezey ranch controlled by the Alabama California Gold Mines Company which is reported to have been leased recently to the Alabama Extension company.

Early in April, 1936, the shaft of Penryn Gold Mines Company had reached a depth of 200 ft.

Pioneer Mine. This is the deepest and most extensively worked quartz mine in the county. In total gold production, it ranks second in the county. It lies on the steep south slope of the canyon of American River, five miles south of Towls by trail, or it may be reached by road from Forest Hill. It is an old mine, part of it having been worked from 1854 to 1862. It lay idle then until 1880. Some parts of the first mill, built in the 1850's, are still to be seen. In 1889, a 20-

of this company ceased with the death of the promoter, E. C. Klinker. There is an old 10-stamp mill above the new adit level.

The Redstone deposit occurs in the Blue Canyon formation and consists of a massive vein of quartz, and a stringer lead of quartz seams in slate, forming a low-grade lode up to 15 ft. wide. It strikes nearly north and dips 60° W.

Rip Van Winkle (Page & Buckman or Lady Bedford) Mine. J. D. Dodds, 1614 26th Street, Sacramento, and heirs of Ben Buckman, owners. It is six miles south of Westville in Sec. 29, T. 15 N., R. 12 E.

The vein was worked first through shallow shafts and an upper adit at an elevation of 3520 ft. A lower adit was then run S 80° 50' W. 237 ft. to vein and 89 ft. beyond it, and a drift run 532 ft. in a general northerly direction, at an elevation of 3250 ft. No ore was mined from the lower adit. Nothing has been done at the claim for about 20 years and at present the portal of the lower adit is caved.

Two small stamps were operated on ore from the upper workings from 1894 to 1897 inclusive, and a total of a few thousand dollars was produced.

The *Schultz Mine*, presumed to be upon the northward extension of the same vein but separated from the Page & Buckman mine by 1000 ft. belonging to the Herman Mine, also had a 2-stamp mill in 1897.

Rising Sun Mine is a mile and a half west of Colfax. It was opened in 1866 and was operated eight years with a 5-stamp mill, and from then until about 1884 with 10 stamps. The latter mill had a daily capacity of only 20 tons. In spite of this limited capacity, the mine was reported to have yielded over \$2,000,000 which, if correct, would make it the leading gold-quartz producer of the county. In 1869, when it was 230 ft. deep, the average yield was given as \$25 a ton. In 1875 when a depth of 520 ft. had been reached, the average width of ore was 15 inches and average yield \$21.50 a ton. The total production to July 1, 1875, was about \$405,000. Unfortunately, no public record remains of operations from then until the closing about 1884. The mine lay idle thereafter until 1919, when a stock company erected a modern 10-stamp mill and unwatered the mine. They reported milling less than 1000 tons before quitting. Again in 1925, the same promoter, with a company called *California Premier Mines Company* reported milling about 1000 tons of good ore. Considerable dead work was done to complete a drain adit from the Bear River slope connecting with the workings about 30 ft. above the 600-ft. level, and the plant was improved. The same interests did some work on the adjacent Big Oak Tree Mine, and in 1931 were succeeded by *Paramount Gold Mines Corporation*. This company made some production in 1931 and 1932, working in both mines, and some of this output in the latter year was credited to the Rising Sun.

The vein is said to have averaged 18 inches wide in the upper levels and lies between hard diabase walls. It strikes northeast and dips 85° south to the 7th level where it reverses its dip. Below this 'roll,' the vein widened to 4 ft. or more, and became softer. The oldest shaft, from which the early production came, was sunk to the fifth level, and another to the third level. A later and deeper one was sunk northeast of these, to 749 ft. on the dip of vein. West of it,

according to the late James Richards, a former superintendent, was a pay chimney about 40 ft. long, so rich in free gold near a cross-fault that "the gold literally held the quartz together." This fault apparently bounded the rich ore on this side, and possibly had influenced its deposition. East of this shaft, pay was in stringers. On the west, it paid well to a depth of 700 ft. where the 'roll' in the vein occurred.

Of the last ore milled, and credited to this mine, sulphides formed about 1.7%, and yielded 2 oz. gold per ton. The promoter, however, was interested in several mines in different parts of the county, from which lots of ore may have been milled in this plant; so individual figures can not be safely given.

Rublin Mine is about one mile southwest of Last Chance. About 1908 to 1911, a shaft was sunk 150 ft. and an adit run about 860 ft. Less than 1000 tons of ore mined from the shaft workings was reported as yielding from \$4 to \$11 a ton in a 2-stamp mill. The adit is said to have not struck the vein, but a winze sunk 30 ft. below the adit is claimed to give good prospects. Some low-grade material was milled in 1929 and 1930. Recently work was resumed and in August, 1935, five men were employed. It was not visited by the writer, but the vein is reported to be from 6 inches to 2 ft. wide.

Shady Run (Midas) Mine. It is about a mile and a half north-east of Shady Run. Work began in 1900 and a 10-stamp mill was put in operation in 1902. In three years, about 6000 tons of low-grade ore was milled, after which little appears to have been done, although Shady Run Mining Company is still in existence and gave a lease in 1927 to Thomas W. Wells. In 1934, a few ounces of gold was produced from low-grade rock. Mining was done through adits and a shallow shaft. The vein is reported to show a width of 20 ft. or more and consists of a quartz stringer lead in a dike, carrying considerable sulphide including some arsenopyrite.

Snowbird Mine is one mile from Sugar Pine Mill, on the divide 14½ miles east of Forest Hill. Two veins are claimed to exist, but these show little quartz, and what ore has been found is mostly in talc zones in serpentine, which strike northwest and dip 60° N. E. *Nevada-Pacific Exploration Company* prospected the ground for two years, 1919-1921. A shaft was sunk nearly 300 ft. on 60° incline, with levels at 56, 134 and 285 ft. depths. Short drifts were run on each level, the most extended being on the 134-ft. level where the 'footwall vein' was prospected for 150 ft., a crosscut was run 140 ft. and the 'hanging wall vein' was followed 190 ft. by drifting. A little rock was stoped between this level and the next above. The mill in 1921 contained five light stamps, a 50-ton ball mill and a small cyanide plant, all removed since.

Southern Cross Mine comprises four patented claims, covering 2560 ft. in length along the strike of veins on the south side of the canyon of South Fork of North Fork of American River, five miles south of east from Towle, and adjoining the Pioneer Mine on the northwest. From Towle it may be reached by road and steep trail. The principal period of work was between 1903 and 1908, during which time the production of about 4800 tons of low-grade ore was reported. The recorded figures are only approximate, but indicate a yield of \$3

to \$5 a ton. Fred M. Miller, who has made an excellent report on the property, estimates a much higher probable yield. The plant was burned down some years ago, and later part of the 20 stamps were removed.

Three veins called West, Southern Cross or middle, and Poole or east vein occur, striking west of north in the Blue Canyon formation. Most of the work has been done on the Southern Cross vein, through No. 1 tunnel, which starts about 50 ft. above the south bank of the river, runs as a crosscut south and then east 540 ft. to the vein, and follows the vein as a drift 180 ft. south, and 320 ft. north. The north drift emerges near the river at the east portal, which is 400 ft. upstream from the main entry. From this level two small stopes were mined. This vein has two strands and the stopes are on the hanging wall section. Frenzel stope is nearest the portal and is 70 by 100 ft. in area and 5 to 6 ft. wide, reaching to the surface. The other stope is about 50 by 50 ft. in area. On the footwall side is a stockwork of quartz stringers which is 42 ft. wide where crosscut by the main adit.

No. 2 adit level is 215 ft. above No. 1 and has a total of 200 ft. of work, of which 120 ft. is on the hanging wall strand of vein, with a raise through to No. 3 adit level, 75 ft. higher. Small stopes were mined above the latter, on both strands of the vein. About 2500 tons in all was mined here, some of it reputedly above the average grade for the mine.

On the Poole vein, which Miller thinks is the northward extension of the Lynn vein of the Pioneer Mine, a length of 30 to 40 ft. was stoped from the Upper Water adit, 387 ft. vertically above No. 1. This adit was scarcely 100 ft. long and the stope went to the surface. Another adit 45 ft. lower and the same length, did not reach the ore shoot indicated by the stope above. The outcrop of this vein is said to be traceable thence for 2100 ft. to the Pioneer end-line, where its probable connection with the Lynn vein is claimed to be indicated. In both properties, the vein is accompanied by a dike.

The Southern Cross development work, consisting of a total of about 2500 ft., has been done almost entirely on the Southern Cross and Poole claims. Due to their location, they offer exceptional opportunities for prospecting by adits. No. 1 level of the Southern Cross is 1100 ft. vertically below No. 7 level of the Pioneer, and 858 ft. below the deepest development in that mine. It would have to be extended about 2000 ft. southward to enter Pioneer ground, which extends more than a mile farther south on the strike.

St. Lawrence Mine. In Ophir district, one-half mile northwest of the old town. It had a 6-stamp mill in 1873, and was worked irregularly for 25 years or more. Some ore was shipped to a smelter, some treated in a nearby mill and in the 1890's a Huntington mill was installed. The complete record of output is not available, but for a few years, 1893 to 1897, a total of \$21,370 was reported. Between 1903 and 1912, there was also some production from this claim.

The work was done principally on the eastern part of the claim, where the vein strikes east and dips 20° to 45° south. The vein is from 1 ft. to 20 inches wide of glassy quartz carrying up to 2% of pyrite and galena, with some stibnite. Two ore shoots were claimed,

180 ft. and 100 ft. long. The bullion was only 650 to 700 fine. Both walls are granodiorite with a diorite dike on the hanging wall of vein. Much, if not all, of the ore is said to have come from a stringer in the hanging wall parallel to the main vein. Farther west, the vein or one which joins it, strikes nearly due southwest.

The shaft, 300 ft. long, was intersected by two tunnels, the upper reported 650 ft. long and the lower 350 ft. long in 1896, the latter connecting with the bottom of shaft and giving a vertical depth of about 150 ft. In the later work the adits were extended.

St. Patrick Mine (Doig Consolidated). What was later known as the Doig Consolidated Mine was originally called the St. Patrick and was quite actively worked in the 1870's by St. Patrick Mining Company, which operated as well as other nearby properties. The St. Patrick shaft is in the SW¼ of SE¼ Sec. 7, T. 12 N., R. 8 E., on the southern contact of a tongue of amphibolite about 500 ft. wide and one-half mile long, which lies like a peninsula in the granodiorite. The St. Patrick vein is at the southern tip of the peninsula, and is one of several which strike northeast across it.

This vein is said to have yielded near the surface a 'pocket' of \$75,000. In March, 1871, between \$11,000 and \$12,000 was produced from a small tonnage of ore, and for the year ended October 30, 1873, the company mined and milled from the St. Patrick vein 3149 tons which yielded \$16 to \$20 a ton. In that year, J. H. Crossman, the superintendent, reported his conclusion that the main shaft had passed through the ore shoot at the 200-ft. level, and that the shoot raked east at such a flat angle that a drift 800 ft. long would be required to reach it at the 300-ft. level. Accordingly, he quit work on that vein and later activities of the company were on other mines, including the Crater and Spanish. Crossman reported the shaft as being 320 ft. deep, with 425 ft. of drifting on a vein averaging 20 inches thick. It dips about 45° E.

The Doig vein is the next east of the St. Patrick, and only 120 ft. from it, but to the south it curves until its outcrop strikes nearly west in the granodiorite. Although this vein has been traced about half a mile, the only payable ore found so far in it was a few hundred feet northeast of the St. Patrick shaft, where, at its junction with a narrow, nearly vertical vein called the Little Doig, a good-sized 'pocket' was extracted. In this place, the vein is in the amphibolite schist.

Tahoe Treasure Prospect. In 1932, publicity was given a discovery of auriferous sulphides made near Quail Lake in the high Sierra Nevada, about one mile south of west of McKinneys, a resort on Lake Tahoe. A number of locations were made, some of which were later found to be on land claimed by others under patents issued years before. The elevation is from 6750 to over 7000 ft.

Fresh sulphides occur almost at the surface in several places on the claims, in contact-metamorphic rocks, originally principally sedimentary and believed to be of the same age as the Sailor Canyon formation (Juratrias?). The strike of schistosity in the altered sediments (quartzite and slaty schists) is in general N. 20° W. These rocks form a small roof-pondant, flanked on the south and east by moraine deposits and on the north and west by andesite and granodiorite. The bands of sulphide mineralization, in places at least, appear to follow the direction

of the schistosity. The cliff on the south side of Quail Lake is heavily iron-stained, and the first prospect hole here showed plentiful fresh iron sulphide with traces of copper. A short adit just south of the lake at that time showed about one-half the face occupied by granite. A 50-lb. sample here was said to show 7 lb. of concentrate assaying well, though the sulphide did not appear as plentiful here as above.

Since 1932 a total of over 400 ft. of underground work has been done. Several stock companies have been based on the prospects, and it is said that about \$100,000 has been spent in connection with them. An electric power-line was built from the state highway to the claims, a 10-room dwelling, and expensive assay office and other buildings were erected, and an air compressor, drill sharpener, etc., installed. It is said a dog-team was used in the winter of 1934-35 to haul in steel and provisions.

Assays indicate widely varying gold content, from a trace to over one ounce. Cyanide and gravity concentration tests are reported to give unsatisfactory recoveries. The last company reported in control is Tahoe Treasure Consolidated Mines, Incorporated, which continued work during 1935.

Three Queens (Four Aces) Mine is part of a group of claims extending for 2 miles along a dike of serpentinite and its contacts with schists, in Volcano Canyon 1 mile north of Middle Fork American River. A road 3 miles long from Forest Hill drops 1800 ft. in reaching the camp, which is at an elevation of 1360 ft.

The first reported production was of \$14,000 in early days; the first recorded was made by George Wingfield in 1907 and amounted to over \$30,000. This was taken from a small 'pocket' orebody only a few feet underground. In 1909 and 1919 Mortimer Savage, the owner, reported production of a few thousand dollars. Some gold was also taken out in 1925 by Three Queens Mining Company. *Four Aces Mining Company* was in control of the mine from 1926 to 1928, inclusive, and reported output of over \$80,000. M. Savage resumed work in 1930 and the mine has been producing gold annually since.

The area mapped as peridotite and serpentinite contains strips of black graphitic schists, which were torn from the older Carboniferous rocks by the invading intrusive, as well as completely altered rocks probably once dikes. The serpentinite also carries talc and ankerite stained by mariposite in places. To the west lies amphibolite schist.

The work done up to July, 1927, showed a quartz vein 3 to 4 ft. wide, striking northwest and dipping 30° to 40° NE. It had there a hanging wall of black graphitic schist and altered dike, with ankerite stained by mariposite on the footwall in those sections where the best ore was reported. Three stopes, the longest 90 ft., had been opened. High-grade ore occurs in small bunches showing considerable free gold in this vein. It evidently formed along the hanging wall by repeated opening and the graphite, and the carbonates in the ankerite, were favorable precipitants. Near the southeast end of the adit drift, 348 ft. from the portal (which is near the trough of Volcano Canyon) a floor dips N. 20° W. Gold occurs in the filling of this flat seam. Such seams are probably due to hillside drag. About 1000 ft. southeast from the face of this drift there is a winze 148 ft. deep on the Scorpion claim. To the northwest, 1250 ft. away, 120 ft. of workings along the contact

are reported to show good assays. A 5-stamp mill, 40 h.p. semi-Diesel engine, air compressor and several good buildings are on the claims.

In October, 1935, Mrs. Rena Morgan et al. were working the property and another strike of specimen ore was reported from the same ore shoot previously worked by Wingfield and the *Four Aces Company*, at a depth of about 265 ft.

Three Stars (Columbia) Mine. The three claims, called North Star, Middle Star and Morning Star, lie at the northwest end of the Ophir district, on Doty Ravine, seven miles northwest of Auburn. Although considerable work had been done before 1900 on these claims, no history of it remains. By that time, three shafts had reached the following depths: Main vertical shaft, 725 ft., Belmont vertical shaft 524 ft. and Belmont incline, 500 ft. The principal period of activity was from 1902 to 1907 inclusive, during which time over \$400,000 output was reported. Most of the deeper work is reported to have been done in a winze sunk from the 700-ft. level to 1300 ft. depth. The owner has a map showing the extent of workings. The ore was of low grade, yielding \$3 to \$6 a ton. Sulphide concentrate saved formed 1% to 1½% of ore and carried \$40 to \$50 a ton in gold and \$2 to \$10 silver. Tailing assays were low. Milling was done with 20 stamps.

This mine is in the granodiorite and the veins strike north. Not much work was done on the Almont vein, from which a few thousand dollars was produced in 1889. The main vein is said to have been about 3 ft. thick in the ore shoot.

T. W. A. (Big Pine Mine). In Ophir district, about one-half mile from Wise power-house. A. N. Sweet, trustee. C. H. Brown, superintendent, Auburn.

The date of the first work on this ground is not known. It was reopened, however, in 1898 by Bouk & Bushnell and worked in a small way until about 1907 with the production of a few thousand dollars from ore which yielded from \$3.50 to \$10 a ton in gold. Copper sulphide was reported at a depth of 170 ft. It lay idle thereafter until 1934, when it was reopened and sampled. Early in 1935, a plant containing a balanced rod mill, concentrator and three flotation cells was installed and milling started. There are levels 100 ft. apart, the longest drift being 250 ft. east and 240 ft. west on the 300-ft. level. A. N. Sweet reported average assays of about \$10 a ton from a vein averaging 18 inches wide. The mill was crushing 35 tons a day in June, but work was reported to have been suspended late in July.

Two Orphans Prospect adjoins the Green Emigrant mine on the north, five miles from Auburn in NW¼ Sec. 30, T. 13 N., R. 8 E. It was worked superficially by Pike Bell as a pocket mine about 1865. Two veins strike northwest and dip 54° east, having a maximum width at and near the surface of 2 ft., and averaging 14 to 18 inches. Shallow shafts were sunk at close intervals for 1500 ft. on the strike. The deepest shaft prior to 1920 was only 75 ft. deep on the dip. A shallower shaft on the other vein is said to have shown it breaking into stringers and lenses of quartz assaying well. The ore on this claim shows considerable pyrite, chalcopyrite and galena. The walls are hard greenstone.

Valley View (Harpending or Whiskey Hill) Mine, six miles north of Lincoln in the foothills just east of Sacramento Valley, is one of the old copper mines of the foothill belt which had an interesting early history as a gold producer from gossan ore, similar to that recently worked at the Dairy Farm mine.

Whiskey Hill had a 40-stamp mill crushing the gossan ore in the 1860's. The deposit had been studied by Professor Silliman, who reported the presence of gold in angular grains or small ragged pieces; films of metallic silver upon the "talose masses," and the occurrence of such minerals as cuprimbite and cyanosite.

The mineralized zone has a width of 200 ft. between amphibolite schist walls, striking N. 80° W. and dipping 72° northeast. In this zone the gossan was about 100 ft. wide. The deposit from which the gossan came and which carries copper and zinc ores in depth, is in two altered dikes, probably originally andesite. The oxidation of the rock carrying sulphides, and the action of the acid-bearing water left a skeleton of residual quartz and kaolin in places as well as the usual gossan. Copper sulphides and pyrite were found at a depth of 85 to 100 ft. In the lower workings, zinc sulphide and pyrite increased and copper content became less.

There are three shafts and several open cuts and adits on the mine. South shaft is 130 ft. deep, southeast shaft 180 ft. and northwest shaft 280 ft. deep. From the last, ore was stoped from 120-ft. level to the surface. In southeast shaft, at a depth of 150 ft., a drift was run 125 ft. During the last period of operation, in 1916 and 1917, a few hundred tons of ore was shipped yearly, which yielded from \$3.50 to \$5 gold, \$1.50 to \$2 a ton in silver, and 3½% to 5% copper. There still remains a small tonnage of the gossan ore.

For many years the water flowing from an old adit connecting with a winze has been used locally, and has been bottled and sold under the name of Kilaga Water, for the treatment of certain skin diseases and poison oak. An analysis of this water was published in our Report XVIII, page 603.

Van Avery Mine (Alder Creek Gold Mining Company). It is 1½ miles southeast of Blue Canyon. It was first mentioned as having a 3-stamp mill in 1896. In 1897, Alder Creek Gold Mining Company took it over and worked about 3 years, having 28 men employed in 1899. Two adits were each run 300 ft. or more according to report. Three veins are claimed, one of which is 5 to 6 ft. wide. No record of the production is available, and no work has been done in late years.

Victory (Russell & Phelps) Mine is in the SE¼ of SE¼ Sec. 13, T. 15 N., R. 9 E., five miles northeast of Colfax by road. Agricultural patent.

Some prospecting was done 35 years ago on this land and in 1901 about 7½ tons of ore was shipped which yielded an average of over 2 oz. gold and 1 oz. silver per ton. Work stopped at a depth of 81 ft. and nothing more was done until Russell and Phelps discovered an outcrop of heavy gossan ore near the old workings in 1911. This showed no visible free gold, but assayed well, and 21 tons taken out in sinking 58 ft. yielded 2.2 oz. gold and 12.2 oz. silver per ton at Selby smelter. Another lot of 23 tons yielded over 1½ oz. gold and 9 oz. silver per ton.

At a depth of 88 ft. the assay returns indicated enough decrease in gold content to discourage the lessees and work was suspended until 1934 when Loufek, Johnson and Springer reported production of over 1000 tons of ore.

The ore occurs in lenses of heavy sulphide (principally pyrite) in the Carboniferous rocks (locally called Cape Horn slates) where narrow bands of igneous rock, now rendered schistose, are interlayered with the slate. The strike is nearly north and dip 72° E. The upper 35 ft. of the discovery vein is 3 ft. in the footwall from the lower segment. At 55 ft. a crosscut 16 ft. in the footwall revealed another vein of the same kind and about 3 ft. wide. A fault striking N. 40° W. and dipping 45° SW. cut this vein off above this level, and if this is the same fault that moved the first vein, the upper segment would lie west also.

The later work (1934) has been done in a winze sunk in the floor of an old adit run in 1901 about 250 ft. east from a nearby ravine toward this latter (west) vein from which the first shipments came.

Vore (Golden Scepter, Chubb) Mine. In Sec. 3, T. 13 N., R. 9 E., two miles east of Applegate on Codfish Canyon, and about one mile south of the Black Oak Mine. This is one of the seam mines, which was hydraulicked years ago and later worked in a small way. Recently prospected, and a 5-stamp mill was operated for a short time by Navone.

The deposit is at the contact of Carboniferous rocks with a small outcrop of serpentine.

At present (July, 1935) litigation has been started between the lessee and owner.

Wubben Mine. This is 10 miles in an air-line south of Soda Springs station, and not far from the Lost Emigrant mine. Due to the rugged topography, lack of a road and the occurrence of sulphide ore, little has been done in years past. In 1934, a small tonnage of good ore was mined and packed out over a trail to Robertson Flat on the road for shipment to the smelter. The expense of handling it was said to have used up most of the proceeds.

TABLE OF QUARTZ MINES AND PROSPECTS, PLACER COUNTY

Name of mine	Location			To whom assessed*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Adams	20	12 N.	8 E.	Calvin T. Adams, Newcastle		R. XIII, p. 272; XV, p. 331
Alabama	35	12 N.	7 E.	Jesse C. Williamson and Elizabeth C. Small, Locmins, Operating company: Alabama-California Mng. Co., Wm. Anderson, Gen. Mgr., Auburn		R. XXXI, p. 17 R. XV, pp. 321-322
Alameda	25	14 N.	9 E.	J. P. Wise and Martin Partridge, Colfax		R. XI, p. 204; XIII, p. 273; XV, p. 332; XVIII, pp. 201-207; XIX, p. 341; XX, pp. 13, 81-82, 179; Pres. Rep. 5, p. 31; XXIII, pp. 246-49, XXXI, p. 17
American Bar	33, 4, 5	14 N.	11 E.	American Bar Quartz Mining Co., W. H. Duff, Pres., E. H. Hollar, Sec., 519 Mills Bldg., San Francisco		See Bankers Revenge See Bankers See Langstaff & Storey R. XV, p. 332
American Eagle						
American March						
Anchovy Mng. Co.						
Andy Ferrer Diggins						
Anne Laurie	24, 25	14 N.	9 E.	H. H. Young, Weimar, et al		
Auburn	16	15 N.	12 E.	Emma J. Fremont, W. J. Prewett, Auburn; Wm. I. May, Colfax, et al		Gen Chicago
Auburn-Chicago						
Australian	25	15 N.	10 E.	Australian Quartz Mining Co., E. Eleanor Meek, 1202 Arguello Blvd., San Francisco	95	R. XV, p. 332
Bassoco	22, 23, 26	13 N.	9 E.	James Sheridan, Auburn		R. XV, p. 332
Beauty	9	16 N.	13 E.	Henry Snyder, Grass Valley	40	R. XV, p. 332; XXIII, p. 249; XXXI, p. 17
Belle Union	35	14 N.	9 E.	D. Jonas, Clipper Gap		R. XIII, p. 273; XV, p. 332
Bellevue	7, 8	13 N.	8 E.	J. Kaiser, Ophir		R. XIII, p. 274; See Ore Fines
Belvoir	18	12 N.	8 E.	J. Kaiser, Ophir		R. XV, p. 332
Big Ben Cons.	23	13 N.	8 E.	Big Ben Cons. Mining Co., Box 55, Lincoln	67	R. XXIII, p. 249
Big Blue	3	18 N.	10 E.	Moody & Ganey, Gold Run		R. XIII, p. 274; XV, p. 332
Big John	23	14 N.	9 E.	Ed. Bigley, E. B. Odell, M. L. Odell, E. H. and M. A. Hochey, Weimar		R. XV, pp. 332-333
Big Oak Tree	23	15 N.	9 E.	Wallace Werry, 2215 H St., Sacramento, and D. A. Russell, Colfax	10	R. VIII, p. 463; XIII, p. 274; XV, p. 333; XX, p. 178
Big Tree	16	15 N.	12 E.	William I. May, Colfax, et al		
Blaber	19	13 N.	10 E.	George H. Blaber, McRae	167	
Blalock	2, 3, 8, 10	15 N.	12 E.	Black Canyon Mining Co. of California, E. B. Cradley, Auburn	640	R. XIII, p. 274
Black Canyon				Black Hawk Quartz Mining Co., 847 Clinton Ave., Renoville		R. XIII, p. 274; XV, p. 333
Black Hawk	4	15 N.	11 E.	Elmer A. Drexler, 1037 Mills Bldg., San Francisco, et al		R. XXIII, p. 249
Black Oak	35	14 N.	9 E.		20	R. XII, pp. 274-275; XV, p. 334

Black Spanish No. 2	7	12 N.	9 E.	J. E. Walsh, East Auburn		R. XV, p. 334
Blue Bell	7	15 N.	11 E.	A. Percival Crittenden, Towle		R. XV, p. 334
Blue Jay	31, 32	14 N.	11 E.	Lozano de Marla, Butcher Ranch		
Blue Wing	28	16 N.	10 E.	W. A. Hubbell, Grass Valley	40	R. IX, p. 29; XV, p. 334
Bobbitt	18	13 N.	7 E.	Wm. Recknagel, Auburn		R. XV, p. 334
Bonanza	11	15 N.	11 E.	Jerry J. Sullivan, San Francisco		R. XV, pp. 334-335
Bonnie Ben	3	15 N.	11 E.	Bonnie Ben Quartz Mining Co., 55 L. W. Cummings, 583 Haddon Road, Oakland	198	R. XV, p. 335
Bonnie Bell	18	16 N.	11 E.	Bonnie Bell Quartz Mining and Development Co., Dutch Flat		
Booth	5, 9, 16	12 N.	8 E.	Stearns & Spianey Estates, E. P. Stearns, Auburn	30	R. XVII, pp. 442-443 R. XII, pp. 205-206; XIII, p. 275; XV, p. 335 See Julian Mine
Boulder	18	12 N.	8 E.	Jack Smith, Ophir		R. XVIII, p. 361
Bree	2, 3	15 N.	11 E.	Wm. M. Bree		R. X, p. 426; XV, p. 335
Bucan Vista	24	14 N.	9 E.	Ed. Bigley, Colfax		R. XIII, p. 273
Bullion	7, 8	12 N.	8 E.	H. H. Busker and J. A. Nichol, Michigan Bluff		R. XV, p. 335
Bunker & Nihil	32	14 N.	11 E.	J. W. Burner, Forest Hill		R. XV, p. 335
Burner	14	15 N.	9 E.			See Dewey & Stocker R. VIII, p. 481; XIII, p. 276; XV, p. 335; See also Hathway
Burt	21	12 N.	8 E.	W. E. Dean, Hobl Bldg., San Francisco		R. XIII, p. 270; XV, p. 335
Butta	34	13 N.	8 E.	Mr. Hubbell, Auburn		R. XIII, p. 270; XV, pp. 335-336
Call Pasture	16	12 N.	8 E.			See Beauty
California						
Canada Hill						
Canada, Wallace & Augustine	33, 28	15 N.	13 E.	F. G. Albocker, Michigan Bluff; A. C. Lowell, San Francisco	62	Field Report R. XV, p. 336
Cash in Dump				H. M. Black & H. J. Elliot, Virginia City, Utah	38	R. XV, p. 336; XVII, p. 443; XVIII, pp. 263, 301-302; XXIII, p. 249
Catsenonal	17	12 N.	8 E.	Autz B. Walsh, Auburn		R. XV, p. 336
Central	3	15 N.	11 E.	Central Mining Co., H. T. Sawyer, Pres., Berkeley	21	R. XV, p. 336
Central Cons. Humbog	7	12 N.	8 E.	Jose G. Silva, Newcastle, et al	10	
Champion	15	14 N.	11 E.	R. H. Summers, Michigan Bluff, et al		R. XII, p. 206; XIII, p. 276; XV, p. 336
Cherrick						R. XII, p. 206; XIII, p. 276; XV, p. 335
Chicago						R. XV, p. 336
Chicago	35, 36	15 N.	7 E.	Tom Young, Chico		
Christmas Hill	28	13 N.	9 E.	Wm. H. Owen, Pearyns, Leona, Auburn Chicago Mng. Co., Pearyns		R. XXIII, p. 250; XXXI, pp. 17-18
Colorado & Trio	7	12 N.	8 E.	J. A. Ware, Butcher Ranch		R. XV, p. 337
Colorado	12	12 N.	7 E.	Caroline Reed, R.F.D. 1, Box 27, Sacramento	25	
Colombia						See Three Stars
Conard	17	12 N.	8 E.	Agnes M. Walsh, Auburn	10	R. XV, p. 337; XVII, p. 443; XVIII, p. 320
Continental	26, 35	15 N.	9 E.	Wm. Henson, Georgetown	9	
Crandall	8	12 N.	8 E.	T. F. Jull, Auburn	37	R. XV, p. 337; XVII, pp. 443-444
Center Hills Cons.	12	12 N.	7 E.	Harry Arden Williams, Lincoln	24	R. X, p. 433; XII, p. 207; XIII, p. 277; XV, p. 337
Crosby	7	12 N.	8 E.	F. C. Crosby, Lincoln	17	
Cuckoo	16, 4, 9, 10	14 N.	12 E.	F. N. Tillotson, Michigan Bluff		

* To save space, frequently only one of several names is shown in this column.

TABLE OF QUARTZ MINES AND PROSPECTS, PLACER COUNTY—Continued

Name of mine	Location			To whom assessed*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Dahlonega	12	16 N.	11 E.	Donald J. Bell, 157 Nevada Ave., Piedmont	41	R. XIII, p. 277; XV, p. 337
Dairy Farm	27	14 N.	6 E.	Lease and option: Dairy Farm Gold Corp., Box 376, Lincoln	100	Bull. 50, pp. 295-299; XV, pp. 327-28; XXVII, p. 45; XXIII, p. 240; XXXI, p. 15
Daniel Webster	22	14 N.	11 E.	R. H. Summers, Michigan Bluff, et al.		R. XII, p. 207; XIII, p. 277; XV, p. 337; XX, p. 13
Debb	4	15 N.	11 E.	A. Fenwick Crittenden, Towle		R. XV, p. 338
De Maria	6, 7	12 N.	10 E.	C. J. de Maria, Meheon	214	R. XV, p. 338, Pre. Rep. 8, p. 22
Dewey	22	12 N.	9 E.		33	R. XV, p. 338
Dewey & Stocker	23	14 N.	10 E.	Sadie B. Howell, Auburn & Mrs. Elsie S. Jensen, Paradise	44	H. XIII, p. 277; XV, p. 338
Dog	7, 18	12 N.	9 E.	Estate of W. S. Kendall, Box 257, Sacramento	13	
Douces & Black Spanish	7	12 N.	8 E.	Walsh Estate, C. J. E. Walsh	6	
Don Prospect				John Lass & Walter J. Wren, Virginia City, Utah		R. XV, p. 338
Doner	3	15 N.	11 E.	I. R. Doner, Auburn; Lease and option: American River Gold Mfg. Co., 111 Sutter St., San Francisco		
Drummond	1	14 N.	10 E.	Estate of C. F. Reed & J. E. Walsh, Fremont Hotel, Auburn		R. VIII, p. 188; XII, pp. 207-208; XIII, p. 277; XV, p. 338
Dry Hill & Blue Jay	31, 32	14 N.	11 E.	Clementina de Maria, McKean		R. X, p. 424; XII, p. 208; XIII, p. 277; XV, p. 338; Pre. Rep. 8, pp. 31-32
Eagle	2, 3	15 N.	11 E.	Wm. M. Bree and Eagle Gold Mfg. & Milling Co., 427 Western Mutual Life Bldg., Los Angeles		R. XV, p. 338
Eclipse	17	12 N.	8 E.	Estate of F. D. Haver, 57 Fidelity Trust Co., 210 34th St., Louisville, Ky.		R. XV, p. 338
Elizabeth				John Watson, Pearya		R. X, p. 423; XIII, p. 277; XV, p. 338; Bull. 50, p. 207
Elen Dip						R. XVII, p. 448
Eureka	13	12 N.	7 E.		69	See Gold Reporter
Eureka Cone	1	13 N.	9 E.	O. F. Wm. and G. Seary, W. A. Shepherd, H. Adams & G. Collins, Foresthill		R. XV, p. 339
Eva Look	21	14 N.	10 E.	Allice S. Garrison, 1400 N. St., Apt. 2, Sacramento	7	
Evening Star	27	15 N.	9 E.	R. K. & Minnie G. Williams, Colfax		
Falls Creek				M. Berge, Foresthill		See Chicago
Fall Ravine	14	15 N.	12 E.	Flat Ravine Quartz Mine, 282 Park St., San Francisco		R. XII, p. 208; XIII, p. 278
Flat Ravine	27	15 N.	12 E.			See Three Queens
Four Aces				Black Canyon Quartz Mng. Co., C. E. B. Quilley, Auburn		See Black Canyon
Galena, Patrick & Patrick Est., Tunnel Mine						See de Maria
Garbo	2, 3	15 N.	11 E.	Esen J. & Eva Habbin, et al., 1036 34 Ave., Oakland		R. XV, p. 339

Gold Blossom	12	12 N.	7 E.	Mulvan Security Co., C. J. E. McDonald, & McDonald, Oakland		R. X, pp. 431, 432; XII, p. 209; XIII, pp. 278-79; XV, pp. 338-40; U.S.G.S. XIV R., Pt. 2, p. 270
Gold Dike				H. H. Marsh, 418 Mid St., Grass Valley		R. XXXI, p. 18
Golden Eagle				Mrs. Thos. Bailey, Box 243, Nevada City, et al.		R. VIII, p. 184
Golden Reward	17	11 N.	8 E.		20	R. XV, p. 340
Golden Rule	3	15 N.	8 E.	Ed. Vera, Applegate & E. Ekholm		R. XV, p. 340
Golden Scepter	27	14 N.	11 E.	Golden Scepter Mng. Co., E. P. Thompson, Mt. Michigan Bluff		R. XIII, p. 279; XV, p. 340
Golden Scepter						R. XV, p. 340
Golden West	34, 35	16 N.	11 E.	Aphra West, C. W. Black, 1101 Alaska Commercial Bldg., San Francisco		R. XV, p. 341
Gold King	5	15 N.	12 E.	Jas. G. Dodds, Elizabeth Bell and Nels Forthun, Westville	20	R. XV, p. 340
Great Eastern	26	16 N.	12 E.	Great Eastern Quartz Mine, 75 J. W. Hyatt, Emigrant Gap	18	
Great Western	31	15 N.	12 E.	Great Western Mining Co., Mr. Kade, Fremont, the Waters, Sec., Pier 38, North Street, N. Y.	270	R. XV, p. 341
Green	5	12 N.	8 E.	Wm. Kendall, Dutch Flat		R. XII, p. 209; XIII, p. 269; XV, p. 341
Green Emigrant	29	13 N.	8 E.	R. A. Nicol, 67 Sanchez Ave., Berkeley	10	
Hannack & Watson						See Dewey & Stocker
Hannaman				C. B. Hannaman, Auburn	120	
Hathaway	18	12 N.	8 E.	John E. Noon, Newcastle	74	R. X, pp. 428-431; XIII, p. 280; XV, p. 341
Herman	59	13 N.	12 E.	James Marfield, et al., 2619 Winkle Blvd., Los Angeles	1,445	R. VIII, p. 472; IX, p. 29; XII, p. 211; XIII, p. 260; XIV, pp. 341-342
Hermit	30	15 N.	18 E.	John Lass, Summit	30	R. XV, p. 342
Hope	17	12 N.	8 E.	George G. Johnson, R.F.D., Box 11, Auburn	11	R. XV, p. 342
Huerfville Coqs						R. XIII, p. 281
International	12	15 N.	9 E.	Patrick Malinco, Switzer Ranch		R. XV, p. 342
Joe Dandy				John Lass, Virginia City, and L. D. Heath, Los Angeles		R. XV, p. 342
Jobs	3	15 N.	11 E.	J. D. Sullivan and A. P. Crittenden, Towle		R. XII, p. 281; XV, pp. 342-343
Jones	7	12 N.	8 E.	Mrs. Martin Schabel, Newcastle		R. XII, p. 208; XV, p. 343
Kittler Coqs, et al.				Clara Volchin Rogers, R.F.D. 3, Box 203, Chico	35	R. XIII, p. 352
Lady Bedford						See Rip Van Winkle
La Follette	7	15 N.	13 E.	Estate of Henry Snyder, Grass Valley	30	R. XV, p. 343
Logan & Storey						R. XII, p. 202; XIII, p. 240
La Trinidad, et al.	34, 2	16 N.	13 E.	Curry and Montgomery, 488 Bush St., Oakland		Pre. Rep. 5, p. 33
Liberly	30, 31	15 N.	14 E.	C. W. Cross; Wm. Maguire, Nevada City		R. XV, p. 343
Little Banner	32	12 N.	8 E.	Charles Glover		R. XV, p. 343
Little Ganger	33	15 N.	9 E.	D. B. S. Wilcox, Box 272, Colfax	18	
Live Oak	23	14 N.	8 E.	Geisendorfer Estate, Weimar	60	R. XV, pp. 343
Lizard Corn	6	12 N.	8 E.	Hodge and P. A. Rows, 150 Post St., San Francisco	19	
Lost Emigrant	11	15 N.	14 E.	Lost Emigrant Mng. Co., C. Howard Pascoe, Franciscan Hotel, San Francisco		R. XV, p. 344; XXXI, p. 18
Lodquist	16	12 N.	8 E.	Mrs. Lodquist, Auburn		R. VIII, p. 488; See Palmer also
Lynn				(Part of Pioneer)		R. XIII, p. 282; XV, p. 345
Malmberg	16	12 N.	8 E.	J. Malmberg, Auburn		

* To save space, frequently only one of several names is shown in this column.

TABLE OF QUARTZ MINES AND PROSPECTS, PLACER COUNTY—Continued

Name of mine	Location			To whom assessed*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Marguerite	3	12 N.	8 E.	Unknown—old lode.		R. XII, p. 216; XIII, pp. 282, 283; XV, p. 344; XVIII, p. 45
Mary Coon	31	16 N.	12 E.	Sam Wolford, Grass Valley	60	R. XV, p. 344
McAnany	36	12 N.	7 E.	J. E. McAnany, Pearyo	64	
McBride	6	18 N.	13 E.	Mary Miller, 2167 18th St., San Francisco	18	
Midas						See Shady Run
Missa Rica		12 N.	8 E.	J. E. Walsh, East Auburn		R. X, p. 423; XV, p. 345
Mitchell				H. F. Adams, Foresthill and Estate of Ben Taber, Auburn		R. XV, p. 345
Monarch Dev. Co., Ltd.	1, 11, 14	12 N.	9 E.	Monarch Dev. Co., Ltd., 300 Call Bldg., 74 New Montgomery St., San Francisco	637	
Mullie or Mollie Stark	21	12 N.	8 E.	Mrs. Ann B. Eastwood, Newcastle		R. XV, p. 345
Moore	17	12 N.	8 E.	H. L. Mosper, R.F.D. 1, Box 1452, Sacramento	25	R. XIII, p. 283; XV, p. 345
Morning Star and Rocky Ridge	17	12 N.	8 E.	Asm. D. Tracy, 77 Mrs. W. C. Wilson, R.F.D. 1, Box 28, Auburn	6	
Mowitz						See La Follette
Nob Hill						R. XIII, p. 284
No Chunk	22	10 N.	9 E.	E. J. Power, E. J. Young and Henry F. Power, Berkeley		R. XV, p. 345
North Star	31	16 N.	10 E.	North Star Mng. Co., 70 E. J. Thomas, 564 Market St., San Francisco		
Number Two	10	15 N.	10 E.	E. A. Moody and Mr. Garety, Gold Run		R. XIII, p. 284; XV, p. 345
Ohio						R. VIII, p. 469
Old Pacific	25	13 N.	7 E.	Mrs. Maest Schnabel, Newcastle		R. XII, p. 211; XIII, p. 284; XV, p. 345
Ore Fin	7, 8	12 N.	8 E.	Mrs. Hazel P. Gridley, Auburn	95	R. XIII, p. 274; XV, pp. 343-346; XVII, pp. 445-446; XVIII, p. 7; XXIII, p. 281; Pre. Rep. 8, p. 32
Oylone						See Herman
Ostrum						See Blue Wing
Owl Creek	31	14 N.	10 E.	Mrs. Rosanna Scully, 104 W. Oak St., Stockton, California	190	
Pacific	12	12 N.	7 E.	J. E. Walsh, Auburn, et al.	6	
Pacific Slab						See under Placer Mines
Pago and Buckman						See Rip Van Winkle
Paragon						See herein, also under Placer Mines
Patrick Cons.	10	15 N.	12 E.	G. W. Snyder, Damascus		R. XV, p. 347
Pioneer Cons.	3, 4, 10	15 N.	11 E.	Placer Gold Mines Co., 818 California St., San Francisco; Bert L. Davis, Pres.; Wm. H. Radford, Sec.	736	R. VIII, p. 468; X, p. 426; XII, pp. 211-212; XIII, p. 284; XV, p. 347; XVIII, p. 392; XXIII, p. 281-282; Pre. Rep. 6, p. 32
Prairie Flower	9	15 N.	13 E.	Henry Snyder, Grass Valley	40	R. XV, p. 347
President Wilson	20	13 N.	12 E.	J. W. Cairns, Weimar	120	
Pritchard Gravel						See Blue Wing
Providence	23	13 N.	10 E.	Providence Mng. Corp., Ltd.	20	R. XX, p. 176
Quinn Sabi	8	18 N.	13 E.	Peter Himm and J. G. Daddo, Westville	40	R. XV, pp. 347-348
Rainbow	23	13 N.	11 E.	Ed Pollha, Michigan Bluff, et al.		
Rainbow Cons.	4	15 N.	11 E.	Canyon Mines Corp., c/o Frank B. Keever, Hotel Baiter, San Francisco		R. XV, p. 348; XVIII, p. 302; Pre. Rep. 8, p. 32
Rancho Darrle	20	13 N.	8 E.	G. L. Threlkel, Newcastle		R. XV, p. 348
Reciprocity	11	12 N.	7 E.	E. Meyer, Lincoln		R. XV, p. 348
Red Bird Cons.	24	14 N.	8 E.	G. A. Tubbs, Colfax		R. XV, p. 348
Red Rock						See Radstone
Radstone	24	10 N.	11 E.	Paramount Gold Mines Corporation, c/o John K. Wright, 252 S. Main St., Folsom		R. XIII, p. 283; XV, p. 348
Rip Van Winkle	29	13 N.	12 E.	J. D. Daddo, 1614 26th St., Sacramento, and heirs of Ben Burkman	42	R. XII, p. 210; XIII, p. 282; XV, p. 348
Rising Sun	33, 34	15 N.	9 E.	Bert E. Valentine	16	R. VIII, p. 462; XIII, p. 285; XV, p. 349; XVII, pp. 446-447; XVIII, p. 7; Pre. Rep. 8, pp. 32-33; XXIII, p. 282
Rosevelt	4	16 N.	14 E.	F. L. Heath, Donner, et al.		R. XV, p. 349
Rubin	34	16 N.	12 E.	Mrs. Maura Foter, McCarty & Caren, Chicago		R. XV, p. 349
Ruby	25	14 N.	9 E.	Eddie Hinthey, Weimar, et al.		R. XV, p. 350
Saint Lawrence	7	12 N.	8 E.	Heed Estate, Auburn		R. VIII, pp. 461-462; XII, p. 212; XIII, p. 282; XV, p. 350; XXXI, p. 18
Salsic	3	12 N.	8 E.			R. XII, p. 212; XIII, p. 285; XV, p. 350
Secret Tom	10	15 N.	10 E.	E. A. Moody and J. E. Everhart, J. W. Cairns, D. M. Kennedy, Weimar, and C. E. Van Giesen, Applegate	80	R. XIII, p. 285; XV, p. 350
Senator Gold and Copper						R. XIII, p. 285; XV, p. 350
Shady Run	27, 28	16 N.	11 E.	Shady Run Mng. Co., Box 469, Stockton	217	Field Report R. XV, p. 350
Sharon Cons., et al.	6	15 N.	11 E.	Le Roy F. Fitcher & Kate T. Woolsey, 1764 Park Grove Ave., Los Angeles	57	
Sheridan						R. VIII, p. 466
Smith & Fulwiler						See Balle
Snepbird	21	16 N.	11 E.	Jack Stewart, Roseville	20	R. XVII, p. 447; Pre. Rep. 6, p. 33; XXIII, p. 282
Speeddate						See Prairie Flower
Southern Cross	4	15 N.	11 E.	Mrs. E. T. Woolsey, c/o Trimble De Rood, 13 Murray St., New York City		R. XII, p. 212; XIII, p. 286; XV, p. 350
Spanish	7	12 N.	8 E.	Heed Estate, Auburn		R. XIII, p. 285; XV, p. 351
Spanish	25, 26, 30, 31	14 N.	11 E.	Mrs. E. A. Garrison, Foresthill	143	R. XXIII, p. 282
St. Lawrence	7	12 N.	8 E.			R. VIII, pp. 461-462; XII, p. 212; XIII, p. 286
Stewart						See La Trinchard
Suckem Heritage	3, 5	15 N.	11 E.			R. XVII, p. 301; XXIII, p. 249; XXXI, p. 18
Swampier						R. VIII, p. 475
Tabor Treasure	11, 12, 13, 14	14 N.	10 E.	Tabor Treasure Cons. Mines, Harvey Wis-Joe, Bend, Oregon; Schrack & Morse, attorneys, Capital National Bank Bldg., Sacramento		R. XXXI, p. 18
Texas	20	16 N.	12 E.	Hubey Estate, Towle, J. L. Gould, 1450 Middlefield Road, Palo Alto, Pres.		R. XIII, p. 286; XVIII, p. 283; XV, p. 351
Texas Hill	20	16 N.	12 E.	M. McCormack, 3016 43d St., Sacramento, et al.		

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TABLE OF QUARTZ MINES AND PROSPECTS, PLACER COUNTY—Continued

Name of mine	Location		To whom situated*	Area, acres	Bibliography
	Sec.	Range			
Texas Hill East.....	20	10 E.	J. L. Gould, 1440 Middlefield Road, Palo Alto; Fanny H. Toiles, Gold Run; Toak & Zerbe Co., 204 Bank of America Bldg., Berkeley	12	R. XXIII, pp. 250-51 R. XXV, p. 351; XII, p. 206; XIII, pp. 276-277 R. XVI, p. 351
Three Queens.....	21	12 E.	M. Savage, Forest Hill	62	Field Report R. XVI, p. 351
Three Stars.....	23	12 E.	W. H. Brown, 105 Star Ave., Folsom	34	Field Report R. XVI, p. 351
Three Bona Vista and Ruby.....	1	15 E.	Dr. W. M. Tracy, 400 Pacific Bldg., San Francisco & W. S. West, Jewell	31	Field Report R. XVI, p. 351
Two Ophias.....	20	13 E.	B. A. Frachin, Auburn	41	Field Report R. XXVI, pp. 41-19 R. XXVI, pp. 351-412
Tyler.....	14	16 E.	L. Badger, San Francisco	60	Field Report R. XVI, p. 352
Van Avery.....	19	12 E.	C. E. Van Gieson, Appleton		
Van Gieson.....	13	12 E.	H. E. Smith, J. E. Johnson, et al.		
Van Hook.....	20	11 E.	M. W. Hook, Colusa		
Wendell.....	14	11 E.	J. N. Hartman, Jr., Colusa		
White Oak.....	14	11 E.	Merchant, Eustice & Co., Woodland		
Woburn.....	22	18 E.			

*To save space, frequently only one of several names is shown in this column.

GOLD PLACER MINES

Little definite, written history of the early-day shallow placers remains, except in the names of numerous bars along the American River, where many mining camps, some of them once containing several thousand people, have disappeared. Wherever it was possible to do so (and few obstacles seemed too great to the pioneers) the waters of the main river, and of the North and Middle Forks upstream from their junction just east of Auburn, were turned from their beds to permit gleaning the harvest of millions of years concealed in these great slates. This river mining, beginning in the 1850's after the exhaustion of the exposed gravel, had been nearly finished by 1880, when the Boles and McBride Mine was the only producer reported. A few river projects, notably the working of Mammoth Bar by hydraulic elevators, were carried on afterward. In later years a few dredgers, all now out of commission, have been operated successfully on the river. For the most part, however, the bars and beds of these streams are not adapted to working by bucket dredgers, drag-line or mechanical shovel outfits because of the hard bedrock, and large boulders. Further downstream in Sacramento County, where the American River left the rocky canyon and entered the valley, the richness of its gravel is attested by the heavy production from the dredging fields of Folsom and Natoma. Several places on the main river have been prospected by divers but none of these have found gravel rich enough to pay for mining by this method, with which unit costs are necessarily high.

Following the exhaustion of the surface placers came the tracing, prospecting and intensive exploitation of the ancient river-channel systems, forming a complex network below hundreds of feet of volcanic muds and boulders. In extent and richness, the deposits of this kind worked by drift mining under the Forest Hill Divide have been equalled by no other section. The lava covering of this divide, which separates the North and Middle Forks of American River, extends from the canyon of the Middle Fork five miles southwest of Forest Hill for an air-line distance of 23 miles to Secret Canyon, where erosion in Tadpole Canyon separates it from the gravel of Canada Hill, elevation 6500 ft., and almost on the summit. South of Canada Hill, in Duncan Canyon, are a number of short, steep channels of local character, which have derived gold from nearby veins on the slopes of Duncan Peak. Coming into the Duncan Canyon drainage basin from French Meadows is a large channel about which little is known, although it can be seen where Duncan Canyon crosses it, and has been worked a little.

Drift mines have been worked along the entire length of Forest Hill Divide, and the region was noted in the 1860's as having been highly productive.

Besides this complete river channel system (having in places two or three channels directly above one another), attention must be given to the immense bodies of exposed gravel in the Dutch Flat and Gold Run districts, which are linked with the deposits in Nevada County; also to the Iowa Hill drift and hydraulic gravels, as well as to the old mines at Yankee Jim, where hydraulic mining began in this county in 1852.

Several interesting and valuable general reports have been published upon the courses, geology and correlation of the different channels. Due to the extensive post-volcanic erosion, long sections of the ancient rivers, which had been covered by andesitic mud and boulders, have been removed and re-concentrated by the present streams, in canyons sometimes 1000 to 2000 ft. below the original surface of the andesite. It is often difficult to correlate the remaining segments of channels. This can best be done by comparing characteristics revealed by actual work upon them. Some of these criteria are the fineness, color, size and coatings (if any) of the gold particles; the nature of the rocks forming the gravel and boulders; the presence or absence of some certain rock such as a highly colored quartz or jasper; the character of the volcanic ash or boulder beds which accompany the channel; and the difference in elevation of bedrock at various openings.

The most ancient of the trunk streams are often wider, more uniform in grade and in gold content (though not necessarily richer) than any of the later ones. Such channels have sometimes been worked successfully for miles as at the Hidden Treasure Mine. They are often characterized by immense quantities of quartz cobbles and boulders, due to the long continued erosion of the surface of the Cretaceous peneplain. The rhyolite ash flows which initiated the long series of volcanic eruptions, covered these stream deposits but were not in sufficient volume nor did they continue long enough, to blot out the drainage, so that inter-rhyolitic channels were at times superimposed directly over the ancient stream. Such gravels contain rhyolite pebbles and quartz and have a false bedrock and roof of rhyolite.

The later flows of volcanic mud and boulders were of more basic rock minerals (commonly classified as andesite) and of such immense volume as to completely fill and obliterate the mountain canyons. The elevation of the mountains to the eastward had meanwhile become sufficient to give the new drainage system a steep grade, resulting in rapid erosion of the andesite. The resulting channels were of no value unless or until they eroded deeply enough to reach and re-concentrate the gold-bearing gravels of the more ancient streams. This they frequently did, enriching their gravels for a short distance below the junction, so that these sections became profitable to mine.

The late intervolcanic channels, such as some of those found in Duncan Canyon, cut steep and generally narrow trenches in the sides of mountain spurs which must have been high enough to be above the covering of andesite that had already mantled the surrounding country. This bedrock, though not containing many large quartz veins, was nevertheless rich enough in gold-bearing seams and lenses of auriferous quartz to produce profitable gravel. Such buried streams are the counterparts of the present ones in the high mountains. They have waterfalls, followed by stretches of stream bed flat enough to permit gravel accumulation, and sections where the grade was so steep that no gravel remained and the later lava ash closed down directly upon the bedrock.

Morainal deposits, remaining undisturbed as they were dropped by the ancient glaciers, are occasionally seen in the high mountains. These show unassorted angular rock fragments and soil with some gold.

American Hill Mine is four miles south of Secret House on a ridge between Lost and Antone Canyons, tributaries of North Fork of Middle Fork American River. The deposit is presumed to be an upstream segment of one of the channels mined at Lost Chance years ago. The principal channel section here is reported 1700 ft. long by 250 ft. wide, with a smaller channel up to 40 ft. wide. The deposit was mined by drifting on bedrock until the late 1880's, with average results reported, but no record remains of that work. Gravel is reported to vary from 10 to 100 ft. in depth. Water is available in Antone and Big Secret Canyons, requiring several miles of ditch in each case.

Pendleton Brothers have been engaged for several seasons digging ditches to bring water to the ground.

Azalea Prospect is in Sec. 22, T. 16 N., R. 11 E., two miles southwest of Blue Canyon. *Blue Canyon Mining and Development Company* carried on prospecting here for many years, searching for a profitable channel deposit under the rhyolite and andesite capping which is a mile or more wide and extends for many miles from south of Towle to near Cisco. The adit was started at an elevation of about 3800 ft. and 589 ft. below the Southern Pacific railroad. It was run in a general northerly direction for 4700 ft. Near the face a raise 200 ft. long (160 ft. vertically) was put up, and W. J. Holmes reported this showed large wash boulders at the top. A drift was run 100 ft. from the top of this raise. Fifty feet below the top, another drift was run about 300 ft. but failed to show gravel. Only small amounts of coarse gold were produced, the last reported being \$900 in 1932. No regular channel was found. The reports concerning the property are not clear, but the adit was perhaps too low.

Bake Oven Placer. On North Fork of Middle Fork of American River, 6 miles by trail northeast of Michigan Bluff. About 60 acres of the ground was leased 1933-1935 to Woodruff and Margan and some hand mining has been done at intervals. The deposit consists of a high bench covered with gravel about 150 ft. above the present stream. Only a little prospecting has been done but the gravel deposit is believed to be 1200 ft. long, with 35 ft. of gravel and 15 ft. of overburden where opened. The small amount of work done gave returns which might pay for ground sluicing or hydraulicking if water were available.

Baker Divide (Volcanon Mining Corporation). Over a long period, little work was done on these extensive holdings on the Forest Hill divide east of the Paragon property. On the south, along Volcano Canyon, a lease was given to C. H. McCarthy on the N $\frac{1}{2}$ Sec. 20, T. 14 N., R. 11 E. This was subleased in 1929 to Volcanon Mining Corporation, who operated several years in a small way.

A narrow channel, which is reasonably assumed to be the same worked in the Hazard and Weske Mines farther upstream, crosses this leased land from east to west. A length of 1200 ft. of it was

worked up to 1884. The next claim east, the Hazard, was worked for about 3000 ft., and from the Weske Mine an incline was run downstream for a reported distance of several hundred feet into the Muir Tunnel claim, also held under lease by Volcanon Mining Corporation.

This company's work consisted of driving a new crosscut adit 290 ft. long through the south rim bedrock to the old workings 600 ft. upstream from the old adit, and thence following the channel upstream. Late in 1932, this work had extended 1000 ft. upstream beyond the old face. The channel was found to be usually 30 to 40 ft. wide, but narrowing in places to 8 or 10 ft. The gravel was from 6 inches to 3 ft. deep. The results of work had not been as good as expected and the yield reported was small. The reason was believed to be the hard bedrock found; the best pay was reported where the channel crossed soft strips. The grade was 30 ft. in a distance of 1900 ft.

Bald Mountain Mine. This occupies the upstream section of the channel worked in the Glenn Mine, between Duncan Canyon and Deep Canyon in the mountains east of Westville. (See map in Report XXI.) Little has been done except assessment work since the 1925 report. Most of the old work was along one rim as sites are lacking for an adit low enough to bottom the channel. Late in 1935, the claims were reported leased to Frederick Vinecut, San Francisco. This ground has produced some coarse gold similar to that found at the Glenn.

Big Dipper (Norman or Waterhouse & Dorn and Irish & Byrne). The upstream section of the Morning Star channel, having its inlet on the Gleason Mine in the SE $\frac{1}{4}$ of Sec. 4, T. 14 N., R. 10 E., Iowa Hill district, was worked successfully at the Norman Mine (later known by the mines above). Norman began hydraulic mining in 1858 and produced up to 1882 between \$100,000 and \$200,000. Thereafter, it was an important drift mine and was in steady operation from 1890 until 1902, producing over \$1,000,000 in that time. The channel was worked downstream a distance of 4700 ft. until a connection was made with the Morning Star mine workings.

The blue cemented gravel in these mines had to be milled. At the Big Dipper, a Bryan roller mill was used first; later 10 stamps were erected. Gravel was extracted through a bedrock tunnel 37 ft. below the channel, with raises into gravel. The original depth to bedrock was about 130 ft. A depth of 8 ft. next to bedrock was mined. Breasts as much as 370 ft. wide were opened, and posts and caps were used 8 ft. apart. Several benches above the main channel were worked on the east side; potholes occurred in the hard bedrock and these also paid well in places. In 1890 the gravel yielded \$9 per carload of 1 ton; the average of that worked was said to be \$6 a ton.

The last work done at this mine was by Stanislaus Development Company in 1917-1920. Prospect shafts were sunk and an open cut 600 ft. long by 4 ft. wide and up to 50 ft. deep was made, in search of unworked gravel. A few thousand cars of bench gravel which had been left by the previous operators probably because of its low gold content, was mined and milled.

Big Gun Mine. This old hydraulic mine at Michigan Bluff was the largest producer of 20 or more placer claims worked profitably in early days. The present holdings include the Big Gun, Thompson & Powell,

(unpatented), Red Hill and Van Emon Placer Mines (patented). Although the Big Gun was worked by hydraulic mining regularly from 1854 to 1883 and was a producer at intervals until after 1901, details of output are lacking except for the small-scale operations in which from a few hundred to \$8,000 a year was recovered between 1888 and 1901. The production up to 1882 was claimed to have been about \$1,000,000. In early days the principal mine of this ground was called the North American and was worked by the Van Emon family. First surface sluicing and then drift mining were begun in 1854. Hydraulic mining started in 1858 and in 1860 a bedrock adit 1400 ft. long was run. The introduction of nitro-glycerine at this mine in 1867 for blasting 'pipe clay' which overlay the pay gravel is said to have resulted in as much work being done by 15 men as had previously been done by a crew of 28. The company used 400 inches of water under 300 ft. head. (See also Michigan Bluff Drift and Hydraulic Mines.)

There is remaining unworked at the Big Gun over 2,000,000 cu. yds. of gravel. The old reports do not mention the yield per yard from this mine, so the gross value can not be given.

Big Spring Mine. This adjoins the Dardanelles Mine on the west, and the two claims were so located along the course of the deep blue lead as to divide it nearly evenly. The Big Spring Mine was opened in 1854 as a drift mine and was worked until the late 1880's. Part of the work was done through an adit shared jointly with the Dardanelles Mine, besides which the Big Spring adit was about 1400 ft. long. The total production is not known but up to 1882 was said to have been about \$150,000. At one time it had a 10-stamp mill.

Blue Eyes Prospect. This extensive group of claims between Deep Canyon and Spruce Canyon on the west side of Duncan Canyon, was described and mapped in R. XXI, 1925. Since then the work done has not led to any important discoveries, and lately only assessment work has been carried on.

Bob Lewis (Damascus) Drift Mine. This old mine adjoins the Mountain Gate mine on the east. It contains a cemented blue gravel channel which entered the ground from the north and flowed east of south for 2000 ft. in this claim, along the east rim of the primary white quartz channel mined in the Mountain Gate and Hidden Treasure mines. It eroded away part of the east rim of the earlier channel. This blue gravel was worked from 1860 to about 1885 by the Damascus company and a yield of from \$8000 to \$10,000 a year was reported in the later years.

The gravel was blue and cemented. It was 4 ft. thick and was worked 150 to 200 ft. wide. The stream had cut the bedrock 35 ft. deeper than in the adjoining white channel, and the gravel carried some large quartz boulders from the earlier deposit. A 10-stamp mill crushed 25 tons a day, which was mined by a crew of five breasters and one carman. The roof stood well, requiring only one post with a cap 30 inches long in each square of 30 ft. The total length of channel worked in this mine is uncertain, although a map published in 1890 indicated about 1100 ft. had been mined.

Burns Mine. Reopening of this old drift mine, one-half mile from Michigan Bluff, was started in March, 1934, by D. Young, J. Simpson

and A. M. Duulop. It had been lying idle for many years, after activity which started in early days. Details of the earlier work are lacking. It was relocated in 1887 and until after 1900 considerable work was done by *Michigan Bluff Mining Company* who had two adits, the upper one 900 ft. and the lower 1050 ft. long. An incline from the upper one reached gravel and between 1895 and 1900 some production was made, but water was reported to have stopped the work. Four unpatented claims held since that time by the old company's stockholders were believed to cover three-fourths mile of a channel which is not known to be connected with any of those worked in nearby mines, but presumed to have run south under the andesite capping.

The present operators cleaned out and retimbered the longer adit and drove a new tunnel about 800 ft. long, where gravel was reported late in 1934. A winze was sunk 67 ft. and preparations for mining were made early in 1935.

Carmack (Pacific Blue Lead) Mine. At Canada Hill about 10 miles from Westville. It was described in Report XV under the latter name. Soon after, it was sold to George Carmack, who did some further prospecting and drilling, as described in Report XVII. The principal work was in an adit reported 600 ft. long, but partly caved so that only 350 ft. of it could be seen at time of visit. Through this adit Harris worked a bench deposit of white quartz gravel 20 ft. by 60 ft. in area and 2 ft. to 4 ft. deep which is said to have averaged \$2.50 a car (weight not stated). The white gravel is on the rim of a deeper and later channel which has not been prospected. Carmack sank two shafts in search of it, one 70 ft. deep near the creek below the old workings, and one 75 ft. deep from a point 350 ft. inside the adit mentioned. His death prevented completion of the work. Part of the claims have since been patented by Mrs. Marguerite Carmack, Seattle.

Copper Bottom Mine. This is on the Succor Flat channel upstream from the old Succor Flat mine, $3\frac{1}{2}$ miles north of east from Iowa Hill. The Copper Bottom was credited with the production of \$31,400 before 1882, but much of the gravel in it is supposed to have remained unworked. There is reported to be an upper run or bench deposit about 50 ft. above the main channel, on which some work was done in 1922. The deeper channel was reached through an adit 400 ft. and a slope 300 ft., requiring a vertical lift of 120 ft. for water. The length of channel worked is unknown.

Dam Mine. This lies just east of the Hidden Treasure Mine, and while the middle section of the white quartz channel was being worked in that mine, the Hidden Treasure management bought part of the Dam claim along the course of the Dam tunnel and used it to work their own gravel.

The Dam claim contains an intervolcanic channel which is believed by some of those who are acquainted with the area to be the downstream section of the Red Point channel. They claim that this channel did not entirely cross the Hidden Treasure white channel, but followed along its east side and finally turned southeast through the Dam claim. This claim was first worked in 1858, and in the early 1880's the main adit had already been run 2700 ft. At that time it was producing about \$1,000 a month and the channel was being worked for a width of 100 ft.

Later it was worked out to the Hidden Treasure line. The data available do not definitely identify this channel with the Red Point channel, which is stated by Lindgren to have "cut through the older white channel of Mountain Gate to a depth of 90 ft. below its bedrock." It can reasonably be connected with the *Bob Lewis* channel, which was mined in the claim of the same name just east of Damascus. This channel followed the east rim of the Mountain Gate-Hidden Treasure channel and eroded it for some distance, at least, leaving the white gravel on a bench to the west.

The Dam channel cut through high bedrock at the south end of the Dam claim. In June, 1934, new work was begun to prospect for gravel which might remain between the section already worked and this high rock on the east. From a point in the tunnel 450 ft. from the portal, a crosscut was run 300 ft. to the high bedrock. No unworked deposit was found during this work, which was stopped in July, 1935, although a little gold was mined while passing through the old workings.

The claim is equipped with two small gasoline engines, a small air compressor and pipe. Besides the Dam claim of 175 acres, there is also a narrow claim 1000 ft. long extending from the tunnel portal down the west branch of El Dorado Canyon, where the dump and sluices are located.

Dardanelles Mine was opened in 1853, and was originally worked as a drift mine, but later also by hydraulicking. Erosion took away the south rim and part of the deep blue channel, permitting the hydraulicking of the entire "front" of the claim. The average height of the bank was 150 ft. and it is reliably reported that 3,630,000 cubic yards was worked by hydraulicking by 1889, with an average yield of 13 cents a cubic yard. In November, 1879, a bank blast of 36,000 lb. of Judson powder, distributed in chambers along a 1000-ft. front, broke down and shattered half a million cubic yards of gravel.

Drift mining was carried on for many years upon the deep blue lead, up to the place where a later volcanic channel is reported to have cut it off. The cemented gravel in the main channel was 5 ft. high and was mined on the average 75 ft. wide. The main channel was divided here lengthwise between the Dardanelles and Big Spring claims, the latter being on the west. It was also an important drift mine. When the Dardanelles adit reached a length of about 2700 ft. where the later channel was encountered, an incline 330 ft. long was sunk to bedrock and considerable drifting done upon this channel. The mine was involved in litigation for a long time, and few details are available regarding the results of the drift mining between 1882 and 1894. In the later work a 5-stamp mill which began work in 1888 was used to crush gravel. Electric power was used for hoisting gravel from the incline, for pumping and for illumination.

Deadwood Drift Mines (Double O). Rube Manling and associates of Michigan Bluff have been prospecting for five months (1935) on part of this property, formerly consolidated by *Double O Mining Company* (which company was suspended in 1931 for failure to pay its corporation franchise tax). They are said to have produced considerable coarse gold recently (June, 1935).

In years past many thousand feet of adits have been run to work the ancient channels in Deadwood district. The maps of these workings by which the channels might be correlated with those of the Forest Hill Divide have not been made available to the writer. It is generally supposed that the channels from Last Chance entered the present Deadwood Ridge on the east side at Devils Basin, running west and southwest across the ridge with the outlets exposed by erosion a little north of Deadwood. The channel sections which may have once extended from there westward for two miles to connect with the Hidden Treasure and later channels of the Forest Hill Divide have been completely eroded by Indian and El Dorado creeks. The correlation between the channels of Deadwood and Last Chance on one side and Forest Hill Divide on the other is made by the similarity of the volcanic cappings, and the comparison of grades. The older channel of the series has a grade of 120 ft. per mile for the two miles across Deadwood Ridge. This channel has not been as extensively worked at Deadwood as have the intervolcanic channels. Of the latter, the Rattlesnake channel was worked for about 7000 ft., having a grade to the west of 240 ft. in that distance; and the Elkhorn-Washington channel has also been extensively worked. In the later years of work (1897-1914) practically all the placer claims at Deadwood, including the Harkness, Washington, Elkhorn, Devil's Basin, Devil's Basin Consolidated, Rattlesnake and Lofruth were held under the ownership of R. Lofruth and J. E. Ferguson as the *Devil's Basin Consolidated Mines*.

Dixie Queen Mine. Since the last report,¹ this mine was worked irregularly by drifting, and during the past few seasons by hydraulicking in a small way. In 1933 Frank Escher made a short run, and since then Davidson Brothers have worked the claim.

The former drift mining was done through an adit driven 800 ft. south along the course of the channel. Breasting was done for a length of over 200 ft. and a width of 55 ft., about 15 ft. above the adit.

Dutch Flat District

The Dutch Flat gravel mining district, covering about two miles in length between Bear River and the Central Pacific Railroad, on the great ancient river deposits which extend north and south through Nevada and Placer counties, was formerly one of the heaviest gold-producing sections of the county. As at Gold Run, where the deposits are on the same old-river system, little mining has been done there lately, although considerable unworked gravel remains. These mines north of the railroad drain into Bear River, where the debris disposal problem became aggravated at an early date. As early as 1867 it was said that tailings from the placer mines there had already accumulated to a depth of 70 ft. in the river, and proposals had been made to drive a tunnel about three miles long through the ridge separating Bear and North Fork of American River to permit sending debris into the latter. Though appearing to promise great profit ultimately, this project was too expensive for private means.

Placer mining began at Dutch Flat in 1849 and hydraulicking on a moderate scale was started in 1857 on the Phoenix, American, Buck-

¹"Ancient channels of the Duncan Canyon Region, Placer County," R. XXI of State Mineralogist, 1925.

eye, Dutch Flat and Queen City claims, although some piping was done as early as 1855 on the Teaff and Boston claims. Most of these claims were small, and used only 200 to 300 miners inches of water each, but the yield was high. A production of \$150 a day was apparently the average for a claim using 250 inches of water and employing four to six men. By 1868, most of the upper, easily washed gravel was worked off. Drift mining began in 1856 and several claims, including the Blue Cut, Potosi, Whynot, and Badger paid well for years, the Badger being credited with dividends of \$192,000 in four years. In 1867 the first shaft was sunk to bedrock on the Buckeye claim, giving flattering prospects in the blue cemented gravel. The first mill for crushing this cemented gravel appears to have been put to work the same year on the Ohio claim. Subsequently most of the bedrock of the deep blue lead between Dutch Flat and the railroad is said to have been worked by drifting. The detailed history of none of these claims is to be had in available publications, and only a few were described in contemporary reports. Most of them were unpatented, and in later years were relocated under other names. The mines of the district do not appear in the lists of producers for many years after the anti-debris injunctions until 1895, when the *Southern Cross* and *Polar Star Mines* worked alternately both by drifting and hydraulicking, were credited with small outputs. They continued active until after 1900. In 1900, the *Polar Star* was using 2800 inches of water under 450 ft. fall, with 8-in. and 9-in. nozzles. There was only sufficient water to permit work five hours daily with two nozzles of these sizes in the spring of that year. This work was done in the cemented, coarse gravel in the lower part of the channel. A log crib debris dam in Bear River was used jointly by this mine and Liberty Hill mine in Nevada County. Drift mines that were active about the same time were the Dutch Flat Blue Lead, working in the bottom cement gravel which was crushed in a 10-stamp mill; the Alta Mine and the Bartley Consolidated, on the branch channel coming down from Alta, on the east side of Little Bear River. Both of these produced low-grade gravel, considered from the drift-mining standpoint.

The main deep channel between Indiana Hill and Little York in Nevada County has bedrock which rises 100 ft. in a distance of four miles from the south end to the town of Dutch Flat, but in spite of this, it has been considered by many that the stream flowed north. Near Dutch Flat railroad station it turned from its previous northerly course to the west, crossing the present Bear River about one mile west of Dutch Flat. Smaller channels entered the district, one from Liberty Hill in Nevada County running through Elmcre Hill, the *Polar Star* and *Southern Cross Mines* and under the town in a southerly direction. The upper gravels in this were fine or medium but on and near bedrock many heavy boulders were found. Another channel entered from Alta through the Bradley & Gardner, Bartley and Mutual claims. In the main channel, having a depth of around 300 ft., the lower part was of coarse blue cemented gravel 100 to 200 ft. deep. In the branch channel from Liberty Hill, the coarse, cemented bottom gravel left after early hydraulicking at the *Polar Star* and *Southern Cross* was from 60 to 160 ft. deep. The total superficial area of gravel at Dutch Flat was about one square mile.

Jarman in his report to the State Hydraulic Mining Commission (1927) estimated that if the channel trough maintains the same cross-section here as at Gold Run and Bear River, there remains about 34,573,000 cubic yards of gravel. It has been estimated¹ that in all 105,000,000 cubic yards have been washed at Dutch Flat, Nary Red and Elmore Hill. This was mostly top gravel, though work was carried to bedrock in pits on the Southern Cross and Polar Star. William Nicholls, who did this deeper hydraulicking, estimated that where the deep ground had been previously drifted it produced 25 cents a cubic yard by piping, and where not drifted the yield was 40 cents a cubic yard. In some of the later drifting at a nearby claim, a thickness of 15 ft. next to bedrock was said to give from 90 cents to \$2.50 a carload (presumably one ton).

The total production of the Dutch Flat mines can only be guessed. Writing in 1867, J. Ross Browne stated the shipments of gold for the first six months of that year from Dutch Flat totaled \$307,600 and said that in 1858 "the monthly gold yield was thrice as great as now." The camp was one of the leading hydraulic producers for 12 years before 1867, and had a record of a dozen or more small mines which had been in steady operation every season for periods of from 6 to 12 years, producing \$100 to \$200 a day (gross) each for 6 to 8 months annually. The figure of over \$3,000,000 production at times credited to the district therefore seems too low, and \$4,500,000 to \$5,000,000 is probably much nearer the mark.

Dutch Flat Townsite. In 1933, Francis G. Fabian and associates of the *Enterprise Leasing Company* obtained mining rights under a number of lots in the town of Dutch Flat, as well as under school property and the streets, for the purpose of prospecting the unworked gravel deposit on which the town was built. A shaft was sunk about 125 ft. and considerable drifting was done in 1934, with a production of less than 100 ounces of gold reported. In 1935 these parties quit the project, and in August, 1935 Lyman Gilmore and associates were reported to have filed a mining location on the deposit, or so much thereof as had been excluded from the grant made in 1867 for the townsite.

There is a mill and other machinery which was placed on the property by the former operators. The *Federal Drift Mining Company* as late as 1915 prospected the deposit through a nearby shaft.

El Dorado Drift Mine. This old mine at Startown, one mile from Last Chance by trail, has been worked only in a small way in late years, though formerly the largest producer of the district. The geologic conditions revealed here underground are very interesting and have apparently never been adequately described. Work began in the 1850's and the most of the production was made before statistics were regularly kept.

Three channels occur in the property, lying almost directly above one another. The lowest and youngest is the El Dorado channel, but the Sharpstick channel lying 9 ft. above it was first worked for 3000 ft. to where it was cut off by the El Dorado channel. The former channel has a pipe-clay roof and carries large boulders. El Dorado channel

was a steep, narrow mountain stream from 10 to 100 ft. wide, but usually being under 25 ft. wide. It carried a scanty amount of gravel, which is absent in places, where the andesite is in contact with the hard schist bedrock. Pay was found in this channel near where it cut the older one. Gold in it is coarse and nearly all in crevices in the bedrock. The main tunnel followed it 5200 ft. At a point 4500 ft. from the portal the El Dorado channel branched, and a branch drift was run on the left fork, northeast, for 900 ft. The general course of channels is southeast and the bedrock rises about 125 ft. going from the portal to the face of the left fork of drift, a distance of 5400 ft.

The Big channel is 42 ft. above the El Dorado channel and was cut off twice by it. This channel has a maximum width of 800 ft. and has been worked through raises from the El Dorado tunnel for a length of 1800 ft. in this property. The gold content was found to be spotted, but generally low, and the gravel was partly cemented.

Other important old mines in the district are the *Pacific Stab*, $1\frac{1}{2}$ miles southwest of Last Chance, where the Big channel was found to be cut by a later one 3500 ft. underground; and the *Home Ticket*, described herein.

Excelsior Claim had the first shaft sunk near the middle of the lava cap, one-half mile west of Forest Hill, in search of the main deep channel. This struck bench or rim gravel, and the company installed a steam power plant for hoisting and pumping, and a mill for crushing gravel about 1880. Unlike the *Mayflower Company* which put down a shaft shortly after from their old hydraulic pit to gravel on the same west rim a mile and a half upstream, and then began a long bedrock tunnel to bottom the deep gravel, the Excelsior operators sunk an incline called the Excelsior slope, from which considerable production was made until they were driven out by water.

On the *Independent* claim, next upstream from the Excelsior, an incline was also sunk, but in this case from the southeast rim. This bottomed the channel at 2696 ft. elevation, not far from the foot of the Excelsior slope. The two claims together had less than 1000 ft. of channel. The section of this deep cemented channel upstream from the *Independent Slope* in the *Independent*, *New Jersey* and *Jenny Lind* claims (*Jersey Consolidated*) was not opened until 1915, when a new company, *Excelsior Gold Mines Company* obtained control of the claims by buying control of *Reamer Consolidated Mining Company*, which had held the claims for many years. Between October, 1915, and February, 1918, a total of \$253,817 in gold was produced by Excelsior Gold Mines Company of which \$212,123 was reported as coming from the *Independence*, *New Jersey* and *Jenny Lind* claims, where about 1200 ft. of channel was worked. Stockholders of the Reamer and Excelsior companies had a lengthy dispute regarding the accounting for proceeds of operations, and many details are lacking. From what can be learned, however, this gravel must have yielded about the same average gold return as in the *Mayflower*, i. e., \$7 to \$8 a ton. It was said to have been much richer in places.

The work was done through the *New Hope* tunnel, with its portal in Sec. 35 and running upstream in bedrock below the gravel. This tunnel was 4786 ft. long when it reached the *Garland Mill Slope* claim; how much farther it was run in that claim is not known by the writer.

¹ House Executive Documents 2d Session, 51st Congress, Vol. 36, pp. 83-86, 1891.

It permitted draining the Excelsior and Independent Slopes and the working of the channel thence upstream through raises, from which breasts were opened for a width of 100 to 150 ft. in the Reamer Consolidated claims. Excelsior Gold Mines Company quit work in December, 1918, and it was reported then that they had "lost the paystreak." In 1919-1920 Haines Grilley as trustee did considerable more work, amounting to over 1000 ft. and advancing about 400 ft. upstream, giving a total length of a mile or more. He reported low-grade gravel, with the rims far apart. Since then, work has been intermittent and production small.

It was in the claims discussed (Independent, New Jersey and Jenny Lind) under the town of Forest Hill, that the pioneer miners found exceptionally rich gravel in the Forest Hill channel, a primary stream deposit of which about one mile in length, flowing west through the west half of section 36 and east half of section 35, remained between the canyon slope and the deep blue lead. These claims had made the following reported productions before 1868 from one-half mile of this channel and its benches:

Independence	\$450,000	(3500 ft. of tunnel)
New Jersey	\$850,000	(from an area 500 ft. by 400 ft.)
Jenny Lind	\$1,100,000	

The hope of finding the western segment of this channel, beyond the point where it had presumably been cut off by the deep blue-lead, has been the incentive for much of the work done since the death of J. W. Reamer, a pioneer operator of the Jersey Consolidated. His widow consolidated and held finally all of the claims between the Dardanelles and the Core claims, including the old Baltimore Consolidated and Forest Hill Slope, which had been sold at sheriff's sale in 1868 to Alvinza Hayward. These claims became the Reamer Consolidated in 1902 and passed, as noted above, to Excelsior Gold Mines Company in 1915, and finally into the hands of W. F. Detert, now deceased.

The Excelsior company in the last operations on the blue cement channel used stamps for crushing the fine gravel and a tube mill for scrubbing the boulders. Large lumps of cemented gravel and coarse pieces of bedrock were crushed in a rock breaker before stamping.

Flora Dean (Glencoe) Mine. Prospecting on a small scale is carried on irregularly at this old mine north of Ranch Hill in Iowa Hill district. In 1935 a raise was being put up in a branch adit about 1300 ft. from the portal of main adit.

The channel on this claim was considered a tributary of Succor Flat channel. In early days the Glencoe mine was credited with a production of \$13,400.

Georgia Hill Mines. These old mines, near Yankee Jim on Devils Canyon, were last actively prospected in 1919-1923 by Georgia Hill Gravel Mining Company, Incorporated, which had 757 acres under lease. An adit, designed to bottom the channels and permit drift mining, was run south, starting on the Trafton claim and entering the Kerr claim. At the time of visit in 1921 this adit was 1400 ft. long, and is reported to have been run about 500 ft. farther the next year. At a point 850 ft. from the portal, the adit was directly under the face of

the old hydraulic pit, and 175 ft. vertically below the bedrock surface. At 1350 ft. in, a raise was put up 206 ft. and from its top an upper level had been run 22 ft. south and 136 ft. west at time of visit. It was entering gravel carrying heavy granite boulders. The steep grade indicated has been explained by some as due to the raise being put up through a bedrock island in the channel. At any rate, the company discontinued work without making any discovery of good pay. Besides those named, the Buchanan, Arnbruster, Gillespie and Adams claims were included in the lease.

Gleason Consolidated Mine. At Wisconsin Hill, two miles south of east from Iowa Hill adjoining the Big Dipper. The Columbia claim, worked by James Gleason as an hydraulic mine, was the principal one of the group, and had made a reported gross production of \$350,000 by 1880. The Ravine and Tenyke claims are said to have produced \$113,000 more up to that time. For some time after, the ground was worked by Chinese and their output is unknown. The upstream part of the Big Dipper-Morning Star channel was exposed on the Gleason ground by erosion in Refuge Canyon, and the work exploited the main channel and bench gravel. Refuge Canyon, into which the mine tailing was dumped, also produced much gold up to 1897. At the Gleason a bank 220 ft. high was worked, with the main channel about 325 ft. wide, and a much greater width of bench gravel. In later years lessees have made some production. In 1933, the last of these, *Goodman Mining Company*, began producing gold from drift mining and have since been realizing substantial returns, up to the fall of 1935, when four or five men were working.

Glenn Mine has been for many years the principal producer in the Duncan Canyon region, in the mountains six miles east of Last Chance, and reached by 55 miles of road from Auburn. Gold has been produced intermittently since 1919. The channel courses south and southeast from the Bald Mountain mine to Duncan Canyon. About a mile in length lies in the Glenn mine, and the larger part of this has been prospected or mined through a series of adits at different levels, from 5000 to 5345 ft. elevation.

The channel is steep and narrow and the gravel is mostly of hard schist from the bedrock, with little quartz in it. In the lower workings the gravel was 12 to 15 ft. wide and from 0 to 2½ ft. thick, being overlain by coarse volcanic sand, which in places closes directly down upon the hard, polished schist bedrock. The gold there was mostly in the crevices of the bedrock. In the upper workings a width of 35 ft. was breasted. In the Shields tunnel a crevice 22 ft. by 55 ft. yielded \$9000. In a length of 1500 ft. in this tunnel the channel raised 140 ft. This included many sheer drops of several feet, which were evidently waterfalls in the old stream, and not faults. In sections with flatter grades gravel accumulated. It is a late pre-volcanic channel which collected coarse gold from the erosion of the nearby mountain region, where gold occurs in seams and stringers.

The mine has been worked most of the time in late years by different lessees with small crews. It was active in 1935 and for some years has been producing from \$2000 to \$10,000 a year.

The mines in this section of the county were described, and a map of the district was printed in our quarterly, 'MINING IN CALIFORNIA,' for July, 1925.

Gold Run District.

The Gold Run-Dutch Flat ancient channel section has been divided by the erosion of modern streams into two sections, separated by the ridge occupied by the Central Pacific Railroad between Gold Run and Dutch Flat. The drainage to the west is into Bear River, and to the east into Canyon Creek and North Fork American River. On the eastern section between the railroad and Canyon Creek, both hydraulic and drift mining were extensively carried on, but although much gravel remains unworked there has been little activity in recent years.

The best estimates of the total amount of gravel mined in this section are necessarily only approximate, as very few of the old hydraulic miners had an accurate idea of the yardage mined. Estimates given by government investigators in 1891 indicate that 84,750,000 cubic yards had been mined. The later and more careful work of G. K. Gilbert in 1908 led him to believe that previous figures for the yardages mined in the American and Yuba River drainages should be increased by 51% and if this correction is applied to the Gold Run district it would indicate a total of about 128,000,000 cubic yards removed.

As a result of the uncertainty concerning the yardage mined, it becomes nearly impossible to arrive at accurate estimates of yield per yard. In 1871, Professor Pettec estimated that 43,000,000 cubic yards mined by hydraulicking up to that time had yielded \$2,074,356 or 4.82 cents a cubic yard. This was the low-grade top gravel. The above total production was arrived at by adding 50% (on account of gold thought to have been sold outside) to the amount of gold sold to Moore & Miner, bankers at Gold Run between 1865 and October, 1870. Later figures for production and yardage are conflicting. In 1872 incomplete figures were kept for two companies which do not show yardages handled or duty of water, but from which a yield of from 8 to 15 cents a cubic yard may be estimated by figuring water duty as high as five or as low as two cubic yards per miners inch daily. Lindgren stated¹ "The yield per cubic yard of hydraulic gravel is said to be 11 cents." His report was written after hydraulic mining had been enjoined and the source of his figures is not given. By 1873, these deposits had been worked down to a level where the natural outlets of the upper part of the district were becoming choked with tailings, and work had been started on a drain tunnel from Canyon Creek by *Gold Run Ditch & Mining Company* which with its branches finally aggregated over 4000 ft. in length. Little has been recorded concerning the later hydraulic mining. One run of 60 days made in June and July, 1908, resulted in a production of \$64,564.81 from 237,400 cubic yards of the cemented bottom gravel in a place not previously drifted. This was an average of 27.2 cents a cubic yard for a depth of 80 ft., where considerable dynamite and black powder were used for blasting and 2000 miners inches of water under 450 ft. head was employed.

The mining claims of this district, once said to have been worked by about 40 small companies, came in later years under the ownership of a

¹ Lindgren, W., U. S. Geol. Survey, Prof. Paper 73, p. 145.

few, of which *Stewart Gravel Mines* has the largest acreage, other owners being *Nicholls Estate Company*, *J. L. Gould* and *Gold Run Ditch and Mining Company*.

The cemented gravel or 'Blue Lead,' occupying the deep trough under the deposit of loose and finer material mined by hydraulicking, was worked extensively by drift mining from the south end, where the river canyon exposed the deposit. Hydraulicking at this end, called *Indiana Hill*, started in 1857 in a small way, but the claim of *Indiana Hill Blue Gravel Mining Company* was worked from 1854. They erected an 8-stamp mill for crushing the cemented gravel in 1864. For three years, 1872-1874 inclusive, this company produced 19,997 carloads of gravel which yielded \$75,422.47 or an average of \$4.71 a ton,¹ with a profit of \$2.17 a ton. The previous production of the claim was estimated at \$125,000. Between December 1, 1874, and August 21, 1875, *Indiana Hill Cement Mill and Mining Company* produced \$56,446.47 at an operating cost of \$24,000. From 1876 to the end of January, 1879, *Indiana Hill Placer Mine* produced \$152,225.90. Details of later production are not at hand, but the total is reported at \$750,000. Details are lacking regarding the numerous other claims worked in the district, mostly by hydraulicking.

The upper beds of gravel in this immense deposit vary from a width of a few hundred to 3000 ft., averaging one-half mile, and with a length of about 12,000 ft., of which about 1000 ft. has been worked entirely to bedrock beginning at the lower end of *Indiana Hill*, and in the *Indiana Hill* pit about 1600 ft. long by 2000 ft. wide was worked out completely. In addition, most of the top gravel is gone from the rest of the claims, and the bottom has been drifted to an extent not exactly known. The upper gravel was ideal for hydraulicking, with no overburden nor very large boulders. The maximum depth to bedrock was 300 to 400 ft. There remains unworked in the deposit an amount of gravel that has been variously estimated by different parties as follows:

46,000,000 cubic yards of hydraulic gravel ultimately available. (House Executive Documents, 2d Session, 51st Congress, 1890-91, Vol. 36, pp. 83-86).

92,000,000 cubic yards (estimated, Lindgren, P.P. 73, U. S. Geological Survey, p. 145).

75,000,000 cubic yards (Arthur Jarman, Report of the Hydraulic Mining Commission of California, 1927).

In 1874, *Indiana Hill Blue Gravel Mining Company* was working the bottom gravel by drifting, through an adit then 1600 ft. long. They wore then "carrying forward a 'breast' 110 ft. in width and taking out from 6 to 7 ft. in depth of gravel inclusive of the bedrock picking." They employed 25 men who extracted from 40 to 50 carloads, containing 1600 lb. of gravel each, in 24 hours. This was coarse, cemented blue gravel containing many large boulders. In places a height of 10 ft. was breasted. This deep blue lead has been only slightly prospected between the *Indiana Hill* drift workings and the railroad, between which places it is believed to be continuous, with a grade of 25 ft. per mile.

¹ This does not include boulders stored underground.

Golden Fleeco Prospect is on the lava-covered ridge between Westville and the Hogsback claims. As at the latter, an adit was run from the north side of the ridge in a southerly direction in search of gravel. This adit was about 3300 ft. long and encountered what was reported to be a bench deposit of white quartz gravel, in which about 1000 ft. of the adit was run. A winze into deeper ground is said to have been stopped on account of water. The course of the supposed intervolcanic channel through this ground has not yet been proved.

Gould Mine. In Sec. 23, T. 15 N., R. 10 E., about 3½ miles northeast of Iowa Hill, in Indian Creek Canyon. The Gould channel which flowed southwest toward the Strawberry Mine, has been prospected for a number of years through an adit with a total of about 2600 ft. of work done. The production has been a few thousand dollars.

In the course of the work two other small channels were encountered named Success and Flying Dutch channels both claimed to be earlier than the Gould channel. The latter was prospected to within a short distance of the line of the Bee claim which lies between the Gould and Penn Valley mines.

Grey Eagle Mine. The intervolcanic channel in this property on the extreme west end of the lava-capped Forest Hill divide near Spring Garden has been prospected extensively through adits from Owl Creek on the north, as described in Reports XIII and XV of the State Mining Bureau. The longest adit was run after a shaft had been sunk 360 ft., and it was supposed this shaft had bottomed the channel. After the adit had been run it was found, however, that the channel had not been bottomed and the adit was too high. This adit was a crosscut for 3000 ft. more or less, and was run 4000 ft. more upstream. The last work was done in 1915-1916 by *California Chief Development Company*. The channel was prospected more thoroughly at this time, and considerable of the cemented gravel was run through the old stamp mill, but the average returns were evidently not satisfactory as the owners quit work soon after.

Hard Climb Prospect. This is reached only by trail from the Glenn or Pine Nut Mines and is on the east side of Duncan Canyon on what is generally identified as a segment of the Chalk Bluff channel which here ran nearly parallel to the present course of Duncan Canyon, which has eroded away much of it. The data on which this gravel is connected with deposits in nearby mines are probably not sufficient to permit a definite conclusion. So far as known, no complete line of levels has been run to connect the various openings. It is quite possible that some of these mines are on bench deposits of earlier age than others, though all are parts of the deposits of the great river that flowed from this section to the Ralston Divide.

At the Hard Climb a number of short adits have been run, varying from 155 to 213 ft. long at time of visit, exposing channel gravel deposited by a stream which flowed S. 37° W. as indicated by shingling of the gravel. The channel is about 300 ft. wide and carries little quartz among the boulders, which are of bedrock material. Over 1000 ft. north of the north adit a shaft was sunk 45 ft. on the west rim. Though the money spent on development has exceeded the amount

saved, some of the gravel is said to have yielded as much as \$4 a ton (old price). There is a ditch 2500 ft. long but little water is available.

Haskell (Gaylord) Placer Mine. This is 2½ miles southwest of Auburn. The intervolcanic American River flowed through this property, depositing gravel of two different periods. The earlier channel was considerably eroded, so that only remnants in the form of benches remained. Several of these bench deposits, of which the larger were 150, 175 and 325 ft. long, were worked between 1900 and 1906. Few details of earlier work, which was carried on irregularly and in a small way for years, remains. The Haskell Gold Mining Company, owners, quit work in 1897 and later work was done by lessees. The principal pay came from the earlier channel benches. The channels were covered by andesite and the pay gravel was cemented, and was crushed in a Huntington mill. Gravel was breasted to a maximum height of 5 or 6 ft. and a width of from 25 to 150 ft. The total production is claimed to have been over \$115,000.

An adit was run 1100 ft. to prospect the deeper and later channel. There seems some doubt as to whether or not this adit reached the bedrock, but according to Lindgren the trough of the channel was followed 500 ft. upstream and was found to be filled with andesite sand, with little gravel, and that of low gold content. East of the road 3000 ft. of work was done through old adits, besides the crosscut run from the deeper adit to work bench gravel. A number of prospect shafts were also sunk upstream east of the bench workings, but no gravel was breasted from these.

Hidden Treasure Mine. This old mine, the largest producer among the drift mines of the state, has been described so many times that it need not be covered in detail here. It was discovered in 1875 by William Cameron. The late date of finding this southern end of the deposit was due to the fact that a late volcanic channel, coming down the ridge from the north on the east side of the primary channel, had eroded away the gravel on the outlet end of the latter, leaving no white gravel exposed. Cameron based his calculations for a tunnel on the elevation of the Mountain Gate workings, on the north end of the channel, and was fortunate in striking the bedrock of the white channel in 600 ft. Thereafter, the mine was worked profitably for 32 years, with a gross production reported as a little over \$4,000,000.

The mine was worked on a large scale and became a model of drift mining, with many improvements in practice, and low costs. The earlier work was done through a tunnel with its portal at Sunny South. This tunnel followed the channel upstream, partly in gravel and partly on bedrock for about 8500 ft. It had an average grade of 18 inches in 100 ft. The gravel was loose, free-washing white-quartz gravel on soft bedrock, neither requiring much powder, which was used almost entirely for breaking boulders and bedrock. A crew of 120 men mined and washed 275 one-ton carloads of gravel in 24 hours, at a total cost of 99 cents to \$1.10 a ton in 1889-1890, when gravel was being mined 7700 ft from the portal. Two-thirds of the crew were Chinese, who were paid \$1.75 a day and are said to have been good miners; white men received \$3 a day. Loaded cars ran out by

gravity to the dump. Timbering was an important item of expense, because of swelling bedrock. Both the main tunnel and the breasts had to be closely timbered.

Work through the tunnel having its portal at Sunny South continued until 1896, when the quartz gravel was cut off by the later blue gravel channel worked in the Dam Claim. It was soon after that part of the Dam claim was purchased and the site of work was moved into the Dam tunnel with its portal at Centerville. This tunnel was run on the Dam channel to a length of 6000 ft., then run on a slightly steeper grade for 2000 ft. farther, to reach the older channel, the bedrock of which was 32 ft. above that of the Dam channel. The white quartz channel was picked up again 200 ft. beyond the place where it was found cut off by the blue channel. Thereafter, both channels were worked, furnishing from 250 to 350 tons of gravel and 25 to 30 tons of waste a day. The ground was finally worked out up to the Mountain Gate, the tunnel reaching a length of about 10,100 ft. by 1902. Electric power was generated at the property during this later work by utilizing water under 850-ft. head. This power was used for running an electric locomotive which hauled gravel trains of 15 to 30 carloads each, and for hoisting, pumping, etc. To work the blue gravel it was found necessary to sink a winze from the main tunnel, and from these winze workings a width of 150 ft. and a length of 1400 ft. was reported having been opened by 1901, when the blue channel was producing 100 carloads of gravel a day. The white channel widened in this section so much that No. 5 gangway, 7000 ft. north on the main channel, was run west 1100 ft. and then northwest 440 ft. to work gravel on that side. This channel had an average grade of about 70 ft. in one mile. Generally speaking, with exceptions as in the case noted above, it was breasted about 250 ft. wide and 4 to 7 ft. deep including one foot or more of soft bedrock. The yield, and the cost of operation, varied considerably. Gravel carrying as little as 50 cents a ton was washed, but the average gross yield for the first 7700 ft. was \$1.75 a ton. The average yield per linear foot of channel is said to have been from \$184 to \$244. The total amount of dividends is unknown; for 11 years, 1877 to 1887, inclusive, \$268,092 in dividends was paid from total receipts of \$898,699.43.

Hogsback Prospect. This is $2\frac{1}{2}$ miles east of Westville and is thought to be on the Red Point intervalleinnia channel, the nearest workings on which are three miles west of this land.

In the 1890's the Hogsback ground was prospected by three adits driven southeastward from the north slope of the ridge near the west line of Sec. 2, through bedrock. The longest of these adits was run 2900 ft. or more and a raise was put up 152 ft. Some gravel was found at the top of the raise, and an area of 30 ft. by 40 ft. which was worked is said to have prospected well, but according to J. A. Ferguson not enough work was done to learn much of the size of the channel and its possibilities.

Home Ticket Drift Mine. Since October, 1933, parties reported to be connected with *Black Bear Consolidated Mining Company*, a Nevada corporation, have operated this old mine $1\frac{1}{2}$ miles northeast of Last Chance. It had been extensively worked years ago through an

adit nearly 5000 ft. long, from which much breasting was done to a height of 7 ft. along a channel 300 to 400 ft. wide. This previous work, which began about 1855 to 1860 and continued until 1918 in a small way, was stopped when the channel was cut off, and the remaining gravel could not be profitably mined on account of high costs during war time. In 1921, Threlkeld and Davis began sinking an inclined winze from the adit level about 4000 ft. from the portal, in search of a deeper channel thought to underlie the one previously worked. This work was abandoned before completion.

The recent work has consisted of mining and milling cemented gravel left in old mine pillars and on the rim, at places 2000 ft. to 3000 ft. from the portal. Gravel was drilled and blasted with 40% dynamite, and eight men on a shift, including one timberman and one mule driver, were reported to have mined and delivered to the mill 28 to 32 carloads of about one ton each during the winter of 1934-1935. A Krogh gravel mill with a capacity of about 70 cubic yards in 24 hours, is operated by a 25 h.p. diesel engine. This mill has screens with one-fourth and one-eighth inch slots, and about 60 ft. of sluice is used. Water from Grouse Canyon is brought $1\frac{1}{2}$ miles by ditch. The supply runs short in late summer, and only two men were employed underground when visited in August, 1935.

The old production figures for the Home Ticket mine are not available but according to Dave Ray who operated this and other gravel mines in the district for many years, the mine produced about \$200,000 before 1920. In 1934, the production of nearly 500 fine ounces put the mine in third place among the placer operations in the county.

Iowa Hill Gold Mining Company. A stock company based on the General Grant and adjoining gravel mining claims in Iowa Hill district, Sections 27, 33 and 34, T. 15 N., R. 10 E. A number of old hydraulic mines along the Indian Canyon front in these three sections were productive before 1880.

This company reopened an old adit and advanced it to a total length of 1600 ft. with a raise 70 ft. into gravel. Work has been going on intermittently for some time, but principally in 1934 and the first half of 1935. In September, 1935, work had been suspended. The gravel is cemented.

Equipment on the property when work was stopped included an 8-ft. Price mill, Dorr classifier, trommel, two Deister concentrators, air compressor direct-connected to a diesel engine, ore cars, tractor, trucks, drill sharpener, electric generator (with diesel power) and several buildings. Less than 1000 cu. yd. of gravel was produced before work was halted.

Jack Robinson Claim. This is one of the Blue Eyes group, bordering on Duncan Canyon just above Spruce Canyon. In 1924-1926 work was renewed on an old adit which had been started in coarse gravel above bedrock some years before. This was run 1300 ft. without bottoming the channel. It is quite likely the same channel found in the Dixie Queen Mine. (See Report XXI, p. 277.)

Long Point Mining Company (Jupiter Drift Mine). The Long Point channel, which ran about southeast through the west half of

Sec. 35, T. 15 N., R. 10 E., then south through Sec. 2, T. 14 N., R. 10 E., in the eastern part of the Iowa Hill district, has been worked for about a mile from the south end. It was mined for a width of about 60 ft. and was spotted in gold content, going as high as \$18 a car, or \$200 a running foot in places. The gross production was about \$200,000. About 1800 ft. of channel was worked under the supervision of Wm. Ross of the *McGeachin Company* about 1909 to 1912.

Long Point Mining Company for several years has been prospecting upstream on this channel. In the summer of 1935 their adit was 3400 ft. long. According to F. Huntington Clark, manager for this company, which controlled at the time a mile and a half of the channel under lease, a volcanic channel had cut below the bed of the Long Point channel above the old workings and had eroded the channel for some distance. In going upstream through this later barren material, remnants of pay gravel were occasionally found, but the channel had not yet been found intact. The work at the time was several hundred feet south of the south end of the Golden Streak claim. Some gold was produced in 1932.

Lost Camp Hydraulic Mine is two miles by road from Blue Canyon, at an elevation of 4300 ft. The channel contains interbedded layers of soft rhyolite tuff and free washing white quartz gravel, and has no soil overburden. The boulders are mostly of quartz and are medium-sized.

The Slums Cut on Texas Gulch on the rim on the northeast side of the deposit is said to have paid well for ground sluicing. The Miller Cut, on the rim on the southeast has an area of about two acres. Boston Cut, on the Blue Canyon side, was also worked over an area of about four acres and a maximum of nearly 100 ft. deep. Some drift mining was done after the cessation of hydraulicking. The work upon the property was done over such a long period and by so many different people that no definite idea of the production is obtainable. The gravel is supposed to have paid for hydraulicking, and at times some coarse gold was found. About one-third mile of channel, 50 to 75 ft. deep, remains. In view of the lack of data regarding the value of gravel, and the fact that considerable of the best pay was taken out by drifting, the amount that may remain that will pay to work by the hydraulic process is uncertain but may amount to several million cubic yards, depending on the width mined.

During 1934 and 1935, a company of Sacramento people have had a crew of men at work preparing this mine for a resumption of hydraulicking. A sluice tunnel has been run and buildings have been erected. Besides a water right claimed in years past on Blue Canyon Creek, water can be purchased for six months in winter and spring from Pacific Gas & Electric Company. There is ample room for tailing storage in Blue Canyon Creek. Some tests of the gravel made in 1934 yielded a few hundred dollars in gold. J. O. Ziegler is president and George F. Bnell is in charge at the mine.

Macedon Prospect. This is on the Whiskey Hill channel, next downstream from the Whiskey Hill (Greek) mine, and is one mile south of Secret House. A length of about one-half mile along the channel is presumed to lie in the Macedon. The old Greek tunnel,

through which about 600 ft. of the channel in the adjoining mine was worked in the 1860's, was reopened in 1921 and was continued a reported distance of 200 ft. downstream in the Macedon, with a small production. It is a narrow, steep channel carrying coarse gravel and some coarse gold.

Mayflower Mine. The original Mayflower Mine had an area of 370 acres. Over a long period, however, one after another of the old drift and hydraulic mines of the Forest Hill and nearby districts have been absorbed until the present holdings of Mayflower Gravel Mining Company exceed 3000 acres. Among the claims owned are the Texas, Sacramento, Washington, Garland Mill Slope, Excelsior, Hope, Uncle Sam, Green Spring, Live Oak, Small Hope, New Jersey (mineral rights), Brushy Slide, Dardanelles, Oro and many less well known. Several of these were important producers and have been described in past reports, to which reference should be made.

Mayflower Mine was worked first by hydraulicking. Later it was an important drift mine, working the same channel as the bottom lead in the Paragon, with which workings the Mayflower drifts finally connected about 1897. The principal production, about \$1,600,000, was made between 1888 and 1899 inclusive. The gravel ranged from 2 to 14 ft. thick, is said to have yielded an average of \$7 a ton, and was worked for an average width of 75 ft. It was cemented and was crushed in a 20-stamp mill which had a capacity of 6½ tons per stamp-day, using 850-lb. stamps dropping 100 times a minute. The battery screen was iron plate punched with holes 0.2 inch diameter, and in place of amalgamating plates grooved boards were used in front of the stamps, with quicksilver in the grooves.

The Mayflower operators worked downstream on the bottom or main lead to the boundary of the Garland Mill Slope claim (then under other ownership), as well as upstream to the Paragon line. The amount of work done on the upper lead, 150 ft. above the bedrock of the main channel, is not known to the writer, although at one time it was supplying considerable gold.

Some interesting figures for the Mayflower were quoted by John Hays Hammond. From December 11, 1888, to September 24, 1889, a total of 33,787 tons of gravel was mined from a length of 1620 ft. of channel and yielded on crushing \$272,616.50 or \$8.06 a ton.

McGeachin Placer Gold Mining Company, Sacramento. This company owns a number of the placer mines of the Iowa Hill district, including the *Jupiter Consolidated, Irish and Byrne, Winchester, Schmidt, Insolvent and Dolly Varden, Morning Star, Pritchard, Hazelroth* and others less well known with a total of 1684 acres shown on the assessor's rolls, as well as the Grizzly or Big Dipper, Zuemublen, Union, Iowa Hill Canal and Lower Humbug ditches, and a reservoir site of 73 acres in Secs. 16 and 17, T. 15 N., R. 11 E.

Although many of the mines named were formerly leading placer gold producers, the present company has done little mining in late years. From time to time lessees have done some work and produced small quantities of gold; the last of these noted being *Long Point Mining Company*, who for some time were engaged in a search for the pay streak in the unworked portion of the Jupiter or Long Point

cyanide plant that had been erected to recover gold was not used, and sorted ore was shipped out to a smelter over a narrow-gauge railroad which connected with the Southern Pacific main line north of Sheridan. The yield of the three metals varied greatly, ranging from \$1.25 to over \$4 a ton in gold, from a few cents to \$1.70 in silver, and from less than 1% to 15% copper, the latter probably coming from picked ore, not mined by the shrinkage method usually followed. Work stopped in 1918 when the price of copper fell, and the mine lay idle until the last company began operation in 1933. The reduction plant began running in December, 1933, on the remaining gossan ore, and was in operation about 2 years.

In different parts of the open cut, where mining was done with a Thew three-fourths cu. yd. shovel, the textures and grades of ore varied so widely as to affect the success of the treatment. In spots, a soft, friable gossan composed principally of iron oxides and breaking up into slimes and fines was found. Elsewhere, the ore was hard enough to yield a satisfactory coarse product on crushing. Again, the amounts of free acid, silica and clay varied in different places, some old fills and dumps being especially high in acid. To give as nearly uniform a product as possible for the cyanide plant, the shovel was moved about to dig the various kinds of material and a system of stockpiling was used from which mill feed could be drawn.

Ore was delivered in trucks to the bin and was broken in a 9 in. by 36 in. Wheeling crusher, screened through a 3 ft. by 4 ft. Colorado impact screen and oversize crushed in 26 in. by 15 in. rolls. It was given a preliminary washing with water for 16 to 24 hours to remove free acid before cyanide treatment. There were six leaching tanks, four of them 25 ft. by 8 ft. and two 25 ft. by 10 ft., each loaded with from 100 to 125 tons of ore. From 8 to 12 lb. of -10 mesh Auburn Chemical lime was used per ton of ore. Strong, weak and barren solution storage tanks carried solutions containing from 1.2 lb. to 0.6 lb. of sodium cyanide per ton of solution. The charge received strong, weak and barren solution washes in turn followed by a final water wash. Solutions were moved ahead as they increased in gold content, finally going to the new charge. Four sump tanks each had a pump operated by an automatic float switch. From the gold solution tank, pregnant solution went to Merrill-Crowe precipitation equipment and solution was then returned to the circuit by way of the barren solution storage tank. The cycle of treatment required six days. In July, 1935, about 100 tons a day were handled, with a total crew of 19 men. Recovery was reported to be from 80% to 90%.

The open cut where mining was going on was about 600 ft. long and 30 ft. wide at the bottom. It was about 125 ft. on the dip from the top of footwall, or 90 ft. vertically to the top of the sulphide zone. Mineralization was said to extend into the hanging wall 65 ft. The old mine workings, where sulphide ore was mined, extended about 500 ft. below. The footwall was 'porphyry' and hanging wall, greenstone (amphibolite schist). The sulphide ores occurred in lenses reported to have been 10 ft. to 60 ft. wide, and this accounts for the variations in the character of material mined in the open cut.

This mine was closed down early in 1936, and the cyanide plant was sold and removed.

Devon Mine. California Mines, Incorporated, and four subsidiary promotions reported to be based on prospects south of Weimar and on the west side of North Fork of American River, on the J. A. Graves and Livingstone and Elder holdings. Recently the company relinquished at least part of its holdings, which are now (November, 1935) being prospected by other parties.

Dorer Mine. In the canyon of North Fork of American River, 2½ miles southeast of Shady Run and north of Humbug Bar. The vein, striking northwest in the Carboniferous schists, was mined through adits run between 1888 and 1904. Pay was said to occur over a length of 150 ft. and reported width was 4 ft. The production ranged from \$1,100 upward annually for several years. A 10-stamp mill was used, and ore was delivered to it by an aerial tram.

The Central claim adjoining, was worked during the same period and produced about the same grade and quantity of ore.

Late in 1934, these claims were reported as having been taken over from Lee Dorer, together with some old placer mining ground at Humbug Bar, by *American River Mines Company*. Work on both quartz and placer was going on in 1935 and it was expected the 10-stamp mill would be started during the summer.

Drummond Mine is about 10 miles by road from Forest Hill, on a long ridge between tributaries of North Fork of Shirltail Canyon, and extending into the canyon. It contains 320 acres, patented. The early operations are described in former reports. The work was done principally between 1889 and 1899 by C. F. Reed. No mining has been done for a long time. The record of production, given only in round numbers, indicates a total yield of between \$150,000 and \$200,000.

The country rock is amphibolite schist, locally called 'diorite.' The Drummond or hanging-wall strand and Lynn or footwall strand of the main vein produced most of the ore mined, while the Eclipse, a 'pocket lead' near the north property-line, is said to have yielded considerable 'high grade.' The Wolford is another pocket vein that made some production. The Drummond and Lynn strike N. 60° W. and dip steeply northeast, while the Eclipse and Wolford, regarded as spurs of the first, but not yet so proven, strike east. The widths of the veins vary from 6 inches to 18 ft. of quartz according to J. B. Hobson, and the width between walls of the main vein is in places 30 ft. The older mine workings are mostly inaccessible.

In the No. 1 tunnel, a block of ore 100 ft. and 3 to 5½ ft. thick was stoped by Drummond, the discoverer, and Hobson. To the east the so-called 1st level was run 400 ft. In this, the Lynn strand was stoped 330 ft. long and Drummond strand 70 ft. long by 100 ft. deep. No. 3 adit or '2d level' is only 50 ft. deeper, and 1000 ft. long with stopes 40 and 110 ft. long. The '3d level,' reached by a winze 70 ft. below No. 3 adit, is 350 ft. long, with a stope 190 ft. long and reported 5 to 8 ft. wide. About 350 ft. vertically lower, an adit was afterward run 2000 ft. as a crosscut, drifts were run 150 ft. west and 450 ft. east, and a crosscut was advanced 190 ft. from the face of the west drift. This adit is still open. Some ore is claimed to remain in the old, upper workings. All buildings except one cabin have been burned. A deeper tunnel site is available farther down the canyon.

channel. This company made some production in 1932, and in 1933 found enough gold to encourage further prospecting in the hope of again encountering gravel such as made the Jupiter locally known for a time. (See Long Point Mining Company.) Some of the leading mines mentioned above are described elsewhere in this report.

Michigan Bluff District.

Michigan Bluff Hydraulic and Drift Mines. On the canyon front near this town a remnant of the primary white-quartz channel of the Forest Hill Divide was left which was worked first by drift mining and then by hydraulicking from 1853 steadily until injunctions stopped this form of mining without dams in the 1880's. Some work was done as late as 1900 in a few of the mines, particularly in the Big Gun. The greatest activity, however, was before 1870. Between 1853 and 1858, gold shipments were as high as \$100,000 monthly. In 1866, the county assessor estimated the output of this camp at \$400,000 for the year. In 1869, with 20 companies operating, the total production was \$108,600. From an area of about 40 acres, most of which has been worked, it has been estimated that 6,000,000 cu. yd. was mined, which yielded a total of about \$5,000,000. The Big Gun Mine was reputed to have produced \$1,000,000 up to 1882, and still has considerable gravel.

The deposit was almost entirely of white quartz in the form of sand, gravel and coarse boulders. There was a remarkable number of large quartz boulders of all sizes up to 20 tons. The maximum depth of gravel is said to have been 80 ft. and the average depth 40 ft. If this average is correct, the total yardage mined from 40 acres could not have been half the estimated 6,000,000. It is probable, as is usually the case with such round estimates, that both figures of yardage and yield are in error. But there is no doubt that the camp was one of the most profitable from the standpoint of unit yield. Two men in one case took out 1200 ounces of gold by drift mining in one week. On another claim, an area 100 ft. long and 30 to 40 ft. wide produced \$30,000. On the Franklin claim, 2000 sq. ft. produced \$37,000 from drifting. The yield per man employed was said to have been commonly from twice to several times the wages paid in the later work.

Monumental (Oriental) Mine. This is in Canada Hill district, 24 miles from Forest Hill and at an elevation of about 8000 ft. The deposit is of angular local gravel, slightly cemented, containing little quartz, and probably is largely morainal. About 2000 ft. in length all told was worked over a long period of years up to 1920, on a channel reported 80 ft. wide running N. 60° W. Work was stopped when the pay was lost, presumably by faulting. Later prospecting consisted of sinking three shallow shafts, the deepest 57 ft., through the volcanic ash overburden. These did not show gravel, and the adit was caved at time of visit, preventing inspection. Gravel was reported spotted in gold content, some being of good grade. It was sufficiently cemented to require working in a small mill.

Morning Star Drift Mine. This was the largest producer among the drift mines of the Iowa Hill district. The channel flowed west through the claim and was eroded by Indian Canyon just east of the town of Iowa Hill, the westerly segment, with its benches underlying

the townsite where it was hydraulicked. The portal of the Morning Star drift workings and the mill were just east of Indian Creek. The channel was followed eastward and upstream about 4800 ft. where connection was made with the Big Dipper workings.

This mine was worked off and on from 1854, but the larger part of the output was made by Morning Star Drift Mining Company from 1886 to 1901. In that period, \$1,500,000 in gold was produced. The total production previous to that time is unknown, but up to 1881, it was stated the mine had yielded \$250,000.

The channel here was reported to have an average width of 200 to 300 ft. It was one of the few mines in which gravel was systematically blocked out and measured before extraction; the tunnel had already been run 2600 ft. by 1888 and 73,629 cubic yards of gravel was blocked out before heavy production started. It was estimated that one-third of the above yardage was boulders and waste. Pay also extended as much as 18 inches into the slaty bedrock. Gravel was breasted 7 ft. high and on account of the cemented roof only posts and caps were required. As in the case of the Big Dipper, the tunnel was in bedrock below the gravel channel, which was worked through raises. The gravel was fed by hand to a 10-stamp mill fitted with a screen punched with one-fourth inch holes. About 90% of the gold saved was in the mortars and 10% in the broad apron sluices outside which took the place of the usual plates. The first 10 months' run by this company 1859 tons, yielded \$11 a ton. The average for the mine was reported to be about \$7 a ton. The mine paid 103 dividends averaging \$4 a month per share; cost of operation was reported to be about \$3 a ton.

Mountain Gate Mine. This old mine at Damascus covered the inlet of the prevolcanic, white-quartz channel which flowed south through the Hidden Treasure. Work began in 1852 on some of the claims later included in the Mountain Gate. The original Damascus drift mine, later called the Bob Lewis Mine, was upon the cemented or blue gravel channel lying just east of the white channel. The Damascus company ran a mill for some time on the cement gravel, and a length of about 1000 ft. was worked. This cement channel had eroded away part of the east rim of the white channel.

The main prevolcanic channel was mined for a length of 5400 ft. with a production of \$600,000, or \$111 a linear foot. The gravel was loose, white quartz gravel as in the Hidden Treasure, easily mined and washed but requiring considerable timbering. It was 300 ft. wide, was breasted 5 ft. above bedrock and yielded over \$1 a ton. It was worked principally by the owners, of whom there were originally 16. Water was troublesome as they worked downstream, and finally at about 5400 ft. they encountered a trough cutting across the white channel. On sinking through this, they encountered cemented gravel. Another tunnel was then started, and in turn proved too high, as the preliminary work on the cement channel had not bottomed it, and it finally had to be worked through an incline. This deeper channel, generally considered the same as the one worked in the Red Point Mine, is claimed to have produced \$175,000 in the Mountain Gate Mine. After the lapse of so many years, during which no detailed record of mining operations was kept, it is impossible to definitely state the relationships of the Bob Lewis, Dam and Red Point channels, all of which were later than the



Gravel bank at Paragon Mine, Placer County, at the site of slide which buried monitors and pipe and killed one man in May, 1935.

white channel. Doubts that the Red Point channel cut clear across the ancient valley of the white channel and continued westward have been strong enough to induce prospecting for its down-stream section on the east side of the white channel in two places. So far this work has not given positive results.

New Basil Mine. It is an old drift mine probably on the Whiskey Hill channel, two miles east of Westville. A shaft was sunk to bedrock just east of Black Canyon in 1882 and work was carried on intermittently until 1896. About 700 ft. of the channel is reported to have been worked upstream from the shaft. It is a narrow and steep channel, up to 60 ft. wide, carrying coarse gravel and some coarse gold. The details of production are lacking, but it could hardly have been profitable under the conditions.

Occidental Drift Mine. This old mine in Iowa Hill district lies upstream from the Morning Star on the Grizzly Flat channel, being separated from the latter mine by the Julia claim. The channel was worked from the inlet downstream by an adit about 3000 ft. long, which lost bedrock about one-half way in, and was continued in the filling above the trough the rest of the distance to about the north line of Sec. 3, T. 14 N., R. 10 E., where a winze was sunk. This had not bottomed the deep trough when the last report was published on the mine in 1890. It was said it showed the bedrock sloping west 40°.

During the summer of 1935 a prospect shaft was being sunk on the northwest side of this claim near the line of the Julia claim. It was 130 ft. deep in September.

Paragon Mine. J. F. Thompson, owner, Forest Hill. Lessee, *Alania Mines, Incorporated*, 6518 Selma Avenue, Hollywood. King G. Gillette, president.

This is a consolidation of Paragon Placer, Wm. Rausch & Company Placer Mine, Hoosier, Rosedale, Nip & Tuck, Sebastopol, New York Placer Mines and Paragon Extension Nos. 1, 2 and 3 placer claims, including 800 acres of patented land in Secs. 13, 18, 19, 30 and 31, T. 14 N., R. 11 E., two miles from Forest Hill at the former site of Bath.

Several of these mines were independent producers for years. The original Paragon claim had a frontage of 250 ft. and extended a mile and a half through the hill, with a width of 400 ft. at the back. It was first worked in 1852, and for 10 years apparently only by sluicing; because of the cemented character of the gravel, it had to be washed seven times during which a total yield of \$10 a ton was reported. This gravel was described as "rusty gray gravel, four feet deep resting on blue gravel 100 feet deep." Mining was done through an adit run in the blue gravel 20 ft. below the pay streak and breasts were opened across the entire 'front' or width of the claim, with chutes 30 ft. apart to drop gravel to the adit. Finally a 'frontage' of 1600 ft. (length along the channel) was worked in this way. In 1864 a stamp mill was erected.

Complete figures of the mine's production are not available, but according to reliable contemporary reports, the output up to 1871 was \$750,000 and for the five years, 1865 to 1870, the annual output did not vary \$5,000 a year from \$100,000. Hydraulic mining replaced drifting soon after and in 1874 the mine was being worked on a large scale, a

bank-blast of 17,500 lb. of powder having been fired that year. For six seasons, 1874-1879, the gold production was \$243,075.87 of which \$119,670.14 was paid in dividends. Drift mining from September 19, 1879, to April 14, 1880, with 40 men working, produced 4241 carloads which yielded \$44,835.53 upon milling, or \$7.05 a ton. From 1888 to 1901 inclusive, the production was over \$500,000. Thereafter, some production was made by lessees, but the amount was never properly recorded. For the past three years some production has been reported annually, from drift mining in 1932 and from hydraulicking by the present lessee in 1933 and 1934. Taking the figures quoted in the Tenth Report of the State Mineralogist for the production up to August, 1890, which was given as \$2,250,000 and adding the recorded output up to 1902, we have a total of \$2,651,000 from which dividends of \$600,000 are reported.

The geology of the mine has been covered so many times that it need not be repeated in detail. The Paragon upper lead, 150 ft. above bedrock, paid for a width of as much as 350 ft. but averaged 225 ft. wide and 5 ft. thick. It was 'picking ground,' requiring close lagging, and is said to have yielded \$4.50 to \$5 a ton car. It was worked as far as the main road two miles east of Forest Hill, where it was cut by the Orono channel. This was worked for 1250 ft. upstream and 200 to 250 ft. downstream from this junction, on this property. It cut nearly to bedrock of the main channel. Few details are at hand concerning it. Its reported width is 225 ft. but it is not believed to have paid except in spots. The bedrock or main channel was worked by adit for the entire length of the Paragon holdings, connecting with the Mayflower workings which were driven upstream on the same channel. In the Paragon, a width of 40 to 50 ft. and a height of 7 ft. was breasted. It yielded at times from \$25 to \$50 per carload of 1½ tons; in 1882-1883 the average yield was reported as \$31 a carload and in 1888, \$9 a carload. This gravel was cemented, requiring crushing in a 10-stamp mill which handled 40½ tons in 12 hours, after the larger cobbles had been sorted out by hand. Raizes were put up from the bedrock adit to work this gravel, which is said to have required little timber; it had to be drilled and blasted. The length of the adit is given in old reports as 7500 ft., but the distance from the mouth to the Mayflower line is claimed to be actually 1½ mile. This bottom lead in the Paragon probably produced over one-half of all the mine's gold output.

The present company began preparations for hydraulic mining late in 1932, and a little gravel was washed in 1933. In 1934, after considerable work on the ditches, a substantial output, enough to make the mine the leading placer gold producer in the county for the year, was made. On May 29, 1935, about the end of the piping season, a serious bank slide occurred killing one man and completely covering the bedrock tunnel, monitors, much of the two 15-inch pipe lines, blacksmith shop and other equipment. When visited late in the summer, nothing had been done to reclaim the pit. The bank where the slide occurred is close to 400 ft. high, and the entire width of the channel as hydraulicked about 500 ft. The pay is principally in the lower 150 ft. (the distance between the bedrock and the upper Paragon lead) and of this, the best portion, judging from past hydraulic mining results, was in a thickness of 70 to 75 ft. which yielded 74 cents to 78

cents a cu. yd. Much drifting has been done since that hydraulicking (1879), and this would lower the average grade of remaining gravel decidedly. About one-half of the bank may be expected to prove barren, or nearly so, as it is composed of volcanic tuff and andesite. With an adequate water supply to permit six months piping, however, the mine might become an important producer. The Pond ditch, four miles long, is claimed to supply 600 miner's inches of water from Volcano Canyon; and Breese and Wheeler ditch from west branch of El Dorado Canyon is rated to yield 1000 miner's inches. The season for hydraulicking at this property was always short, but might be lengthened by fuller water development. When previously worked by this method, the average season's yield was apparently a little over \$40,000.

Peckham Hill Gold Mines, Incorporated. The old Peckham Hill gravel mine is on the southwest end of the Forest Hill divide three miles southwest of Todd's Valley, in the E½ of Secs. 7 and 18, T. 13 N., R. 10 E. The above company has been employing three or four men under contract during the past year or more, reopening an old adit.

An intervolcanic channel, believed by many to be the same one seen cutting the earlier gravels in several of the old mines from the Weske westward, occurs in this ground. It has at Peckham Hill a bedrock elevation of 2131 ft. in the Union tunnel in Sec. 17 near its outlet according to a survey by Ross E. Browne. In a length of one mile upstream from this tunnel several other attempts have been made without success to find pay gravel. About 1500 ft. upstream from the Union tunnel, Rough & Ready tunnel was run through the west rim 750 to 800 ft. and an incline was sunk down the bedrock rim for a length of 260 ft. reaching a bedrock elevation of 2143 ft. at its lowest point. There is no record of production from there. The same company (*Blue Gravel Range Company*) sank a shaft one-half mile farther upstream reaching a depth of 214 ft. where it is claimed a good prospect of gold was obtained. The operators are supposed to have been driven out of this shaft by water before reaching bedrock. This work was done about 1873 to 1875. In 1904, the Peckham Hill tunnel was run from Snyder Canyon toward the Blue Gravel shaft. According to George McAulay, then superintendent, a raise put up at a distance of 1800 ft. from the portal entered a body of gravel which proved to be 91 ft. long and 55 ft. wide and which paid well. This tunnel was continued to a length of 2400 ft. besides which several hundred feet of drifts were run above it in search of more gravel. No other deposit of pay gravel was found, and the main tunnel was not carried far enough to be under the shaft. The present operators estimated about 800 ft. or less would have to be run to make the connection. Work was progressing slowly with hand tools in the summer of 1935.

Penn Valley claim comprises the northern and eastern part of the original Strawberry Mine on the Succor Flat channel east of Indian Canyon in NW¼ Sec. 26, T. 15 N., R. 10 E.

In this claim the Succor Flat channel (which was worked upstream from the Indian Canyon side with a production of over \$100,000 credited to the Strawberry) has been cut by two small later channels.

Maey Brothers are prospecting the ground through an adit, and in September, 1935, were raising at a point 1800 ft. from the portal.

Pond and Company Mine. The hydraulic mining camp of Todds Valley was a heavy producer, most of the work there having been done before 1875. By that time most of the mining ground in the camp had passed into the hands of Pond and Company and the principal part of the unworked gravel is now within the claim bearing their name, and containing 178.73 acres.

The deposit of quartz bench gravel at Todds Valley was worked in a northerly direction from the canyon front until the andesite overburden began to be too thick for hydraulicking. Whitney, writing before 1875, stated that the deposit one mile long by one-fourth mile wide with a maximum depth of 60 to 75 ft. and an average depth of 35 ft. had produced 9,000,000 cubic yards which had yielded \$4,000,000 or 45 cents a cubic yard. He cited one measured area of 3.1728 acres on the Pond and Company claim, which yielded 35.88 cents per cubic yard for the entire bank, or 51.257 cents per cubic yard of gravel. Later figures of 11,000,000 cubic yards mined with a production of \$5,000,000 in all from the district, have been published. The production recorded from Todds Valley after 1888 was usually \$2,500 a year or less, representing the results of work of individuals engaged in small-scale mining.

There remains 2,000,000 to 4,000,000 cubic yards of gravel on the Pond and Company claim, but the possibility of working it is problematical because of overburden which would interfere increasingly with hydraulicking beyond the present bank, and the average gold content, which is low for drift mining.

Ralston Divide Gravel Mine. The Ralston Divide lies between Long Canyon and Middle Park of American River, and the property prospected by *California-Hawaiian Development Company* and its predecessors lies in townships 13 and 14 north, ranges 12 and 13 east. The above company once claimed about 9600 acres covering a length of 14 miles but only part of it was patented. The region is reached on the east by road past Soda Springs, and on the west by road and trail via Michigan Bluff or road via Georgetown and Barton's Cabin. The last company began prospecting in 1908, continuing until after 1920 and spent probably over \$150,000 for equipment and prospecting. Previously, in the 1890's, a French company did considerable prospecting there.

The channel system underlying this ridge has its outlet at the Pat Goggins hydraulic mine (bedrock elevation 3475 ft.) in the SE¹ Sec. 22, T. 14 N., R. 13 E. The hydraulic pit here is 500 ft. long, 90 ft. wide and 60 ft. average depth. An adit was run 755 ft. from this pit with 750 ft. of branch drifts.

These deposits appear to be definitely connected downstream with the Bath channel and upstream with the gravel at Blacksmith Flat, Soda Springs and French Meadows. Hydraulic pits have been opened at several places in rim gravel on the north slope of Long Canyon, and some of these workings have been profitable. So far, however, no deposit has been found rich enough to pay for drifting on any important scale. The principal work of the California-Hawaiian Development Company was as follows:

No. 1 tunnel, with its portal in NE¹ Sec. 5, T. 13 N., R. 12 E. This is 7 by 8 ft. and was 4700 ft. long at the time of the last detailed report. About 2500 ft. of drifts, 1000 ft. of raises and 15 diamond drill holes were run from this tunnel.

No. 2 tunnel is over one mile south and a little west of No. 1 portal. It was 145 ft. long with an incline of 153 ft. and 280 ft. of drifting from the foot of the incline.

No. 3 tunnel was started near the center of NW¹ Sec. 8, T. 13 N., R. 12 E. and was run nearly northeast. It is 8 by 8 ft. in cross-section and over 1600 ft. long. It is connected by a raise of 14 ft. with the drift from the bottom of the incline sunk from No. 2 tunnel. A good deal of this later work was along the channel.

The prospecting of this area indicates the occurrence of wide stretches of flat river bed in which there has not been any important pay streak reported so far, rich enough to drift. The rim gravels or remnants of the earlier channel are interbedded with rhyolite tuff. A deeper blue lead is reported and this would correspond with the channel at Bath. To correlate these different runs of gravel with those in the Duncan Canyon region and northeastward to French Meadows, it is most reasonable to presume that the deep channel which crosses Duncan Canyon below the present drainage, upstream from the Glenn Mine is the later and deeper run; the deposits east of Duncan Canyon (Hard Climb, Red Star mines) are remnants or benches of the earlier channel, and the Glenn-Bald Mountain channel is not necessarily a tributary of the deep run. The accumulation of gravel and rhyolite beds on the Ralston Divide reaches a thickness of 250 ft.

Red Point (Golden River) Mine. In many respects, the story of the mining operations on the buried, ancient channel running through this property between Westville and Damascus is among the most interesting and instructive for this class of mines. Work started in July, 1886, and was carried on by a French company, *Société des Mines de Golden River*, until 1903, and then under the direction of the last superintendent, John A. Ferguson, by lessees until 1916. The adit was run 20,620 ft. and to within 14 miles in an air-line from Westville (Indian Springs). The gross production was 66,000 ounces of gold, and some dividends were paid.

This channel, belonging to the third intervolcanic period, flowed across the line of strike of schistosity of dikes and hard schist forming the bedrock. According to Ferguson it must have been an open, flowing stream when covered by andesite. The thickness of gravel varied usually from nothing to 6 ft. but averaged 1 ft. to 15 inches. As much as 2 to 3 ft. of bedrock was mined, and andesite formed probably one-half of the material washed. The gravel was in part tight, but not sufficiently so to require milling. The main adit was run 7 by 8 ft. in cross-section in bedrock with machine drills at a cost of \$12.40 a ft. Raises 20 to 40 ft. long were put up to mine gravel. In mining, holes were drilled with moils in the andesite for blasting, and pieces of andesite over six inches were sorted. The grade of main adit at first was quite flat. In spite of irregularities in the elevation of bedrock, due to variations in hardness, which resulted in holes full of gravel in places, and bare bedrock in others, the average grade was uniform. Ferguson states that the channel raised 300 ft. in the distance mined,

and that in one section of two miles he used a uniform grade of 19 inches in 100 ft. and found it correct. The width of channel varied from 12 ft. to 400 ft. Heavy timbering was required only where the gravel was thicker than the usual breasting height, or was so poor that it was left unmined. The average operating cost was \$1.56 per one-ton carload and average yield, according to Ferguson, \$2.25 a carload. These figures, for the average of the entire mine, vary considerably of course from results in certain sections. The low operating cost was due not only to efficient work but to the use of Chinese labor. These men were paid \$1.75 a shift. White miners were paid \$2.50 to \$3.50 a shift. Fifty men mined and washed about 100 tons of gravel a day. In the later work a compressed air locomotive was used for hauling gravel trains. Water from the adit, supplemented by a supply from Humberg Canyon, was used for washing gravel. The natural flow from the workings was also used in four places where drop was available to drive water blasts for ventilation. A dry reheater for the air used in the locomotive is said to have increased its efficiency 40%.

Red Star Prospect. This is on the east side of Duncan Canyon one mile northeast of Jack Robinson tunnel and reached only by trails. Four adits at elevations ranging from 4500 to 4800 ft. were run years ago. Of these, the north adit on Hunted Hole Claim, gave the best idea of conditions. It branched 10 sets from the portal, one branch running north 130 ft. and the other northeast 145 ft. The prospect has not been visited by the writer for several years, and these adits may have been extended. High bedrock lay between the two and work had not been carried far enough to indicate with certainty whether this was a high reef in the channel, or if a junction existed. The gravel is well washed, carrying some quartz and large granite boulders. Although the average gold content had not been sufficiently high to pay steadily, rich places have been found from time to time, as in 1934 and 1935 when several ounces of coarse gold was produced.

The difference in elevation between this gravel and that west of Duncan Canyon, as indicated by aneroid, is so great as to indicate they are on different channels. A long ditch would be needed to bring water from Duncan Canyon.

Small Hope and Arthur Claim. Now part of the Detert Estate holdings (Mayflower group). On the northwest side of Forest Hill divide, two miles northwest of Forest Hill. The Small Hope and Sacramento claim adjoining it on the south were prospected through a series of adit driven south and east from First Brushy Canyon, and some hydraulicking had also been done. The production in early days is not recorded, but was only nominal after 1888. The channel is of intervolcanic cemented gravel.

In 1933 a permit to hydraulic the Small Hope and Arthur was granted to A. A. Hoffmann and H. A. Dart. No production was reported that year, but in 1934 Bert Farrar operated for a short time and made a nominal output.

Star United Mine. This old mine, fronting on Indian Canyon 1½ miles east of Iowa Hill was quite extensively mined in earlier days by hydraulicking and drifting and was credited with a production of \$43,000 up to 1882. In later years Herman Gosch did considerable drift

prospecting and made some production up to 1934. A section of the Succor Flat channel which crossed this claim was largely eroded away.

Brown Brothers and Good have had the property under lease during 1935, but report they have been able to do little mining on account of lack of water.

Succor Flat Channel entered the Iowa Hill district from the north but on the east side of Succor Flat Mine, in Sec. 26, T. 15 N., R. 10 E., it made a sharp bend to the northwest crossing that mine, the Schulbach and Strawberry. On the west side of the latter it was eroded by the present Indian Canyon but was followed and extensively worked on the west side of the canyon in the Stockton, Columbus, Shelby, Empire, Dayton, White Pine, Wolverine and Aurora Mines. From the Star United on, it is supposed to have followed close to the present course of Indian Canyon, which eroded it for nearly a mile and a half downstream to Iowa Hill, greatly enriching the modern stream. This channel received two tributaries, the Glencoe and Wolverine channels on the west side of Indian Canyon. An immense deposit of gravel was formed at their junction with the main stream on the Wolverine, Columbus, Dayton and White Pine Mines.

The Succor Flat channel carried loose gravel with a great deal of serpentine. The width worked varied from 50 ft. to several hundred feet. It had an average grade of about 180 ft. per mile, and was of volcanic age. It has been worked for a length of about two miles, with the following approximate production records for the mines along its course. Most of this mining had been done before 1882:

Succor Flat Mine	-----	\$270,000
Strawberry (before 1882)	-----	700,000
Strawberry & Penn Valley (1880-1897)	-----	69,543
Stockton	-----	41,000
Shelby	-----	105,000
Columbus	-----	100,000
Dayton	-----	150,000
White Pine	-----	750,000
Wolverine	-----	805,000
Star United	-----	43,000
Phillips	-----	80,000

\$2,528,543

Truro Placer Mine. On the North Fork of American River at the mouth of Pritchard Canyon. The gravel lies on an old river bench 150 ft. above the present stream. Many years ago, Truro Mining Company ran a crosscut adit 314 ft. through the rim 60 ft. below the bed of Pritchard Canyon and drifted on the gravel 75 ft. each way. Some breasting was done over a width of 46 ft., which yielded \$1 a car. Nothing was done with the ground thereafter until the past year, when it was reported three men were working and that control of the old stock company was sold.

Weber claim in Iowa Hill district, is one of the holdings of the McGenchin company. About 1916-1917, Stanislaus Development Company had this claim under lease and drove an adit 1200 ft. long upon it, finding a barren intervolcanic channel 240 ft. above the bedrock of the Morning Star channel.

Whiskey Hill (Greek) Mine. This covered about 100 acres but included only 600 ft. in length on the channel of the same name, on the west side of Secret Canyon one mile south of Secret House. It was worked by a company of Greeks in the 1880's and is said to have yielded about \$36 per running foot of channel, or \$23,000 in all.

DREDGING

Marked activity in the prospecting and exploitation of shallow placer deposits in the Lincoln district has been evident in 1935. During the first half of the year, several pieces of leased land were being worked by different operators and five or six other properties were being prospected, with the probability that other plants would be in operation before the end of 1935.

The district mentioned is on the east side of Sacramento valley east and north of Lincoln. Geologically, it is situated along the Lone shore-line at its contact with granodiorite which is exposed here for a distance of nine miles eastward. The quartz mines of the Ophir district occur along the northeast contact of this granodiorite with amphibolite schist, and the contact region of the schist itself, along the strike northwest of Ophir, carries many gold-bearing deposits such as the old Whiskey Diggings. The gold in the present placers came from erosion of these veins. This gold is found partly in the old shore gravels which have been dissected by modern streams, and partly in the streams east of the shore-line. Although at one time an ancient river traversed the region four miles southeast of Lincoln, there are at present only streams which carry no water in the dry season. Water for mining is purchased from Nevada Irrigation District.

Due to the nature of the deposits and the portability of the equipment used near Lincoln, this type of placer mining is likely to be of a transitory nature. Some of the operations described hereunder have been terminated between the time of visit and the publication of these notes; notably those of Chittenden and Virginia Placer Company.

In the course of the work at some of these properties, attention was drawn to the large amount of quartz occurring in the gravel in partly rounded or slabby form characteristic of such creek gravel. Assays of some of this from the tailings gave high enough gold returns to induce further investigations with the idea of erecting plants for crushing the quartz. This work so far as known has not been carried far enough to prove the presence of any important tonnage of ore such as would be needed to justify erection of a good-sized milling plant.

Operation of two bucket dredgers has lately been started in the foothills east of Loomis, and drilling is at present going on along Antelope Ravine for a distance of about two miles between Loomis and Penryn, with the idea of moving in another small bucket dredger if results justify.

Antelope Creek Dredging Company. H. G. Peake and Thomas F. Nicholls, 311 California Street, San Francisco, took options late in 1935 for the purpose of prospecting, preliminary to the possible erection of a small bucket dredger, on ranch lands belonging to the following, along Antelope Ravine between Loomis and Penryn: Herbert N. Lenke, E. H. Lardner, R. E. Naranmore, G. E. Stoll, J. W. Robinson, Wm. Meade, Paul Pettit, J. A. Anderson, F. Willis, D. J. Gautier, H. C. Brainard,

George Bock and Jean Monterichard. These holdings cover about two miles along the course of the ravine. The depth ranges from 7 to 22 ft.

If the results of prospecting are favorable, it is planned to bring in the machinery of a small dredge which has been operated lately on Canyon Creek in El Dorado County. This has 3-en. ft. buckets and a capacity of about 50,000 cu. yds. a month. It was originally built to dig 18 ft. below water level, but while in use on Canyon Creek the digging ladder was lengthened to dig to 26 ft. It is planned to install long sluices for fine tailing, and drop coarser rock near the dredger, in order to leave the land level after dredging.

C. N. Chittenden Lease. This was on the Alfred G. Clark patented ranch land six miles north of Lincoln. It is on the Lone shore-line at an elevation of about 200 ft. The gravel is irregular and in patches, varying from 6 to 16 ft. in depth. It was dug with a one-half en. yd. gasoline shovel and hauled in four auto trucks up a ramp, from which it passed through a trommel. The coarse gravel, mostly only a few inches in diameter, went to a rock bin for removal by trucks. The fines were sent over 300 sq. ft. of Hungarian rifles in sheet-steel boxes 2 ft. by 10 ft. set on a grade of about 10%. Fine tailing was pumped off by a sand pump. Six men working eight hours daily were reported to handle 350 to 400 cu. yd.

For washing, 20 miner's inches of water was purchased from Nevada Irrigation District. It was stored in a reservoir and pumped to the plant at the rate of 50 to 60 miners inches during the 8-hr. shift. Chittenden quit work here late in 1935.

Gold Hill Dredging Company, 601 Robert Dollar Building, San Francisco. Loomis No. 1 dredge has lately been put in commission on the S. C. Laird ranch, 2½ miles southeast of Loomis. The hull, which is 144 ft. long by 48 ft. wide, and draws 10 ft. of water was floated April 27, 1935. It is designed to dig 50 ft. It will work upon the Laird and O. L. Barton ranches.

Remnants of both early and late Tertiary gravel deposits left by the prehistoric American River were mined at the Haskell drift mine, seven miles northeast of these properties, but most of the gravel which no doubt once extended from there to the old Barton and Laird drift mines has been removed by erosion which has exposed the granodiorite over all the intervening distance. The course of the old stream is indicated by a series of small rounded hills, capped by andesite under which gravel has been mined in several places. On the Laird, Barton and Parmenter ranches, some 2½ miles in length of the ancient gravel is exposed, lying below the present drainage.

The Laird Gravel Mine was opened in 1850 and worked irregularly for many years. The total output of the claims consolidated under this name was said to be about \$1,000,000 up to 1882. An hydraulic elevator was used, and some drifting was done, but the lack of grade was a hindrance.

Barton Drift Mine near the Laird was also a good producer for some time. It was opened through a 60-ft. shaft in 1892. The gravel was cemented, with cobbles seldom larger than fist-size. The channel was 350 ft. wide and was mined 6 to 7 ft. high. The gold was fine and

blaky, and was high-grade, selling for \$19 an ounce. A Cox pan was used for disintegrating the gravel.

On the *Parmenter* property (formerly *Anchor Mining Company*) similar cemented gravel has been found in shallow shafts, but so far has not been worked much.

This section of the old river was probably in the delta region where the stream entered the inland sea of Ione times. Some 25 years ago Samuel Laird installed an hydraulic elevator on his property near the Laird Mine and worked some shallow ground, but found the fluted granodiorite bedrock, where the pay lay in separate narrow channels, interfered seriously with this method of operation.

E. M. Kaufeld, Oakland, is operating a drag-line dredging outfit two miles east of Lincoln. Two 160-acre pieces of land are reported under lease. The gravel here is 6 to 12 feet thick, lies on decomposed granodiorite bedrock and has a soil and sand overburden of 2 to 4 ft. which is stripped before mining. The gravel is reported to carry 50 cents gold per cu. yd.

Digging is done with a Link-Belt company drag-line having a boom 60 ft. long and a bucket of 1½-cu. yd. capacity. The washing plant is installed on a barge 30 by 40 ft. The revolving screen, 4½ by 23 ft., has a screen section 16 ft. long with three-eighths and five-sixteenths-inch holes, and a scrubber section with spirally-arranged baffles. The sluice area, 750 sq. ft., is larger than usual and tailing sluices on each side are 2½ ft. wide by 62 ft. long. The belt conveyor for stacking coarse tailing is 2 ft. wide and the stacker is 55 ft. long. One 6-in. and one 8-in. centrifugal pump are used, and power is furnished by a 60-h.p. Diesel engine. This plant is claimed to have a greater hourly capacity than others in the district. Eleven men are employed, in three shifts.

Lincoln Gold Dredging Company, Harry F. England, P. O. Box 3, Oroville; B. M. Clark and associates, of Oroville. This is one of the mobile drag-line dredge operations on shallow placer-mining ground four miles north of Lincoln. About 75 acres are believed to be covered with gravel 5 to 14 ft. deep, containing enough gold to be worked at a profit.

For digging gravel, a P. & H. drag-line on caterpillar mount is used. It has a boom 60 ft. long, uses a Diesel engine for power and has a 1½-cu. yd. automatic Page bucket and is moved about on a heavy timber mat when on soft ground. The washing equipment is mounted on a wooden barge 26 by 30 ft. in area. This carries a grizzly with 13-inch spaces, on which the load is dumped; revolving screen, 4 by 25 ft.; seven sets of sluices 10 ft. long, giving about 160 sq. ft. of sluice, with Hungarian riffles, as well as a tailing sluice 4 by 45 ft. on each side, and a rubber belt stacker 2 ft. wide and 45 ft. long. A 7-inch centrifugal pump raises water for washing and a 60-h.p. Diesel engine furnishes power.

This deposit is along the old Ione shore-line and has a soft volcanic-ash bedrock which permits easy digging, taking 1 to 2 ft. of bedrock. The pay gravel is reported 500 ft. wide and is said to yield about 24 cents a cu. yd. The plant handles about 100 cu. yd. an hour and runs about 18 hours out of 24.

Oakwood Placer Mining Company, H. O. Comstock, president. This company is working on a part of the Oakwood stock ranch in Secs. 15, 22, 23, 24 and 25, T. 13 N., R. 6 E., six miles north of Lincoln. The property lies at the extreme western exposures of the bedrock formations, near and on the old Ione shore-line, and within a mile of the floor of Sacramento Valley. The surface is crossed by branches of Coon Creek and Doty Ravine and mining started upon one of these on April 1, 1935. The gravel is reported 6 to 18 ft. deep and has a shallow soil capping.

The plant consists of a No. 700 P. & H. dragline on caterpillar treads, using a 1½-cu. yd. bucket and with a 150-h.p. Diesel engine and 50-ft. boom. The barge carrying the other machinery has a hull 30 ft. by 40 ft. and the equipment is housed in with galvanized iron. Electric power (a total of 115 h.p.) is used to operate a standard dredge trommel and belt conveyor stacker, and the 5-inch and 6-inch pumps which deliver 1300 and 1800 g.p.m. of water respectively. The latter supplies water for the trommel, through nine 1½ in. nozzles and 65 ½-in. jets. On each side of the barge, riffles are carried in five boxes 14 ft. long by 27 in. wide and in a tailing sluice 40 ft. long. There is also a nugget sluice 12 in. wide.

With 10 men besides the superintendent, H. B. Eden, it is claimed 1500 cu. yd. of gravel is washed daily. Fifty gallons of Diesel oil and \$1 worth of lubricating oil is used daily by the engine operating the dragline.

Oro Bell Dredging Company, Earl E. Chenoweth, manager. Sec. 2, T. 10, N., R. 7 E., and adjacent land in Allen district, six miles east of Roseville. About 900 acres reported under lease.

This company began work June 1, 1934, with a second-hand bucket dredger carrying 76 buckets of four cu. ft. capacity each. Originally the depth capacity was 20 ft. but this was to be increased to 31 ft. The hull is 42 by 91 ft. About 280 h.p. of electric energy is used and the capacity is about 2500 cu. yd. a day. The ground is loose, sandy creek gravel lying on soft decomposed granodiorite bedrock. The large proportion of sand has caused a problem, and in April, 1935, two sand wheels 14½ ft. in diameter were being installed to dispose of it. The average depth of digging up to that time had been 10 to 15 ft.

Skeels, E. B., and Paulie Brothers are operating a placer mining outfit on Miners Ravine in Allen's district, just upstream from the Oro Bell dredger. The ground varies from 8 to 28 ft. deep, and consists principally of sandy loam and sand, with only a little small creek gravel, on fluted granodiorite bedrock.

A P. & H. model 600 drag-line with a bucket of 1 cu. yd. capacity, on a 60-ft. boom delivers material to the washing plant. Both are mounted on caterpillar treads. The washing plant has a capacity of 32 cubic yards an hour of fines after screening. Material is screened through a trommel with double screens the smallest with one-fourth inch holes. Fines through the screens pass to four Ainlay centrifugal concentrators. Tailing from these is pumped into worked out pits and the small amount of gravel (10% of total mined) after washing in the trommel is stacked by a belt conveyor 40 ft. long. Water for operation is pumped from the creek through a hose line.

The gold is reported to be mostly on and within 3 ft. of bedrock. The bedrock has to be cleaned by hand shoveling on account of its fluted character.

Virginia Placer Company (not incorporated). T. E. Robinson and H. S. Tharp. Operating on the Nissen or Schuler Ranch, six miles northeast of Lincoln, of which 60 acres has been leased for mining.

A. P. & H. dragline outfit is used for digging shallow gravel, which probably consists of remnants of Ione shore-line gravels, dissected by later stream and gullies. The gravel lies under 2 to 3 ft. of soil and sand and the average depth of digging has been 10 to 11 ft. In places a depth of 18 ft. is reported. This is about the limit for this type of plant. The bedrock is decomposed granite, yielding abundant sand, and it is estimated that 70% of material dug passes through the sluices. As usual in such cases of gravels on or near an old shore-line, the 'channels,' as the operators call them, are hard to follow. They are likely to be the fillings of saucer-like depressions which in cross-section would have the aspect of channel segments. Any channel segments remaining would be remnants of a former course of a branch of Coon Creek, which runs almost in the line of strike of some of the Ophir quartz veins.

The dragline outfit is on a caterpillar mount and has a 60-ft. boom. Power is furnished by a 120-h.p. gasoline engine. The bucket has a capacity of $1\frac{1}{2}$ cu. yds. and has had many changes made in it to improve digging and durability of wearing parts. The barge carrying the washing plant has a hull 30 ft. by 40 ft. which carries two 47-h.p. Caterpillar Diesel engines, one 8-in. and one 6-in. pump, trommel, belt conveyor stacker, and over 200 linear feet of Hungarian rifles. Eleven men are employed, running the washing plant 16 hours and dragline 18 hours, and handling 1200 cu. yd. daily at a reported cost of 15 cents to 25 cents a cubic yard. Sixty miner's inches of water is purchased from Nevada Irrigation District.

TABLE OF PLACER MINES AND PROSPECTS, PLACER COUNTY

Name of mine	Location			To whom assessed*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Ascia	14	13 N.	11 E.	George McAslay, Auburn		R. XV, p. 379
Alabama				Estate of P. D. Winter, 830 23d Ave., San Francisco		
Allbright	36	17 N.	7 E.			R. XII, p. 204; XIII, p. 272; XV, p. 352
Alta	36	16 N.	10 E.	Alta Gold Mining Co., 1115 Broadway, Oakland	4	R. XII, p. 204; XIII, p. 272; XV, p. 352
American	24	16 N.	10 E.	George V. Nichols, et al., 2547 24th St., San Francisco	31	
American Hill	24	15 N.	12 E.	Pendleton Brothers		XV, p. 352; XXXI, p. 19
American River Gold Mng. Co.	23	13 N.	9 E.	American River Gold Mng. Co., c/o I. P. Barnett, 111 Butter St., San Francisco	450	R. XXXI, p. 19
Anglo American	27, 34	15 N.	10 E.	Hazel Melintosh Kuhlman, 205 Washington St., Roseville; Alice Goding, 316 N. Ophir St., Stockton; Gilmore Airship Co., Nevada City, et al.	37	
Argonaut & Sonnet	22	14 N.	11 E.	C. E. Burns, Auburn		
Armstrong	33	14 N.	10 E.	J. M. Gilbert, Paris, Missouri		
Atlatlas	29	15 N.	10 E.	Atlatlas Mng. Co., c/o W. S. Moer, Iowa Hill		R. XIII, p. 273; XV, p. 352; abandoned
Avalon	2	15 N.	13 E.			
Assata	23	16 N.	11 E.	Blue Canyon Mng. & Dev. Co., 1621 E St., Sacramento, c/o Mrs. W. J. Holmes	360	R. XIII, p. 278; XV, p. 352
Bake Oven				S. S. Caples, 3634 6th Ave., Sacramento		
Baker Divide	12, 13, 18	14 N.	10 E.	Baker Divide Mining Co., c/o W. A. Richardson, Russ Bldg., San Francisco		R. VIII, p. 446; IX, p. 29; XIII, p. 273; XV, p. 352; XXXI, p. 19
Baker Ranch	17	14 N.	11 E.	F. B. Ellsworth, Baker Ranch		R. XV, p. 353
Bald Mountain	21, 22, 28	13 N.	13 E.	A. Borchard, 2415 J St., Sacramento	160	R. X, p. 426; XIII, p. 273; XV, p. 350; XXI, pp. 276-77
Baltimore						See Macon
Banner	34	16 N.	10 E.	W. H. Rablin, c/o Wm. Rablin, 1405 J St., Sacramento		R. XV, p. 353
Bartley Cons.	26	16 N.	10 E.	Estate of Wm. Rablin, 1405 J St., Sacramento, et al.	110	R. XV, p. 353
Bear River	4	15 N.	10 E.	W. H. Rablin, c/o Wm. Rablin, 1405 J St., Sacramento		R. XV, p. 379
Bear River	12, 13, 14, 23	15 N.	9 E.	Bear River Gold Mng. Co., 401 J St., Sacramento		
Bear River Ext.	14	15 N.	9 E.	E. C. Ugan, Nevada City		R. XV, p. 379
Bear River, Texas Hill Est.	34	16 N.	10 E.	Grace A. Gould, Fremont Ave., Mountain View		
Bear River Hill, Queen City, et al.	21, 22, 23, 24	16 N.	10 E.	George V. Nichols, 2547 24th St., San Francisco	135	
Bear River Tunnel	12	15 N.	9 E.	Mrs. Chas. Vernal, 1125 10th St., Oakland, Cal., & Wm. Nichols, Jr., 545 Mendocino Ave., Berkeley		

Bear River Tunnel	5	15 N.	9 E.	W. H. Rablin, c/o Wm. Rablin, 1405 J St., Sacramento		R. XV, pp. 37-38
Belle Verne	5, 6, 7	15 N.	10 E.	George H. Smith, Last Chance	80	R. XV, p. 353
Belvidere and American Eagle				Mrs. L. Bellows, Dutch Flat		
Ben Franklin	27	14 N.	10 E.	Joe Gilbert & R. C. Berry, Forest Hill	160	R. XII, p. 205; XIII, p. 274; XV, p. 353
Big Bar	20	14 N.	13 E.			R. XV, p. 353
Big Chief				F. W. Tillotson, Michigan Bluff		R. XXXI, p. 20
Big Dipper, et al.	3, 9	14 N.	10 E.	McGeachie Placer Gold Co., Capital National Bank Bldg., c/o C. H. Dunn, Sacramento	182	R. VIII, p. 472; X, p. 423; XII, p. 265; XIII, p. 274; XV, p. 374; XVII, p. 447; XXIII, p. 264; Bull. 92, pp. 135-136
Big Gold Bar	18	14 N.	12 E.	Jas. Colvin, Michigan Bluff, et al.		
Big Gun, Thompson & Powell	22	14 N.	11 E.	W. S. Wiley, Michigan Bluff		
Biglo				Estate of James Abrams, c/o A. Dixon, 2322 W St., Sacramento		R. XV, p. 354; XIII, p. 283
Big Spring				Edw. W. Drmo, McKeon, et al.	117	
Birds Flat	22	15 N.	10 E.	Henry Del Rey, Iowa Hill		
Black & Brown, et al.	13, 14	14 N.	10 E.	Chas. H. Frauman, 206 Foxcroft Bldg., San Francisco, et al.	603	
Black Hawk	13, 14	14 N.	10 E.	W. A. Freeman Estate, T. A. Nichols, Mgr., 306 Foxcroft Bldg., San Francisco	639	R. XIII, p. 274; XV, p. 354
Blue Canyon						See Assata
Blue Channel	22	15 N.	10 E.	Blue Channel Mining Company	463	
Blue Eyes Prospect	5, 7, 8	14 N.	13 E.	S. S. Caples, et al., 3634 6th Ave., Sacramento	2,550	R. XV, p. 354; XVI, pp. 447-48; XVIII, pp. 211, 603; XIX, p. 141; Pte. Rep. 5, pp. 33-34; XX, pp. 13-14; XXI, p. 377; XXIII, p. 264
Bob Lewis	14, 23	15 N.	11 E.	I. L. Pierce, Forest Hill	320	R. XIII, p. 273
Bob Lewis	33, 34	15 N.	12 E.	J. F. Thompson, Forest Hill	44	
Bopus Thunder	19	14 N.	13 E.	S. S. Caples, 3634 6th Ave., Sacramento	250	R. XV, pp. 354, 350
Botes	34	12 N.	8 E.	W. Fitch, E. L. Rane, Auburn, et al.	100	R. XXIII, pp. 284-285
Booth River	29	15 N.	10 E.	Booth River Mng. Co., c/o E. E. Booth, Colton		R. XV, p. 380
Bowck						R. XXXI, p. 17
Bowen	30	14 N.	11 E.	Mrs. F. A. Bowen, 501 54th St., Oakland, Cal.		R. XIII, p. 275; XV, p. 354
Bradley & Gardner				Estate of Wm. Rablin, 1405 J St., Sacramento, et al.		
Breece & Wheeler						See Paragon
Brooklyn & Olympia	26, 25	15 N.	12 E.	Messrs. Threlkeld and Blohm, San Francisco	235	R. XV, p. 354
Buchanan	32, 33	14 N.	10 E.	Mary Z. O'Connor, 3025 Deakins St., Berkeley; Mrs. J. F. Ryerson, 303 Magnolia Ave., Piedmont		
Buckeye Bar	33, 34	13 N.	9 E.	Shock, Philadelphia		
Bull Run, North Fork and Bear River	35	16 N.	10 E.	Wm. Nichols, Jr., 545 Mendocino Ave., Berkeley, et al.		
Bumpus Canyon, Pete Just Canyon	4, 5, 6, 7	14 N.	10 E.	Indian Canyon Gold Company, Ltd., 532 Grant Ave., San Francisco	150	
Burns	33	15 N.	10 E.	Michigan Bluff Mexican Cons. Mng. Co., Wm. Buena, Sec., Placer County Bank, East Auburn	200	R. XIII, p. 276; XV, p. 354

* To save space, frequently only one of several names is shown in this column.

TABLE OF PLACER MINES AND PROSPECTS, PLACER COUNTY—Continued

Name of mine	Location			To whom assented*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Calif. Chief Development Co.	1, 5, 6, 30, 31	12 N. 13 N. 14 N.	9 10 10 E.	Calif. Chief Development Co., 608 Dooly Bldg., Salt Lake City, Utah. Calif. Hawaiian Dev. Co., 835 Mills Bldg., San Francisco.	518	
Calif. & Virginia	32, 3, 8, 9, 16, 17, 19, 20	14 N. 13 N. 14 N. 14 N. 14 N.	11 E. 11 E. 10 E. 10 E. 10 E.	Duffey and Stevens.	150	See Relation Divide Gravel
Cambridge	20	14 N.	10 E.	Mrs. Stemple, Colfax.		R. XV, p. 380
Canada Hill	5, 5, 9	15 N.	13 E.	Hansy Snyder, E. Armstrong, et al., Grass Valley.	320	R. XV, p. 354
Canothon	23	14 N.	10 E.	Estate of James Gavin, Forest Hill.	40	Field Report
Canyon Creek	1	15 N.	10 E.	George B. Downing, et al., 531 N. New Ave., Monterey Park, Los Angeles.	57	
Canyon Creek	10	15 N.	10 E.	Stewart Gravel Mines, c/o J. D. Stewart, 138 Commercial St., Auburn.	10	R. XIII, p. 276; XV, p. 380
Carey	37	15 N.	10 E.	E. S. Benham & Wm. A. Felster, Iowa Hill.	320	R. XV, p. 354
Carmack	4, 5	15 N.	13 E.	Mrs. Marguerite Carmack, 1822 E. Jefferson St., Seattle, Washington.	130	R. XV, pp. 366-69; XVII, pp. 448-49; XVIII, pp. 263, 603; Pre. Rep. 8, p. 34; XXIII, p. 285
Cedar Creek	3	15 N.	10 E.	J. L. Gould, Alameda.	460	R. XII, p. 206; XIII, p. 276; XV, p. 335
Cedar M.				Martha Thomas, Towle, & John Thomas		
Coltine	31	15 N.	10 E.	W. H. Fowler, Colfax.		R. XV, p. 380
Consolidated Junction	26, 27, 34, 35	16 N.	10 E.	George V. Nicholls, et al., 2647 24th St., San Francisco.	70	
Court				Joseph J. Casarough, P. O. Box 336, Bouse, Yuma County, Arizona.		
Comet, et al.	3, 4	15 N.	10 E.	Gold Run Ditch & Mng. Co., Cisco Grove Auto Camp and Service Station, Cisco.	125	R. XII, p. 206; XIII, p. 279
Copper Bottom	23	15 N.	10 E.	M. E. & S. E. Sweet, 821 W. 5th St., San Jose.	55	R. XV, p. 355; XVIII, p. 211
Dam	20	15 N.	11 E.	Hidden Treasure Gravel Mng. Co., Harold T. Power, Sec. 1407 Kenneth Road, Glendale, et al.	65	R. XV, p. 355
Damocles	23, 25	15 N.	11 E.	I. L. Pierce, Forest Hill.	175	R. VIII, p. 469; IX, p. 29; 120; X, p. 481; XII, p. 200; XIII, pp. 277, 281; XV, p. 335
Dardanelles	2	13 N.	10 E.	T. L. Chamberlain, Auburn.	312	R. VIII, p. 464; IX, p. 29; X, p. 465; XI, p. 207; XIII, p. 277; XV, p. 355; Bull. 62, p. 131
Dayton	27	15 N.	10 E.	M. E. Poor, Iowa Hill.	10	
Delmas Group	26, 35	16 N.	10 E.	Mrs. Irma Delmas, Box 729, Alta.	110	
Derby	28, 33	15 N.	11 E.	A. F. McCollison, Yankee Jims.	140	
Derby & Wild Cat	11, 12	13 N.	9 E.	J. A. Ware, McKees.	46	

Devil's Basin	1, 23	14 N. 14 N.	11 E. 10 E.	R. LeRouth, Deadwood; J. E. Ferguson, Michigan Buff. Under option to Double-O Mining Company.		R. XIII, p. 282; XV, p. 353
Devil's Gate				Charles Pinoff, Forest Hill.	137	R. XV, p. 356
Dewey Cons.	33, 34	15 N.	10 E.			R. XV, pp. 356-57
Dixie Queen	9, 16, 17	14 N. 14 N.	13 E. 13 E.	L. A. Davidson, Forest Hill.	240	R. XV, p. 357; Pre. Rep. 6, p. 34; XXI, pp. 277-278, XXXI, p. 21
Dorr	33	14 N.	10 E.	Mary Stevens, et al., 2527 Fillmore St., San Francisco.	60	
Double-O Mng. Co.	31, 32	15 N.	12 E.	Double-O Mng. Co., c/o C. McCarthy, Michigan Hill.	414	R. XXXI, p. 285; Pre. Rep. 5, p. 31
Dow	33	14 N.	10 E.	Mary Dow Stevens, 555 Bush St., San Francisco, et al.		
Dragon and Carr	1	15 N.	10 E.	Estate of Mrs. George Opel, c/o J. W. Jamison, Towle.		
Dutch Flat Blue Lead	3	15 N.	10 E.	C. S. Jordan, Dutch Flat, and J. L. Gould, 16 Enloe Ave., Alameda.	80	R. XV, p. 357
Dutch Flat Canyon	34	16 N.	10 E.	Mrs. H. L. Beal, 123 Terminal St., San Jose, et al.	20	R. XV, p. 357
Dyer	35	16 N.	10 E.	Lewis A. Gould, Fremont Ave., Mountain View.	20	R. XV, p. 357
Eagle Bar				William Dally, Forest Hill.	425	R. XIII, p. 278; XV, p. 357
Elite	31, 32	16 N.	11 E.	R. Monroe, et al., Dutch Flat.	20	
Empire	27, 27	15 N.	10 E.	Frank Schmetzer, Edgerton, Ohio.	60	
Empire & Hamburg Flat	3	15 N.	11 E.	Leopold Richard Dorer, Auburn.		
Empire No. 2	3	15 N.	11 E.	F. G. Fabian, et al.		R. XXXI, p. 19
Enterprise Leasing Co.				Enterprise Co., c/o J. W. Morgan's Estate, Auburn.		See Rocky Bar
Eve	25	15 N.	9 E.			
Etley						
Eureka	F, 9	15 N.	12 E.	Eureka Cons. Drift Mng. Co., Rooms 2012-2014 Hunter-Dubin Bldg., San Francisco.	2,091	R. XIII, p. 278; XV, p. 357
Eureka Cons. Drift Mining Company	10, 17, 19	15 N.	12 E.			
Excelsior	33	15 N.	10 E.	Mrs. P. L. Yardley, Hotel Senator, Sacramento, et al.	24	See Nascent
Excelsior						
Federal	34	16 N.	10 E.	Federal Drift Mng. Co., W. T. Watson, Supt., Dutch Flat; D. W. B. Colley, Pres., R. R. Head, 812 Broadway, Oakland.	125	R. XV, p. 358
Fowler	16, 18	13 N.	10 E.	M. E. Poor, Iowa Hill.	240	R. XV, p. 359
Fitzpatrick	32	15 N.	10 E.	A. Jones, 1615 15th Ave., Seattle, Washington.	109	R. XV, p. 359
Florida & Tilton	25	14 N.	10 E.	John C. and Ed. Uren, 1016 N St., Sacramento.	15	R. XV, p. 359
Flying Fish	34	16 N.	10 E.	Forest Hill Mng. Corp., Box 734, c/o Paul Staples, Oxnard.	928	
Forest Hill Mng. Corp.	15, 16 et al.	14 N.	11 E.			See Maguire
Foss						
Frank Hoffman	28, 29	14 N.	11 E.	A. F. Kovanough, Michigan.	161	
Franklin	33	14 N.	11 E.			
Franklin	10	14 N.	11 E.	Geo. V. Nicholls, 2647 24th St., San Francisco.		R. XIII, p. 278; XV, p. 359
Franklin House						R. XXXI, p. 20
General Grant	27, 33	15 N.	10 E.	D. L. Sprague & M. E. Wain, 1337 24th St., Sacramento, Iowa Hill Gold Mng. Co., Iowa Hill.	90	R. XXXI, p. 20
General Grant	34	15 N.	10 E.			
Georgia Cons.	9, 10	14 N.	11 E.	D. M. Burns, et al., 614 Crocker Bldg., San Francisco.		

* To save space, frequently only one of several names is shown in this column.

TABLE OF PLACER MINES AND PROSPECTS, PLACER COUNTY—Continued

Name of mine	Location			To whom patented*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Georgia Hill Gravel Mng. Co. Inc.	33	14 N.	10 E.	A. G. Berlette, Auburn	737	R. XVIII, p. 211; Pre. Rep. 8, p. 34; XXIII, p. 266
Gillette	33	14 N.	10 E.	L. H. M. Ross, 646 Vernon St., Oakland, et al.	38	
Gillett	31	15 N.	10 E.	F. N. Gillett, Colfax		R. XV, p. 350
Gleason	9, 10	14 N.	10 E.	Mrs. M. Gleason, Iowa Hill		R. XV, p. 350
Gleason Cons.	22, 27	15 N.	13 E.	J. M. Inman, Downsville	610	R. XIII, p. 276; XV, pp. 369-380; XVII, p. 449; XVIII, pp. 7, 603; Pre. Rep. 8, pp. 34-35; XX, p. 13; XXI, p. 278; XXIII, p. 266; Bull. 92, p. 140
Gleason Cons.	26, 34	15 N.	13 E.			R. XV, p. 360
Golden Channel	1	16 N.	11 E.	J. W. Hyatt, Emigrant Gap	450	
Golden Dipper				Golden Dipper Placer Mng. Co., 232 Fairgreen Ave., Youngstown, Ohio		See Blue Eyes See Bald Mountain
Gold Dollar				J. & A. Borchart, 2415 I St., Sacramento		
Golden Gate	22	15 N.	13 E.	A. L. Alfred, Mabel, Karl, Dorothy and Marie Borchart, 2415 I St., Sacramento		
Golden Gate No. 2	25	15 N.	13 E.	A. K. Robinson, Auburn	103	
Golden Gem, et al.	15, 16	14 N.	11 E.	C. M. Everhart, Gold Run	640	R. XV, p. 360
Golden Nugget	12	16 N.	11 E.			
Golden River	11, 12	15 N.	11 E.	Red Point Mining Co., c/o J. A. Ferguson, Forest Hill	600	R. VIII, pp. 470-472; IX, p. 20; X, p. 436; XII, p. 206; XIII, p. 279; XV, p. 360
Golden River	13, 14	15 N.	11 E.			
Golden River	23	15 N.	11 E.			
Golden Rule	5	15 N.	11 E.	George J. Morill, c/o W. E. Dean, 105-111 Federal Realty Bldg., Oakland	39	
Golden Shaft	35	16 N.	10 E.		8	R. XIII, p. 279
Golden Star	24	15 N.	10 E.	Golden Star Mng. Co., c/o N. E. Booth, Colfax	140	R. XV, p. 360
Golden Struck	83	15 N.	10 E.	Golden Struck Cons. Mng. Co., Colfax, c/o F. D. Kuenzley	130	R. XV, p. 360
Golden West	4	15 N.	13 E.	Golden West Cons. Mng. Co., c/o E. H. Armstrong, 2094 W. Main St., Grass Valley	400	R. XV, p. 361
Gold Hill Dredging Co.				Gold Hill Dredging Co., 601 Robt. Dollar Bldg., San Francisco		R. XXXI, pp. 10-20
Gold Ring	1	15 N.	10 E.	W. N. West, c/o C. N. Taylor & Dr. W. M. Tryon, 408 Pacific Bldg., San Francisco	63	R. XIII, p. 279; XV, p. 360
Gorman	21, 23	14 N.	11 E.	A. A. Gorman, Michigan Bluff	400	R. XV, p. 361
Gould	23	15 N.	10 E.	Gold Placer Mng. Co., c/o D. S. Steanberger, San Diego		Field Report
Gould Group	25, 33	16 N.	10 E.			
Gould Group	34	16 N.	10 E.	J. L. Gould, 1450 Middlefield Road, Palo Alto	323	
Gould Group	3, 4	15 N.	10 E.			
Great Channel						See Hermit
Great Channel	1	16 N.	12 E.	Martin, Burner, et al., Forest Hill		R. XVII, p. 449; Pre. Rep. 8, p. 35
Great Channel						
Green Valley Blue Gravel	6	15 N.	11 E.	Estate of Vivian Hemphill & S. F. Theological Seminary, 228 McAdams St., San Francisco	36	
Grey Eagle	6	13 N.	10 E.	Calif. Chief Development Co., 608 Duddy Bldg., Salt Lake City, Utah	146	R. XIII, p. 279-280; XV, p. 361; XXIII, p. 267
Grizzly Canyon and Weber & Co.	3, 10	14 N.	10 E.	Estate of Chauncey H. Dana, 317 Capital National Bank Bldg., Sacramento	176	
Harry Cons.	4	14 N.	13 E.	Thomas F. Haney, Last Chance		R. XV, pp. 360-361
Hard Climb	3, 9	14 N.	13 E.	Estate of McCullough, Michigan Bluff and Charles Hiltos, c/o Glen Mine, Last Chance	400	R. XV, pp. 261-62; Pre. Rep. 8, p. 35; XXI, pp. 278-79
Harmon						See Big Dipper
Haskell	21, 28	12 N.	8 E.	Haskell Gold Mining Co., c/o Ed. Gaylord, Auburn, et al.	330	Field Report R. XV, p. 362. See Haskell
Header	28	13 N.	8 E.		33	R. XIII, p. 280; XV, p. 362
Head	28	16 N.	11 E.	Robert Watson, Blue Canyon		
Hayden Hill	6	15 N.	11 E.	James Ross, Towle		
Hazard	16, 21	14 N.	11 E.	Hazard Gravel Mng. Co., c/o W. S. Andrews, Newhall Bldg., San Francisco	222	
Hector Ranch						R. XXXI, p. 20
Hermit	3	14 N.	11 E.	Mrs. Bowen, Michigan Bluff		R. XIII, p. 280; XV, p. 362
Hidden Treasure	26, 27	15 N.	11 E.	Hidden Treasure Gravel Mng. Co., Harold T. Fowler, Sec., 1407 Kenneth Road, Glendale	85	R. VIII, p. 466; IX, pp. 29, 120; X, p. 451; XII, pp. 200-210; XIII, p. 281; XV, p. 362; U.S.O.S. Paper 73
Hidden Treasure	34, 35	15 N.	11 E.			
Hogback Cons.	1, 2, 3	15 N.	12 E.	Hogback Cons. Pl. Mng. Co., c/o J. A. Ferguson, Forest Hill	298	R. VIII, p. 472; XIII, p. 261; XV, p. 363
Homestake	31	14 N.	11 E.	M. Sarge, Forest Hill		R. XV, p. 363
Home Ticket	20, 33	15 N.	12 E.	J. F. Thompson, Forest Hill		R. XV, p. 363; Pre. Rep. 8, p. 35; XVIII, p. 211; XXXI, p. 20
House, Garden Claim, You Bet and Brown	33, 34	16 N.	10 E.	George V. Nicholls, et al., 2647 24th St., San Francisco	62	R. IX, p. 217; XIII, p. 251; XV, p. 362
Horseshoe Bar	4	13 N.	11 E.	Horseshoe Bar Cons. Mng. Co.	59	
Hoexter	6	13 N.	10 E.	C. H. Freeman, et al., c/o Tom Nicholls, 306 Foxcroft Bldg., San Francisco		
Indian Canyon	27, 28	15 N.	10 E.	Margaret G. Barrett, 222 2d Ave., San Francisco	59	
Indiana Hill	33	15 N.	10 E.	C. E. Toler, 623 S. 2d St., San Jose, et al.		
Iowa Hill	9, 10	15 N.	10 E.	J. L. Sparhawk, Iowa Hill		R. XV, p. 363
Iowa Hill	26, 27	14 N.	10 E.	Wm. Muir, Oakland		
Iowa Hill and Byrds Flat	34	15 N.	10 E.	Jas. J. Cavanaugh, P.O. Box 356, Beuss, Yuma County, Arizona; Mary Gleason Cross, B. Marsh & Eliza Gleason Sullivan, 622 15th Ave., San Francisco		
Irish & Byrds	3, 4	14 N.	10 E.	McGeechin Placer Gold Mng. Co., 317 Capital National Bank Bldg., Sacramento, c/o C. H. Dana		
Italian				C. D. McKinley, Auburn		

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TABLE OF PLACER MINES AND PROSPECTS, PLACER COUNTY—Continued

Name of mine	Location			To whom assessed*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Jack Robinson	15	14 N.	13 E.	S. S. Caples, 3234 6th Ave., Sacramento		R. XV, p. 363
Jarvis	14	15 N.	11 E.	H. M. Jarvis, Mobile, Alabama	180	R. XV, p. 363
Jeffries, Live Oak	27	15 N.	10 E.	F. M. Howard et al., 3720 1st Ave., Sacramento	36	
Jupiter Cons.	11	14 N.	10 E.	McGeachin Placer Gold Mng. Co., 317 Capital National Bank Bldg., c/o C. H. Dunn, Sac., Sacramento	250	R. XV, p. 363 R. XV, p. 382; XXXI, p. 20 R. XV, p. 382
Kelly	9	11 N.	8 E.	M. A. Kelly, Auburn		
Kinder River	28	15 N.	10 E.	Estate of T. L. Schwab, Iowa Hill		
Ladies Canyon				W. F. Ford, Forest Hill, c/o George S. Ford		
Laird River Claim				Sam Laird, Loomis		R. XIX, pp. 140-141; XXIII, p. 267
Lebanon	5	14 N.	10 E.	Lebanon Mng. Co., c/o M. Frenzel, 404 25th St., Oakland; J. E. Walsh, Auburn; C. H. Freeman, 208 Fourness Bldg., San Francisco, et al.	130	Field Report R. XV, p. 382 See Jarvis
Lehigh	30	14 N.	11 E.	J. P. Thompson, Foresthill		R. VIII, pp. 474-75; IX, p. 29; XIII, p. 282 R. XIII, p. 282; See Devil's Basin
Bob Lewis						
Live Oak	29	14 N.	10 E.			
Lofouth						
Lost Camp	23	16 N.	11 E.	E. T. Robie, Auburn; Geo. F. Miller, Blue Canyon, et al.	600	R. XIII, p. 282; XV, pp. 364, 378-77; XVII, p. 451; XXXI, p. 20
Lucky George	16	14 N.	12 E.	M. Savage, 1242 Polk St., San Francisco	40	
Mcclellan	1	15 N.	12 E.	Katherine J. Hall, 2411 Hildebrand Ave., Berkeley; Mrs. Agnes Snyder, Foresthill; Tellah E. Richards, Box 344, Sausalito	110	R. XV, p. 364; XVII, p. 449; Pro. Rep. 8, p. 35
Mad Canyon, New York Bar, Apache				Marsh Lowell, Auburn		
Maguire	30	16 N.	17 E.	Mr. and Mrs. Wm. Maguire, Nevada City	122	R. XV, p. 364
Mammoth	5, 6	12 N.	9 E.	J. P. Moller, 2306 L St., Sacramento		
Mammoth Bar	32, 33	13 N.	9 E.	Howard W. Davis, Auburn, et al.	132	R. IX, p. 280; X, p. 417; XII, p. 210; XIII, p. 282
Manhattan	15, 16	14 N.	11 E.	Estate of A. K. Robinson, Auburn	187	
Marias	35	14 N.	11 E.	Estate of E. A. Hill, Michigan Bluff	153	R. XV, p. 364
Marlin	31	15 N.	10 E.	F. P. Galisier, Colfax	20	R. XV, p. 382
Mascot	28	14 N.	10 E.	George McAlister, Auburn, et al.		R. XV, pp. 357-358; XVII, pp. 449-450; XIX, p. 13; XXIII, pp. 265-66
Masonic	27	15 N.	10 E.	Masonic Mng. Co., c/o Alfer McIntosh, Roseville		
Maus Tunnel	35	14 N.	10 E.	W. H. Craig, Foresthill		R. XV, p. 364
	15, 22	14 N.	10 E.			
	23, 24	14 N.	10 E.			
Mayflower, et al.	25, 26	14 N.	10 E.	Mayflower Gravel Mining Co., c/o Richard Detert, 963 Market St., San Francisco	2,653	R. VIII, p. 487; IX, pp. 29, 120; X, p. 453; XII, pp. 210-11; XIII, p. 283; XV, pp. 364-365; Bull. 92, p. 137
	27	14 N.	10 E.			

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GOLD MINES OF PLACER COUNTY

McGeachin	3, 4	14 N.	10 E.	McGeachin Placer Gold Mng. Co., c/o C. H. Dunn, Capital National Bank Bldg., Sacramento	1,685	Includes Morning Star, et al. See Bureau
McManus River	9, 10	14 N.	10 E.			
Midas	28	16 N.	11 E.	Mrs. Minnie Stussup, 100 Harrison Ave., Sausalito		R. XV, p. 365
Missouri	33, 34	14 N.	10 E.			
Mobile Hill & Campbell	4, 9	14 N.	10 E.	Mrs. Mary Mitchell, 404 28th St., Oakland	35	R. XV, p. 365
Moheawk	26	15 N.	10 E.	N. E. Booth, Colfax		
Monumental	4	15 N.	13 E.	Peter P. Hiest, E. W. Smith & A. A. Bissell, Westville	300	R. XIII, p. 283; XV, pp. 365-366
Moody Ridge	3, 10	15 N.	10 E.	Mr. Moody, Pacific Hardware Co., San Francisco	120	R. VIII, p. 472; IX, p. 29; X, p. 240; XII, p. 211; XIII, p. 283; XV, p. 366
Morning Star	33, 34	15 N.	10 E.	McGeachin Placer Gold Mng. Co., c/o C. H. Dunn, Capital National Bank Bldg., Sacramento	163	R. VIII, pp. 472-473; IX, p. 29; X, p. 420; XII, p. 211; XIII, p. 283; XV, p. 360; XVII, p. 43
Mountain Chief	34	14 N.	11 E.	Fred Outhouse, Foresthill	270	R. XV, p. 366
Mountain Tunnel	3	15 N.	10 E.	A. C. Bequette, Auburn	90	
Mountain View				Mrs. J. V. Watson, 2420 L St., Sacramento, et al.	469	See Forest Hill Mng. Corp.
Muir Tunnel Cons.	15, 16	14 N.	11 E.		100	R. XIII, pp. 283-84; XV, p. 360
New Beacon	23	12 N.	6 E.		350	R. XV, p. 365
New Basil Cons.	2, 3	15 N.	12 E.	R. F. McLeod, 350 California St., San Francisco		
New Bull Cons.	10, 11	15 N.	12 E.		72	
New York & Refuge Canyon	9	14 N.	10 E.	Anna M. Schwab, Apt. 1, 1000 Oak St., San Francisco		
	3, 4, 9	15 N.	10 E.	Nichols Estate Co., 613 Fourness Bldg., San Francisco	123	
Nichols Estate Co. Group	10, 13	15 N.	10 E.			
North American	25	16 N.	11 E.	Mrs. F. D. Develer, c/o C. B. Thompson, Rio Vista		R. XV, p. 365
North Bell	22	15 N.	10 E.	E. DeKruze and R. F. Cannon, Iowa Hill		Field Report
North Fork and Bear River, Bear River Tunnel and 1,000 Ft. Claim	4	15 N.	10 E.	Wm. Nichols, Jr., 816 Mendocino Ave., Berkeley, et al.		
North Star	32, 35	16 N.	10 E.	North Star Mng. Co., c/o E. J. Thomas, 564 Market St., San Francisco		
North Star, et al.	33	15 N.	10 E.	North Star Mng. Co., 404 25th St., Oakland, c/o Mrs. M. Mitchell	19	
Occidental	3	14 N.	10 E.	Occidental Mng. Co., c/o N. E. Wretman, 711 National Bank Bldg., San Jose	171	R. XV, p. 365
Oregon Rule	52	15 N.	10 E.	Estate of C. F. Macy, c/o W. S. Macy, Iowa Hill	50	
Oro	10	14 N.	11 E.	A. Dixon, Michigan Bluff		R. XIII, p. 284; XV, p. 369 See Chenoweth Dredger
Oro Bell Dredge						
Oro and Dardanelles	27, 34	14 N.	10 E.	Mayflower Gravel Mng. Co., c/o Richard Detert, San Francisco	313	
	35	14 N.	10 E.			
	3, 3	13 N.	10 E.			
Oro & Mtn. View	14, 15	15 N.	10 E.	Oro & Mtn. View Cons. Mng. Co., c/o W. H. Russell, Colfax	221	
Outhouse Cons.	22, 23	15 N.	10 E.	Outhouse Cons. Mng. Co., Fred Outhouse, Fremont, Foresthill	900	R. XV, p. 365 See Carmack
Pacific Blue Lead	24	15 N.	11 E.			

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TABLE OF PLACER MINES AND PROSPECTS, PLACER COUNTY—Continued

Name of mine	Location			To whom assessed*	Area, acres	Bibliography
	Sec.	Twp.	Range			
Pacific Gold Gravel	26	13 N.	13 E.	Pacific Gravel Gold Co., Michigan Bluff	180	R. XV, p. 371
Pacific Slab	33, 34	15 N.	12 E.	J. F. Thompson, Foresthill	179	R. XV, pp. 346-47; 362-70
Packard Twin, Packard Ext., Packard	1	15 N.	12 E.	H. L. Stosson, Jr.	360	
Paragon, Breese & Wheeler, et al.	10, 21 30	14 N.	11 E.	J. F. Thompson, Foresthill	273	R. VIII, pp. 467-68; X, p. 483, IX, p. 29; XII, p. 206; XIII, p. 275; XV, pp. 347, 370-71; Bull. 92, pp. 136-137; XXXI, p. 30; U.S.G.S. Prof. Paper 73
Park & Brown	21	15 N.	13 E.	C. D. McKinley, Auburn, & A. Harrison, Last Chance	160	R. XV, pp. 377-78; XXI, p. 270
Pear Tree and Necessity	2	13 N.	9 E.	C. M. Langstaff, M. Savage, Foresthill		See Mayflower Gravel Mng. Co.
Peckham Hill						R. XV, p. 371
Penn Valley	27	15 N.	10 E.	Mrs. B. T. Jamieson, 413 3d St., San Rafael	120	
Pennsylvania	3	14 N.	10 E.	C. H. Freeman, 205 Foxcroft Bldg., San Francisco, et al.		See Gold Ring
J. D. Peter's						R. XV, p. 382
Pine Avenue						
Pine Nut	20	14 N.	13 E.	Fred C. Davidson and George Scherer, via Michigan Bluff	320	R. XV, pp. 375-79; XVIII, p. 603; XXI, p. 279
Pioneer Flaming Co.	9, 16 17, 20	14 N.	10 E.	Pioneer Flaming Co., c/o Geo. Stempel, 325 Fell St., San Francisco	157	
Pioneer Slope	21	14 N.	10 E.	W. H. Craig, Foresthill		R. XV, p. 371
Pioneer Queen				Placer Queen Gold Mng. Co.		R. XV, p. 262
Pleasant Bar	33	14 N.	11 E.	E. Kavanaugh, 40 J St., Sacramento	70	R. XV, p. 379
Polar Star	34, 35	10 N.	10 E.	Wm. Nicholls, Jr., 646 Almodocino Ave., Berkeley		R. XV, p. 373
Polar Star, Little Bear, Southern Cross	34	14 N.	10 E.	Geo. V. Nicholls, et al., 2647 24th St., San Francisco		R. XV, p. 379
Pond	3, 4 23, 34	13 N.	10 E.	Kate T. Woolsey, c/o Trimble De Roodt, 15 Murray St., New York	179	R. XV, p. 382
Petate Flatiron						R. XV, p. 382
Poverty Bar	35	13 N.	9 E.	Charles A. Fowler, 1051 47th St., Sacramento		
Protection	34	14 N.	13 E.	Glens Cross. Mng. Co.	100	
Railton Divide Gravel				California and Hawaiian Dev. Co., J. E. McCandless, Pres., 859 Mills Bldg., San Francisco		R. XV, pp. 371-372; XVII, pp. 450-51; Pre. Rep. 8, p. 26
Red Hill	26	13 N.	9 E.	J. E. & C. H. Walsh, Auburn	40	
Red Hill & Van Emon	22, 27	14 N.	11 E.	Walter S. Wilby, Michigan Bluff		See Golden River
Red Point						R. XV, p. 372; XXI, p. 250
Red Star				D. M. Ray, Last Chance, & M. Savage, Foresthill		
Reed	8	15 N.	13 E.	J. D. Meredith, Capital National Bank Bldg., Sacramento	150	R. XV, p. 372

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Hitchie				Kate Volght, Adeline St., Oakland	50	
Robinson	26, 27 34	15 N.	13 E.	Estate of A. E. Robinson, Auburn		R. XXI, pp. 279-80
Robinson Flat, Screw Auger				W. S. Edwards		R. XV, p. 363
Rocky Bar	1	14 N.	9 E.	O. L. Ester, Colfax		R. XV, p. 372
Rough & Ready	33, 35	14 N.	10 E.	Emma Williams, 3514 Encinal Ave., Alameda; O. E. Garrison, 715 I St., Sacramento, et al.		R. XVIII, p. 263
Sacramento				Mayflower Gravel Mng. Co., c/o Richard Deterl, 905 Market St., San Francisco, et al.		R. X, p. 426; XIII, p. 255; XV, p. 372
Sailor Canyon	36	16 N.	13 E.	Sailor Canyon Gravel Mng. Co., W. H. Daffy, Supt., San Francisco		See Laird River Claim
San Laird						R. XV, p. 383
San Francisco	33, 34 3	14 N.	10 E.	San Francisco Placer Mng. Co., c/o Anglo-California Trust Co., San Francisco	10	R. XV, p. 372
Santa Fe				Morgan Green & Co., Auburn		
Schlotman				Mrs. J. P. Just, 1509 E St., Sacramento	160	R. XII, 213; XIII, p. 253; See Outboaze
Scott & Glacier	30	16 N.	12 E.	Torle Estate, Towle, California		See Shell Mine
Seller				T. Ronneberg	160	R. XIII, p. 283; XV, p. 372
Shackleton				Estate of Shaw Brothers		R. XV, p. 372
Shady Lode	6	15 N.	13 E.	Mrs. Caprara, Grandview	40	R. XII, p. 212; XIII, p. 245; XV, p. 373
Shaw Brothers				Perry and A. V. Shell, Blue Canyon		R. XXXI, p. 21
Shelby	27	15 N.	10 E.	Mr. Federer and James Nicholson, Sacramento		R. XIII, p. 285; XV, p. 373
Shell	27	14 N.	10 E.	Geo. V. Nicholls, et al., 2647 24th St., Sacramento, et al.	576	R. XV, p. 373
Small Hope				N. W. Nash & H. W. Bradley, Sterling City		R. XV, p. 373
Small Hope and Arthur				L. C. Hines, Westville, Mgr.		R. XV, p. 373
Southern Cross	34	16 N.	10 E.	H. Gusch, Iowa Hill, Ben Ross, 327 28th St., Sacramento, et al.	26	
Spring Garden Coas.	5, 6, 7	13 N.	10 E.	Stewart Gravel Mines Co., c/o J. D. Stewart, 136 Commercial St., Auburn	630	R. XV, pp. 373-74
Star	8	13 N.	10 E.	A. M. Colwell, Yankee Jim, Mgr.		R. XIII, p. 286; XV, p. 373
Star United	25 27	15 N.	10 E.	John Watts, Jr., Colfax	211	
Stewart, et al.	2, 3, 4	15 N.	10 E.	Estate of C. F. Macy, c/o W. S. Macy, Iowa Hill	250	
St. George	9, 10 23	15 N.	10 E.	John A. Ferguson, Foresthill		R. X, pp. 420, 422; XVIII, p. 211
Strawberry	23, 26	15 N.	10 E.	W. E. Griggs, Iowa Hill	19	
Suncoas	13, 23 24	15 N.	10 E.	P. W. Nicholson		R. XV, p. 384
Sunset Flat & Sehlbach	25, 25 25, 30	15 N.	10 E.	J. E. Vickford, Michigan Bluff		R. XV, p. 374
Sunpler	14	15 N.	10 E.	J. L. Sparkhawk, Iowa Hill	259	R. XV, p. 374
Sunset and Riverside	7, 10	16 N.	11 E.	Martin Thomas and P. C. Adams, Colfax		R. XV, p. 384
Swamp Angel	34, 35	15 N.	11 E.	Truro Mng. Co., Applegate, c/o G. C. Hepburn	109	R. XIII, p. 286; XV, p. 374
Swift Shore	2, 3	14 N.	11 E.			
Tarpole Coas.	6	15 N.	13 E.			
Thomas & Adams	1	14 N.	9 E.			
Truro	21, 22	15 N.	10 E.			

* To save space, frequently only one of several names is shown in this column.

GOLD MINES OF PLACER COUNTY

TABLE OF PLACER MINES AND PROSPECTS, PLACER COUNTY.—Continued

Name of mine	Location			To whom assessed*	Area acres	Bibliography
	Sec.	Range				
		Twp.	Range			
Turkey Hill Consolidated.....	9, 10	14 N.	11 E.	J. T. Williams, Merced Bluff.	270	R. X, p. 41; XII, p. 213; XIII, p. 256; XV, p. 374; XXXI, p. 20
Twenty-one.....	15, 16	14 N.	11 E.	O. P. Goodman.		
U. 63.....	3, 25	14 N.	10 E.	Wm. Bates, Newcastle, & 403 Wm. Hall, 3400 43d St., Sacramento.	8	R. XV, p. 374
Union.....	3, 4	13 N.	10 E.	J. H. Bunchel, Dutch Flat.	640	
Velez.....	15, 16	14 N.	12 E.	Golden Placer Gravel Mfg. Co., 222 Foster St., San Francisco.	135	
Volcano.....	20	14 N.	11 E.	Mrs. Rosanna Seely, 104 W. Oak St., Stockton.	113	
Walsh.....	17	13 N.	10 E.	J. E. & C. H. Walsh, Auburn.		
Washington Great Mining Company.....						
Waterhouse.....	26	15 N.	10 E.	John Walter, Colfax.		
Watts Prospect.....	7, 8	14 N.	10 E.	Estate of T. L. Schwab, Java Hill.	240	
Wicks.....	9	13 N.	11 E.	C. P. Hanson, 1218 Grand St., Alameda.	160	R. XIII, p. 255
Whipple & Bartlett.....	27	15 N.	10 E.	Margaret C. Barrett, 222 2d Ave., San Francisco, & Mrs. E. Roberts, c/o Hotel C. Kubison, 304 Washington St., Roswell.	23	R. XIII, pp. 455-467 R. XV, p. 374. See Big Dipnet R. XVI, p. 375 R. XV, p. 375
Wills.....	21	11 N.	11 E.	Mrs. Mary Dixon, 2422 W. St., Sacramento		
Wolcott.....				Estate of Morris Will, c/o J. A. Will, Michigan Bluff.		R. XIII, p. 256; XV, p. 375 See Buchanan
Wolverine.....	37	15 N.	10 E.	C. M. Coffing, 10131 St., Sacramento	35	See Dyer
X-Ray.....				F. Stevens, San Francisco.	320	R. XV, p. 213
Yule & Wiley, A. & E., Franklin.....				Alfred Dixon, 2322 W. St., Sacramento California	40	
Zelma Bell.....	18	14 N.	10 E.	Zelma Bell Mfg. Co.		R. XV, p. 384

* To save space, frequently only one of several names is shown in this column.

SAN FRANCISCO FIELD DISTRICT

C. McK. LAZURE, Mining Engineer

Reports covering the mines and mineral resources of all of the counties in the San Francisco field division are now available, and field work at present is confined to investigations for special reports upon various economic minerals.

LOS ANGELES FIELD DISTRICT

W. D. TUCKER and R. J. SAMPSON, Mining Engineers

Reports covering the mines and mineral resources of most of the counties in the Los Angeles field division are now available. Field work at present is confined to investigations for new reports upon Inyo and Mono counties.

Record Number	Site for Sort	Classifier/Sort	Commod/Prac/Sort	Dep Type /In/1	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec
C012048	BIG BEN CONS.		AU	L00E	013N	008E		25
C012067	THREE STARS	OPHR	AU AG	L00E	012N	007E		02
C012092	LAMBERT & RHODES, KA	OPHR	AU	L00E	012N	007E		11
C012093	RECIPROCTY	GOLD HILL	AU AG	L00E	012N	007E		11
C012094	COLORADO AND TRO	OPHR	AU	L00E	012N 012	007E 008		12 07
C012095	WHITE CLOUD CLAIM	OPHR	AU	L00E	012N	007E		12
C012096	COOPER CLAIM		AU	L00E	012N	007E		12
C012098	GOLD BLOSSOM	OPHR	AU AG PD ZN	L00E	012N 012	007E 008		12 07
C012099	PACIFIC	OPHR	AU	L00E	012N	007E		12
C012100	GRASS RAVINE AND WOR	OPHR	AU	L00E	012N	007E		12
C012103	EUREKA MINE	OPHR	AU PB	L00E	012N	007E		13
C012107	OLD PACIFIC	OPHR	AU AG	L00E	012N	007E		25
C012112	ALABAMA		AU AG CU PB	L00E	012N	007E		35
C012116	MCANANY		AU	L00E	012N	007E		36
C012117	ELIZABETH MINE	STEWARTS FLAT	AU PB	L00E	012N	007E		35 36
C012124	BOBTAIL PROSPECT	DAIRY FARM	AU CU	L00E	013N	007E		18
C012125	CROSBY MINE		AU	L00E	013N	008E		25
C012128	CENTENNIAL	DUNCAN HILL	AU CU	L00E	012N	008E		17
C012133	GOLDEN RULE	ROCKLIN	AU	L00E	011N	008E		17
C012142	MARGUERITE	ROCK CREEK	AU CU PB	L00E	012N	008E		03
C012143	SALSBIC	ROCK CREEK	AU PB	L00E	012N	008E		03
C012147	JULIAN	OPHR	AU	L00E	012N	008E		07
C012148	HITTLER CONSOLIDATED	OPHR	AU AG PB	L00E	012N	008E		07
C012149	PEACHY CONSOLIDATED	OPHR	AU	L00E	012N	008E		07
C012150	ST. LAWRENCE		AU PB SB AG	L00E	012N	008E		07
C012151	DOLORES AND BLACK SP	OPHR	AU	L00E	012N	008E		07
C012152	BLACK JACK CLAIM	OPHR	AU	L00E	012N	008E		07
C012154	SPANISH	OPHR	AU	L00E	012N	008E		07
C012155	FRANKLIN, QUINN, QUI	OPHR	AU	L00E	012N	008E		07
C012156	PINNEY AND DEMJOHN	OPHR	AU	L00E	012N	008E		07 08
C012160	QUINN, GREEN-WALTER,	OPHR	AU CU	L00E	012N	008E		07 08 17
C012162	DOG CONSOLIDATED	OPHR	AU	L00E	012N	008E		07
C012164	CRANDELL MINE	OPHR	AU	L00E	012N	008E		08
C012166	GREENMINE	OPHR	AU	L00E	012N	008E		08
C012167	LIZARD	OPHR	AU	L00E	012N	008E		08
C012168	GOLDEN RULE, LUCKY,	OPHR	AU	UNKNOWN	012N	008E		08
C012169	BOOTH	OPHR - DUNCAN HILL	AU PB AG CU	L00E	012N	008E		08 09 16
C012170	MINA RICA	OPHR	AU AG	L00E	012N	008E		17
C012177	CALIFORNIA	OPHR	AU	L00E	012N	008E		16
C012178	BIG PINE MINE	OPHR	AU AG PB CU	L00E	012N	008E		16
C012181	LINDQUIST	OPHR	AU	L00E	012N	008E		16
C012182	MALMBERG	OPHR	AU	L00E	012N	008E		16
C012184	E EXT. SHURTLEFF, E.	OPHR	AU PB	L00E	012N	008E		16
C012185	CONRAD	OPHR	AU PB	L00E	012N	008E		17
C012186	PINE TREE		AU AG	L00E	012N	008E		16 17
C012187	BUTCHER BOY CLAIM	OPHR	AU	L00E	012N	008E		17
C012189	ECLIPSE CONSOLIDATED	OPHR	AU AG PB ZN	L00E	012N	008E		17
C012190	ROCKY RIDGE	OPHR	AU	L00E	012N	008E		17
C012191	GOLDEN STAG		AU AG MO	L00E	012N	008E		17
C012192	MOORE MINE	OPHR	AU AG ZN CU	L00E	012N	008E		17
C012193	HOPE	OPHR	AU	L00E	012N	008E		17
C012194	HEW ERA AND BRUSH FE	OPHR	AU	L00E	012N	008E		17
C012195	HILL CLAIM	OPHR	AU	L00E	012N	008E		17

Record Number	Site for Sort	District for Sort	CommodPresSort	Dep Type first	TownshipRangeSe	TownshipRangeSe	TownshipRangeSe	TownshipRangeSe
M012025	BUCKEYE		W		0	0		
M012028	ENWOOD SAND AND ROCK		SDG	SEDIMENTARY	11N	06E	35 36	
M012029	DREDGE TAILINGS.		AU		011N	006E	36	
M012030	REPORTED OCCURRENCE		ZR		012N	006E		
M012031	CLAY CORR. OF CALIF.	LINCOLN	CLY	SEDIMENTARY	12N	06E	04 06	
M012032	GLADDING McBEAN & CO	LINCOLN	CLY	SEDIMENTARY	12N	06E	04 09 10	
M012033	REPORTED OCCURRENCE		SIL		012N	006E	09 10	
M012034	E. M. KAUFELD		AU		012N	006E	11 12	
M012036	DREDGED AREA		AU		012N	006E	14 23	
M012037	QUARRIES ACTIVE 1893	LINCOLN	GRF	IGNEOUS	012N	006E	19	
M012038	NEW BACCARAT	LINCOLN	AU		012N	006E	23	
M012040	GLADDING RANCH		AU		013N	006E		
M012041	VIRGINIA PLACER CO.		AU	PLACER	013N	006E	13 14	
M012042	VALLEY VIEW		CU AG AU PB	VEN	013N	006E	13 24 12	
M012044	REPORTED OCCURRENCE		AU		013N	006E	14	
M012045	C.N. CHITTENDEN LEASE		AU		013N	006E	15 16	
M012046	DREDGED AREA		AU	PLACER	013N	006E	16 21	
M012047	OAKWOOD PLACER MINN		AU	PLACER	013N	006E	22 23 25 26 27 28	
M012051	DAIRY FARM (TRENT, V		CU AU AG	REPLACEMENT	014N	006E	27	
M012053	ORO BELL DREDGING CO		AU	PLACER	010N	007E		
M012054	ROSEVILLE GOLD DREDG		AU	PLACER	010N	07E	08 08 10	
M012055	FARMENTER PROPERTY (		AU		011N	007E		
M012056	E.B. SKEELS AND PANT	ALLENS	AU		011N	007E		
M012057	DREDGE TAILINGS.		AU	PLACER	011N	007E	02	
M012058	REPORTED OCCURRENCE		QTZ		011N	007E	08	
M012060	LOOMIS QUARRY		STN GRT	IGNEOUS	011N	007E	09	
M012061	UNION GRANITE CO.		STN2		011N	007E	11 19	
M012062	GOLD HILL DREDGING C		AU	PLACER	011N	007E	14	
M012063	LAIRD GRAVEL MINE.		AU	PLACER	011N	007E	14 15	
M012064	ROCKLIN		GRT	IGNEOUS	011N	007E	19	
M012066	UNIDENTIFIED QUARRIE		STN GRT	IGNEOUS	011N	007E	19	
M012067	OSCAR KESTI QUARRY	ROCKLIN	GRT	IGNEOUS	011N	007E	19	
M012068	ROCKLIN QUARRIES		STN GRT	IGNEOUS	011N	007E	19 20 30	
M012069	DELANO GRANITE CO.	ROCKLIN	GRT	IGNEOUS	011N	007E	20	
M012070	LEE MINE (MURDOCH)	ROCKLIN (LOOMIS)	AU		011N	007E	22 27	
M012072	BARTON DRIFT MINE	ROCKLIN	AU		011N	007E	28	
M012073	GRANITE QUARRIES	ROCKLIN	GRT	IGNEOUS	011N	007E	29	
M012074	PACIFIC GRANITE CO.	ROCKLIN	GRT	IGNEOUS	011N	007E	29	
M012075	KESTI QUARRY	ROCKLIN	GRT	IGNEOUS	011N	007E	30	
M012076	HENDRICKSON QUARRY	ROCKLIN	GRT	IGNEOUS	011N	007E	30	
M012077	ESCOLA, KAMOLA AND	ROCKLIN	GRT	IGNEOUS	011N	007E	30	
M012078	PISILA AND AHO QUARR	ROCKLIN	GRT	IGNEOUS	011N	007E	30	
M012079	WACKMAN QUARRY	ROCKLIN	GRT	IGNEOUS	011N	007E	30	
M012080	UNION GRANITE CO.	ROCKLIN	GRT	IGNEOUS	011N	007E	30	
M012081	HEBRICK QUARRY	ROCKLIN	GRT	IGNEOUS	011N	007E	30	
M012082	REPORTED OCCURRENCE		SIL		012N	006E	09 10	
M012090	GARDILLA GOLD DREDGE	GOLD HILL	AU	PLACER	012N	007E	08	
M012091	REPORTED OCCURRENCE		AU		012N	007E	09	
M012097	AUBURN PACIFIC		CU AU AG PB		012N	007E	12	
M012104	RED RAVINE PLACER CL	OPHR	AU	PLACER	012N	007E	13	
M012105	DRIFT MINE		AU		012N	007E	15 22	
M012108	SIBLEY (SICILY) MINE		CU AG AU PB		012N	007E	26	
M012109	REPORTED OCCURRENCE		AU		012N	007E	30	

Record Number	Site or Sect	District/Sort	Commodities/Sort	Dep. Type	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec
C012196	GODDHOPE	CPHR	AU	LODE	012N	008E		17
C012197	GOLD LEAF CLAIM	CPHR	AU	LODE	012N	008E		17
C012198	ENTERPRISE	CPHR	AU	LODE	012N	008E		17
C012199	R. H. LEE CLAIM	CPHR	AU	LODE	012N	008E		17
C012200	MATHAWAY	CPHR	AU AG ZN CU	LODE	012N	008E		18
C012201	BLUE EAGLE MINE		AU AG PB CU	LODE	012N	008E		18
C012202	88 QUARTZ	CPHR	AU	LODE	012N	008E		18
C012203	BOULDER	CPHR	AU	LODE	012N	008E		18
C012205	RAZZLE DAZZLE	CPHR	AU	LODE	012N	008E		20
C012206	ADAMS	CPHR	AU PB	LODE	012N	008E		20
C012207	MOLLIE	CPHR	AU AG PB	LODE	012N	008E		21
C012208	BUTTS MINE	CPHR	AU PB	LODE	012N	008E		21
C012210	LITTLE BANNER MINE	CPHR	AU	LODE	012N	008E		22
C012225	GREEN EMIGRANT		AU	LODE	013N	008E		29
C012229	TWO ORPHANS		AU CU PB AG	LODE	013N	008E		30
C012230	CALF PASTURE MINE	ROCK CREEK	AU	LODE	013N	008E		34
C012231	ROCK CREEK VEM		AU AG	LODE	013N	008E		34
C012238	UNNAMED		AU	LODE	013N	008E		01
C012243	CUD VORE MINE	NEW ENGLAND MILLS	AU	LODE	013N	008E		03
C012248	MONARCH DEV. CO., LT		AU	LODE	013N	008E		11 14
C012251	INTERNATIONAL	FOREST HILL	AU	LODE	013N	008E		12
C012253	BURNER PROSPECT	FOREST HILL	AU	LODE	013N	008E		14
C012254	MONARCH		AU	LODE	013N	008E		14 15
C012256	NORTH STAR	DAMASCUS	AU	LODE	013N	008E		22
C012258	DEWEY PROSPECT	BUTCHER RANCH	AU	LODE	013N	008E		22
C012260	BAZACCO	BUTCHER RANCH	AU	LODE	013N	008E		22 23 26
C012264	CHRISTMAS HILL	BUTCHER RANCH	AU	LODE	013N	008E		26
C012266	CONTINENTAL		AU	LODE	013N	008E		26 35
C012284	UNNAMED		AU AG AS	LODE	014N	008E		17
C012290	LIVE OAK RAVINE	NEW ENGLAND MILLS	AU	LODE	014N	008E		23
C012291	ANNE LAURIE	NEW ENGLAND MILLS	AU	LODE & PLACER	014N	008E		24 25
C012292	BUENA VISTA	NEW ENGLAND MILLS	AU	LODE	014N	008E		24
C012293	RED BIRD CONSOLIDATE	NEW ENGLAND MILLS	AU	LODE	014N	008E		24
C012294	BAYER		AU	LODE	014N	008E		24 25
C012296	BIG JOHN	NEW ENGLAND MILLS	AU	LODE	014N	008E		25
C012297	HINCHY		AU	LODE	014N	008E		25
C012298	RUBY	NEW ENGLAND MILLS	AU	LODE	014N	008E		25
C012299	TIGAR MINE	NEW ENGLAND MILLS	AU	LODE	014N	008E		25
C012300	SPECIMEN GULCH PROSP		AU	LODE	014N	008E		25 28
C012301	BRUSHY CREEK		AU	LODE	014N	008E		26 35
C012302	BLACK OAK	NEW ENGLAND MILLS	AU	LODE	014N	008E		35
C012303	BELLE UNION	NEW ENGLAND MILLS	AU	LODE	014N	008E		35
C012307	VICTORY	IOWA HILL	AU AG CU PB	LODE	015N	008E		13
C012315	EVENING STAR		AU	LODE	015N	008E		27
C012316	BIG OAK TREE QUARTZ	COLFAX	AU	LODE	015N	008E		33
C012317	LITTLE GINGER		AU	LODE	015N	008E		33
C012318	RIISING SUN	COLFAX	AU CU	LODE	015N	008E		33 34
C012714	CHICAGO		AU ZN PB CU	LODE	012N	007E		35 30
D000380	ELDER MINE		MO CU		013N	008E		24
D000897	RUBICON RIVER		W	TACTITE				
M012022			CR		0	0		
M012023			AU		0	0		
M012024	VOID		AU		0	0		

Record Number	Site for Sort	District/Sort	Commod/Pres/Sort	Dep Type /List	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec
M012113	PENRYN GRANITE QUARR	ROCKLIN	STN GRT	IGNOUS	012N	007E	35	
M012115	ALLBRIGHT		AU		012N	007E	36	
M012119	KILAGA SPRINGS			INSUFFICIENT DATA TO	013N	008E	13 24	
M012120	ARGALL (ARGOL, ALGOL		CU		013N	007E	03	
M012121	ARGOL MINE (ARGALL?)		CU AU	VEN	013N	007E	09	
M012122	UNNAMED PROSPECTS		CU		013N	007E	09 18 20	
M012126	TAILINGS INDICATING		AU	PLACER	013N	007E	25	
M012129	UNIDENTIFIED		AU		010N	008E	18 18	
M012130	UNIDENTIFIED WORKING		AU		011N	008E	08	
M012131	KELLY	AUBURN	AU		011N	008E	09	
M012132	SMYTH RANCH		AU		011N	018E	17	
M012134	DREDGED AREAS NEAR D		AU	PLACER	011N	008E	29 30	
M012135	GOLD RECOVERIES CORP	OPHR	AU		012N	008E		
M012136	GOLD PLACERS, INC.	OPHR	AU	PLACER	012N	008E		
M012141	UNIDENTIFIED WORKING		AU		012N	008E	01 09	
M012144	SALG MINE (PATENTED	ROCK CREEK	AU AG		012N	008E	03	
M012145	REPORTED MINE	OPHR	AU		012N	008E	03	
M012153	BLACK SPANISH NO. 2	OPHR	AU		012N	008E	07	
M012185	GLOBE CONSOLIDATED	OPHR	CU		012N	008E	08	
M012171	BOUCK PROPERTY		AU		012N	008E	09 16	
M012173	DAVENPORT DEPOSIT		SIL		012N	008E	11 14	
M012174	MINE SYMBOL			INSUFFICIENT DATA TO	012N	008E	14	
M012175	DAVENPORT MINE		CU AU	VEN	012N	008E	15	
M012178	GOLDEN ARCADIA		CU AU AG		012N	008E	16	
M012183	ORO FING AND FLOYD C	OPHR	AU		012N	008E	18	
M012204	BELVOIR (BOWLDER) EX	OPHR	AU		012N	008E	18	
M012208	HASKELL (GAYLORD) (H	OPHR	AU		012N	008E	21 28	
M012213	CEST MINE		CU		10N	08E	04	
M012214	THOMEN MINE (THOMEAU)		CU		013N	008E	04 05	
M012216	PETER CEST CLAIM		CU AU AG		013N	008E	08	
M012218	CASEY		CU		013N	008E	10	
M012217	VAN GEGEN		AU		013N	008E	10	
M012218	HOTALING		FE		013N	008E	15	
M012220	BLACK ARROW RANCH DE	DRY CREEK AREA	CR	MASSIVE CHROMITE	013N	009E	16	SE, 16
M012221	PARKER RANCH (MEADOW	DRY CREEK AREA	CR		013N	009E	17	
M012228	LUCKY STRIKE		CU AU		013N	009E	30	
M012232	NEVADA MINING CO.		CU AU AG		014N	008E	32	
M012239	CALIF. CHIEF DEVELOP		AU		013N	009E	01	
M012241	UNIDENTIFIED WORKING		AU		013N	009E	01 02	
M012242	PEAR TREE AND NECESS		AU		013N	009E	02	
M012244	HEPBURN PROPERTY	COLFAX - NEW ENGLAND MILLS AREA	CR	WEATHERING RESIDUAL	013N	009E	05	SW OF SE, 05
M012246	GUGGENHEIM DREDGE		AU		013N	009E		
M012247	DERBY AND WILD CAT		AU		013N	009E	11 12	
M012249	DODDS RANCH PROSPECT	GAS CANYON AREA	CR	INSUFFICIENT DATA TO	013N	009E	12	
M012250	GREEN DEPOSIT, FARM	GAS CANYON AREA	CR	MASSIVE CHROMITE	013N	009E	12	SE, 12
M012252	GAS CANYON CLAIM, F	GAS CANYON AREA	CR	DISSEMINATED	013N	009E	13	E2 OF NW, 13
M012255	UNIDENTIFIED MINE		AU		013N	009E	15	
M012257	TYLER MINE		AU		013N	009E	18 19	
M012261	AMERICAN RIVER GOLD		AU		013N	009E	23	
M012262	FIDDLER'S GREEN, FA	GAS CANYON AREA	CR	DISSEMINATED	013N	009E	24	NW, 24
M012263	FIDDLER'S GREEN, FA		AU		0			
M012265	CUFFY PROPERTY		AU		013N	009E	26	
M012265	RED HILL		AU		013N	009E	26	
M012269	UNIDENTIFIED SHAFT		AU		013N	009E	31	

Record Number	Site for Sort	District/Sort	Commod/Presort	Dep Type first	TownshipRangeSe	TownshipRangeSe	TownshipRangeSe	TownshipRangeSe
M012271	LAMEVIEW	BUTCHER RANCH	CU AU	VEIN	013N	009E	32	
M012273	DREDGED AREAS		AU	PLACER	013N	009E	32 35	
M012274	BUCKEYE BAR		AU	PLACER	013N	009E	33 34	
M012275	EL DORADO AND PLACER	BUTCHER RANCH	AU	PLACER	013N	009E	35	
M012276	POVERTY BAR		AU		013N	009E	35	
M012277	DEVON MINE		AU		014N	009E		
M012278	ROCKY BAR (ESTEY)	COLFAX	AU		014N	009E	01	
M012279	THEISS & ADAMS	COLFAX	AU		014N	009E	01	
M012280	UNIDENTIFIED WORKING		AU		014N	009E		
M012281	PROSPECT		ASB		014N	009E	02	
M012282	BLACK STREAK CLAIM	COLFAX - NEW ENGLAND MILLS AREA	CR	INSUFFICIENT DATA TO	014N	009E	02	N2 OF NE OF SE, 02
M012285			AU		014N	009E	19	
M012288	BUGG PROSPECT	COLFAX - NEW ENGLAND MILLS AREA	CR	INSUFFICIENT DATA TO	014N	009E	21	E2, 21
M012287	MAJOR PROSPECT	COLFAX - NEW ENGLAND MILLS AREA	CR	INSUFFICIENT DATA TO	014N	009E	21	E2, 21
M012288	WEIMAR DEPOSIT		FE		014N	009E	21	
M012289	LLOYD PROSPECT		MN	RESIDUAL	014N	008E	21	
M012303	BELLE UNION	NEW ENGLAND MILLS (WEIMAR)	AU		014N	009E	35	
M012304	BEAR RIVER TUNNEL		AU		015N	009E	12	
M012306	BEAR RIVER		AU		015N	009E	12 13 14 23	
M012309	BEAR RIVER EXT. (PAT	COLFAX	AU		015N	009E	14	
M012312	WALL PROPERTY (PATEN		TLC		015N	009E	23	
M012313	ERIE		AU		015N	009E	25	
M012319	GOLD MINE		AU		015N	009E	34	
M012320	CAPE HORN OCCURRENCE		MN		015N	009E	35	
M012321	OCCURRENCE		ASB		015N	009E	35	
M012322	PROSPECTS (2)		AU		013N	010E	01	
M012323	DUFFY PROPERTY		AU		0	0		
M012328	MOUNTAIN TUNNEL		AU		013N	010E	03 04	
M020074	EMMA DEPOSIT		MN		014N	010E	20	
M020075	PETTIGREW - STAFFORD		MN	RHODONITE TYPE	014N	010E	20	
M020078	RANDEL CLAIM NO. 1		MN	RHODONITE TYPE	014N	010E	20	
M020077	YANKEE JIM DEPOSIT		MN		014N	010E		
M020423	MICHIGAN BLUFF		NI	LATERITIC-SOIL	014N	011E	20 29 30	
M020424	SUGAR PINE		NI	LATERITIC-SOIL	015N 014N	011E 011E	29 30 31 32 04 05 06 08 09	
M020823	VAN GIESEN		CJ		013N	008E	10	
M021781	ALBURN		AU	LOCE	015N	012E	16	
M021782	ALAMEDA	NEW ENGLAND MILLS	AU PB	LOCE	014N	009E	25	
M021783	AMERICAN BAR	MICHIGAN BLUFF	AU PB	LOCE	014N	011E	33	
M021788	AUSTRALIAN MINE	IOWA HILL	AU	LOCE	015N	010E	25	
M021789	BEAUTY MINE	CANADA HILL	AU PB	LOCE	015N	013E	09	
M021791	BELVOIR MINE	OPHR	AU	LOCE	012N	008E	18	
M021793	BIG BLUE	DUTCH FLAT	AU PB	LOCE	015N	010E	03	
M021797	BIG TREE		AU	LOCE	015N	012E	16	
M021798	BISBEE		AU	LOCE	013N	010E	19	
M021799	BLACK CANYON	CANADA HILL	AU	LOCE	015N	012E	02 03 10	
M021800	BLACK HAWK		AU	LOCE	015N	011E	03	
M021803	BLACK SPANISH NO. 2	OPHR	AU	LOCE	012N	008E	07	
M021804	BLUE BELL	DUTCH FLAT	AU	LOCE	015N	011E	03	
M021806	BLUE JAY		AU	LOCE	014N	011E	31 32	
M021808	BONANZA MINE	DAMASCUS	AU	LOCE	015N	011E	11	
M021809	BLUE WING	IOWA HILL	AU	LOCE	015N	010E	28	
M021810	BONNE BEE	BLUE CANYON	AU	LOCE	016N	011E	03	
M021813	BREE		AU	LOCE	015N	011E	02 03	

Record Number	Site for Sort	District/Sort	Commod/Pres/Sort	Dep Type /List	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec
M021817	BULLION		AU	LODE	012N	008E	07 08	
M021818	BUNKER AND NIHILL	MICHIGAN BLUFF	AU	LODE	014N	011E	32	
M021824	CARTER, WALLACE AND		AU	LODE	015N	013E	33 28	
M021827	CHAMPION	MICHIGAN BLUFF	AU	LODE	014N	011E	15	
M021828	CHICAGO	TAHOE	AU CU AG	LODE	018N	014E	32	
M021836	CRATER HILL	OPHR	AU PB	LODE	012N 012	007E 008	12 07	
M021838	QUKROO		AU	LODE	014N	012E	16 04 09 10	
M021839	DAHLONEGA	BLUE CANON	AU	LODE	016N 016	011E 012	12 07	
M021843	DEBBMINE	DUTCH FLAT	AU PB	LODE	015N	011E	04	
M021845	DEWEY AND STOCKER	FOREST HILL	AU	LODE	014N 014	011E 010	30 25	
M021847	COHERTY		AU	LODE	014N	011E	30 31	
M021848	COHERTY PROSPECT		AU	LODE	014N	011E	30	
M021852	DRY HILL AND BLUE JA	FOREST HILL	AU	LODE	014N	011E	31 32	
M021853	EAGLE		AU	LODE	015N	011E	02 03	
M021860	EUREKA CONS.		AU	LODE	013N 014	009E 010	01 31	
M021861	EVA LODE		AU	LODE	014N	010E	36	
M021863	FALL RAVINE	LAST CHANCE	AU PB	LODE	015N	013E	14	
M021864	FERRIER DIGGINGS		AU	LODE	014N	011E	30	
M021865	FLAT RAVINE	CANADA HILL	AU	LODE	015N	013E	27	
M021867	GARBE AND DE MARIA M	MICHIGAN BLUFF	AU MN	LODE	013N	010E	08 07	
M021868	GBM MINE	DUTCH FLAT	AU	LODE	015N	011E	02 03	
M021874	GOLDEN REWARD	CANADA HILL	AU	LODE	015N	013E	05	
M021876	GOLDEN SHEAF MINE	MICHIGAN BLUFF	AU	LODE	014N	011E	27	
M021877	GOLDEN WEST	BLUE CANON	AU	LODE	016N	011E	34 35	
M021878	GOLD KING MINE	CANADA HILL	AU PB AS	LODE	015N	013E	08	
M021882	GREAT EASTERN		AU	LODE	016N	012E	20	
M021883	GREAT WESTERN	CANADA HILL	AU	LODE	015N	013E	31	
M021888	HERMIT	LAST CHANCE	AU	LODE	015N	013E	30	
M021891	HONE STAKE		AU	LODE	013N	011E	06	
M021894	JULIA MINE	DAMASCUS	AU	LODE	015N	011E	03	
M021898	KINGS HILL QUARTZ		AU	LODE	014N	010E	07 08	
M021897	KINGS HILL QUARTZ PR		AU	LODE	014N	010E	08	
M021899	LAFOLLETTE	CANADA HILL	AU AS PB ZN	LODE	015N	013E	07 08	
M021903	LIBERTY		AU	LODE	015N	014E	30 31	
M021908	LOST EMIGRANT	TAHOE	AU	LODE	016N	014E	32	
M021913	MARS CONS.	DAMASCUS	AU AG	LODE	016N	012E	31	
M021914	MCBRIDE		AU	LODE	015N	013E	05	
M021918	MERZ MINE		AU	LODE	015N	013E	08	
M021922	MORNING STAR AND ROG		AU	LODE	012N	008E	17	
M021925	NORTH STAR MINE	DAMASCUS	AU	LODE	016N	010E	34	
M021926	NUMBER TWO MINE	DUTCH FLAT	AU	LODE	015N	010E	10	
M021930	OAL CREEK		AU	LODE	014N	010E	31	
M021932	PACIFIC SLAB	LAST CHANCE	AU	LODE	015N	012E	33	
M021933	PATRICK CONS.	CANADA HILL	AU	LODE	015N	012E	10	
M021937	PIONEER MINE	DAMASCUS	AU AG	LODE	015N	011E	03 04 10	
M021939	PRESIDENT WILSON		AU	LODE	015N	012E	20	
M021940	PROVIDENCE	IOWA HILL	AU	LODE	015N	010E	25	
M021941	QUEEN BABE	CANADA HILL	AU	LODE	015N	013E	09	
M021943	RAINBOW		AU	LODE	015N	011E	38	
M021952	ROACH HILL QUARTZ		AU	LODE	015N	010E	28	
M021955	ROOSEVELT	TAHOE	AU	LODE	015N	014E	04	
M021958	SALIG MINE	ROCK CREEK	AU AG PB	LODE	012N	008E	03	
M021960	SECRET TOWN	GOLD RILL	AU	LODE	015N	018E	10	

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M021961	SHARRON CONS., ETAL		AU	LODE	015N	011E	04	
M021964	SNOWBIRD MINE		AU	LODE	015N	011E	21	
M021968	SPANISH MINE		AU BA	LODE	014N	011E	25 26 30 31	
M021970	SUCKERS REVENGE		AU	LODE	015N	011E	02 03	
M021971	TAHOE TREASURE PROSP	TAHOE	AU CU AS	LODE	014N	016E	11 12 13 14	
M021972	TEXAS HILL AND TEXAS	BLUE CANYON	AU	LODE	016N	012E	20	
M021977	TYRON		AU	LODE	015N	010E	01	
M021978	UNNAMED		AU	LODE	014N	010E	36	
M021979	UNNAMED		AU	LODE	014N	011E	28	
M021980	UNNAMED		AU	LODE	014N	010E	38	
M021981	UNNAMED		AU	LODE	014N	010E	15	
M021984	UNNAMED		AU	LODE	013N	009E	01	
M021985	VAN AVERY MINE	BLUE CANYON	AU	LODE	016N	011E	14	
M021988	WASHINGTON MINE	FOREST HILL	AU	LODE	014N	011E	30	
M021989	WEST QUARTZ		AU	LODE	014N	011E	31	
M021990	WHISKEY TUNNEL		AU	LODE	014N	010E	30	
M021992	WHITE OAK		AU	LODE	011N	010E	14	
M021994	BONNIE BELL		AU	LODE	016N	011E	18	
M024215	CUPPER GAP	CUPPER GAP	RE					
M024308	VULCANVILLE DEPOSIT		RE		014N	011E	32	
M030166	ELDER		MO CU	AUTOMETASOMATIC	013N	008E	24	
M045288	BLUE CANYON	EMIGRANT GAP DISTRICT	AU PT	STREAM PLACER	016N	011E	14	
M045287	MAMMOTH BAR	UPPER AMERICAN RIVER AREA	AU PT IR OS	STREAM PLACER	012N	009E	05	NEAR CENTER
M045288	LINCOLN		AU PT	STREAM PLACER	012N, 013N	006E, 006E	12; 22 23 26-28 35	
M045269	PACIFIC GOLD OREGON	UPPER AMERICAN RIVER AREA	AU PT IR PD	STREAM PLACER	013N	009E	29 30 31	
M100321	ANDERSON HILL OCCURR	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	19	N2, 19
M100322	BEAR RIVER CHROME M	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	016N	011E	19	NE OF NW, 19
M100323	BEAT CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	015N	011E	06	NW OF NW OF NE, 06
M100324	BELCHER OCCURRENCE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100325	SOUTHERN PACIFIC PRD	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	014N, 014N, 015N	011E, 011E, 011E	08; 09; 09	
M100326	BETIE OCCURRENCE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	32	SE, 32
M100327	LIGHTNING STREAK CL	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	SW, 30
M100328	BLUE BELL AND BEE BE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	SW OF SE, 30
M100329	BOBO OCCURRENCE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	E2 OF W2, 30
M100330	BLOCHORN OCCURRENCE	GAS CANYON AREA	CR	INSUFFICIENT DATA TO	013N	010E	18	
M100331	CHROME DIVIDE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	31	
M100332	CHROME LODE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E		30
M100333	CHROMITE OCCURRENCE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	E2, 30
M100334	CHROMITE, GUNTON BN	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	29	NE, 29
M100335	CHURCHO CLAIM	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	NE OF SW, 30
M100336	COEBACK OCCURRENCE	FOREST HILL D/MIDE	CR	INSUFFICIENT DATA TO	015N	011E	20	E2 OF NW OF SW, 20
M100337	CRITTENDEN'S CAPCO L	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	19; 29; 31, 32	
M100338	CULTUS QUARTZ LODE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	28	
M100339	GREENS CAPCO LEASES	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N, 015N, 015N	011E, 011E, 011E	29; 31; 32	SE OF SE, 29
M100340	DIANA OCCURRENCE	GAS CANYON AREA	CR	INSUFFICIENT DATA TO	013N	010E	18	
M100341	DOODLE BUG CLAIM	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	08	NE, 08
M100342	DUFFEY LEASE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	30	
M100343	DUNN'S CAPCO LEASE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N, 015N	011E, 011E	28; 28	SW OF SW, 28, N2 OF NE, 28
M100344	DUSTY QUEEN OCCURREN	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	28	NE, 28
M100345	EASTSIDE CLAIM	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100346	EAST SIDE OCCURRENCE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	SW OF SE, 30
M100347	EAST VULCAN OCCURREN	FOREST HILL D/MIDE	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100348	HAPPY FAMILY, HARRIE	FOREST HILL D/MIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	20	W2, 20

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M100349	HODGE RANCH OCCURREN	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	016N	010E	25	NW OF 25
M100350	DART AND BRADEN CAPC	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE; DI	015N; 015N	011E; 011E	30; 31	E2, 30; SW OF NE, 31
M100351	IOWA HILL CHROME MIN	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE	015N	011E	19	SW OF SW OF SW, 19
M100352	IRON SPRING CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	015N	011E	05	
M100353	JENNIE OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	08	NE, 08
M100354	LAST CHANCE OCCURREN	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	04	SW, 04
M100355	LAZY B OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	32	W 2 OF NE, 32
M100356	LINCOLN OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100357	LITTLE V OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	32	SE OF SW, 32
M100358	LUCKY BOY OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N; 014N	011E; 011E	32; 29	SW OF SW, 32
M100359	LUCKY HUNTER OCCURRE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	20	SW, 20
M100360	LUCKY STRIKE OCCURRE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	013N	011E	8	WEST EDGE, 8
M100361	LUCKY STRIKE OCCURRE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	04	SW, 04
M100362	MARALLS' CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE; DI	015N; 015N; 015N	011E; 011E; 011E	31; 31; 31	NE OF NE, 31; SE OF NE 31; SW OF NE,
M100363	MARGOLD OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	30	SW, 30
M100364	MASTEL'S CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	19	SE OF NE, 19
M100365	MORGAN EXTENSION OCC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	010E	01	
M100366	MYSTERY OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	20	
M100367	PUGH'S CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	31; 32	NE OF NE, 31; W2, 32
M100368	RUBBERBOOT OCCURRENC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100369	SCHOOL MORN OCCURREN	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100370	SECTION 24 OCCURRENC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	24	
M100371	SMITH AND MCCULLUM P	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	18	NW, 18
M100372	SMITH AND MCCULLUM S	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	31	E2, 31
M100373	STORM WRATH OCCURREN	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100374	SUGAR LUMP OCCURRENC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	20	NW, 20
M100375	TOUT VA BIEN OCCURRE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	20	
M100376	TROUBLE OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	31	NE OF SE, 31
M100377	TURNER AND GESENDOR	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N; 015N; 015N	011E; 011E; 011E	30; 30; 30	SE OF NE, 30; SW OF SE, 30; SE OF SE
M100378	UVAROVITE CLAIM	DUTCH FLAT AREA	CR	INSUFFICIENT DATA TO	016N	010E	24	SE, 24
M100379	WASHOUT CLAIM	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE	014N	011E	30	NE OF NE OF NW, 30
M100380	VICTORY CHROME COMPA	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N; 015N; 015N; 015N	011E; 011E; 011E; 011E	19; 20; 28; 29	
M100381	VIVAN OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	32	SE OF SE, 32
M100382	VULCAN CONSOLIDATED	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	
M100383	WEILERS' CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	31	E2, 31
M100384	UNNAMED PROSPECTS	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N; 015N; 015N; 015N	011E; 011E; 011E; 011E	19; 19; 29; 29	E2 OF NE, 19; NE OF SE, 19; NE OF SE
M100385	UNNAMED PROSPECTS	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N; 014N	011E; 011E	30; 05	SW OF NE, 30; NW OF NW, 05
M100821	BOILER PIT MINE, SUG	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE, DI	015N	011E	28	NW OF SE OF SW, 29
M100825	BUNKER MINE	FOREST HILL DIVIDE AREA	CR	DISSEMINATED; MASSIV	014N	011E	20	SW OF SE OF SE, 20
M100826	DAISY BELL CLAIM	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE; DI	015N	030E	30	SE OF SW OF SE, 30
M100827	ESTHER AND PHYLLIS M	FOREST HILL DIVIDE AREA	CR	DISSEMINATED; WEATHE	015N	011E	19	W2 OF SE, 19
M100828	NORTH FORK CHROME MI	FOREST HILL DIVIDE AREA	CR	DISSEMINATED	015N	011E	07	SW OF NW, 07
M100829	PARKER RANCH CHROMIT	DRY CREEK AREA	CR	DISSEMINATED	013N	008E	17	
M100830	SUNSET MINE, SUGAR P	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE, DI	015N	031E	31	N2 OF SE OF NW, 31
W000013	CAPPS PIT	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	29	SE OF SW, 29
W017815	DUTCH FLAT-GOLD RUN		AU					
W017816	RISING SUN MINE		AU					
W017817	IOWA HILL		AU					
W017818	MICHIGAN BLUFF		AU					
W017819	FOREST HILL		AU					
W017820	OPHR		CJ AU AG		12N	08E	07 08 17 18	
W024347	UNNAMED LOCATION		ZR		012N	006E	16	
W024348	E M KAUFELD		AU		012E	008E	12	

Placer

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W024348	DREDGE TAILINGS		AU	PLACER	012N	008E	12	
W024350	GLADDING RANCH		AU		013N	008E	20	
W024351	C/N GITTENDEN LEASE		AU		013N	008E	15	
W024352	ROSEVILLE GOLD DREDS		AU	PLACER	010N	007E	09	
W024353	EXCELSIOR CLAIM		AU		014N	010E	26	
W024354	ADAMS PIT		AU		014N	010E	27	
W024355	SMALL HOPE		AU		014N	010E	27	
W024356	YANKEE JIM DIGGINGS		AU		014N	010E	28	
W024357	GEORGIA HILL MINES		AU		014N	010E	32	
W024358	CARDANELLES		AU		014N	010E	02	
W024359	BIG SPRING		AU		014N	010E	34	
W024360	BALTIMORE		AU		014N	010E	35	
W024361	INDEPENDENT		AU		014N	010E	36	
W024362	MOSS LEDGE		AU		014N	010E	36	
W024363	RIO DELORO		AU		014N	010E	36	
W024364	BLACK ROCK CHROME DE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N 013N	010E 011E	36 06	SW, 36; NW, 06
W024365	MORGAN DEPOSITS		ASB		015N	010E	01	
W024366	STEWART GRAVEL MINES		AU	PLACER	015N	010E	09	
W024367	WEST CHROME MINE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N 015N	010E 010E	01 12	NE, 12
W024368	CEDAR CREEK		AU		015N	010E	03	
W024369	DUTCH FLAT BLUE LEAD		AU		015N	010E	03	
W024370	NICHOLLS ESTATE COMP		AU		015N	010E	09	
W024371	INDIANA HILL		AU		015N	010E	09	
W024372	MAYFLOWER GRAVEL MING		AU	PLACER	014N	010E	22	
W024373	GOLD HILL		MN	RHODONITE TYPE	014N	010E	20	
W024374	LIVE OAK		AU		014N	010E	22	
W024375	MAYFLOWER		AU		014N	010E	23	
W024376	SPANISH MINES CONSOL	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	010E	28	SE, 28
W024377	GLEESON DIGGINGS		AU		014N	010E	00	
W024378	ELIZABETH HILL		AU		014N	010E	05	
W024379	OLD JUPITER		AU		014N	010E	11	
W024380	BUCKEYE		AU		014N	010E	14	
W024381	MC GEECHIN PLACER GO		AU	PLACER	014N	010E	09	
W024382	UNNAMED LOCATION		AU		014N	010E	08	
W024383	OCCIDENTAL		AU AG		014N	010E	03	
W024384	BIG DIPPER		AU		014N	010E	04	
W024385	CAMPBELL		AU		014N	010E	04	
W024386	GOULD MINE		AU		015N	010E	23	
W024387	COPPER BOTTOM		AU		015N	010E	25	
W024388	WATTS PROSPECT		AU		015N	010E	26	
W024389	DAYTON MINE		AU		015N	010E	27	
W024390	WHITE PINE		AU		015N	010E	27	
W024391	IOWA HILL		AU		015N	010E	27	
W024392	SUNRISE & SUNSET PLA			INSUFFICIENT DATA TO	015N	010E	34	
W024393	BOOTH RIVER		AU		015N	010E	29	
W024394	COLLINS		AU		015N	010E	31	
W024395	GARY MINE		ASB		015N	010E	33	
W024396	IOWA HILL & BYRDS FL		AU		015N	010E	34	
W024398	SOUTHERN CROSS		AU		015N	010E	34	
W024399	ALTA MINE		AU		016N	010E	36	
W024400	HORSESHOE BAR		AU	PLACER	013N	011E	04	
W024401	HORSESHOE BAR		AU	PLACER	013N	011E	05	
W024402	BEAR WALLOW PROSPECT	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	17	

Placer Locality

Record Number	Site for Sort	District/Sort	Commod/Pres/Sort	Dep Type List	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec
W024403	DEVILS BASIN CONS M		AU		014N	011E	05	
W024404	HEWES AND JONES CLAI	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N 014N	011E 011E	05 08	
W024405	SOUTHERN PACIFIC PRO	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	09	NW, 09
W024406	FRANKLIN		AU		014N	011E	10	
W024407	VOLCANO		AU		014N	011E	10	
W024408	FARAGON		AU		014N	011E	20	
W024409	MOUNTAIN VIEW GROUP,	FOREST HILL DIVIDE AREA	CR	WEATHERING RESIDUAL	014N	011E	20	SW OF SW, 20
W024410	COAL PIT, BUNKER MIN	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE	014N	011E	20	SE OF SW, 20
W024411	BUNKER MINES		CR		014N	011E	20	
W024412	BUNKER MINE		CR		014N	011E	20	
W024413	BAKER DIVIDE		AU		014N	011E	20	
W024414	SCHERMEIR PROSPECT	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	014N	011E	21	
W024415	BIG GUN		AU		014N	011E	22	
W024416	BURNS		AU		014N	011E	22	
W024419	LITTLE CREEK CLAIMS	FOREST HILL DIVIDE AREA	CR	DISSEMINATED	014N	011E	31	NE, 31
W024423	SOUTHERN CROSS		AU		015N	011E	03	
W024426	JULIAN CLAIMS	DUTCH FLAT AREA	CR	DISSEMINATED	015N	011E	05	NW, 05
W024427	OAK PATCH CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE; D	015N	011E	05	
W024428	SCOTT CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	015N	011E	06	NW CORNER LOT 19, 06
W024429	SNAKEHEAD CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	015N	011E	06	LOT 27, 06
W024430	LUCKY STRIKE CLAIM	DUTCH FLAT AREA	CR	INSUFFICIENT DATA TO	015N	011E	06	CENT., 06
W024431	DUNBAR LEASE	DUTCH FLAT AREA	CR	INSUFFICIENT DATA TO	015N	011E	06	LOT 3, 06
W024432	NORTH FORK CHROME		CR		015N	011E	07	
W024433	RED POINT		AU		015N	011E	15	
W024434	POTATO FLATRION		AU		015N	011E	14	
W024435	JARVIS		AU		015N	011E	40	
W024436	BOB LEWIS		AU		015N	011E	14	
W024437	SECTION 19 DEPOSIT,	FOREST HILL DIVIDE AREA	CR	DISSEMINATED	015N	011E	19	NE OF NW, 19
W024438	ESTHER & PHYLLIS		CR		015N	011E	19	
W024439	DAM CLAIM		AU		015N	011E	26	
W024440	HIDDEN TREASURE MINE		AU		015N	011E	35	
W024441	RED PIT OCCURRENCE,	FOREST HILL DIVIDE AREA	CR	WEATHERING RESIDUAL	015N	011E	28	SW, 28
W024442	LONG PIT, YELLOW PIT	FOREST HILL DIVIDE AREA	CR	DISSEMINATED	015N	011E	29	SE, 29
W024443	HIGH GRADE PIT, VICT	FOREST HILL DIVIDE AREA	CR	WEATHERING RESIDUAL	015N	011E	29	NE OF SE, 29
W024444	TWIN SHAFTS, VICTORY	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE	015N	011E	29	SW OF SE, 29
W024446	BOILER PIT		CR		015N	011E	29	
W024447	CHROME & CONCENTRATO		CR		015N	011E	30	
W024448	BESSIE B. CLAIM, VIC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	S2 OF SW OF SE, 30
W024449	BUZZARD AND BLUE JAY	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N 015N	011E 011E	30 30	NE OF SW, 30; NW OF SW, 30
W024450	DAISY BELL		CR		015N	011E	30	
W024451	RANDALL CLAIMS NOS.	FOREST HILL DIVIDE AREA	CR	DISSEMINATED	015N	011E	30	NW OF NE, 30
W024452	SUNNY RIDGE FRACTION	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE	015N	011E	30	SW OF SE, 30
W024453	WILD CANYON CLAIM	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	015N	011E	30	SE OF SW, 30
W024454	J L WILLIAMS SIENNA		FE		015N	011E	30	
W024455	FORTWINE		CR		015N	011E	31	
W024456	KIDGER PIT		CR	INSUFFICIENT DATA TO	015N	011E	31	SW OF SE, 31
W024457	SUNSET MINE		CR		015N	011E	31	
W024458	SWIFT SHORE MINE		AU		015N	011E	33	
W024459	BEAR RIVER CHROME M		AU		016N	011E	19	
W024460	SULLIVAN		MG		016N	011E	19	
W024461	LOST CAMP HYDRAULIC		AU		016N	011E	23	
W024465	BAKE OVEN PLACER		AU	PLACER	014N	012E	19	
W024466	CREEK		AU		015N	012E	01	

Placer County

Record Number	Site for Sale	District/Sort	Commod/Pres/Sort	Dep Type first	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec	Township/Range/Sec
W024480	HOME TICKET DRAFT M		AU		015N	012E	35	
W024471	GRIZZLY		AG AU		015N	012E	38	
W024472	HARD CLUMB PROSPECT		AU		014N	013E	04	
W024473	PINE NUT		AU		016N	013E	08	
W024474	RED STAR PROSPECT		AU		014N	013E	18	
W024475	DIKE QUEEN		AU		014N	013E	09	
W024476	PAY DAY NO 1 PROSPEC		AU		014N	013E	10	
W024477	RUSSIAN RAVINE MINE		AU		014N	013E	22	
W024478	COCCINS		AU		014N	013E	22	
W024479	MONUMENTAL		AU		015N	013E	04	
W024480	CARMACK		AU		015N	013E	05	
W024481	CANADA HILL		AU		015N	013E	08	
W024483	GOLD KING		AU		015N	013E	08	
W024486	PARK & BROWN		AU		015N	013E	21	
W024487	BALD MOUNTAIN		AU		015N	013E	21	
W024490	TRURO PLACER MINE		AU	PLACER	015N	010E	21	
W024491	PECKHAM HILL GOLD M		AU		013N	010E	07	
W024492	BOYMAN		AU		013N	010E	18	
W024494	LEHIGH CANYON PATENT	FOREST HILL DMDE AREA	CR	INSUFFICIENT DATA TO	014N 014N	011E 011E	30 30	SW, 30; NE, 30
X024397	BFLINN		AU	LODE	015N	010E	36	
X024417	DANIEL WEBSTER	MICHIGAN BLUFF	AU	LODE	014N	011E	15 22	
X024418	THREE QUEENS		AU PB	LODE	014N	011E	31	
X024421	DOFER	DUTCH FLAT	AU PB CU ZN	LODE	015N	011E	03	
X024422	CENTRAL MINE	DAMASCUS	AU	LODE	015N	011E	03	
X024424	RAWHIDE CONSOLIDATED	DUTCH FLAT	AU AG	LODE	015N	011E	04	
X024425	SOUTHERN CROSS	DAMASCUS	AU PB AS	LODE	015N	011E	03 04	
X024482	REDSTONE	BLUE CANON	AU	LODE	016N	011E	24	
X024483	SHADY RUN	DUTCH FLAT	AU AS	LODE	016N	011E	27 28	
X024467	HERMAN MINE	DEADWOOD	AU AG PB	LODE	015N	012E	20	
X024469	RIP VAN WINKLE	DEADWOOD	AU PB	LODE	015N	012E	29	
X024470	RUBIN MINE	LAST CHANCE	AU	LODE	015N	012E	33	
X024482	GOLD DIKE MINE	CANADA HILL	AU PB	LODE	015N	013E	05	
X024495	PRAIRIE FLOWER	CANADA HILL	AU	LODE	015N	013E	09	
X024488	LA TRINIDAD	CANADA HILL	AU SB AG AS	LODE	016N 015	012E 013	34 02	
X024489	WUBBEN	TAHOE	AU AG CU	LODE	016N	014E	32	
X024493	DRUMMOND MINE	IOWA HILL	AU	LODE	014N	010E	01	

Record Number	Site for Sort	District/Sort	CommodPresSort	Dep Type Inst	UTM Northing	UTM Easting
C012048	BIG BEN CONS.		AU	LOCE	4311900.0	651100.0
C012087	THREE STARS	OPHR	AU AG	LOCE	4309150.0	658780.0
C012092	LAMBERT & RHODES, KA	OPHR	AU	LOCE	4307400.0	658800.0
C012093	RECIPROCITY	GOLD HILL	AU AG	LOCE	4307400.0	658850.0
C012094	COLORADO AND TRIO	OPHR	AU	LOCE	4307680.0	660420.0
C012095	WHITE CLOUD CLAIM	OPHR	AU	LOCE	4307650.0	660400.0
C012096	COOPER CLAIM		AU	LOCE	4307650.0	661100.0
C012098	GOLD BLOSSOM	OPHR	AU AG PB ZN	LOCE	4307450.0	661480.0
C012099	PACIFIC	OPHR	AU	LOCE	4307700.0	660300.0
C012100	GRASS RAVINE AND WOR	OPHR	AU	LOCE	4307840.0	660370.0
C012103	EUREKA MINE		AU PB	LOCE	4305930.0	661700.0
C012107	OLD PACIFIC	OPHR	AU AG	LOCE	4303170.0	660730.0
C012112	ALABAMA		AU AG CU PB	LOCE	4300900.0	659950.0
C012116	MICANAWY		AU	LOCE	4301500.0	661300.0
C012117	ELIZABETH MINE	STEWARTS FLAT	AU PB	LOCE	4301480.0	660000.0
C012124	BOSTAL PROSPECT	DAIRY FARM	AU CU	LOCE	4315000.0	653380.0
C012125	CROSBY MINE		AU	LOCE	4311700.0	651400.0
C012126	CENTENNIAL	DUNCAN HILL	AU CU	LOCE	4306625.0	664680.0
C012133	GOLDEN RULE	ROCKLIN	AU	LOCE	4296500.0	663900.0
C012142	MARGUERITE	ROCK CREEK	AU CU PB	LOCE	4308500.0	667050.0
C012143	SALSIC	ROCK CREEK	AU PB	LOCE	4308750.0	667150.0
C012147	JULIAN	OPHR	AU	LOCE	4307150.0	663300.0
C012148	KITTLER CONSOLIDATED	OPHR	AU AG PB	LOCE	4307370.0	661380.0
C012149	PEACHY CONSOLIDATED	OPHR	AU	LOCE	4307530.0	662500.0
C012150	ST LAWRENCE	OPHR	AU PB SB AG	LOCE	4307150.0	662470.0
C012151	DOLORES AND BLACK SP	OPHR	AU	LOCE	4307720.0	662100.0
C012152	BLACK JACK CLAIM	OPHR	AU	LOCE	4307500.0	662330.0
C012154	SPANISH	OPHR	AU	LOCE	4307550.0	662650.0
C012155	FRANKLIN, QUINN, OUI	OPHR	AU	LOCE	4307650.0	662650.0
C012159	PINKEYE AND DEM JOHN	OPHR	AU	LOCE	4307800.0	663350.0
C012160	QUINN, GREEN-WALTER,	OPHR	AU CU	LOCE	4307800.0	662900.0
C012162	DOG CONSOLIDATED	OPHR	AU	LOCE	4307300.0	662700.0
C012164	GRANDELL MINE	OPHR	AU	LOCE	4307100.0	664700.0
C012166	GREEN MINE	OPHR	AU	LOCE	4307350.0	663750.0
C012167	LIZARD	OPHR	AU	LOCE	4308700.0	663800.0
C012168	GOLDEN RULE, LUCKY,	OPHR	AU	UNKNOWN	4307400.0	663500.0
C012169	BOOTH	OPHR - DUNCAN HILL	AU PB AG CU	LOCE	4307170.0	665290.0
C012170	MINA RICA	OPHR	AU AG	LOCE	4306800.0	664000.0
C012177	CALIFORNIA	OPHR	AU	LOCE	4305500.0	666050.0
C012178	BIG PINE MINE	OPHR	AU AG PB CU	LOCE	4305950.0	666100.0
C012181	LUNDQUIST	OPHR	AU	LOCE	4306150.0	665200.0
C012182	MALMBERG	OPHR	AU	LOCE	4305600.0	665350.0
C012184	E. EXT. SHURTLEFF, E.	OPHR	AU PB	LOCE	4306500.0	665380.0
C012185	CONRAD	OPHR	AU PB	LOCE	4306600.0	664500.0
C012188	PINE TREE		AU AG	LOCE	4305500.0	665000.0
C012187	BUTCHER BOY CLAIM	OPHR	AU	LOCE	4306700.0	664380.0
C012189	ECLIPSE CONSOLIDATED	OPHR	AU AG PB ZN	LOCE	4306500.0	665930.0
C012190	ROCKY RIDGE	OPHR	AU	LOCE	4306350.0	663800.0
C012191	GOLDEN STAG		AU AG MO	LOCE	4306350.0	664300.0
C012192	MOORE MINE	OPHR	AU AG ZN CU	LOCE	4306350.0	664970.0
C012193	HCFE	OPHR	AU	LOCE	4306350.0	664700.0
C012194	NEW ERA AND BRUSH FE	OPHR	AU	LOCE	4306350.0	663750.0
C012195	HILL CLAIM	OPHR	AU	LOCE	4305700.0	663800.0

Record Number	Site for Bond	District/for/Sort	CommodPresSort	Dep Type first	UTM Northing	UTM Easting
M012025	BUCKEYE		W			
M012028	ENWOOD SAND AND ROCK		BDG	SEDIMENTARY		
M012029	DREDGE TAILINGS.		AU			
M012030	REPORTED OCCURRENCE		ZF			
M012031	CLAY CORP. OF CALIF.	LINCOLN	CLY	SEDIMENTARY		
M012032	GLADDING MCREAN & CO	LINCOLN	CLY	SEDIMENTARY		
M012033	REPORTED OCCURRENCE		BIL			
M012034	E. M. KAUFELD		AU			
M012036	DREDGED AREA		AU			
M012037	QUARRIES ACTIVE 1899	LINCOLN	GRT	IGNEOUS		
M012038	NEW BACCARAT	LINCOLN	AU			
M012040	GLADDING RANCH		AU			
M012041	VIRGINIA PLACER CO.		AU	PLACER		
M012042	VALLEY VIEW		CU AG AU PB	VEN	4315500.0	651000.0
M012044	REPORTED OCCURRENCE		AU			
M012045	C.N.CHTTENDEN LEASE		AU			
M012046	DREDGED AREA		AU	PLACER		
M012047	DAKWOOD PLACER MINN		AU	PLACER		
M012051	DAIRY FARM (TRENT, V		CU AU AG	REPLACEMENT	4321400.0	648160.0
M012050	DRO BELL DREDGING CO		AU	PLACER		
M012054	ROSEVILLE GOLD DREDG		AU	PLACER		
M012055	PARMENTER PROPERTY (		AU			
M012056	E.B. SKEELS AND PANT	ALLENS	AU			
M012057	DREOGE TAILINGS.		AU	PLACER		
M012059	REPORTED OCCURRENCE		QTZ			
M012060	LOOMIS QUARRY		STN GRT	IGNEOUS		
M012081	UNION GRANITE CO.		STN2			
M012062	GOLD HILL DREDGING C		AU	PLACER		
M012063	LAIRD GRAVEL MINE.		AU	PLACER		
M012064	ROCKLIN		GRT	IGNEOUS		
M012065	UNIDENTIFIED QUARRIE		STN GRT	IGNEOUS		
M012067	OSCAR KESTI QUARRY	ROCKLIN	GRT	IGNEOUS		
M012068	ROCKLIN QUARRIES		STN GRT	IGNEOUS		
M012069	DELANO GRANITE CO.	ROCKLIN	GRT	IGNEOUS		
M012070	LEE MINE (MURDOCH)	ROCKLIN (LOOMIS)	AU			
M012072	BARTON DRIFT MINE	ROCKLIN	AU			
M012073	GRANITE QUARRIES	ROCKLIN	GRT	IGNEOUS		
M012074	PACIFIC GRANITE CO.	ROCKLIN	GRT	IGNEOUS		
M012075	KESTI QUARRY	ROCKLIN	GRT	IGNEOUS		
M012076	HENDRICKSON QUARRY	ROCKLIN	GRT	IGNEOUS		
M012077	ESCOLA, KAVOLA AND	ROCKLIN	GRT	IGNEOUS		
M012078	PISILA AND AHO QUARR	ROCKLIN	GRT	IGNEOUS		
M012079	WICKMAN QUARRY	ROCKLIN	GRT	IGNEOUS		
M012080	UNION GRANITE CO.	ROCKLIN	GRT	IGNEOUS		
M012081	HEDRICK QUARRY	ROCKLIN	GRT	IGNEOUS		
M012082	REPORTED OCCURRENCE		BIL			
M012090	GARDILLA GOLD DREDGE	GOLD HILL	AU	PLACER		
M012091	REPORTED OCCURRENCE		AU			
M012097	AUBURN PACIFIC		CU AU AG PB		4307800.0	660320.0
M012104	RED RAVINE PLACER CL	OPHR	AU	PLACER		
M012106	DRIFT MINE		AU			
M012108	SISLEY (SICILY) MINE		CU AG AU PB		4303040.0	659860.0
M012109	REPORTED OCCURRENCE		AU			

Record Number	Site for Ser	District/for/Sort	Commod/Pres/Ser	Dep Type (est)	UTM Northing	UTM Easting
C012188	GOODHOPE	OPHR	AU	LODE	4306250.0	663470.0
C012187	GOLD LEAF CLAIM	OPHR	AU	LODE	4306800.0	664650.0
C012188	ENTERPRISE	OPHR	AU	LODE	4306800.0	663420.0
C012188	R. H. LEE CLAIM	OPHR	AU	LODE	4306300.0	664600.0
C012200	HATHAWAY	OPHR	AU AG ZN CU	LODE	4307570.0	662500.0
C012201	BLUE EAGLE MINE		AU AG PB CU	LODE	4306700.0	663300.0
C012202	88 QUARTZ	OPHR	AU	LODE	4305580.0	662250.0
C012203	BOULDER	OPHR	AU	LODE	4306800.0	663350.0
C012205	RAZZLE DAZZLE	OPHR	AU	LODE	4304850.0	663760.0
C012206	ADAMS	OPHR	AU PB	LODE	4305750.0	663770.0
C012207	MOLLIE	OPHR	AU AG PB	LODE	4304930.0	665700.0
C012208	BUTTS MINE	OPHR	AU PB	LODE	4305230.0	665900.0
C012210	LITTLE BANNER MINE	OPHR	AU	LODE	4304300.0	668070.0
C012225	GREEN EMIGRANT		AU	LODE	4312900.0	663850.0
C012229	TWO ORPHANS		AU CU PB AG	LODE	4313120.0	662090.0
C012230	CALF PASTURE MINE	ROCK CREEK	AU	LODE	4311800.0	666600.0
C012231	ROCK CREEK VEIN		AU AG	LODE	4311700.0	667400.0
C012238	UNNAMED		AU	LODE	4318800.0	680400.0
C012243	OLD VORE MINE	NEW ENGLAND MILLS	AU	LODE	4319100.0	676800.0
C012248	MONARCH DEV. CO., LT		AU	LODE	4317800.0	677750.0
C012251	INTERNATIONAL	FOREST HILL	AU	LODE	4317290.0	680900.0
C012253	BURNER PROSPECT	FORREST HILL	AU	LODE	4316800.0	677900.0
C012254	MONARCH		AU	LODE	4315850.0	677400.0
C012256	NORTH STAR	DAMASCUS	AU	LODE	4314450.0	678400.0
C012259	DEWEY PROSPECT	BUTCHER RANCH	AU	LODE	4314100.0	677250.0
C012280	BAZACCO	BUTCHER RANCH	AU	LODE	4313900.0	677750.0
C012284	CHRISTMAS HILL	BUTCHER RANCH	AU	LODE	4312700.0	677900.0
C012288	CONTINENTAL		AU	LODE	4312150.0	678450.0
C012284	UNNAMED		AU AG AS	LODE	4325500.0	673400.0
C012280	LIVE OAK RAVINE	NEW ENGLAND MILLS	AU	LODE	4323950.0	677500.0
C012291	ANNIE LAURIE	NEW ENGLAND MILLS	AU	LODE & PLACER	4323350.0	679700.0
C012292	SUENA VISTA	NEW ENGLAND MILLS	AU	LODE	4324700.0	680200.0
C012293	RED BIRD CONSOLIDATE	NEW ENGLAND MILLS	AU	LODE	4324300.0	679500.0
C012294	BAVER		AU	LODE	4323350.0	679970.0
C012296	BIG JOHN	NEW ENGLAND MILLS	AU	LODE	4323150.0	680350.0
C012297	HINCHY		AU	LODE	4322650.0	679700.0
C012298	FLEBY	NEW ENGLAND MILLS	AU	LODE	4322750.0	679250.0
C012299	TIGAR MINE	NEW ENGLAND MILLS	AU	LODE	4322350.0	679100.0
C012300	SPECIMEN GULCH PROSP		AU	LODE	4322500.0	679200.0
C012301	BRUSHY CREEK		AU	LODE	4321700.0	678300.0
C012302	BLACK OAK	NEW ENGLAND MILLS	AU	LODE	4320450.0	678100.0
C012303	BELLE UNION	NEW ENGLAND MILLS	AU	LODE	4320550.0	678300.0
C012307	VICTORY	IOWA HILL	AU AG CU PB	LODE	4334900.0	680600.0
C012315	EVENING STAR		AU	LODE	4332200.0	676350.0
C012316	BIG OAK TREE QUARTZ	COLFAX	AU	LODE	4329900.0	674700.0
C012317	LITTLE GINGER		AU	LODE	4330100.0	675050.0
C012318	RIISING SUN	COLFAX	AU CU	LODE	4330400.0	675750.0
C012714	CHICAGO		AU ZN PB CU	LODE	4301750.0	659850.0
D000380	ELDER MINE		MO CU			
D000897	FLIBCON RIVER		W	TACTITE		
M012022			OR			
M012023	WOLD		AU			
M012024			AU			

Record Number	Site for Sort	District for Sort	CommodPresSort	Dip Type first	UTM Northing	UTM Easting
M021817	BULLSON		AU	LCDE	4307800.0	683700.0
M021818	BUNKER AND HILL	MICHIGAN BLUFF	AU	LCDE	4321250.0	683250.0
M021824	CARTER, WALLACE AND		AU	LCDE	4322000.0	714200.0
M021827	CHAMPION	MICHIGAN BLUFF	AU	LCDE	4325200.0	687100.0
M021828	CHICAGO	TAHOE	AU CU AG	LCDE	4343500.0	721900.0
M021836	CRATER HILL	OPHR	AU PB	LCDE	4307820.0	681700.0
M021838	CUCKOO		AU	LCDE	4328050.0	703750.0
M021839	DAHLONGA	BLUE CANON	AU	LCDE	4348350.0	688800.0
M021843	DEBB MINE	DUTCH FLAT	AU PB	LCDE	4337800.0	685250.0
M021845	DEWEY AND STOCKER	FOREST HILL	AU	LCDE	4322850.0	682400.0
M021847	DOHERTY		AU	LCDE	4321200.0	681300.0
M021848	DOHERTY PROSPECT		AU	LCDE	4322750.0	682300.0
M021852	DRY HILL AND BLUE JA	FOREST HILL	AU	LCDE	4318800.0	682200.0
M021853	EAGLE		AU	LCDE	4338500.0	687470.0
M021880	EUREKA CONS.		AU	LCDE	4328200.0	681300.0
M021881	EVA LCDE		AU	LCDE	4318900.0	680550.0
M021883	FALL RAVINE	LAST CHANCE	AU PB	LCDE	4335250.0	717350.0
M021884	FERRER DOGRSOS		AU	LCDE	4321300.0	682050.0
M021885	FLAT RAVINE	CANADA HILL	AU	LCDE	4333250.0	715550.0
M021887	GARBE AND DE MARIA M	MICHIGAN BLUFF	AU MN	LCDE	4318200.0	681850.0
M021888	GEN MINE	DUTCH FLAT	AU	LCDE	4337900.0	687600.0
M021874	GOLDEN REWARD	CANADA HILL	AU	LCDE	4338100.0	711700.0
M021875	GOLDEN SHEAF MINE	MICHIGAN BLUFF	AU	LCDE	4322450.0	686350.0
M021877	GOLDEN WEST	BLUE CANON	AU	LCDE	4341550.0	687100.0
M021878	GOLD KING MINE	CANADA HILL	AU PB AS	LCDE	4337400.0	712300.0
M021882	GREAT EASTERN		AU	LCDE	4345300.0	702550.0
M021883	GREAT WESTERN	CANADA HILL	AU	LCDE	4331450.0	708600.0
M021888	HERMIT	LAST CHANCE	AU	LCDE	4333500.0	710600.0
M021891	HOME STAKE		AU	LCDE	4318500.0	700750.0
M021894	JULIA MINE	DAMASCUS	AU	LCDE	4338050.0	688500.0
M021898	KINGS HILL QUARTZ		AU	LCDE	4326550.0	683350.0
M021887	KINGS HILL QUARTZ PR		AU	LCDE	4327150.0	684200.0
M021889	LAFOLLETTE	CANADA HILL	AU AS PB ZN	LCDE	4337720.0	711050.0
M021893	LIBERTY		AU	LCDE	4332350.0	720500.0
M021908	LOST EMIGRANT	TAHOE	AU	LCDE	4342350.0	722100.0
M021913	MAR'S CONS.	DAMASCUS	AU AG	LCDE	4342500.0	711200.0
M021914	MCBRIDE		AU	LCDE	4340450.0	711850.0
M021918	MERZ MINE		AU	LCDE	4337700.0	712350.0
M021922	MORNING STAR AND HOC		AU	LCDE	4306300.0	663900.0
M021925	NORTH STAR MINE	DAMASCUS	AU	LCDE	4342400.0	688250.0
M021928	NUMBER TWO MINE	DUTCH FLAT	AU	LCDE	4338850.0	686500.0
M021930	OWL CREEK		AU	LCDE	4320250.0	682100.0
M021932	PACIFIC SLAB	LAST CHANCE	AU	LCDE	4330650.0	703900.0
M021933	PATRICK CONS.	CANADA HILL	AU	LCDE	4336800.0	705800.0
M021937	PIONEER MINE	DAMASCUS	AU AG	LCDE	4337550.0	686400.0
M021939	PRESIDENT WILSON		AU	LCDE	4333650.0	702800.0
M021940	PROVIDENCE	IOWA HILL	AU	LCDE	4331520.0	689700.0
M021941	QUEEN BARE	CANADA HILL	AU	LCDE	4338750.0	713800.0
M021943	RAINBOW		AU	LCDE	4330700.0	700000.0
M021952	ROACH HILL QUARTZ		AU	LCDE	4331700.0	685350.0
M021955	ROOSEVELT	TAHOE	AU	LCDE	4340300.0	722600.0
M021958	SALUG MINE	ROCK CREEK	AU AG PB	LCDE	4308770.0	666900.0
M021960	SECRET TOWN	GOLD RUN	AU	LCDE	4338700.0	688800.0

Record Number	Site for Sort	District/Sort	Commod/PreSort	Dep Type /Int	UTM Northing	UTM Easting
M021061	SHARRON CONS., ETAL		AU	LODE	4339300.0	695400.0
M021064	SNOWBIRD MINE		AU	LODE	4332800.0	695450.0
M021066	SPANISH MINE		AU BA	LODE	4322010.0	700900.0
M021070	SUCKERS REVENGE		AU	LODE	4339500.0	697450.0
M021071	TAHOE TREASURE PROSP	TAHOE	AU CU AS	LODE	4327700.0	743200.0
M021072	TEXAS HILL AND TEXAS	BLUE CANYON	AU	LODE	4345250.0	703450.0
M021077	TYFON		AU	LODE	4340400.0	690650.0
M021078	UNNAMED		AU	LODE	4320600.0	690200.0
M021079	UNNAMED		AU	LODE	4322150.0	692750.0
M021080	UNNAMED		AU	LODE	4321100.0	690300.0
M021081	UNNAMED		AU	LODE	4326100.0	687300.0
M021084	UNNAMED		AU	LODE	4318500.0	690380.0
M021085	VAN AVERY MINE	BLUE CANYON	AU	LODE	4346900.0	696500.0
M021088	WASHINGTON MINE	FOREST HILL	AU	LODE	4322250.0	691700.0
M021089	WEST QUARTZ		AU	LODE	4320600.0	691350.0
M021090	WHISKEY TUNNEL		AU	LODE	4322550.0	690850.0
M021092	WHITE OAK		AU	LODE	4287350.0	696600.0
M021094	BONNE BELL		AU	LODE	4347700.0	720300.0
M024215	CLIPPER GAP	CLIPPER GAP	FE		4315000.0	672000.0
M024308	VOLCANOVILLE DEPOSIT		FE		4320500.0	693500.0
M030186	ELDER		MO CU	AUTOMETASOMATIC		
M045288	BLUE CANYON	EMIGRANT GAP DISTRICT	AU PT	STREAM PLACER	4347620	697500
M045287	MAMMOTH BAR	UPPER AMERICAN RIVER AREA	AU PT IR OS	STREAM PLACER	4308500	673100
M045289	LINCOLN		AU PT	STREAM PLACER	4307000	651000
M045289	PACIFIC GOLD DREDGIN	UPPER AMERICAN RIVER AREA	AU PT IR PO	STREAM PLACER	4312370	672690
M100321	ANDERSON HILL OCCURR	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333750	691800
M100322	BEAR RIVER CHROME M	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	4345870	691060
M100323	BEAT CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	4341050	691910
M100324	BELCHER OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331100	691850
M100325	SOUTHERN PACIFIC PRO	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4327250	694270
M100326	BETIE OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4329700	694050
M100327	LIGHTNING STREAK CL	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331300	691650
M100328	BLUE BELL AND BEE BE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331000	692350
M100328	BOBO OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331700	691850
M100330	BUCKHORN OCCURRENCE	GAS CANYON AREA	CR	INSUFFICIENT DATA TO	4316230	682180
M100331	CHROME DIVIDE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4319550	691200
M100332	CHROME LODE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331100	691420
M100333	CHROMITE OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331700	692450
M100334	CHROMITE, CLINTON BU	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4322450	694000
M100335	CHUCHO CLAIM	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331500	691820
M100336	COMEBACK OCCURRENCE	FOREST HILL DIVIDE	CR	INSUFFICIENT DATA TO	4333120	692830
M100337	CRITTENDEN'S CAPCO L	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333020	691950
M100338	CULTUS QUARTZ LODE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4322450	693590
M100339	GREENS CAPCO LEASES	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331170	694250
M100340	DIANA OCCURRENCE	GAS CANYON AREA	CR	INSUFFICIENT DATA TO	4315450	682200
M100341	DOODLE BUG CLAIM	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4327650	683850
M100342	DUFFEY LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4322250	691230
M100343	DUNN'S CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4332380	693970
M100344	DUSTY QUEEN OCCURREN	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4332150	694000
M100345	EASTSIDE CLAIM	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4332920	692650
M100346	EAST SIDE OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331200	692150
M100347	EAST VULCAN OCCURREN	FOREST HILL DIVIDE	CR	INSUFFICIENT DATA TO	4331900	692220
M100348	HAPPY FAMILY, HARRIE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333300	693150

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M100349	HOOGE RANCH OCCURREN	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	4344000	685300
M100350	DART AND BRADEN CAPC	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE; DI	4330300	692250
M100351	IOWA HILL CHROME MIN	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE	4332600	691340
M100352	IRON SPRING CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE	4340220	692620
M100353	JENNIE OCCURRENANCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4327650	684270
M100354	LAST CHANCE OCCURREN	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4328250	694620
M100355	LAZY B OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4330530	693850
M100356	LINCOLN OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4332300	691850
M100357	LITTLE V OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4329500	693450
M100358	LUCKY BOY OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4329470	693050
M100359	LUCKY HUNTER OCCURRE	FOREST HILL DIVIDE	CR	INSUFFICIENT DATA TO	4332900	693150
M100360	LUCKY STRIKE OCCURRE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4318500	690700
M100361	LUCKY STRIKE OCCURRE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4328650	694620
M100362	MARALLS' CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE; DI	4330700	692650
M100363	MARIGOLD OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4321450	691220
M100364	MARTEL'S CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333620	692380
M100365	MORGAN EXTENSION OCC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4337820	690450
M100366	MYSTERY OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333750	693950
M100367	PUGH'S CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4330100	693250
M100368	RUBBERBOOT OCCURRENC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4322310	692250
M100369	SCHOOLMORN OCCURREN	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4332310	692650
M100370	SECTION 24 OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333600	699850
M100371	SMITH AND MCCULLOW P	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4335770	691150
M100372	SMITH AND MCCULLOW'S	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4330070	692450
M100373	STORM WRATH OCCURREN	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331910	691420
M100374	SUGAR LUMP OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333700	693150
M100375	TOUIT VA BIEN OCCURRE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331900	691840
M100376	TROUBLE OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4329900	692650
M100377	TURNER AND GESENDOR	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4331900	692450
M100378	UVAROVITE CLAIM	DUTCH FLAT AREA	CR	INSUFFICIENT DATA TO	4344850	690100
M100379	WASHOUT CLAIM	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE	4322750	691700
M100380	VICTORY CHROME COMPA	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4332520	694400
M100381	VIVIAN OCCURRENCE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4329510	694050
M100382	VULCAN CONSOLIDATED	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4332300	691440
M100383	WEILER'S CAPCO LEASE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4329700	692430
M100384	UNNAMED PROSPECTS	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO	4333120	692600
M100385	UNNAMED PROSPECTS	FOREST HILL DIVIDE	CR	INSUFFICIENT DATA TO	4329250	693070
M100621	BOILER PIT MINE, SUG	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE, DI	4331240	693240
M100625	BUNKER MINE	FOREST HILL DIVIDE AREA	CR	DISSEMINATED; MASSIV	4323100	693020
M100626	DANSY BELL CLAIM	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE, DI	4330940	692200
M100627	ESTHER AND PHYLLIS M	FOREST HILL DIVIDE AREA	CR	DISSEMINATED; WEATHE	4332750	692340
M100628	NORTH FORK CHROME MI	FOREST HILL DIVIDE AREA	CR	DISSEMINATED	4336790	691200
M100629	PARKER RANCH CHROMIT	DRY CREEK AREA	CR	DISSEMINATED	4316000	664540
M100630	SUNSET MINE, SUGAR P	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE, DI	4330500	691980
W000013	CAPPS PIT	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W017615	DUTCH FLAT-GOLD RUN		AU			
W017616	RIISING SUN MINE		AU			
W017617	IOWA HILL		AU			
W017618	MICHIGAN BLUFF		AU			
W017619	FOREST HILL		AU			
W017620	OPHR		CU AU AG		4307020.0	663400.0
W024347	UNNAMED LOCATION		Zr			
W024348	E MIKAUFIELD		AU			

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W024349	DREDGE TAILINGS		AU	PLACER		
W024350	GLADDING RANCH		AU			
W024351	C N CHITTENDEN LEASE		AU			
W024352	ROSEVILLE GOLD DREDG		AU	PLACER		
W024353	EXCELSIOR CLAIM		AU			
W024354	ADAMS PIT		AU			
W024355	SMALL HOPE		AU			
W024356	YANKEE JIM DIGGINGS		AU			
W024357	GEORGIA HILL MINES		AU			
W024358	DARDANELLES		AU			
W024359	BIG SPRING		AU			
W024360	BALTIMORE		AU			
W024361	INDEPENDENT		AU			
W024362	MOSS LEDGE		AU			
W024363	RIO DEL ORO		AU			
W024364	BLACK ROCK CHROME DE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024365	MORGAN DEPOSITS		ASB			
W024366	STEWART GRAVEL MINES		AU	PLACER		
W024367	WEST CHROME MINE	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024368	CEDAR CREEK		AU			
W024369	DUTCH FLAT BLUE LEAD		AU			
W024370	NICHOLLS ESTATE COMP		AU			
W024371	INDIANA HILL		AU			
W024372	MAYFLOWER GRAVEL MNG		AU	PLACER		
W024373	GOLD HILL		MN	RHODONITE TYPE	4320775	683975
W024374	LIVE OAK		AU			
W024375	MAYFLOWER		AU			
W024376	SPANISH MINES CONSOL	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024377	GLEESON DIGGINGS		AU			
W024378	ELIZABETH HILL		AU			
W024379	OLD JUPITER		AU			
W024380	BUCKEYE		AU			
W024381	MC GEECHIN PLACER GO		AU	PLACER		
W024382	UNNAMED LOCATION		AU			
W024383	OCCIDENTAL		AU AG			
W024384	BIG DIPPER		AU			
W024385	CAMPBELL		AU			
W024386	GOULD MINE		AU			
W024387	COPPER BOTTOM		AU			
W024388	WATTS PROSPECT		AU			
W024389	DAYTON MINE		AU			
W024390	WHITE PINE		AU			
W024391	IOWA HILL		AU			
W024392	SUNRISE & SUNSET PLA			INSUFFICIENT DATA TO		
W024393	BOOTH RIVER		AU			
W024394	COLLINS		AU			
W024395	GARY MINE		ASB			
W024396	IOWA HILL & BYRDS FL		AU			
W024398	SOUTHERN CROSS		AU			
W024399	ALTA MINE		AU			
W024400	HORSESHOE BAR		AU	PLACER		
W024401	HORSESHOE BAR		AU	PLACER		
W024402	BEAR WALLOW PROSPECT	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		

Record Number	Site for Sort	District for Sort	Commod/Pres/Sort	Dep Type first	UTM Northing	UTM Easting
W024403	DEVILS BASIN CONS MI		AU			
W024404	HEWES AND JONES CLAI	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024405	SOUTHERN PACIFIC PRO	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024406	FRANKLIN		AU			
W024407	VOLCANO		AU			
W024408	PARAGON		AU			
W024409	MOUNTAIN VIEW GROUP,	FOREST HILL DIVIDE AREA	CR	WEATHERING RESIDUAL		
W024410	COAL PIT, BUNKER MIN	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE		
W024411	BUNKER MINES		CR			
W024412	BUNKER MINE		CR			
W024413	BAKER DIVIDE		AU			
W024414	SCHERMER PROSPECT	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024415	BIG GUN		AU			
W024416	BURNS		AU			
W024419	LITTLE CREEK CLAIMS	FOREST HILL DIVIDE AREA	CR	DISSEMINATED		
W024423	SOUTHERN CROSS		AU			
W024426	JULIAN CLAIMS	DUTCH FLAT AREA	CR	DISSEMINATED		
W024427	OAK PATCH CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE, D		
W024428	SCOTT CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE		
W024429	SNAKEHEAD CLAIM	DUTCH FLAT AREA	CR	MASSIVE CHROMITE		
W024430	LUCKY STRIKE CLAIM	DUTCH FLAT AREA	CR	INSUFFICIENT DATA TO		
W024431	DUNBAR LEASE	DUTCH FLAT AREA	CR	INSUFFICIENT DATA TO		
W024432	NORTH FORK CHROME		CR			
W024433	RED POINT		AU			
W024434	POTATO FLATIRON		AU			
W024435	JARVIS		AU			
W024438	BOB LEWIS		AU			
W024437	SECTION 19 DEPOSIT,	FOREST HILL DIVIDE AREA	CR	DISSEMINATED		
W024438	ESTHER & PHYLLIS		CR			
W024439	DAM CLAIM		AU			
W024440	HIDDEN TREASURE MINE		AU			
W024441	RED PIT OCCURRENCE,	FOREST HILL DIVIDE AREA	CR	WEATHERING RESIDUAL		
W024442	LONG PIT, YELLOW PIT	FOREST HILL DIVIDE AREA	CR	DISSEMINATED		
W024443	HIGH GRADE PIT, VICT	FOREST HILL DIVIDE AREA	CR	WEATHERING RESIDUAL		
W024444	TWIN SHAFTS, VICTORY	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE		
W024446	BOILER PIT		CR			
W024447	CHROME & CONCENTRATO		CR			
W024448	BESSIE B. CLAIM, VIC	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024449	BUZZARD AND BLUE JAY	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024450	DAISY BELL		CR			
W024451	RANDALL CLAIMS NOS.	FOREST HILL DIVIDE AREA	CR	DISSEMINATED		
W024452	SUNNY RIDGE FRACTION	FOREST HILL DIVIDE AREA	CR	MASSIVE CHROMITE		
W024453	WILD CANYON CLAIM	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
W024454	J. L. WILLIAMS SIENNA		FE			
W024455	PORT WINE		CR			
W024456	KIDDER PIT		CR	INSUFFICIENT DATA TO		
W024457	SUNSET MINE		CR			
W024458	SWIFT SHORE MINE		AU			
W024459	BEAR RIVER CHROME MI		AU			
W024460	SULLIVAN		MG			
W024461	LOST CAMP HYDRAULIC		AU			
W024465	BAKE OVEN PLACER		AU	PLACER		
W024466	CREEK		AU			

Record Number	Site for Sort	District/Sort	CommodPresSort	Dep Type first	UTM Northing	UTM Easting
W024468	HOME TICKET DRIFT M		AU			
W024471	GRIZZLY		AG AU			
W024472	HARD CLIMB PROSPECT		AU			
W024473	PINE NUT		AU			
W024474	RED STAR PROSPECT		AU			
W024475	DIXIE QUEEN		AU			
W024478	PAY DAY NO 1 PROSPEC		AU			
W024477	RUSSIAN RAVINE MINE		AU			
W024478	COGGINS		AU			
W024479	MONUMENTAL		AU			
W024480	CARMACK		AU			
W024481	CANADA HILL		AU			
W024483	GOLD KING		AU			
W024486	PARK & BROWN		AU			
W024487	BALD MOUNTAIN		AU			
W024490	TRURO PLACER MINE		AU	PLACER		
W024491	PECKHAM HILL GOLD M		AU			
W024492	BOWMAN		AU			
W024494	LEHIGH CANYON PATENT	FOREST HILL DIVIDE AREA	CR	INSUFFICIENT DATA TO		
X024397	BRUNN		AU	LCDE	4330700.0	688900.0
X024417	DANIEL WEBSTER	MORGAN BLUFF	AU	LCDE	4324850.0	686700.0
X024418	THREE QUEENS		AU PB	LCDE	4320150.0	681750.0
X024421	COOPER	DUTCH FLAT	AU PB CU ZN	LCDE	4339300.0	696850.0
X024422	CENTRAL MINE	DAMASCUS	AU	LCDE	4338450.0	698500.0
X024424	RAVINE CONSOLIDATED	DUTCH FLAT	AU AG	LCDE	4340800.0	695300.0
X024425	SOUTHERN CROSS	DAMASCUS	AU PB AS	LCDE	4338750.0	695900.0
X024482	REDSTONE	BLUE CANON	AU	LCDE	4345400.0	699100.0
X024483	SHADY RUN	DUTCH FLAT	AU AS	LCDE	4343050.0	695500.0
X024487	HERMAN MINE	DEADWOOD	AU AG PB	LCDE	4332550.0	702300.0
X024489	RIP VAN WINKLE	DEADWOOD	AU PB	LCDE	4331700.0	702850.0
X024470	RUBLIN MINE	LAST CHANCE	AU	LCDE	4330350.0	704300.0
X024482	GOLD DIKE MINE	CANADA HILL	AU PB	LCDE	4340750.0	712400.0
X024485	PRARIE FLOWER	CANADA HILL	AU	LCDE	4337750.0	713800.0
X024488	LA TRINIDAD	CANADA HILL	AU SB AG AS	LCDE	4341950.0	718350.0
X024489	WUBBENA	TAHOE	AU AG CU	LCDE	4342700.0	721550.0
X024493	DRUMMOND MINE	IOWA HILL	AU	LCDE	4328900.0	690300.0

Record Number	Site for Sort	District/Sort	Commod/Pres/Sort	Dep Type /Int	UTM Northing	UTM Easting
M012113	PENRYN GRANITE QUARR	ROCKLIN	STN GRT	IGNOUS		
M012115	ALLBRIGHT		AU			
M012119	KILAGA SPRINGS			INSUFFICIENT DATA TO		
M012120	ARGALL (ARGOL, ALGOL		CU		4310000.0	657500.0
M012121	ALGOL MINE (ARGALL?)		CU AU	VEIN	4317400.0	656000.0
M012122	UNNAMED PROSPECTS		CU		4316000.0	656000.0
M012126	TAILINGS INDICATING		AU	PLACER		
M012129	UNIDENTIFIED		AU			
M012130	UNIDENTIFIED WORKING		AU			
M012131	KELLY	ALBURN	AU			
M012132	SMYTH RANCH		AU			
M012134	DREDGED AREAS NEAR D		AU	PLACER		
M012135	GOLD RECOVERES CORP	OPHR	AU			
M012136	GOLD PLACERS, INC.	OPHR	AU	PLACER		
M012141	UNIDENTIFIED WORKING		AU			
M012144	SAUG MINE (PATENTED	ROCK CREEK	AU AG			
M012145	REPORTED MINE	OPHR	AU			
M012153	BLACK SPANISH NO. 2	OPHR	AU			
M012165	GLOBE CONSOLIDATED	OPHR	CU		4307900.0	664350.0
M012171	BUCK PROPERTY		AU			
M012173	DAVENPORT DEPOSIT		SIL			
M012174	MINE SYMBOL			INSUFFICIENT DATA TO		
M012175	DAVENPORT MINE		CU AU	VEIN	4308000.0	667800.0
M012178	GOLDEN ARCADIA		CU AU AG		4308000.0	665560.0
M012183	ORO RINO AND FLOYD C	OPHR	AU			
M012204	BELVOIR (BOWLDER) EX	OPHR	AU			
M012209	HASKELL (GAYLORD) #1	OPHR	AU			
M012213	OEST MINE		CU		4318700.0	665250.0
M012214	THOMEN MINE (THOMEAU		CU		4319000.0	664825.0
M012215	PETER OEST CLAIM		CU AU AG		4316900.0	664000.0
M012216	CASEY		CU		4317500.0	667300.0
M012217	VAN GEBEN		AU			
M012218	HOTALING		FE			
M012220	BLACK ARROW RANCH DE	DRY CREEK AREA	CR	MASSIVE CHROMITE		
M012221	PARKER RANCH (MEADOW	DRY CREEK AREA	CR			
M012228	LUCKY STRIKE		CU AU		4312600.0	662540.0
M012232	NEVADA MINING CO.		CU AU AG		4320700.0	664000.0
M012239	CALIF. CHIEF DEVELOP		AU			
M012241	UNIDENTIFIED WORKING		AU			
M012242	PEAR TREE AND NECESS		AU			
M012244	HEPBURN PROPERTY	COLFAX - NEW ENGLAND MILLS AREA	CR	WEATHERING RESIDUAL		
M012246	GLIDDENHENDREXDE		AU			
M012247	DERBY AND WILD CAT		AU			
M012249	DOODS RANCH PROSPECT	GAS CANYON AREA	CR	INSUFFICIENT DATA TO		
M012250	GREEN DEPOSIT, FARME	GAS CANYON AREA	CR	MASSIVE CHROMITE		
M012252	GAS CANYON CLAIM, F	GAS CANYON AREA	CR	DISSEMINATED		
M012255	UNIDENTIFIED MINE		AU			
M012257	TYLER MINE		AU			
M012261	AMERICAN RIVER GOLD		AU			
M012262	FIDDLETS GREEN, FA	GAS CANYON AREA	CR	DISSEMINATED		
M012263	DUFFY PROPERTY		AU			
M012285	RED HILL		AU			
M012289	UNIDENTIFIED SHAFT		AU			

Record Number	Site for Sort	District for Sort	CommodPresSort	Dep Type first	UTM Northing	UTM Easting
M012271	LAKEVIEW	BUTCHER RANCH	CU AU	VEIN	4311250.0	674000
M012273	DREDGED AREAS		AU	PLACER		
M012274	BUCKEYE BAR		AU	PLACER		
M012275	EL DORADO AND PLACER	BUTCHER RANCH	AU	PLACER		
M012276	POVERTY BAR		AU			
M012277	DEVON MINE		AU			
M012278	ROCKY BAR (ESTEY)	COLFAX	AU			
M012279	THENISS & ADAMS	COLFAX	AU			
M012280	UNIDENTIFIED WORKING		AU			
M012281	PROSPECT		ASB			
M012282	BLACK & STREAK CLAIM	COLFAX - NEW ENGLAND MILLS AREA	CR	INSUFFICIENT DATA TO		
M012285			AU			
M012288	BUGG PROSPECT	COLFAX - NEW ENGLAND MILLS AREA	CR	INSUFFICIENT DATA TO		
M012287	MAJOR PROSPECT	COLFAX - NEW ENGLAND MILLS AREA	CR	INSUFFICIENT DATA TO		
M012288	WEIMAR DEPOSIT		FE			
M012289	LLOYD PROSPECT		MN	RESIDUAL	4223350.	674425.
M012303	BELLE UNION	NEW ENGLAND MILLS (WEIMAR)	AU			
M012304	BEAR RIVER TUNNEL		AU			
M012306	BEAR RIVER		AU			
M012309	BEAR RIVER EXT. (PAT	COLFAX	AU			
M012312	WALL PROPERTY (PATEN		TLG			
M012313	ERE		AU			
M012319	GOLD MINE		AU			
M012320	CAPE HORN OCCURRENCE		MN		4331000.	678600.
M012321	OCCURRENCE		ASB			
M012322	PROSPECTS (2)		AU			
M012323	DUFFY PROPERTY		AU			
M012328	MOUNTAIN TUNNEL		AU			
M020074	EMMA DEPOSIT		MN		4322700.	685475
M020075	PETTINGREW - STAFFORD		MN	RHODONITE TYPE	4322675.	684300.
M020078	RANDEL CLAIM NO. 1		MN	RHODONITE TYPE	4323425.	683700.
M020077	YANKEE JIM DEPOSIT		MN			
M020423	MICHIGAN BLUFF		M	LATERITIC SOIL	4322850.	682850.
M020424	SUGAR PINE		M	LATERITIC SOIL	4322300.	693650.
M020623	VAN GIESEN		CU		4318000.0	687000.0
M021781	AUBURN		AU	LODE	4336050.0	703350.0
M021782	ALAMEDA	NEW ENGLAND MILLS	AU PB	LODE	4322200.0	680350.0
M021783	AMERICAN BAR	MICHIGAN BLUFF	AU PB	LODE	4320380.0	694400.0
M021788	AUSTRALIAN MINE	IOWA HILL	AU	LODE	4331750.0	690400.0
M021789	BEAUTY MINE	CANADA HILL	AU PB	LODE	4337900.0	713750.0
M021791	BELVOIR MINE	OPHR	AU	LODE	4306700.0	662920.0
M021793	BIG BLUE	DUTCH FLAT	AU PB	LODE	4340890.0	686400.0
M021797	BIG TREE		AU	LODE	4338950.0	703300.0
M021798	BISBEE		AU	LODE	4314600.0	681700.0
M021799	BLACK CANYON	CANADA HILL	AU	LODE	4337700.0	706100.0
M021800	BLACK HAWK		AU	LODE	4339010.0	696100.0
M021803	BLACK SPANISH NO. 2	OPHR	AU	LODE	4308200.0	661870.0
M021804	BLUE BELL	DUTCH FLAT	AU	LODE	4337750.0	696700.0
M021808	BLUE JAY		AU	LODE	4321650.0	701600.0
M021809	BONANZA MINE	DAMASCUS	AU	LODE	4336700.0	698100.0
M021809	BLUE WING	IOWA HILL	AU	LODE	4332650.0	685850.0
M021810	BONNE BEE	BLUE CANON	AU	LODE	4348700.0	695600.0
M021813	BREE		AU	LODE	4338250.0	697500.0

APPENDIX

PROJECT CORRESPONDENCE

Michella Rossi

From: Michella Rossi
Sent: Thursday, December 04, 2014 2:28 PM
To: Native American Heritage Commission (nahc@pacbell.net)
Subject: Moore Project (Placer County)

To Whom It May Concern,

Please see the request below and respond at your earliest convenience.

Thank You!

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION

915 Capitol Mall, RM 364
Sacramento, CA 95814
(916) 653-4082
(916) 657-5390 – Fax
nahc@pacbell.net

Project: Moore Project

Project Description: Development Project

County: Placer

USGS Quadrangle

Name:, Lincoln Calif. Quadrangle AND Roseville, Calif. Quadrangle (same township, range and sections)

Township 12N Range 6E Section(s) Section 19

Company/Firm/Agency: Cardno ENTRIX

Contact Person: Michella Rossi

Street Address: 701 University Ave. Suite 200

City: Sacramento, CA

Zip: 95825

Phone: 916-386-3864

Email: Michella.Rossi@cardno.com

Michella Rossi
STAFF SCIENTIST
CARDNO ENTRIX



Phone (+1) 916-923-1097 Fax (+1) 916-923-6251 Direct (+1) 916-386-3864
Address 701 University Avenue Suite 200, Sacramento, CA 95825 USA
Email michella.rossi@cardno.com Web www.cardno.com - www.cardnoentrix.com

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STATE OF CALIFORNIAEdmund G. Brown Jr., Governor**NATIVE AMERICAN HERITAGE COMMISSION**

1850 Harbor Blvd., ROOM 100
West SACRAMENTO, CA 95801
(916) 373-3710
Fax (916) 373-5471



December 11, 2014

Michella Rossi
CARDNO Entrix
701 University Avenue, Suite 200
Sacramento, CA 95825

Sent by Fax: (916) 923-6251
Number of Pages: 3

Re: Moore Project, Placer County.

Dear Ms. Rossi,

A record search of the sacred land 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. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. 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 of 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) 373-3712.

Sincerely,

A handwritten signature in cursive script that reads "Katy Sanchez".

Katy Sanchez
Associate Government Program Analyst

**Native American Contacts
Placer County
December 10, 2014**

Shingle Springs Band of Miwok Indians
Hermo Olanio, Vice Chairperson
 P.O. Box 1340 Miwok
 Shingle Springs, CA 95682 Maidu
 holanio@ssband.org
 (530) 676-8010 Office
 (530) 676-8033 Fax

Rose Enos
 15310 Bancroft Road Maidu
 Auburn, CA 95603 Washoe
 (530) 878-2378

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
 10720 Indian Hill Road Maidu
 Auburn, CA 95603 Miwok
 (530) 883-2390 Office
 (530) 883-2380 Fax

T' si-Akim Maidu
Eileen Moon, Vice Chairperson
 P.O. Box 1246 Maidu
 Grass Valley, CA 95945
 (530) 274-7497

Shingle Springs Band of Miwok Indians
Nicholas Fonseca, Chairperson
 P.O. Box 1340 Miwok
 Shingle Springs, CA 95682 Maidu
 nfonseca@ssband.org
 (530) 676-8010 Office
 (530) 676-8033 Fax

T' si-Akim Maidu
Grayson Coney, Cultural Director
 P.O. Box 1316 Maidu
 Colfax, CA 95713
 akimmaidu@att.net
 (530) 383-7234

United Auburn Indian Community of the Auburn Rancheria
Marcos Guerrero, Tribal Preservation Committee
 10720 Indian Hill Road Maidu
 Auburn, CA 95603 Miwok
 mguerrero@auburnrancheria.com
 (530) 883-2364 Office
 (530) 883-2320 Fax

April Wallace Moore
 19630 Placer Hills Road Nisenan - So Maidu
 Colfax, CA 95713 Konkow
 (530) 637-4279 Washoe

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 6097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting locative Americans with regard to cultural resources for the proposed Project: Moore Project, Placer County.

**Native American Contacts
Placer County
December 10, 2014**

Shingle Springs Band of Miwok Indians
Daniel Fonseca, Cultural Resource Director
P.O. Box 1340 Miwok
Shingle , CA 95682 Maidu
(530) 676-8010 Office
(530) 676-8033 Fax

T' si-Akim Maidu
Don Ryberg, Chairperson
P.O. Box 1246 Maidu
Grass Valley , CA 95945
(530) 274-7497

Colfax-Todds Valley Consolidated Tribe
Judith Marks
1068 Silverton Circle Miwok
Lincoln , Ca 95648 Maidu
(916) 580-4078

Colfax-Todds Valley Consolidated Tribe
Pamela Cubbler
P.O. Box 734 Miwok
Foresthil , Ca 95631 Maidu
(530) 320-3943
(530) 367-2093 home

United Auburn Indian Community of the Auburn Rancheria
Jason Camp, THPO
10720 Indian Hill Road Maidu
Auburn , CA 95603 Miwok
jcamp@auburnrancheria.com
(916) 316-3772 Cell
(530) 883-2390
(530) 888-5476 - Fax

This list is current only as of the date of this document.

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This list is only applicable for contacting locative Americans with regard to cultural resources for the proposed Project: Moore Project, Placer County.



January 13, 2015

Cardno, Inc

Shingle Springs Band of Miwok Indians
Hermo Olanio, Vice Chairperson
P.O. Box 1340
Shingle Springs, CA 95682

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Hermo Olanio:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR



January 13, 2015

Shingle Springs Band of Miwok Indians
Daniel Fonseca, Cultural Resource Director
P.O. Box 1340
Shingle Springs, CA 95682

RE: Moore Road Property Project, Placer County, California

Dear Daniel Fonseca:

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com

Writer: MR

Cardno, Inc.

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www.cardno.com



January 13, 2015

Shingle Springs Band of Miwok Indians
Nicholas Fonseca, Chairperson
P.O. Box 1340
Shingle Springs, CA 95682

Cardno, Inc.

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Nicholas Fonseca:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR



January 13, 2015

United Auburn Indian Community of the Auburn Rancheria
Jason Camp, THPO
10720 Indian Hill Road
Auburn, CA 95603

Cardno, Inc.

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Jason Camp:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com

Writer: MR



January 13, 2015

Cardno, Inc.

United Auburn Indian Community of the Auburn Rancheria
Marcos Guerrero, Tribal Preservation Committee
10720 Indian Hill Road
Auburn, CA 95603

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Marcos Guerrero:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com

Writer: MR



January 13, 2015

United Auburn Indian Community of the Auburn Rancheria
Gene Whitehouse, Chairperson
10720 Indian Hill Road
Auburn, CA 95603

Cardno, Inc.

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Gene Whitehouse:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

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Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com

Writer: MR



January 13, 2015

Colfax-Todds Valley Consolidated Tribe
Judith Marks
1068 Silverton Circle
Lincoln, CA 95648

Cardno, Inc.

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Judith Marks:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR



January 13, 2015

Cardno, Inc.

Colfax-Todds Valley Consolidated Tribe
Pamela Cubbler
P.O. Box 734
Foresthill, CA 95631

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Pamela Cubbler:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR



January 13, 2015

T'si-Akim Maidu
Grayson Coney, Cultural Director
P.O. Box 1316
Colfax, CA 95713

Cardno, Inc.

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Grayson Coney:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com

Writer: MR



January 13, 2015

T'si-Akim Maidu
Eileen Moon, Vice Chairperson
P.O. Box 1246
Grass Valley, CA 95945

Cardno, Inc.

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Eileen Moon:

www.cardno.com

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

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Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916)386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR



January 13, 2015

T'si-Akim Maidu
Don Ryberg, Chairperson
P.O. Box 1246
Grass Valley, CA 95945

Cardno, Inc.

701 University Avenue
Suite 200
Sacramento, CA 95825
USA

Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6251
www.cardno.com

www.cardno.com

RE: Moore Road Property Project, Placer County, California

Dear Don Ryberg:

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

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Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916) 386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR



January 13, 2015

April Wallace Moore
19630 Placer Hills Road
Colfax, CA 95713

RE: Moore Road Property Project, Placer County, California

Dear April Wallace Moore:

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916) 386-3826 if you have any questions.

Sincerely,

Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR

Cardno, Inc.

701 University Avenue
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Sacramento, CA 95825
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Phone 916 923 1097
Toll-free 800 368 7511
Fax 916 923 6261
www.cardno.com

www.cardno.com



January 13, 2015

Rose Enos
15310 Bancroft Road
Auburn, CA 95603

RE: Moore Road Property Project, Placer County, California

Dear Rose Enos:

I am writing in regard to a cultural resources investigation that I am conducting on behalf of Praxis Properties. Praxis Properties is proposing the development of land near Moore Road in Lincoln, Placer County, California (please see attached map for reference).

As part of our scoping process we requested a sacred lands search and list of individuals who may have knowledge of the cultural resources within the project area from the Native American Heritage Commission (NAHC). The sacred lands search did not indicate the presence of any areas of concern. Your name appears on the NAHC list of individuals who may know more about the cultural resources of the project area. Any information you have in this regard would greatly help our effort to identify all properties of concern for this project.

If you have information about cultural resources within the project area or any questions please write to:

Joshua Peabody
Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

Or email me at Joshua.peabody@cardno.com. You may also call me at (916) 386-3826 if you have any questions.

Sincerely,

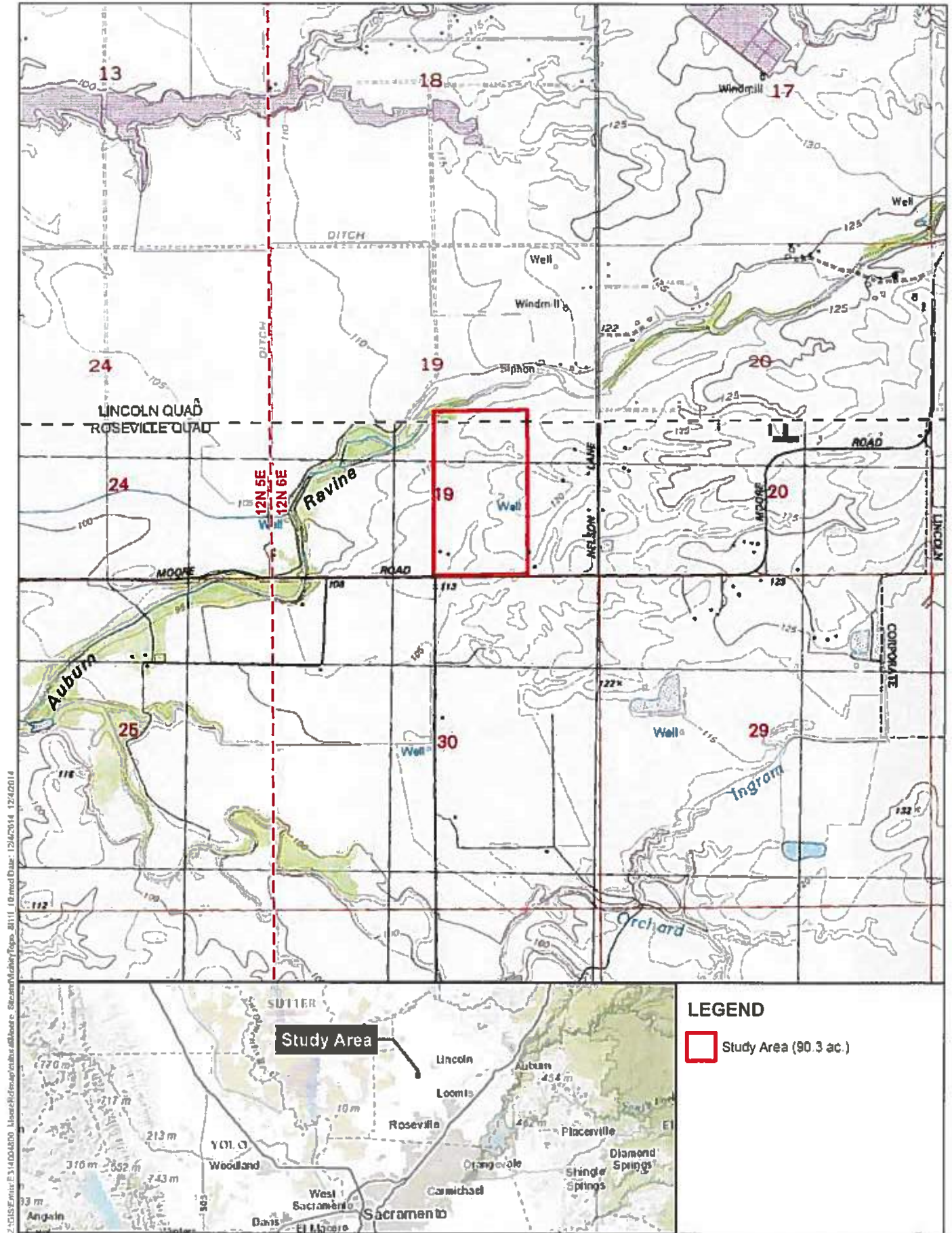
Joshua Peabody
Senior Consultant/Cultural Resources Specialist
for Cardno, Inc.
Direct Line 916 386 3826
Email: joshua.peabody@cardno.com
Writer: MR

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(916)923-1097 | Fax (916)923-6251
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CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Hermo Olanio, Vice Chairperson</u>	Time:	<u>12:35</u>
Company:	<u>Shingle Springs Band of Miwok Indians</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-676-8010</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for Hermo Olanio asking if he received the letter and if he had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:

On January 26th a letter response was received from the Shingle Springs Rancheria



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701 University Ave., Suite 200
Sacramento, CA 95825
(916) 923-1097 | Fax (916) 923-6251
www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Nicholas Fonseca, Chairperson</u>	Time:	<u>12:35</u>
Company:	<u>Shingle Springs Band of Miwok Indians</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-676-8010</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for Nicholas Fonseca asking if he received the letter and if he had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:

On January 26th a letter response was received from the Shingle Springs Rancheria



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Sacramento, CA 95825
(916)923-1097 | Fax (916) 923-6251
www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Daniel Fonseca, Cultural Resource Director</u>	Time:	<u>12:35</u>
Company:	<u>Shingle Springs Band of Miwok Indians</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-676-8010</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for Daniel Fonseca asking if he received the letter and if he had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:

On January 26th a letter response was received from the Shingle Springs Rancheria



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CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Jason Camp, THPO</u>	Time:	<u>13:42</u>
Company:	<u>United Auburn Indian Community of the Auburn Rancheria</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>916-316-3722 (cell), 530- 883-2390 (other)</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the cell phone number listed above for Jason Camp, the voicemail box is not set up so I could not leave a message. I called the other phone number listed and they said he was in a meeting so I sent an email to Jason with regards to the Project and ccd. Marcos Guerrero.

Follow-up:



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Sacramento, CA 95825
(916)923-1097 | Fax (916) 923-6251
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CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Marcos Guerrero, Tribal Preservation Committee</u>	Time:	<u>14:06</u>
Company:	<u>United Auburn Indian Community of the Auburn Rancheria</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-883-2364</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

I sent an email to Jason Camp with regards to the Project and ccd. Marcos Guerrero (see email correspondence)

Follow-up:

Michella Rossi

From: Michella Rossi
Sent: Friday, January 23, 2015 2:06 PM
To: jcamp@auburnrancheria.com
Cc: 'mguerrero@auburnrancheria.com'
Subject: Cardno, Inc. (ENTRIX) 9 development Projects

Jason,

I tried calling your cell phone number but the voicemail box was not set up yet. I figured an email may be more efficient. I am contacting the UAIC in regard to contact letters that were mailed to the UAIC for 9 different development projects (all with different landowners). I was contacting you to see if you had any comments, questions or concerns pertaining to any of the Projects (list and location below) or if you needed the letters and maps re-sent to you via email?

1. Liberty Ranch/ Galt 358/ Eastview Specific Project (located in Galt, CA)
2. Andrews Property Project (located in Granite Bay, CA)
3. Gill Property Project (Located west of Lincoln, CA off of Nicolaus Road)
4. Hidden Hills Project (located south of Oak Tree Lane in Lincoln, CA)
5. Leavell Property Project (located south of highway 193 in Lincoln, CA)
6. Moore Property Project (located west of Lincoln, CA on Moore Road)
7. Oak Tree Lane Phase 1/ Highway 193 Widening (located on highway 193 and Oak Tree Lane in Lincoln, CA)
8. Oak Tree Lane Phase 2 (located on Oak Tree Lane in Lincoln, CA)
9. Peery Property Project (located west of Lincoln, CA near Highway 65)

Thank You!

Michella Rossi

STAFF SCIENTIST | CULTURAL RESOURCES SPECIALIST

NATURAL RESOURCES & HEALTH SCIENCES DIVISION
CARDNO



Direct (+1) 916-386-3864

Address 701 University Avenue Suite 200, Sacramento, CA 95825

Email michella.rossi@cardno.com Web www.cardno.com

CONNECT WITH CARDNO    

This email and its attachments may contain confidential and/or privileged information for the sole use of the intended recipient(s). All electronically supplied data must be checked against an applicable hardcopy version which shall be the only document which Cardno warrants accuracy. If you are not the intended recipient any use, distribution or copying of the information contained in this email and its attachments is strictly prohibited. If you have received this email in error, please email the sender by replying to this message and immediately delete and destroy any copies of this email and any attachments. The views or opinions expressed are the author's own and may not reflect the views or opinions of Cardno.



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701 University Ave., Suite 200
Sacramento, CA 95825
(916)923-1097 | Fax (916)923-6251
www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Gene Whitehouse, Chairperson</u>	Time:	<u>15:45</u>
Company:	<u>United Auburn Indian Community of the Auburn Rancheria</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-883-2390</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and they said he was in a meeting. I emailed Jason Camp and Marcos Guerrero from the UAIC as Gene Whitehouse did not have an email address.

Follow-up:



Cardno, Inc
701 University Ave., Suite 200
Sacramento, CA 95825
(916)923-1097 | Fax (916)923-6251
www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Judith Marks</u>	Time:	<u>14:37</u>
Company:	<u>Colfax-Todds Valley Consolidated Tribe</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>916-580-4078</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for Judith Marks asking if she received the letter and if she had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:



Cardno, Inc
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(916) 923-1097 | Fax (916) 923-6251
www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Pamela Cubbler</u>	Time:	<u>14:50</u>
Company:	<u>Colfax-Todds Valley Consolidated Tribe</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-320-3943 (cell)</u> <u>530-367-2093 (home)</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the cell phone number listed above and spoke with Pamela Cubbler. I asked her if she received the letter and if she had any comments, questions, or concerns pertaining to the Project. She asked if she can call me back when she has time to fully go over the letter and map.

Follow-up:



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CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Grayson Coney, Cultural Director</u>	Time:	<u>15:00</u>
Company:	<u>T'si-Akim Maidu</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-383-7234</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for Grayson Coney asking if he received the letter and if he had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:



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www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Eileen Moon, Vice Chairperson</u>	Time:	<u>15:11</u>
Company:	<u>T'si-Akim Maidu</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-274-7497</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for Eileen Moon asking if she received the letter and if she had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:



Cardno, Inc
701 University Ave., Suite 200
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(916)923-1097 | Fax (916) 923-6251
www.cardno.com

CONVERSATION RECORD

- Telephone
- Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Don Ryberg, Chairperson</u>	Time:	<u>15:11</u>
Company:	<u>T'si-Akim Maidu</u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-274-7497</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for Don Ryberg asking if he received the letter and if he had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:



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www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>April Wallace Moore</u>	Time:	<u>15:20</u>
Company:	<u></u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-637-4279</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and left a brief message on the answering machine for April Wallace-Moore asking if she received the letter and if she had any comments, questions, or concerns pertaining to the Project. I left my name and return contact number.

Follow-up:



Cardno, Inc
701 University Ave., Suite 200
Sacramento, CA 95825
(916)923-1097 | Fax (916) 923-6251
www.cardno.com

CONVERSATION RECORD

- Telephone
 Personal Contact (i.e., lunch, meeting, etc.)

Date:	<u>1/23/2015</u>	By:	<u>M. Rossi</u>
Conversed With:	<u>Rose Enos</u>	Time:	<u>15:32</u>
Company:	<u></u>	Project Name:	<u>Moore Property Project</u>
Phone No.:	<u>530-878-2378</u>	Project No.:	<u>N/A</u>

Subject: Follow-up phone calls to letters sent to individuals listed on the NAHC contact list for the Moore Property Project

Remarks:

Called the phone number listed above and spoke with Rose Enos asking if she received the letter and if she had any comments, questions, or concerns pertaining to the Project. She said her main concern is that if there is going to be ground disturbing activities for the project that she be contacted if any human remains or prehistoric cultural materials are identified. She explained she works with the Thunder Valley Tribe (Casino).

Follow-up:



SHINGLE SPRINGS RANCHERIA
P.O. BOX 1340; SHINGLE SPRINGS, CA 95682
(530) 676-8010; FAX (530) 676-3582

January 21, 2015

Cardno, Inc.
701 University Avenue, Suite 200
Sacramento, CA 95825

RE: Moore Road Property Project, Placer County, California

Dear Joshua Peabody

Thank you for your letter dated January 13, 2015 in regard to the Moore Road Property Project. Based on the information provided, the Shingle Springs Band of Miwok Indians is not aware of any known cultural resources on this site. However, SSR would like to have continued consultation through updates, as the project progresses this will foster a greater communication between the Tribe and your agency.

SSR would also like to request any and all completed record searches and or surveys that were done in or around the project area up to and including environmental, archaeological and cultural reports.

If during the progress of the project new information or human remains are found we would like to be able to go over our process with you that we currently have in place to protect such important and sacred artifacts (especially near rivers and streams).

Please contact the following individuals if such finds are made:

Kara Perry, Administrative Assistant (530) 488-4049 kperry@ssband.org

**And copy all communications to:
Cynthia Franco, Administrative Assistant, cfranco@ssband.org**

Thank you for providing us with this notice and opportunity to comment.

Sincerely,


Daniel Fonseca
Cultural Resource Director
Tribal Historic Preservation Officer (THPO)
Most Likely Descendent (MLD)

APPENDIX

C

FIELD PHOTOGRAPHS





Prepared by

Shaping the Future



Overview of the Windsor Cove Subdivision Project APE taken by A. Hallock 1/26/2015. View is toward the east. Accession No. IMG_9090.



Overview of the Windsor Cove Subdivision Project APE taken by A. Hallock 1/26/2015. View is toward the west. Accession No. IMG_9111.

Prepared by



Overview of the Windsor Cove Subdivision Project APE near the residence located at the southwest corner of the parcel taken by A. Hallock 1/26/2015. View is toward the northeast. Accession No. IMG_9114.



Overview of the Windsor Cove Subdivision Project APE depicting the residence located near the southwest corner of the parcel taken by G. Root 1/26/2015. View is toward the east. Accession P1010835.

APPENDIX

SITE RECORDS



State of California ♦ The Resources Agency
 DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
 HRI #
 Trinomial
 NRHP Status Code

Other
 Review Code

Reviewer

Date

Listings

Page 1 of 4 *Resource Name or #: (Assigned by recorder) MP-1

P1. Other Identifier: _____

*P2. Location: Not for Publication Unrestricted

*a. County Placer County and

*b. USGS 7.5' Quad Roseville Date 1983 (PR) T 12N; R 6E; NW ¼ of SE¼ of Sec 19; MDB.M.

c. Address _____ City Lincoln Zip 95648

d. UTM: Zone 10S, 643317 mE/ 4303999 mN

e. Other Locational Data:

From the intersection of Highway 65 and Nelson Lane in the town of Lincoln, drive south on Nelson Lane for 1.2 miles to Moore Road. Turn right on Moore Road and drive for 0.45 miles to a residential driveway on the right-hand side of the road. The site is located approximately 500 meters to the north.

*P3a. Description:

The site consists of a scatter of historic (1920s) and modern debris. The observed artifacts are a mixture of household, agricultural, and automotive items including: ceramic sink and toilet fragments, shoes, hogwire fencing, clay and asbestos pipe fragments, bricks, and an automotive steering wheel and alternator.

*P3b. Resource Attributes: AH16 – Other (Trash scatter)

*P4. Resources Present: Building Structure Object Site District Element of District Other (isolates, etc.)



*P5b. Description of Photo: (view, date, accession #)

MP-1 overview of site. Facing 118°. 1/26/2015. Accession #9096

*P6. Date Constructed/Age and Source: Historic Prehistoric Both

*P7. Owner and Address:

Unknown

*P8. Recorded by:

D. Andolina, A. Hallock, G. Root, J. Fayer

Cardno ENRTIX

701 University Ave, Ste. 200

Sacramento, CA. 95825

*P9. Date Recorded:

1/26/2015

*P10. Survey Type:

Intensive Pedestrian

*P11. Report Citation: Andolina,

Darren. 2015. Cultural Resources

Inventory Report for the Windsor Cove

Subdivision Project, Lincoln, Placer County, California.

*Attachments: NONE Location Map Continuation Sheet Building, Structure, and Object Record

Archaeological Record District Record Linear Feature Record Milling Station Record Rock Art Record

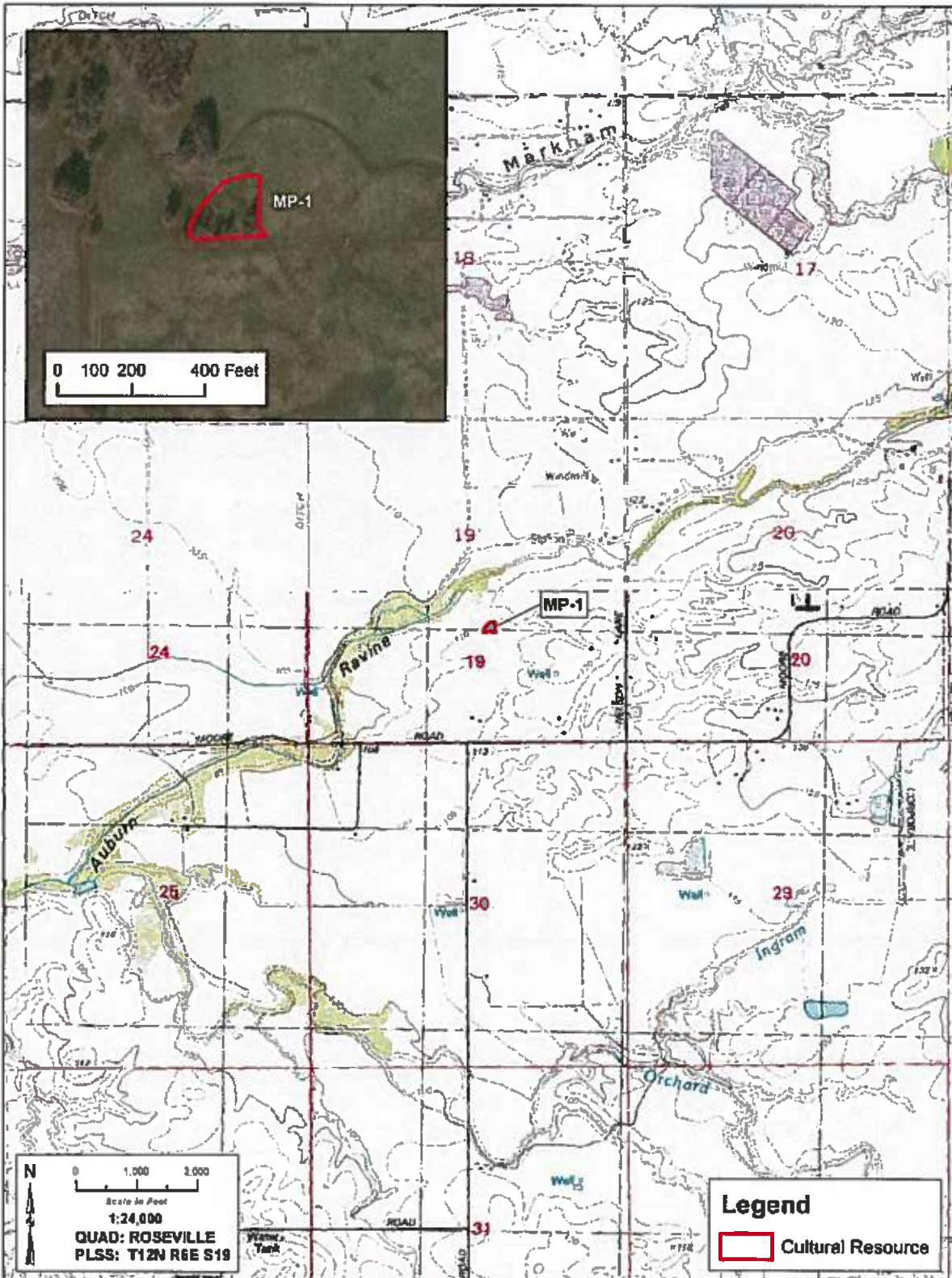
Artifact Record Photograph Record Other (List): Sketch map

ARCHAEOLOGICAL SITE RECORD

Page 2 of 4

*Resource Name or #: MP-1

- *A1. Dimensions:** a. Length: 100 feet (N/S) × b. Width: 100 feet (E/W)
Method of Measurement: Paced Taped Visual estimate Other:
Method of Determination (Check any that apply.): Artifacts Features Soil Vegetation Topography
 Cut bank Animal burrow Excavation Property boundary Other (Explain):
- Reliability of Determination: High Medium Low Explain:
- Limitations (Check any that apply): Restricted access Paved/built over Site limits incompletely defined
 Disturbances Vegetation Other (Explain):
- A2. Depth: None Unknown Method of Determination: The resource consists solely of surface artifacts deposited within the last 80 to 100 years in a stable landform environment.
- *A3. Human Remains:** Present Absent Possible Unknown (Explain): The resource consists solely of a surface scatter of debris.
- *A4. Features:**
None observed.
- *A5. Cultural Constituents:**
The observed artifacts are a mixture of household, agricultural, and automotive items including: ceramic sink and toilet fragments, shoes, hogwire fencing, clay and asbestos pipe fragments, bricks, cinder blocks, and an automotive steering wheel and alternator.
- *A6. Were Specimens Collected?** No Yes
- *A7. Site Condition:** Good Fair Poor (Describe disturbances.):
- *A8. Nearest Water:** Auburn Ravine is situated approximately 240 meters northwest of the site.
- *A9. Elevation:** 111 feet amsl
- A10. Environmental Setting :**
The resource is situated within an ephemeral drainage adjacent to an agricultural field. Several large oak trees are located within and around the site.
- A11. Historical Information:**
- *A12. Age:** Prehistoric Protohistoric 1542-1769 1769-1848 1848-1880 1880-1914 1914-1945
 Post 1945 Undetermined Describe position in regional prehistoric chronology or factual historic dates if known:
- A13. Interpretations :** This resource does appear to possess potential significance under any of the NRHP Criteria. It is not associated with the historical development of Lincoln, Placer County, or the broader cultural heritage of the United States (Criterion A) nor is it associated with persons important to the development of Lincoln, Placer County, or the United States (Criterion B). The resource does not contain distinctive characteristics of type, period, region, or method of construction (Criterion C). Given the surficial nature of the site, as well as the fact that the site consists of a mixture of recent historic and modern items, the site does not appear likely to yield important information to the historical development of the region (Criterion D).
- A14. Remarks:**
- A15. References:**
- A16. Photographs:**
Original Media/Negatives Kept at:
- *A17. Form Prepared by:** D. Andolina Date: 1/26/15
Affiliation and Address: Cardno ENTRIX, 701 University Ave Ste 200, Sacramento, CA, 95825



Moore Property
MP-1
J. Fayer
1/26/15

