

APPENDIX F
(F1 – F4)

**CULTURAL AND PALEONTOLOGICAL
RESOURCES**

APPENDIX F1
CULTURAL RESOURCES SETTING

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Prehistoric Context

Archaeological context is presented from various sources in the southwestern portion of the Great Basin, and includes regional data from the Colorado River and Lower Virgin River areas. Cultural resource documents demonstrate that Native Americans have occupied the Three Corners region (western Arizona, southern Nevada, and southeastern California) since the end of the Pleistocene (10,000 Before Christ [BC]), continuing through the initial and middle stages of the Holocene (8000 - 2000 BC) and until the ethnographic present (2000 BC – Present).

Archaeologically, cultures are defined by their collective artifact assemblages. Diagnostic artifacts such as projectile points and ceramics are signatures for distinct periods of human occupation. Unfortunately, the open-air context is unsuitable for the preservation of leather, basketry, or wooden objects and many artifacts have been lost to the ravages of time and unfavorable environmental conditions. Objects that persist through time become the contributing elements to the archaeological record (e.g., chipped stone and ceramics) and are responsible for supplying invaluable information about prehistoric cultures and lifeways. Two phases of prehistory are, however, without ceramics and perishable organic artifacts: the Paleoarchaic (9500–5500 BC) and Archaic (5500 BC – Anno Domini [AD] 500).

Efforts to refine the cultural chronology of the Mojave Desert and the surrounding environs have recently resulted in a new understanding of the cultural periods and a renewed interest in the archaeology of the Three Corners region (Roberts and Ahlstrom 2000; Ahlstrom et al. 2005; Ahlstrom 2006; Seymour 2006; Lyon and Ahlstrom 2006). Ahlstrom (2006) has recently associated over 120 archaeological sites from the Las Vegas Valley to one or more of five different time periods: Paleoarchaic (9500-5500 BC), Middle Archaic (5500-3000 BC), Late Archaic (3000 BC-AD 500), Early Ceramic (AD 500-1200), Late Ceramic (AD 1200-1850).

Paleoarchaic (9500 – 5500 BC): North America's first inhabitants presumably entered the continent by either crossing the Bering Strait or following the late Pleistocene coastline along the Pacific Ocean. Navigating the ice-free corridor, the early inhabitants were engaged in a hunting-fishing-gathering subsistence economy. Evidence of their successful adaptation has been widely uncovered throughout the Americas and is labeled the Clovis Tradition. Although recent archaeological data suggest a pre-Clovis occupation of North America (Fiedel 1999, 2000; Rose 1999; Strauss 2000; Powell 2004), no pre-Clovis sites have yet been identified in southern Nevada although several have been located within southeastern California, more notably within Fort Irwin.

Tool assemblages dating from the Paleoarchaic consist of lanceolate fluted points, large bifaces, end- and side-scrapers, graters, and flake tools. Settlement patterns of these early inhabitants generally reflect high mobility and hunting strategies geared toward big game, presumably mammoth, bison, and ground sloth, although the coexistence of these people and the large Pleistocene mega-fauna relative to their time of extinction is still being debated (Jennings 1986; Grayson and Meltzer 2003; Fiedel and Haynes 2004). A dearth of groundstone associated with Paleoarchaic deposits has suggested to some archaeologists that gathering wild resources might have played a subordinate role to hunting. In most of the western United States, the earliest evidence of this human occupation is the fluted-point horizon known as the Western Clovis Tradition, dating to between approximately 9500 and 9000 BC (Wilke et al. 1991; Haynes 1980, 1982, 1984, 1987; Roberts and Ahlstrom 2000; Ahlstrom 2006).

Dating from 9000 to 5500 BC, regional styles of projectile points include Black Rock, Mt. Moriah, Boraz Lake Wide Stem, Cougar Mountain, Windust, Lind Coulee, Birch Creek, Hasett, Lake Mohave, Silver Lake and Parman (Willig and Aikens 1988). Similarities in technology and typology from British Columbia to Northern Mexico and from the Rocky Mountains to the Pacific Coast (Willig and Aikens 1988) suggest the possibility of a shared cultural tradition.

Middle and Late Archaic Periods (5500 BC – AD 500): The Archaic period is chronologically situated between the Paleoarchaic tradition and the Early Ceramic period in the Three Corners region. In the past, Archaic archaeology has been relegated to a lesser order due to the ephemeral nature of the typical Archaic site or settlement. In comparison with occupational histories of the Paleo-Indian, the so-called “first Americans”, or the subsequent developments in agriculture and material cultural made during the Early and Late Ceramic periods, interest in the Archaic lifeway was overlooked.

Recent research in both academic archaeology and cultural resources management is expanding the database concerning Archaic sites and, as a result, has begun to illuminate a once poorly understood period. Concise archaeological boundaries for the Archaic period are still not entirely possible, and dates given for the period should be tentatively accepted (Berry and Berry 1986; Roberts and Ahlstrom 2000; Ahlstrom et al. 2005; Ahlstrom 2006; Seymour 2006; Lyon and Ahlstrom 2006). The Archaic period, sometimes associated with the Desert Culture, and later renamed the Desert Archaic (Jennings 1964), refers to a generalized subsistence mode used by regional hunters and gatherers that may have continued over the last 10 millennia. A generalized hunting and gathering regime exploited wild flora and fauna. Projectile point series known as Elko, Pinto, and Humboldt were used for hunting, and milling stones were introduced to grind seeds, nuts, berries, and other hard-to-process foods. Evidence of such an archaic lifestyle can be seen throughout the Three Corners region, continuing until contact with European explorers; however, problems of chronology and the aerial extent of this lifestyle continue (Berry 1980; Madsen 1979, 1980; Ahlstrom et al. 2005; Ahlstrom 2006).

Archaeological sites in playas and dry streambeds suggest occupation during a precipitous climate and are the hallmark of what in the past was referred to as the Pinto Period; however, the second half of the time period is described as being more arid than post-Pleistocene climatology. Dating from approximately 5000 to 2000 BC, the Pinto horizon consists of a variety of large and small leaf-shaped points and knives, drills, gravers, domed and elongated-keeled scrapers, and ground stone artifacts. This tool assemblage suggests a general hunting and gathering subsistence with a modest seed processing technology (Warren and Crabtree 1986).

A medium to large stemmed and notched projectile point horizon, known as the Gypsum Period, developed from approximately 2000 BC to AD 500 within the Great Basin (Warren and Crabtree 1986). This period is divided into three atlatl dart typologies: Elko, Gypsum and Humboldt (Butler 1986). Climatic conditions are described as neoglacial or neopluvial (Davis 1982; Weide 1982; Willig and Aikens 1988), an interval consisting of lower temperatures and increased precipitation (Blair and Heindl 1992). As a result, a semi-sedentary subsistence based on the seasonal use of based camps and rock shelters emerged.

Archaeological sites representative of these different phases or traditions demonstrate a greater diversity of resource utilization and accelerated seed processing technologies, as numerous milling stones are found in the context of these assemblages. Associated artifacts include drills, punches, manos, metates, and chipped stone tools. Basketry, slings, animal decoys, mats, and

marine shell beads are also provenienced with these typologies (Blair and Heindl 1992). Regional exploitation of resources is indicated by tool caches at base camps and cache sites in rock shelters and caves (Elston 1986). Point sizes are reduced during the latter portion of the period, in response to the introduction of the bow and arrow (Warren and Crabtree 1986).

Early and Late Ceramic Periods (AD 500 – 1850): Adapted from Seymour et al. (1994), the Formative period, now referred to as the Early Ceramic (Ahlstrom 2006), is marked by reliance on agriculture and settlements incorporating permanent or semi-permanent habitation as well as a variety of limited activity sites. This change is accelerated by Anasazi influence from the east and Patayan (Yuman) influence from the south. Ceramics first appear during this period, with lower Colorado wares and Anasazi graywares found in increasing abundance over time. A trend continues during this period toward increased reliance on cultivated plant material and smaller animals for subsistence. Site-type diversification increases and large occupation sites become more common. Projectile point types are smaller than during the previous period.

Virgin Anasazi concentrations along the Virgin and Muddy Rivers in the Moapa Valley, some 50 miles to the northeast of the Las Vegas Valley, represent these periods. Moreover, evidence of Virgin Anasazi pottery has been recorded as far west as the Cronise Basin (Warren 1984). Other cultural remains associated with the Virgin Anasazi are well documented in the Las Vegas Valley at Big Springs (Warren and Crabtree 1972) and Corn Creek (Williams and Orlin 1963). Additional evidence for a wide-scale regional occupation is found in the Virgin (Ellis et al 1982), Mormon (Rusco 1983), and Spring Mountains (Lyneis et al. 1989), and the California Wash drainage system (Blair 1986). It has been determined by many that the Anasazi utilized the region for the exploitation of wild resources as well as for trading with neighboring cultural groups (Blair 1986). Chronologically, the Virgin Anasazi culture has been divided into four phases: Moapa Phase, Muddy River Phase, Lost City Phase and Mesa House Phase. A detailed description of these four phases is beyond the scope of this report, but excellent discussions on these topics can be found in the following reports (Shutler 1961; Lyneis 1980; Lyneis et al. 1989; Altschul and Fairley 1989; Seymour et al. 1994).

Architectural features remaining from phases of regional Virgin Anasazi occupation consist of above ground square and rectangle structures of adobe and masonry called pueblos and circular semi-subterranean pithouse structures. The area was abandoned before cliff dwellings came into use farther east. Archaeological sites reported within the Moapa Valley (Lyneis 1996; Myhrer 1986) show that the population practiced irrigation farming in the river valleys and supplemented their diets by collecting wild foodstuffs; cultivating pumpkins, corn, and tepary beans in fields along the riverbanks; and acquiring natural foods such as agave, yucca, screwbeans, and pinyon seeds from the higher elevations. Deer, mountain sheep, desert tortoise, and other small mammals, birds, and reptiles provided protein for these archaeological cultures.

Abandonment of the region by the Virgin Anasazi is a topic of debate, as the region of their culture, especially the area north and west of the Colorado River, is still poorly understood. Many archaeologists are presently trying to unravel the processes that led to final abandonment in order to know where the population went and why they left (Lyneis 1996; Gumerman 1994).

A critical time in the evolutionary trajectory of indigenous populations in the New World was the Protohistoric period. Encroachment by European explorers during the 16th century and their imposition of cultural values and stigmas compromised the lifeways and traditions of

Native Americans. Protohistory is defined as the period of culture immediately before its recorded history begins.

Ethnographic Context

The project area extends across the ethnographic traditional use areas of several Native American groups including the Kawaiisu, Mojave, Shoshone, Serrano/Vanyume and Southern Paiute. Each of these groups represents highly effective, mobile hunter gatherer groups loosely organized into small patrilineal clans. The area inhabited by these groups incorporated a broad spatial and topographic zone that capitalized on the available natural resources. Given their large cultural use areas, they often shared boundaries, languages, and natural resources with neighboring tribes. While largely interrelated, the following discussion addresses highlights from each of these group whose traditional culture area is crossed by the proposed project and its alternatives.

Kawaiisu

The core area of the Kawaiisu was along the western boundary of the Mojave Desert and extended into the Tehachapi and Paiute Mountains. However, the Kawaiisu also incorporated a larger gathering area in their resource procurement beyond that of the core area. This expanded boundary included areas as far eastward as the Armagosa River and southward to the Mojave River (Park et al 1938, Zigmond 1986). The extended procurement area included elevation changes in excess of 7,500 feet providing even greater natural resource diversity for the Kawaiisu.

Linguistically, the Kawaiisu represent the westernmost branch of the Southern Numic division of the Uto-Aztecan language family. Kroeber (1959) and Lamb (1958) suggest that there is sufficient evidence to classify Kawaiisu as its own separate language from the rest of the Southern Numic (Miller 1986). Their location along the foothills of the Mojave Desert places them with non-Numic speakers to the south and north and non-Uto-Aztecan speakers to the west. Such regional language diversity is likely to have also factored in Kawaiisu language development.

Kawaiisu winter structures were circular in shape often made of willow with vertical forked and transverse poles. The structures were then lined with brush and bark or tule matting. Summer structures were flat roofed *ramada*-style structures that provided shade and ventilation for the occupants.

Subsistence for the Kawaiisu was varied owing to the regional topographic variance of their territory. Floral subsistence included, but was not limited to juniper, pine, oak, Joshua tree, yucca, wild celery and parsley and mariposa to name a few. Furthermore, their hunting provided a variety of game including deer, rodents, rabbits, birds and insects.

Mojave

Tribal boundaries of the Mojave are believed to have originated within the Mojave Desert prior to 1150 AD when they migrated to the Mojave Valley along the Colorado River (Schroeder 1952). When the first Spaniards crossed the valley, the Mojave were already established along the rich, fertile Colorado River. Their tribal area at the time of contact extended from modern day Lake Mojave in southeastern Nevada southward to Blythe occupying nearly 60 miles of the north south trending Colorado River (Stewart 1983).

The Mojave represent the largest and most northern Yuman-speaking tribes of the lower Colorado River Valley. Their language classification is of the River subgroup of the Yuman family which includes Quechan, Maricopa (and Halchidhoma, Kavelchadom) (Kendall 1983). They exhibited a loose division of bands with minimal political organization. While the Mojave lacked centralized villages, they instead exhibited sprawling settlements scattered throughout the river valley's most arable land. Structures were situated on low rises above the floodplain and yet spread out by as much as a mile or more. These structures were largely of two principle types. The first, which often served as a nearly year-round residence capitalizing on the warm weather, was a *ramada* or shade. This structure was flat topped and lacked sides allowing for open ventilation and shade. The second structure was used primarily during the winter months and was a waddle and daub structure covered with sand or mud to limit the effects of the cold (Stewart 1983).

After largely abandoning a hunter gather existence, the Mojave largely took advantage of the fertile floodplains of the Colorado River by farming. The farmed diet consisted primarily of maize, beans, pumpkin and some melons. This diet was also supplemented by gathering wild edibles or fishing the river. Gathered plants included cactus fruits and other desert plants and most importantly, the pods of the mesquite and screwbean. Fish were gathered by nets, traps or weirs. Some hunting was undertaken but limited to occasionally deer and mostly rabbit (Stewart 1983).

Serrano/Vanyume

Spanish explorers to the mountainous areas east of Los Angeles provided the name "Serrano" (meaning 'mountaineer' or 'highlander') to the indigenous people they encountered in this region of the Transverse Ranges. However, a related group to the Serrano lived north of the mountainous region for which the Serrano name is derived. This related group, known as the Vanyume, occupied a significant portion of the western Mojave Desert from the San Bernardino Mountains east of the Cajon Pass northward and beyond the Mojave River. The eastern boundary extended to nearly the Providence Mountains (Bean and Smith 1978). It should also be noted that some accounts indicate that villages of the Serrano extended into this area as well reaffirming the relationship between the Vanyume and the Serrano proper. Given the dearth of available data on the Vanyume, the following is based largely on the known information of the Serrano interspersed with Vanyume data whenever possible.

The name *Serrano* is regularly used to describe a group of languages in the Takic family of the Uto-Aztecan Stock. While little linguistic information is available on the Vanyume, it is understood that the Vanyume spoke a dialect of the Serrano language (Shipley 1978, Bean and Smith 1978). The Serrano were organized into autonomous localized lineages occupying specific territories. Because settlement was determined by the availability of water, most Vanyume lived in small villages situated near water sources, principally the Mojave River. Individual family dwellings consisted of circular, domed structures built of willow frames that were covered in thatched tule. (Bean and Smith 1978.)

The Serrano and Vanyume were primarily hunters and gatherers. Principal game included deer, mountain sheep, antelope, rabbits, birds, and other small mammals. The primary staples depended on the location of each hamlet but each supplemented their diets with various other roots, bulbs, and shoots. Early travelers like Jedediah Smith observed that the Vanyume processed acorns and pine nuts to make an edible "mush". The presence of acorns and pine nuts suggest that an active trade network or gathering area was present to have such staples along the

Mojave River at the time of his crossing in 1826. Technologically, they were known to utilize shell, wood, bone, stone, and plant fibers to make a variety of implements (Bean and Smith 1978).

Shoshone

The Western Shoshone occupied territory from Death Valley in eastern California through the center of Nevada to northwestern Utah and southeastern Idaho. However, populations of the Western Shoshone were rather sparse in historic times and boundaries tended to be fluid (Steward 1938; Thomas et al. 1986; Woods Cultural Research 2003).

Linguistically, the Western Shoshone in the project vicinity speak Southern Numic, part of the Numic branch of the Uto-Aztecan language family. The Western Shoshone call themselves the *Newe*, meaning “the people.” Other designations were based on significant environmental features or dominant food resources within their habitats (Thomas et al. 1986; Woods Cultural Research 2003).

The complex hunter-gatherer subsistence strategies of the Western Shoshone were developed in response to patchy and often unreliable resources typical of Great Basin environments. The movement of small families and family clusters were carefully coordinated and largely based on the availability of resources. Water played a crucial role in the quest for food; numerous trees, grasses, shrubs, and tubers established themselves along lowland valleys near water sources, below the cooler and higher-elevation nut-bearing resources. Residential stability occurred in the winter, where villages were established in warmer places near caches of seeds, pine nuts, and dried meats. In more marginal areas, the Western Shoshone wintered in areas that coincided with the more productive seasonal crops and piñon nuts.

Due to the high degree of residential and logistic mobility practiced by the Western Shoshone, shelters were by necessity temporary, expediently fashioned structures. The construction of these structures was based on three factors: duration of stay, accessibility of timber, and projected use. A winter structure was typically a conical hut covered with slabs of bark, and housed a family of roughly six individuals (Kelly and Fowler 1986). Occasionally, huts were surrounded by a single tier of stones to keep the supports in place. During the hot summer months, shelters consisted of circular sunshades or circular brush structures. It is reported that some Shoshone occasionally sheltered in caves (Steward 1943 *in* Kelly and Fowler 1986), although there is no evidence of this in the study area.

A variety of animals found in lacustrine environments (e.g., ducks, sage hens, mudhens, grouse, quail, doves, bluebirds, insects) were part of the Western Shoshone diet. Waterfowl were communally hunted in such areas as Spring and Snake Valleys. Other animals procured included cottontails, gophers, squirrels, groundhogs, and snakes. Bighorn sheep and antelope were highly sought after by the Shoshone and were either stalked individually or hunted in communal drives. Deer were hunted occasionally, but were scarce in some areas, particularly in the regions to the south.

Southern Paiute

The ancestral territory of the Southern Paiute extend from southern Nevada, southeastern California, and northwestern Arizona. Furthermore Mt. Charleston or Nuvagantu (“where snow sits”) and the entire Spring Mountains are a holy place for the Southern Piute. Mt. Charleston specifically, and the Spring Mountains in general, are considered to be one of several creation places for the Paiute peoples. Within the project area, the Southern Piute may be divided into two groups, the Las Vegas Paiute and the Chemehuevi. While there is marked similarities between these two groups the Chemehuevi were said to have a strong affiliation with the Mohave (Kelly and Fowler 1986).

The Southern Paiute constructed various types of dwellings. The “winter” house was a conical or subconical structure, gabled, with the limb of a tree as the ridgepole. To catch the morning sun, the doorway typically faced east, and most houses contained a smoke hole (Kelly and Fowler 1986). Warm-weather dwellings typically were supplementary shades and windbreaks, as many lived under trees with added brush to increase the level of shade. The common flat-roofed shade was considered to be a fairly recent development. Caves were also used as dwellings in areas throughout Southern Paiute territory (Kelly and Fowler 1986).

Briefly, subsistence of the Southern Paiute combined a mixed economy of hunting and gathering of the region’s fauna and flora into a balanced diet. Although wild plants and limited agriculture practices provided the bulk of their food, hunting small game and sometimes big game allowed the Southern Paiute to supplement their diet with the necessary amount of protein. Pine nuts and agave were collected, and with limited irrigation practices the Southern Paiutes were able to grow squash, melons, corn, and winter wheat. In the northern Mojave, honey mesquite and screwbean are suggested by Lyneis (1982b) to have been perhaps a more important determinant of settlement than the piñon crops for people in the southern Great Basin.

Historic Context

European influence in the greater Southwest began with the arrival and influx of Spanish explorers during the 16th and 17th centuries. Written accounts attest to the expansion of the Spanish Borderlands into the southwest as early as the 1530s. The colonization formula utilized by the Spaniards by the latter half of the 1700s consisted of the tried and tested tripartite—mission, presidio, and pueblo. Within the Mojave Desert, the harsh conditions and remoteness did not promote a cost-effective outpost for the Spanish Empire, which with time lost its hold on the region.

California

The Spanish were the first European explorers to explore and settle the southwestern half of the United States, including what would eventually become the state of California. As early as 1500, they entered the New Mexico region and within 100 years established a mission in Santa Fe, but it wasn’t until 1769, when they embarked on expanding New Spain westward establishing posts at San Diego and Monterey bays (Milner 1994:65). Recognizing the desirability of establishing an overland connection with New Spain through the region of the lower Colorado River, Father Francisco Garcés conducted extensive explorations within the region of the Colorado and Mojave deserts and northern Arizona. In 1776, Father Garcés traveled from Sonora to the

pueblo of Los Angeles utilizing the Old Mojave Trail, an ancient trading corridor located along the Colorado and Mojave river systems (Beck and Haase 1974:15).

Although attempts to establish a trade route from New Mexico to California had begun as early as 1776, it wasn't until 1829 that a direct route was established by Santa Fe merchant Antonio Armijo. Armijo's party fused a route from the trails established by the Rivera and Dominguez-Escalante expeditions with the approaches to the San Gabriel Mission through the Mojave, including a portion previously traversed by Father Garcés and Captain Juan Bautista de Anza (von Till Warren 2009:1). Historians disagree as to where Armijo's party first crossed present-day Clark County, but evidence indicates that the Armijo party likely traveled through the southern Las Vegas Valley. The return journey marked the first time a caravan made a round trip between Santa Fe and Los Angeles and provided a route to international markets via the ports in California. During the 1830s and 1840s, the route was utilized by Americans, Mexicans, and Native Americans, as the trail served as a conduit for extensive trade in goods and slaves. Many prominent mountain men used the Spanish Trail to cross southern Nevada, including William Wolfskill, Christopher "Kit" Carson, Thomas "Pegleg" Smith, George Yount, Ewing Young, James Beckworth, Thomas "Broken Hand" Fitzpatrick, and Old Bill Williams. In southern Nevada, physical evidence of the trail has been obscured by subsequent transportation developments. (Hulse 1991:40; James 1981:211–222, McBride 2002:5–7). In 1841, John Rowland and William Workman led a party into California along the Spanish Trail to avoid the winter cold of the Sierra Nevada's with a virtually unimpeded route directly to Los Angeles via the Cajon Pass. The trail would also become known in the 1840s and 1850s as the Mormon Trail as numerous Mormon immigrants traveled eastward to Salt Lake City.

Between 1834 and 1871, the U.S. government embarked on sponsored expeditions to explore the geography and known trails of the western Great Basin. The U.S. government's philosophy of expansion, which came to be regarded as Manifest Destiny, was a motivating factor in exploration and mapping of the western region of North America. Eventually, U.S. expansionism culminated in the annexation of Texas and participation in the Mexican American War (1846–1848).

In 1848, the signing of the Treaty of Guadalupe Hidalgo ended the war between the United States and Mexico, and resulted in the transition of California to American territory. That same year, gold was discovered at Coloma on the south fork of the American River, a find which profoundly affected the entire region. By the spring of 1849, the rush to the California gold fields was flourishing. Gold-seekers entered the southern half of the state from the east via multiple routes including the Old Spanish Trail, which crossed the Mojave Desert and the landscape that would soon become San Bernardino County (Robinson 1958).

In 1850, California was admitted to the Union, and a massive program of exploration and mapping was undertaken. This exploration resulted in the creation of Fort Piute by the United States Army on Piute Ridge, approximately 25 miles northwest of Needles and the establishment of the Mojave Road. The Mojave Road was the chief route over this part of California, connecting inland communities to commerce at the growing Port of Los Angeles (Hoover 1990; Robinson 1958).

San Bernardino County was organized in 1853 from portions of Los Angeles and San Diego Counties. The physical extent of the county, 20,094 square miles, made it the largest in the United States (Hoover 1990; Robinson 1958). Travelers and immigrants to the area were protected and supplied by federally established Fort Mojave on the Colorado River, Camp Cady midway in the desert, and redoubts at strategic desert points. This military protection and the availability of supplies brought the first homesteaders, stock-ranchers, and the first agricultural development in the Victorville area of the Mojave River Valley (Robinson 1958).

Successful gold strikes in Bear and Holcomb valleys incited a rush of miners to the San Bernardino Mountains in the 1860s and was the impetus for countless mining discoveries in the coming decades (Robinson 1958; Robinson 1985).

Discoveries made by John and Dennis Searles along Borax (now Searles) Lake in the 1870s, resulted in the establishment of one of the largest mining operations in the region. Wells sunk into the bottom of the thirty-square mile lake resulted in a vast stockpile of industrial and agricultural chemicals including millions of gallons of brine, which could be converted to potash, borax, boric acid, soda ash, salt cake, bromine, lithium carbonate (Robinson 1958). Additional mining operations including: the Panamint Mines, Ivanpah, the Providence Mountains, the Vanderbilt, the Virginia Dale, and the Goldstone and Grapevine both north of Barstow were highly profitable and successful ventures (Robinson 1958).

The county's biggest mining boom began in 1881 when the Silver King Mining Company discovered silver ore in the Calico Mountains northeast of Barstow. Within a short time period, the town of Calico boasted a collection of miners' tents, caves, shacks, stores, saloons, a school house, chapel, a Chinatown, and a cemetery. The additional discovery of borax in the Calico district in 1882 led to heavy borax mining in the 1880s and early 1890s by the Pacific Coast Borax Company (Reynolds 1994; Robinson 1958). Unlike Calico, which was assembled and operated by individual inhabitants, the Silver King Mining Company established the community of Borate for employees. As a result, Borate was a company town, not a "boom town" and when the operations ceased at the facility in the early years of the twentieth century, the buildings and equipment were transferred to Death Valley (Reynolds 1999).

Prosaic cement was another commodity mined in San Bernardino County, initially by the California Portland Cement Company. By 1923, the Oro Grande plant and properties, located six miles north of Victorville, were purchased by the Riverside Cement Company-a division of American Cement Corporation (Robinson 1958).

Construction was begun by the Southern Pacific Railroad in 1873. By 1881, San Bernardino County had direct connections via the southern route, through San Geronio Pass, to the eastern states (Robinson 1958). Rail service between Tehachapi and Mojave was helpful to westerly desert and mining areas in reaching markets abroad. When the line from Mojave in Kern County to Needles on the Colorado River was completed by 1883, most of the county was opened to rail service. In 1884, the Santa Fe Railroad acquired the line from Mojave to Needles, via Barstow. Branch lines of the Southern Pacific and Santa Fe railroads carved through the citrus belt and combined with Henry E. Huntington's Pacific Electric Railway (Robinson 1958). In addition, the opening of the Santa Fe Railroad into Los Angeles brought thousands of newcomers to southern California, ushering in the real estate boom of the 1880s (Robinson 1958).

The town of Barstow was named in 1886 by the Santa Fe to honor railroad official, William Barstow Strong. A few years prior, the Southern Pacific Railroad had dubbed the community Waterman Junction after a nearby silver mine owned by Governor Robert W. Waterman (Gudde 1998; Robinson 1958). Barstow was known as a railroad center and housed the Santa Fe Railroad diesel engine shops and supplied nearby Camp Irwin and the U.S. Marine Corps Supply Center (Robinson 1958). With the implementation of the automobile age in the twentieth century, Barstow remained a major transportation corridor with I-15 and I-40, SR-58 and SR-247 all converging in the city (City of Barstow 2008).

The community of Victorville, located midway between Barstow and San Bernardino, was named for J.N. Victor, construction superintendent for the California Southern Railroad when the railroad was under construction from the Cajon Pass. At the request of the Post Office Department, the name was changed in 1901 to Victorville, in order to avoid confusion with Victor, Colorado (Gudde 1998; Robinson 1958). During World War II, George Air Force Base was constructed to support two tactical fighter wings of the Tactical Air Command and employed approximately 6,000 personnel until its closure in 1989 (City of Victorville 2008).

With the invention of the automobile in the early twentieth century, the landscape of southern California was transformed. Initially, individual counties were responsible for the building and maintenance of roads (Rawls and Bean 1968). The Southern Pacific Railroad used its influence of county government to concentrate road construction almost exclusively on feeders for its rail lines. Accusations of waste and corruption led to the creation of a California State Bureau of Highways. In 1909, the California Legislature authorized a bond issue of \$18 million for the beginning of a system of paved state highways. Financial support in the combination of the Federal Highway Aid Act of 1916 and the state gasoline tax generated the revenue needed to generate the highway commodity (Rawls and Bean 1968).

Prior to 1923, state highways in San Bernardino County were administered from Los Angeles. However, the construction of new District VIII headquarters in San Bernardino that year resulted in the transition of power to the local community. The district initiated modernization of the interstate highways across the Mojave Desert to Las Vegas and to Arizona via Needles. Completed in the 1930s, the program involved 320 miles of highway construction, improvements of highway roadbeds and alignments, and hard surfacing of roads to Needles and Las Vegas (Robinson 1958; Schuiling 1984). In addition to improved transportation of commodities, roads opened up the mountains and deserts to recreation and tourism (Schuiling 1984).

Arguably the most famous of these new roadways, United States Route 66 (Route 66), was constructed in 1926. It extended 2,347 miles from Chicago through Missouri, Kansas, Oklahoma, Texas, New Mexico, and Arizona before ending at the beach in Santa Monica, California. Route 66, a major migratory road west, especially during the Great Depression, currently exists as Historic Route 66, a National Scenic Byway, and is commemorated, by various organizations along the way, including the California Historic Route 66 Association (Caltrans 2008). The portion that connected Needles to San Bernardino and Los Angeles was designated a part of the "Old National Trails Highway" (Schuiling 1984).

Another historic roadway was US 91, which followed the general route of the Old Arrowhead and Mormon Trails and later Union Pacific Railroad's Salt Lake line. The route was the second of two major roadways at that time that connected the United States (the other being Route 66). US 91 was decommissioned in 1964 and was replaced by several state and interstate highways,

most notably, I-15. I-15 currently extends 287 miles within the state and is a major north-south route through San Bernardino County (Cooper 2008c).

First envisioned in 1913, US 40 (also known as the Lincoln Highway), was a transcontinental highway spanning 3,220 miles from Atlantic City to San Francisco. The highway was one of America's most famous and was affectionately termed "The Main Street Across America" (Caltrans 2008). Like US 91, it was completely decommissioned in 1964 (Cooper 2008b).

Another major California highway, US 466, extended east from Bakersfield across the Tehachapi Mountains where it intersected Route 66 and US 91 in Barstow- the two major routes that connected the United States. The highway was decommissioned in 1964 and replaced by State Route 41 (SR-41), SR-46, SR-99, SR-58 and I-15. Much of the original highway remains unchanged. Its major successor, SR-58, is currently being brought up to expressway standards between I-5 and I-15 (Cooper 2008a).

With the coming of World War II, the economy of the county was revived. In addition to providing both natural and fabricated goods to the military, San Bernardino County was also the destination of multiple military facilities including: the Marine Corps Base near Twentynine Palms, Edwards Air Force Base, George Air Force Base, Camp Irwin, the Marine Corps Supply Depot, and the Naval Ordnance Test Stations within the China Lake and Searles Lake areas. With the establishment of the military facilities, an influx of military and civilian personnel relocated to the county which resulted in a series of wartime and post-war residential developments. The housing boom was quickly followed by a variety of related infrastructure improvements and facilities as new communities sprouted up throughout the landscape (Robinson 1958).

Nevada:

As early as 1500, the Spanish entered the New Mexico region and within 100 years established a mission in Santa Fe. In 1769, they embarked on a campaign of expansion into the northwest of New Spain to occupy the bays of San Diego and Monterey (Milner 1994:65). Recognizing the desirability of establishing an overland connection with New Spain through the region of the lower Colorado River, Father Francisco Garcés conducted extensive explorations in the unsettled region of the Colorado and Mojave deserts and northern Arizona. Two of these expeditions may have entered the southern Nevada region. In 1776, Father Francisco Dominguez and Francisco Escalante set out to explore a route from Santa Fe to Monterey, but they never crossed the present-day border from Utah into Nevada (Hulse 1991:31-36; McBride 2002:1). That same year, Father Garcés traveled from Sonora to the pueblo of Los Angeles utilizing the Old Mojave Trail, an ancient trading corridor located along the Colorado and Mojave river systems (Beck and Haase 1974:15).

Euro-American exploration of the Nevada region began in the early 1800s. Between 1803 and 1806, the United States government sponsored the Lewis and Clark expedition, which eventually resulted in opening up the west for Euro-American exploration. Journals produced as a result of the expedition documented lands rich with large rivers and abundant game. Although the Lewis and Clark expedition did not reach within 200 miles of present-day Nevada, these reports

enticed explorers into investigating the purportedly resource-rich region. During the early 1800s, fur trapping and trading was a lucrative business, as beaver-pelt hats and fur coats from the “wild west” were considered high fashion. Such garments remained in demand in the United States and in Europe until about 1840 (Hulse 1991:36–37). Trappers exploited the routes established by the early Spanish expeditions as a thoroughfare through the Mojave Desert between the California Coast and the interior of the continent. The most well-known trapper was Jedediah Strong Smith, an employee of the Rocky Mountain Fur Company. In 1826, Smith became the most prominent American fur trader to cross into the southeastern Nevada region near the project area. He blazed a trail to Los Angeles that would eventually be incorporated into the Old Spanish Trail, later known as the Mormon Road. (Hulse 1991:37–38; Hulse 2004: 38; McBride 2002:2).

Although attempts to establish a trade route from New Mexico to California had begun as early as 1776, it wasn't until 1829 that a direct route was established by Santa Fe merchant Antonio Armijo. Armijo's party fused a route from the trails established by the Rivera and Dominguez-Escalante expeditions with the approaches to the San Gabriel Mission through the Mojave, including a portion previously traversed by Father Garcés and Captain Juan Bautista de Anza (von Till Warren 2009:1). Historians disagree as to where Armijo's party first crossed present-day Clark County, but evidence indicates that the Armijo party likely traveled through the southern Las Vegas Valley. The return journey marked the first time a caravan made a round trip between Santa Fe and Los Angeles and provided a route to international markets via the ports in California. During the 1830s and 1840s, the route was utilized by Americans, Mexicans, and Native Americans, as the trail served as a conduit for extensive trade in goods and slaves. Many prominent mountain men used what would become known as the Old Spanish Trail to cross southern Nevada, including William Wolfskill, Christopher “Kit” Carson, Thomas “Pegleg” Smith, George Yount, Ewing Young, James Beckworth, Thomas “Broken Hand” Fitzpatrick, and Old Bill Williams. In southern Nevada, physical evidence of the trail has been obscured by subsequent transportation developments. (Hulse 1991:40; James 1981:211–222, McBride 2002:5–7). In 1841, John Rowland and William Workman led a party into California along the Spanish Trail to avoid the winter cold of the Sierra Nevada's with a virtually unimpeded route directly to Los Angeles via the Cajon Pass. The trail would also become known in the 1840s and 1850s as the Mormon Trail as numerous Mormon immigrants traveled eastward to Salt Lake City.

Between 1834 and 1871, the U.S. government embarked on sponsored expeditions to explore the geography and known trails of the western Great Basin. The U.S. government's philosophy of expansion, which came to be regarded as Manifest Destiny, was a motivating factor in exploration and mapping of the western region of North America. Eventually, U.S. expansionism culminated in the annexation of Texas and participation in the Mexican American War (1846–1848).

McBride (2002) developed a historic context for the Nevada State Historic Preservation Office (SHPO) covering the topic of exploration and early settlement in Nevada. She divided the early history of the state into three categories: Fur Trappers and Caravaners (1826–1833), Sponsored Exploration (1834–1853), and Emigration (1844–1859). These phases eventually led to the earliest historic settlements of Nevada between 1851 and 1859.

Hoffman (1936) describes the landscape encountered in the Las Vegas area, as seen from the early trappers and explorers. She writes,

...from the Muddy River to Las Vegas was particularly long and dry, frequent small streams, springs, and wells could be counted on for some food and water...The remarkable natural springs at Las Vegas were greatly welcomed, although to some they were too warm for refreshment except for bathing.

The initial mapping and exploration of this region by Anglo and Spanish pioneers were carried out by men like Eusebio Francisco Kino, Franciscan padre Francisco Garcés, Jedediah Smith, Antonio Armijo, John Fremont, and Kit Carson (Bolton 1936; Hoffman 1936; Gibson 1966; Stewart 1966; Schroder 1950; McBride 2002). Each expedition experienced varying success and misfortunes, but their accounts and sometime crude maps paved the way for subsequent overland trails, future railroads, and prospective sites for mining and settlements.

The history of the City of Las Vegas during the first half of the 20th century was influenced heavily by the incorporation of a regional railroad line that connected Salt Lake City and Los Angeles (SPLA&SL). Providing a rapid transportation route through the Las Vegas Valley, the railroad eventually opened the area to expanding regional commerce and a population desirous of a faster and safer trip west.

Prior to the arrival of the railroad in 1905, the Las Vegas Valley was accessible by overland wagon trails, notably the Mormon Road, which brought colonizers in 1855 when Las Vegas was settled as a mission (Myhrer et al. 1990). The Mormon Fort was abandoned in 1857 but was used by the Native American population until 1865, when "Octavius Decatur Gass settled at the Fort and in 1878 purchased the adjacent 120-acre Las Vegas Ranch" (Myhrer and Hatzenbuehler 1994). By the end of the 1860s, all winter business between Salt Lake City and the west coast (Los Angeles and San Francisco) traveled the Mormon Road (Hoffman 1936:109).

As the 19th century was coming to a close, the growing population in southern California, with its increasing reliance on manufactured goods and raw materials, required a new transcontinental railroad connection. Already completed in 1855, the Santa Fe Railroad and Southern Pacific Railroad networks provided service to southern California, but additional rail service from Salt Lake City to Los Angeles was still needed. After final negotiations concerning the route and percentages of ownership of the SPLA&SL railroad were resolved, tracks were finally installed through the Las Vegas Valley.

Census figures for Las Vegas show a population of 30 according to the Twelfth Census in 1900 (Carlson 1974). By the end of the first decade of the 20th century, Las Vegas' population was reported to be over 1,000 residents. Within two years of the 1910 census, the City of Las Vegas became incorporated by the State of Nevada and later that year Peter Buol was elected the town's first mayor (Jones and Cahlan 1975).

The Arrowhead Trail Automobile Highway (ATAH) provided access between Salt Lake City and Los Angeles. Reported by the *Las Vegas Age* (22 January 1921), the ATAH carried between 8,000 and 9,000 automobiles yearly. By establishing a secure autoroute, people traveled securely into and through the Las Vegas area. Along with the existing railroad network, an economic impetus was required to attract new people and their money. Boulder Dam became that focus.

The Boulder (later renamed Hoover Dam) Canyon Project Act came into existence during the early summer of 1929, causing the real estate prices in the Las Vegas area to rise (Jones and

Cahlan 1975). Maneuvering by the Union Pacific Railroad, which acquired the SPLA&SL rail lines in 1921, assured competing construction and commercial companies positions, providing service to and from the dam site.

Seemingly overnight, Las Vegas was inundated by thousands of laborers looking for work at the dam. The depressed economic situation in the United States at the beginning of the 1930s directed waves of prospective job hunters to the region. When the Hoover Dam was completed in 1935, the economic market once again was flooded with unemployed laborers. With many of the laborers moving out of the region, it became necessary for Las Vegas to reinvent itself in order to maintain its place in the civic spotlight. By focusing on recreation in the newly formed Lake Mead Resort Area and growing recreation interest in Mt. Charleston, members of the Las Vegas Chamber of Commerce began looking toward the future of the region—tourism.

During the 1940s, the U.S. Army and Air Force established themselves in the Las Vegas area, and several large industries such as magnesium and gypsum mining enveloped the region's unemployed to support the war effort. Along with various government agencies moving into the area, the first hotel was opened in 1941.

**APPENDIX F2
ARCHAEOLOGICAL RESOURCES TABLES**

APPENDIX F2

Table F2-1. Proposed Action Alternative: Direct APE Archaeological Resources

Site Number	Period	Description	NRHP Eligibility	Impact
Segment 1				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-8700H	Historic	Mine, Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9359H	Historic	Mine Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-12H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-16H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-5H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-76H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		subsurface deposits at the site.		
JSA-CS-S-7H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-88H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-KT-S-4H	Historic	<p>Hearth</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-19	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9358H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. The site has been bulldozed several times and lacks sufficient integrity to warrant inclusion to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-10H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		thoroughly documented the surface deposit.		
JSA-CS-S-13H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-14H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-15H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-6H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>NRHP.</p> <ul style="list-style-type: none"> • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-78H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-9H	Historic	<p>Survey Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-20H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>surface expression of the site suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-TC-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
<i>Victorville Station Site 1 Option</i>				
CA-SBR-4411	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9360	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-6H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-TC-S-7H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
<i>Victorville Station Site 2 Option</i>				
CA-SBR-10315	Historic	<p>Power Transmission Line</p> <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
JSA -TC-S-9H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		characterized the site and thoroughly documented the surface deposit.		
<i>Victorville OMSF Option 1</i>				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-4411	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6317	Historic	Mine Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6323	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-2H	Historic	Fence Line <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		thoroughly documented the surface deposit.		
JSA-TC-S-3H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
<i>Victorville OMSF Option 2</i>				
JSA-CS-S-74H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-77H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-78H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-79H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-80H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-82H	Historic	<p>Monument</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-83H	Historic	Rock Cairn	Not	Potentially no

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Eligible*	impact if determined not eligible
JSA-CS-S-86H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-87H	Historic	<p>Prospector Pit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-99H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-73H	Historic	<p>Fence Line</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-75H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-76H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-81H	Historic	<p>Refuse Deposit, Road, Rock Cairn</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-84H	Historic	<p>Mining Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-85H	Historic	Prospector Pit, Refuse Deposit	Potentially	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Eligible	if determined eligible
JSA-CS-S-88H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-90H	Historic	Cobble Piles <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Victorville Utility Corridor				
Pending survey				
Temporary Construction Easement #1A				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Use of the construction easement may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Use of the construction easement may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-12132	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
CA-SBR-6325	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-2H	Historic	<p>Fence Line</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-3H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-4H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #1B				
JSA-TC-S-11H	Historic	<p>Habitation Site, well</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-10H	Historic	<p>Claim Marker</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-TC-S-12H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Segment 2A/2B				
CA-SBR-6793	Historic	<p>Railroad</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction may potentially impact the site. 	Eligible	Potentially adverse if not avoided
CA-SBR-2294	Prehistoric	<p>Village Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4525	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4615	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-115	Historic	<p>Monuments</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-31/H	Historic / Prehistoric	Rock Cairn and Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-32	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-23	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-31	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-18H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-28	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		characterized the site and thoroughly documented the surface deposit.		
JSA-CS-S-29H	Historic / Prehistoric	Hearth/Rock Circle and Lithic <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-30H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Temporary Construction Easement #4				
CA-SBR-6793	Historic	Railroad <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact the site. 	Eligible	Potentially adverse if not avoided
JSA-TC-S-30	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-31	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Use of the proposed construction easement may potentially impact subsurface deposits at the site. 		
Segment 2A				
CA-SBR-10398	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4085	Historic	Railroad <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P-1812-2	Prehistoric	Trail <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-101H	Historic	Berm <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-34	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-40H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-45H	Historic	Habitation Site This site has not been evaluated	Potentially Eligible	Potentially adverse if determined

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>for its eligibility to the NRHP.</p> <ul style="list-style-type: none"> Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 		eligible
JSA-RN-S-5H	Historic	<p>Flume</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-38	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-39	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-49/H	Historic	<p>Rock Cairn and Rock Alignment</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-57/H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-58/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-59/H	Historic	<p>Rock Alignment</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-63/H	Historic	<p>Rock Cairn and Road</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-64/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-65/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-67/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>alignment may potentially impact surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-69H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-71/H	Historic	<p>Post</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-72/H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
Segment 3B				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-3694	Prehistoric	Village Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
CA-SBR-2092	Prehistoric	Cobble Reduction Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2129	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-223	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2340	Historic	Railroad <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		the site.		
CA-SBR-2532	Prehistoric	Pottery Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2591	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4272	Historic	Spanish Trail <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-5329	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-541	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-7689	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-885	Prehistoric	Rock alignment <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-12	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		potentially impact subsurface deposits at the site.		
P2044-5	Prehistoric	Food Processing Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2262-2H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2271-2	Historic	Town Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2272-2	Prehistoric	Rock Art Area <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2284-6	Historic	Town Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
PSBR-52	Prehistoric	Trail System <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
PSBR-64	Historic	Water Transmission Line <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-124	Prehistoric	Lithic Scatter	Potentially	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	if determined eligible
JSA-CS-S-125	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-131	Prehistoric	Cobble Reduction Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-133	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-134	Prehistoric	Cobble Reduction Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-135	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-136	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-138	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-144H	Historic	Fence line	Not	Potentially no

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Eligible*	impact if determined not eligible
JSA-CS-S-153	Prehistoric	<p>Trail</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-154	Prehistoric	<p>Trail</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-RN-S-7H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-RN-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-1074	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
CA-SBR-4054/H	Historic / Prehistoric	<p>Refuse Deposit / Groundstone</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-137H	Historic	<p>Power Transmission Line</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact the site. The post and wires that comprise the transmission lines have been removed and therefore it lacks sufficient integrity to warrant inclusion to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-146H	Historic	<p>Cadastral Marker</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-43H	Historic	<p>Rock Cairn and Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		thoroughly documented the surface deposit.		
JSA-CS-S-44H	Historic	<p>Refuse Deposit and Well</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-RN-S-4H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Baker Utility Corridor				
Pending survey				
Temporary Construction Easement #6				
CA-SBR-2131	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6022	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #7				
CA-SBR-4198	Prehistoric	Habitation Site	Potentially	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Eligible	if determined eligible
P2044-11	Prehistoric	Quarry and Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-9	Prehistoric	Rock Art <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
Segment 4A				
JSA-CS-S-103H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-105H	Historic	Monuments <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-91H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-92	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-94H	Historic	Road <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-95	Prehistoric	<p>Lithic and Groundstone Scatter</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-96	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-97H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
Segment 5B				
26CK3540	Historic	<p>Railroad Camp</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK3541	Historic	<p>Railroad Construction Camp</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5685	Historic	<p>Railroad Grade</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK3808	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> • This site has been evaluated for 	Eligible	Potentially adverse if not avoided

Site Number	Period	Description	NRHP Eligibility	Impact
		its eligibility to the NRHP. <ul style="list-style-type: none"> • Construction of the proposed alignment may potentially impact the site. 		
26CK3822	Prehistoric	Habitation Site <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3825	Prehistoric	Habitation Site <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3832	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3833	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3834	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK5180	Historic	Transmission Line <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK6715	Prehistoric/ Historic	Railroad Construction Camp and Groundstone <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK7166	Prehistoric/ Historic	Habitation Site	Eligible	Potentially adverse if not avoided

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 		
26CK7212	Historic	Road <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK7218	Historic	Road <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
JSA-CS-S-161H	Historic	Habitation Site and Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-162H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
Sloan Utility Corridor				
Pending survey				
Segment 6B (no impact)				
Option C, Segment 6				
26CK4400	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5353	Historic	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5685	Historic	Railroad	Eligible	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 		if not avoided
26CK5694	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5729	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
JSA-CS-S-149H	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-169	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-170	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-175	Prehistoric	Rock Shelter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-177H	Historic	Railroad Camp <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-180H	Historic	Cadastral Marker	Eligible	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 		if determined eligible
JSA-CS-S-181	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-183	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-185	Prehistoric	Rock shelter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-186	Prehistoric	Trail <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-187	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-188	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #14				
JSA-CS-S-148H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-149H	Historic	Power Transmission Line <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact the site. 	Eligible	Potentially adverse if determined eligible

Note: * Preliminary recommendations of *not eligible* for inclusion on the NRHP were based on the results of the field survey, follow-up archival research, and guidance from the NV/BLM Protocol Agreement. California and Nevada SHPO concurrence of these findings is pending.

Table F2-2. Proposed Action Alternative: Indirect APE Archaeological Resources

Site Number	Period	Description	NRHP Eligibility	Impact
Segment 1				
JSA-CS-S-11H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-3H	Historic	<p>Mine, Refuse Deposit and Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-4H	Historic	<p>Mine and Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-8H	Historic	<p>Survey Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-KT-S-2H	Historic	<p>Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-KT-S-3H	Historic	<p>Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Victorville Utility Corridor				
Pending survey				
Segment 2A/2B				
JSA-TC-S-29	Prehistoric	Habitation Site	Potentially Eligible	Potentially adverse if determined

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 		eligible
JSA-TC-S-30	Prehistoric	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-33H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-21H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-24H	Historic	<p>Well</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
Segment 2A				
JSA-CS-S-48/H	Historic / Prehistoric	Refuse Deposit and Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-35	Historic	Mine <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-36	Historic	Refuse Deposit and Utility Pole <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-47/H	Historic	Rock Cairn <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-50/H	Historic	<p>Rock Cairn and Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-52H	Historic	<p>Hearth</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-53H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-54H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-55H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-56H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-60/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-68H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Segment 3B				
JSA-CS-S-126H	Historic	<p>Construction Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-130H	Historic	<p>Well</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-132H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		alignment may potentially impact the site and any subsurface deposits.		
JSA-CS-S-145H	Historic	Prospector Pit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-151	Prehistoric	Hearth <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-152	Prehistoric	Hearth <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-42H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-46H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-RN-S-3H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 		
JSA-RN-S-6H	Historic	<p>Well</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-RN-S-9H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-129H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Baker Utility Corridor				
Pending survey				
Segment 4A				
CA-SBR-3048	Historic	<p>Road</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		the site		
CA-SBR-7689	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
Segment 5B				
26CK3820	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3821	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3823	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3824	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3836	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK4958	Historic	Road <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK7167	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed 	Eligible	Potentially adverse if not avoided

Site Number	Period	Description	NRHP Eligibility	Impact
		alignment may potentially impact the site.		
26CK7217	Historic	Road and Refuse Deposit <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
JSA-CS-S-160H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-163H	Historic	Rock Cairn <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-164H	Historic	Rock Cairn <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-165H	Historic	Rock Cairn <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>alignment may potentially impact surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-166H	Historic	<p>Cobble Piles</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-190H	Historic	<p>Railroad Camp</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
Sloan Utility Corridor				
Pending survey				
Segment 6B				
JSA-CS-S-167H	Historic	<p>Cadastral Marker</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if determined eligible
Option C, Segment 6				
JSA-CS-S-176H	Historic	<p>Railroad Camp</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-178H	Historic	Railroad Dump Site <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-179H	Historic	Railroad Dump Site <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-184H	Historic	Cadastral Marker <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
<p>Note: * Preliminary recommendations of <i>not eligible</i> for inclusion on the NRHP were based on the results of the field survey, follow-up archival research, and guidance from the NV/BLM Protocol Agreement. California and Nevada SHPO concurrence of these findings is pending.</p>				

Table F2-3. Alternative A: Direct APE Archaeological Resources

Site Number	Period	Description	NRHP Eligibility	Impact
Segment 1				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-8700H	Historic	Mine, Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9359H	Historic	Mine Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-12H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-16H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-5H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-76H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-7H	Historic	Refuse Deposit	Potentially	Potentially

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Eligible	adverse if determined eligible
JSA-CS-S-88H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-KT-S-4H	Historic	<p>Hearth</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-19	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9358H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. The site has been bulldozed several times and lacks sufficient integrity to warrant inclusion to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-10H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-13H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-14H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-15H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-6H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>line may potentially impact surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-78H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-9H	Historic	<p>Survey Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-20H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-TC-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
<i>Victorville Station Site 1 Option</i>				
CA-SBR-4411	Historic	<p>Road</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9360	Historic	<p>Road</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-6H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-7H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily 	Not Eligible*	Potentially no impact if determined not

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>evaluated for its eligibility to the NRHP.</p> <ul style="list-style-type: none"> • Construction of the proposed station may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		eligible
JSA-TC-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
<i>Victorville Station Site 2 Option</i>				
CA-SBR-10315	Historic	<p>Power Transmission Line</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
JSA -TC-S-9H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		surface deposit.		
<i>Victorville OMSF Option 1</i>				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-4411	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6317	Historic	Mine Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6323	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-2H	Historic	Fence Line <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-TC-S-3H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
<i>Victorville OMSF Option 2</i>				
JSA-CS-S-74/H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-77H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-78H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		thoroughly documented the surface deposit.		
JSA-CS-S-79H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-80H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-82H	Historic	<p>Monument</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-83H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>NRHP.</p> <ul style="list-style-type: none"> • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-86H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-87H	Historic	<p>Prospector Pit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-99H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>surface expression of the site suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-73H	Historic	<p>Fence Line</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-75H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-76H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-81H	Historic	<p>Refuse Deposit, Road, Rock Cairn</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-84H	Historic	<p>Mining Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-85H	Historic	<p>Prospector Pit, Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 		
JSA-CS-S-88H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-90H	Historic	Cobble Piles <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Victorville Utility Corridor				
Pending survey				
Temporary Construction Easement #1A				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Use of the construction easement may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Use of the construction easement may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-12132	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6325	Historic	Refuse Deposit	Potentially Eligible	Potentially adverse if

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. use of the proposed construction easement may potentially impact subsurface deposits at the site. 		determined eligible
JSA-CS-S-2H	Historic	<p>Fence Line</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-3H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-4H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #1B				
JSA-TC-S-11H	Historic	<p>Habitation Site, Well</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-10H	Historic	<p>Claim Marker</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>subsurface component present.</p> <ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-TC-S-12H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Segment 2A/2B				
CA-SBR-6793	Historic	<p>Railroad</p> <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
CA-SBR-2294	Prehistoric	<p>Village Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4525	Historic	<p>Road</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4615	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-115	Historic	<p>Monuments</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		alignment may potentially impact the site.		
JSA-CS-S-31/H	Historic / Prehistoric	Rock Cairn and Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-32	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-23	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-31	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-18H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-28	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>surface expression of the site suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-29H	Historic / Prehistoric	<p>Hearth/Rock Circle and Lithic</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-30H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Temporary Construction Easement #4				
CA-SBR-6793	Historic	<p>Railroad</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact the site. 	Eligible	Potentially adverse if not avoided
JSA-TC-S-30	Prehistoric	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-TC-S-31	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
Segment 2A				
CA-SBR-10398	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4085	Historic	Railroad <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P-1812-2	Prehistoric	Trail <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-101H	Historic	Berm <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-34	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-40H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-45H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		construction easement may potentially impact subsurface deposits at the site.		
JSA-RN-S-5H	Historic	<p>Flume</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-38	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-39	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-49/H	Historic	<p>Rock Cairn and Rock Alignment</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-57/H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-58/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-59/H	Historic	<p>Rock Alignment</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-63/H	Historic	Rock Cairn and Road	Not Eligible*	Potentially no

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		impact if determined not eligible
JSA-CS-S-64/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-65/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-67/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-69H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-71/H	Historic	<p>Post</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-72/H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
Segment 3A				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-2129	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2131	Prehistoric	Cobble Reduction Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-223	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2340	Historic	Railroad <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-3694	Prehistoric	Village Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
CA-SBR-4272	Historic	Spanish Trail <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
CA-SBR-541	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
P2271-2	Historic	Town Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2272-2	Prehistoric	Rock Art Area <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2273-1H	Historic	Habitation <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible*	Potentially adverse if determined eligible
PSBR-52	Prehistoric	Trail System <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
PSBR-64	Historic	Water Transmission Line <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
Baker Utility Corridor				
Pending survey				
Temporary Construction Easement #6				
CA-SBR-2131	Prehistoric	Cobble Reduction Site	Potentially	Potentially

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact the site. 	Eligible	adverse if determined eligible
CA-SBR-6022	Prehistoric	Cobble Reduction Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #7				
CA-SBR-4198	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-11	Prehistoric	Quarry and Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-9	Prehistoric	Rock Art <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
Segment 4A				
JSA-CS-S-103H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-105H	Historic	Monuments <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-91H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		subsurface deposits at the site.		
JSA-CS-S-92	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-94H	Historic	Road <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-95	Prehistoric	Lithic and Groundstone Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-96	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-97H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
Segment 5A				
26CK3540	Historic	Railroad Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK3541	Historic	Railroad Construction Camp	Eligible	Potentially adverse if not

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 		avoided
26CK5685	Historic	Railroad Grade <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5180	Historic	Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
Sloan Utility Corridor				
Pending survey				
Segment 6A				
26CK5685	Historic	Railroad <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
Option C, Segment 6				
26CK4400	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5353	Historic	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5685	Historic	Railroad <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5694	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for 	Eligible	Potentially adverse if not avoided

Site Number	Period	Description	NRHP Eligibility	Impact
		its eligibility to the NRHP. <ul style="list-style-type: none"> Construction of the proposed alignment may potentially impact the site 		
26CK5729	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
JSA-CS-S-149H	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-169	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-170	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-175	Prehistoric	Rock Shelter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-177H	Historic	Railroad Camp <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-180H	Historic	Cadastral Marker <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-181	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated 	Eligible	Potentially adverse if determined

Site Number	Period	Description	NRHP Eligibility	Impact
		for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site		eligible
JSA-CS-S-183	Prehistoric	Quarry • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site	Eligible	Potentially adverse if determined eligible
JSA-CS-S-185	Prehistoric	Rock shelter • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site	Eligible	Potentially adverse if determined eligible
JSA-CS-S-186	Prehistoric	Trail • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site	Eligible	Potentially adverse if determined eligible
JSA-CS-S-187	Historic	Refuse Deposit • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site	Eligible	Potentially adverse if determined eligible
JSA-CS-S-188	Prehistoric	Quarry • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site	Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #14				
JSA-CS-S-148H	Historic	Refuse Deposit • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact subsurface deposits at the site.	Eligible	Potentially adverse if determined eligible
JSA-CS-S-149H	Historic	Power Transmission Line • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact the site	Eligible	Potentially adverse if determined eligible
Note: * Preliminary recommendations of <i>not eligible</i> for inclusion on the NRHP were based on the results of				

Site Number	Period	Description	NRHP Eligibility	Impact
the field survey, follow-up archival research, and guidance from the NV/BLM Protocol Agreement. California and Nevada SHPO concurrence of these findings is pending.				

Table F2-4. Alternative A: Indirect APE Archaeological Resources

Site Number	Period	Description	NRHP Eligibility	Impact
Segment 1				
JSA-CS-S-11H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-3H	Historic	<p>Mine, Refuse Deposit and Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-4H	Historic	<p>Mine and Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-8H	Historic	<p>Survey Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-KT-S-2H	Historic	<p>Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-KT-S-3H	Historic	<p>Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Victorville Utility Corridor				
Pending survey				
Segment 2A/2B				
JSA-TC-S-29	Prehistoric	Habitation Site	Potentially Eligible	Potentially adverse if determined

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 		eligible
JSA-TC-S-30	Prehistoric	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-33H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-21H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-24H	Historic	<p>Well</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
Segment 2A				
JSA-CS-S-48/H	Historic / Prehistoric	Refuse Deposit and Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-35	Historic	Mine <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-36	Historic	Refuse Deposit and Utility Pole <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-47/H	Historic	Rock Cairn <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-50/H	Historic	<p>Rock Cairn and Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-52H	Historic	<p>Hearth</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-53H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-54H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-55H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-56H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-60/H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-68H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Segment 3A				
CA-SBR-1068	Prehistoric	<p>Trail</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-1074	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		thoroughly documented the surface deposit.		
CA-SBR-5127	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-7689	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-12	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-5	Prehistoric	Food Processing Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
P2284-6	Historic	Town Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
Baker Utility Corridor				
Pending survey				
Segment 4A				
CA-SBR-3048	Historic	Road	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-7689	Historic	Road	Potentially Eligible	Potentially adverse if determined eligible
Segment 5A				
26CK7218	Historic	Road <ul style="list-style-type: none"> This site has been evaluated for 	Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		its eligibility to the NRHP. <ul style="list-style-type: none"> Construction of the proposed alignment may potentially impact the site 		
26CK3825	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
Sloan Utility Corridor				
Pending survey				
Segment 6A				
Option C, Segment 6				
JSA-CS-S-176H	Historic	Railroad Camp <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-178H	Historic	Railroad Dump Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-179H	Historic	Railroad Dump Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-184H	Historic	Cadastral Marker <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
Note: * Preliminary recommendations of <i>not eligible</i> for inclusion on the NRHP were based on the results of the field survey, follow-up archival research, and guidance from the NV/BLM Protocol Agreement. California and Nevada SHPO concurrence of these findings is pending.				

Table F2-5. Alternative B: Direct APE Archaeological Resources

Site Number	Period	Description	NRHP Eligibility	Impact
Segment 1				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-8700H	Historic	Mine, Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9359H	Historic	Mine Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-12H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-16H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-5H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-76H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-7H	Historic	Refuse Deposit	Potentially	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Eligible	if determined eligible
JSA-CS-S-88H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-KT-S-4H	Historic	<p>Hearth</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-19	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9358H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact subsurface deposits at the site. The site has been bulldozed several times and lacks sufficient integrity to warrant inclusion to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-10H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-13H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-14H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-15H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-6H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>line may potentially impact surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-78H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-9H	Historic	<p>Survey Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-20H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed rail line may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-TC-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed rail line may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Victorville Utility Corridor				
Pending survey				
Victorville Station Site 1 Option				
CA-SBR-4411	Historic	<p>Road</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-9360	Historic	<p>Road</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-6H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed station may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-TC-S-7H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
<i>Victorville Station Site 2 Option</i>				
CA-SBR-10315	Historic	<p>Power Transmission Line</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
JSA -TC-S-9H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed station may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		characterized the site and thoroughly documented the surface deposit.		
<i>Victorville OMSF Option 1</i>				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-4411	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6317	Historic	Mine Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6323	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-2H	Historic	Fence Line <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		thoroughly documented the surface deposit.		
JSA-TC-S-3H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
<i>Victorville OMSF Option 2</i>				
JSA-CS-S-74H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-77H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-78H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-79H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-80H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-82H	Historic	<p>Monument</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-83H	Historic	Rock Cairn	Not	Potentially no

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Eligible*	impact if determined not eligible
JSA-CS-S-86H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-87H	Historic	<p>Prospector Pit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-99H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-73H	Historic	<p>Fence Line</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-75H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-76H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-81H	Historic	<p>Refuse Deposit, Road, Rock Cairn</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-84H	Historic	<p>Mining Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-85H	Historic	Prospector Pit, Refuse Deposit	Potentially	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Eligible	if determined eligible
JSA-CS-S-88H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-90H	Historic	Cobble Piles <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed OMSF may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Temporary Construction Easement #1A				
CA-SBR-10315	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Use of the construction easement may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Use of the construction easement may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-12132	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6325	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated 	Potentially Eligible	Potentially adverse if determined

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>for its eligibility to the NRHP.</p> <ul style="list-style-type: none"> • use of the proposed construction easement may potentially impact subsurface deposits at the site. 		eligible
JSA-CS-S-2H	Historic	<p>Fence Line</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-3H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-4H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #1B				
JSA-TC-S-11H	Historic	<p>Habitation Site, Well</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-10H	Historic	<p>Claim Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-TC-S-12H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Segment 2A/2B				
CA-SBR-6793	Historic	<p>Railroad</p> <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
CA-SBR-2294	Prehistoric	<p>Village Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4525	Historic	<p>Road</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4615	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-115	Historic	<p>Monuments</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		the site.		
JSA-CS-S-31/H	Historic / Prehistoric	Rock Cairn and Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-32	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-23	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-31	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-18H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-28	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>suggests that there is no subsurface component present.</p> <ul style="list-style-type: none"> • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-29H	Historic / Prehistoric	<p>Hearth/Rock Circle and Lithic</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-30H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Temporary Construction Easement #4				
CA-SBR-6793	Historic	<p>Railroad</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact the site. 	Eligible	Potentially adverse if not avoided
JSA-TC-S-30	Prehistoric	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-TC-S-31	Prehistoric	<p>Habitation Site</p>	Potentially	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Eligible	if determined eligible
Segment 2B				
JSA-CS-S-102H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-23H	Historic	Habitation Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-26H	Historic	Road <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-34	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-RN-S-5H	Historic	Flume <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-20H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		characterized the site and thoroughly documented the surface deposit.		
JSA-CS-S-21H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-24H	Historic	<p>Refuse Deposit and Roads</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Segment 3B				
CA-SBR-10315	Historic	<p>Power Transmission Line</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-7694	Historic	<p>Power Transmission Line</p> <ul style="list-style-type: none"> • This site has been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact individual stanchions of the transmission line. 	Eligible	Potentially adverse if not avoided
CA-SBR-3694	Prehistoric	<p>Village Site</p> <ul style="list-style-type: none"> • This site has been evaluated for 	Eligible	Potentially adverse if not avoided

Site Number	Period	Description	NRHP Eligibility	Impact
		its eligibility to the NRHP. <ul style="list-style-type: none"> Construction of the proposed alignment may potentially impact the site. 		
CA-SBR-2092	Prehistoric	Cobble Reduction Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2129	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-223	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2340	Historic	Railroad <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2532	Prehistoric	Pottery Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-2591	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-4272	Historic	Spanish Trail <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-5329	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>for its eligibility to the NRHP.</p> <ul style="list-style-type: none"> • Construction of the proposed alignment may potentially impact the site. 		
CA-SBR-541	Prehistoric	<p>Quarry</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-7689	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-885	Prehistoric	<p>Rock alignment</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-12	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-5	Prehistoric	<p>Food Processing Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2262-2H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2271-2	Historic	<p>Town Site</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed construction easement may potentially impact subsurface 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		deposits at the site.		
P2272-2	Prehistoric	<p>Rock Art Area</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2284-6	Historic	<p>Town Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
PSBR-52	Prehistoric	<p>Trail System</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
PSBR-64	Historic	<p>Water Transmission Line</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-124	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-125	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-131	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-133	Prehistoric	<p>Lithic Scatter</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		alignment may potentially impact the site.		
JSA-CS-S-134	Prehistoric	Cobble Reduction Site <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-135	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-136	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-138	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-144H	Historic	Fence line <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-153	Prehistoric	Trail <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-154	Prehistoric	Trail <ul style="list-style-type: none"> This site has not been evaluated 	Potentially Eligible	Potentially adverse if determined

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>for its eligibility to the NRHP.</p> <ul style="list-style-type: none"> • Construction of the proposed alignment may potentially impact the site. 		eligible
JSA-RN-S-7H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-RN-S-8H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-1074	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
CA-SBR-4054/H	Historic / Prehistoric	<p>Refuse Deposit / Groundstone</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-137H	Historic	<p>Power Transmission Line</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> • Construction of the proposed rail line may potentially impact the site. • The post and wires that comprise the transmission lines have been removed and therefore it lacks sufficient integrity to warrant inclusion to the NRHP. 		
JSA-CS-S-146H	Historic	<p>Cadastral Marker</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-43H	Historic	<p>Rock Cairn and Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-44H	Historic	<p>Refuse Deposit and Well</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		characterized the site and thoroughly documented the surface deposit.		
JSA-RN-S-4H	Historic	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Baker Utility Corridor				
Pending survey				
Temporary Construction Easement #6				
CA-SBR-2131	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-6022	Prehistoric	<p>Cobble Reduction Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed construction easement may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #7				
CA-SBR-4198	Prehistoric	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-11	Prehistoric	<p>Quarry and Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Potentially Eligible	Potentially adverse if determined eligible
P2044-9	Prehistoric	<p>Rock Art</p> <ul style="list-style-type: none"> This site has not been evaluated 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>for its eligibility to the NRHP.</p> <ul style="list-style-type: none"> • Use of the proposed construction easement may potentially impact the site. 		
Segment 4B				
CA-SBR-3048	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
CA-SBR-7347	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-104H	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-105H	Historic	<p>Monuments</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-106H	Historic	<p>Rock Cairn and Quarry</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-107H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>alignment may potentially impact surface deposits at the site.</p> <ul style="list-style-type: none"> • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-108H	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-109H	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-110H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-111H	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-112H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-113H	Historic	<p>Road</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-114H	Historic	<p>Rock Alignment</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-116H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		characterized the site and thoroughly documented the surface deposit.		
JSA-CS-S-117H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-121H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-122H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-123H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
Segment 5B				
26CK3540	Historic	Railroad Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK3541	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5685	Historic	Railroad Grade <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK3808	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3822	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3825	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3832	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3833	Prehistoric	Lithic Scatter	Eligible	Potentially adverse

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 		if not avoided
26CK3834	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK5180	Historic	Transmission Line <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK6715	Prehistoric/ Historic	Railroad Construction Camp and Groundstone <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK7166	Prehistoric/ Historic	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK7212	Historic	Road <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK7218	Historic	Road <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
JSA-CS-S-161H	Historic	Habitation Site and Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-162H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
Sloan Utility Corridor				
Pending survey				
Segment 6B (no impact)				
Option C, Segment 6				
26CK4400	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5353	Historic	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5685	Historic	Railroad <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5694	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK5729	Historic	Railroad Construction Camp <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
JSA-CS-S-149H	Historic	Power Transmission Line <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-169	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-170	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-175	Prehistoric	Rock Shelter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-177H	Historic	Railroad Camp <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-180H	Historic	Cadastral Marker <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-181	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-183	Prehistoric	Quarry <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-185	Prehistoric	Rock shelter <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-186	Prehistoric	Trail <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-187	Historic	Refuse Deposit <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-188	Prehistoric	Quarry <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if determined eligible
Temporary Construction Easement #14				
JSA-CS-S-148H	Historic	Refuse Deposit <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact subsurface deposits at the site. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-149H	Historic	Power Transmission Line <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Use of the proposed construction easement may potentially impact the site 	Eligible	Potentially adverse if determined eligible
Note: * Preliminary recommendations of <i>not eligible</i> for inclusion on the NRHP were based on the results of the field survey, follow-up archival research, and guidance from the NV/BLM Protocol Agreement. California and Nevada SHPO concurrence of these findings is pending.				

Table F2-6. Alternative B: Indirect APE Archaeological Resources

Site Number	Period	Description	NRHP Eligibility	Impact
Segment 1				
JSA-CS-S-11H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-3H	Historic	<p>Mine, Refuse Deposit and Rock Cairn</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-4H	Historic	<p>Mine and Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
JSA-CS-S-8H	Historic	<p>Survey Marker</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-KT-S-2H	Historic	<p>Marker</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-KT-S-3H	Historic	<p>Marker</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Victorville Utility Corridor				
Pending survey				
Segment 2A/2B				
JSA-TC-S-29	Prehistoric	Habitation Site	Potentially Eligible	Potentially adverse if determined

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 		eligible
JSA-TC-S-30	Prehistoric	<p>Habitation Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-33H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-21H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-TC-S-24H	Historic	<p>Well</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
Segment 2B				
JSA-CS-S-22H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-27H	Historic	Refuse Deposit <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Segment 3B				
JSA-CS-S-126H	Historic	Construction Refuse Deposit <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-130H	Historic	Well <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-132H	Historic	Rock Cairn <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 		
JSA-CS-S-145H	Historic	<p>Prospector Pit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-151	Prehistoric	<p>Hearth</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-152	Prehistoric	<p>Hearth</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-42H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-46H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-RN-S-3H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>for its eligibility to the NRHP.</p> <ul style="list-style-type: none"> • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 		
JSA-RN-S-6H	Historic	<p>Well</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-RN-S-9H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Potentially Eligible	Potentially adverse if determined eligible
JSA-CS-S-129H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> • This site has been preliminarily evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact surface deposits at the site. • While not formally tested, the surface expression of the site suggests that there is no subsurface component present. • Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
Baker Utility Corridor				
Pending survey				
Segment 4B				
JSA-CS-S-119H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed 	Potentially Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		alignment may potentially impact the site		
Segment 5B				
26CK3820	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3821	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3823	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3824	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK3836	Prehistoric	Lithic Scatter <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK4958	Historic	Road <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site 	Eligible	Potentially adverse if not avoided
26CK7167	Prehistoric	Habitation Site <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if not avoided
26CK7217	Historic	Road and Refuse Deposit <ul style="list-style-type: none"> This site has been evaluated for its eligibility to the NRHP. 	Eligible	Potentially adverse if not avoided

Site Number	Period	Description	NRHP Eligibility	Impact
		<ul style="list-style-type: none"> Construction of the proposed alignment may potentially impact the site 		
JSA-CS-S-160H	Historic	<p>Refuse Deposit</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-163H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-164H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-165H	Historic	<p>Rock Cairn</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no 	Not Eligible*	Potentially no impact if determined not eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		<p>subsurface component present.</p> <ul style="list-style-type: none"> Site recordation adequately characterized the site and thoroughly documented the surface deposit. 		
JSA-CS-S-166H	Historic	<p>Cobble Piles</p> <ul style="list-style-type: none"> This site has been preliminarily evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact surface deposits at the site. While not formally tested, the surface expression of the site suggests that there is no subsurface component present. Site recordation adequately characterized the site and thoroughly documented the surface deposit. 	Not Eligible*	Potentially no impact if determined not eligible
JSA-CS-S-190H	Historic	<p>Railroad Camp</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
Sloan Utility Corridor				
Pending survey				
Segment 6B				
JSA-CS-S-167H	Historic	<p>Cadastral Marker</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site. 	Eligible	Potentially adverse if determined eligible
Option C, Segment 6				
JSA-CS-S-176H	Historic	<p>Railroad Camp</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-178H	Historic	<p>Railroad Dump Site</p> <ul style="list-style-type: none"> This site has not been evaluated for its eligibility to the NRHP. Construction of the proposed alignment may potentially impact 	Eligible	Potentially adverse if determined eligible

Site Number	Period	Description	NRHP Eligibility	Impact
		the site and any subsurface deposits.		
JSA-CS-S-179H	Historic	Railroad Dump Site <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
JSA-CS-S-184H	Historic	Cadastral Marker <ul style="list-style-type: none"> • This site has not been evaluated for its eligibility to the NRHP. • Construction of the proposed alignment may potentially impact the site and any subsurface deposits. 	Eligible	Potentially adverse if determined eligible
<p>Note: * Preliminary recommendations of <i>not eligible</i> for inclusion on the NRHP were based on the results of the field survey, follow-up archival research, and guidance from the NV/BLM Protocol Agreement. California and Nevada SHPO concurrence of these findings is pending.</p>				

APPENDIX F3
ARCHAEOLOGICAL SITE DESCRIPTIONS

APPENDIX F3 – ARCHAEOLOGICAL SITE DESCRIPTIONS

Site Designation	Period	Type	Description
JSA-KT-S-1H	Historic	Survey Marker	Site consists of a survey marker and a rock ring.
JSA-KT-S-2H	Historic	Survey Marker	Site consists of a Bureau of Land Management survey marker, rock cairn and metal post.
JSA-KT-S-3H	Historic	Survey Marker	Site consists of a General Land Office survey marker (1959), rock cairn and metal post.
JSA-KT-S-4H	Historic	Hearth/Rock Circle	Site consists of a historic hearth or rock circle with bone fragments, battery core and can lid.
JSA-TC-S-1H	Historic	Domestic Refuse Deposit	Site consists of a roadside deposited trash scatter measuring 25 feet in diameter and containing cans.
JSA-TC-S-2H	Historic	Domestic Refuse Deposit	Site consists of 2 loci deposited trash scatter. Locus A measures 7m x 6m and contains ceramic sherds, solder top cans, jadeite, milk, and aqua glass fragments and cut cow bow. Locus B measures 4m x 6m and contains solder top cans and clear and brown glass fragments.
JSA-TC-S-3H	Historic	Domestic Refuse Deposit	Site is a roadside deposited trash scatter measuring 7 feet in diameter and containing solder top and sanitary cans and white, amethyst and clear-tending amethyst porcelain fragments.
JSA-TC-S-4H	Historic	Domestic Refuse Deposit	Site consists of a historic trash scatter that includes: various metals, glass Clorox bottle pieces, and wooden frames.
JSA-TC-S-5	Unknown	Rock Cairn	Resource consists of a fallen rock cairn of unknown age or source.
JSA-TC-S-6H	Historic	Domestic Refuse Deposit	Site consists of a historic trash scatter approximately 15ft x 10ft dating from the 1940s or 1950s and contains green and brown glass and cans.
JSA-TC-S-7H	Historic	Domestic Refuse Deposit	Site consists of a deposited trash scatter measuring 10m (N/S) by 8m (E/W) and contains clear decorative and brown glass fragments and cans.
JSA-TC-S-8H	Historic	Domestic Refuse Deposit	Site consists of a deposited trash scatter containing friction top, tuna, beer, church key opened cans, clear and milk glass and porcelain.
JSA-TC-S-9H	Historic	Domestic Refuse Deposit	Site consists of a deposited trash scatter measuring 45ft (E/W) by 20ft (N/S) and containing solder top cans and bottles of various styles.
JSA-TC-S-10H	Historic	Claim Marker	Claim marker consists of a steel pipe and cobble ring with scattered lath stakes and a can in the vicinity.
JSA-TC-S-11H	Historic	Residential Site	Site consists of a well, a wooden structure and deposited trash scatter which includes a sanitary can.
JSA-TC-S-12H	Historic	Domestic Refuse Deposit	Resource consists of a historic refuse deposit with 3 loci. Locus A is a can scatter measuring 15ft in diameter that includes sanitary, solder-top, meat tin, tobacco tin and powder tin cans and brown, green and amethyst glass. Locus B is a milk glass scatter, measuring 25ft in diameter. Locus C is a cobalt, clear and brown glass scatter, measuring 18ft in diameter.
JSA-TC-S-13H	Historic	Survey Marker	Site consists of a survey marker, a discovery marker and a mining marker.
JSA-TC-S-14H	Historic	Well	Site consists of a well with a wooden support structure and a light scattering of solder top and sanitary cans and glass.
JSA-TC-S-15H	Historic	Domestic Refuse Deposit	This resource consists of a historic refuse deposit that includes a can scatter (solder-top, sanitary, tuna and beverage cans) , a milk, clear and brown glass concentration, batteries, a heater and various metal parts
JSA-TC-S-16H	Historic	Rock Cairn	Resource consists of a cobble marker with clear and brown glass bottles.
JSA-TC-S-17H	Historic	Rock Cairn	Resource consists of a cobble marker with lath wood in the vicinity.

Site Designation	Period	Type	Description
JSA-TC-S-18H	Historic	Domestic Refuse Deposit	Site consists of a deposited trash scatter measuring 8ft in diameter and containing solder top, sanitary and beverage cans.
JSA-TC-S-19	Prehistoric	Lithic Scatter	Resource consists of a lithic scatter with two possible hearths eroding out. Scatter includes chalcedony, milky quartz and black porphyritic, flakes and one mano, 2 cores and possible biface tools.
JSA-TC-S-20H	Historic	Residential Site	Resource consists of a historic agricultural site including utility poles, agricultural fields and irrigation.
JSA-TC-S-21H	Historic	Domestic Refuse Deposit	Resource consists of a roadside historic refuse deposit with an isolated prehistoric mano fragment at west end of the deposit.
JSA-TC-S-22/H	Historic / Prehistoric	Domestic Refuse Deposit and Lithic Scatter	Resource consists of a historic refuse deposit measuring 24m (N/S) and 12.5m (E/W) and prehistoric lithic materials which includes several chert flakes.
JSA-TC-S-23	Prehistoric	Habitation Site	Resource consists of a prehistoric habitation site including fire affected rocks along with chert, chalcedony, and jasper flakes, projectile points, groundstone, debitage, charcoal, mano and metate fragments.
JSA-TC-S-24H	Historic	Well	Resource consists of a well with a concrete pad and a well casing.
JSA-TC-S-25	Prehistoric	Habitation Site	Resource consists of a habitation site containing five fire affected rock concentrations, a large burned mammal bone, a scattering of debitage and one pottery sherd.
JSA-TC-S-26	Prehistoric	Habitation Site	Resource consists of a small habitation site that includes a fire affected rock scatter, chert fragment and mano fragment.
JSA-TC-S-27	Prehistoric	Habitation Site	Resource consists of a habitation site that includes approximately 30 or more pottery sherds, an arrow shaft straighter made from sandstone, two whole metates, a modified scoria, various flakes, 100 or more fire affected rocks, a manuport, and a mano.
JSA-TC-S-28/H	Historic / Prehistoric	Domestic Refuse Deposit and Habitation Site	Resource consists of a historic refuse scatter and a prehistoric habitation site containing metate fragments, lithics, mano fragments and tools.
JSA-TC-S-29	Prehistoric	Habitation Site	Resource consists of prehistoric habitation site that cuts across two historic abandoned agricultural fields and includes fire affected rocks and mano fragments.
JSA-TC-S-30	Prehistoric	Habitation Site	Resource consists of a prehistoric habitation site containing various lithics (mano fragments, metate fragments, 1 obsidian and 1 jasper fragment) and ceramics.
JSA-TC-S-31	Prehistoric	Habitation Site	Resource consists of a 2 loci habitation site. Locus A measures 4m (N/S) by 7m (E/W) and contains metate fragments and jasper flakes. Locus B contains fire affected rocks and burned faunal bone.
JSA-CS-S-1H	Historic	Hearth	The site is a historic hearth feature exhibiting some lichen on the exposed surfaces. The feature is comprised of approximately 70 locally collected sub angular gravels and cobbles. The feature is moderately embedded in the soft alluviums that characterize the surface in this area. The rocks lack the definitive fire affected fracturing seen on well used hearths of a prehistoric nature.
JSA-CS-S-2H	Historic	Fence	This feature consists of a primarily northwest/southeast trending fence line. The fence is made up 2½ in. outside diameter threaded pipe used as posts and set vertically every 14 feet. The tops of the posts are heavily battered and split from the hammering process used when they were set in the ground. The fence material consists of approximately 4 ft. high horse with fence followed by a single strand of barbed wire set 10 in. above that. The fence is in relatively good condition with no obvious segments in need of repair.
JSA-CS-S-3H	Historic	Prospector Pit	The site consists of a prospector's pit, a light density refuse deposit, and a rock cairn. The prospector

Site Designation	Period	Type	Description
			pit measures approximately 14 ft in diameter and 3.5 ft in depth. The tailings for the pit are almost exclusively white quartz in the surrounding decomposing granite alluvium comprising the surface expression in the vicinity. The associated rock cairn is just east of the pit.
JSA-CS-S-4H	Historic	Prospector Pit	The site consists of a prospector's pit and a light density refuse deposit. The prospector pit measures approximately 12 ft in diameter and 2.5 ft in depth. The tailings for the pit are dispersed on the west, south, and east side of the pit and are mostly comprised of white quartz. The refuse deposit includes sanitary cans, bimetal can and several sheets of corrugated tin.
JSA-CS-S-5H	Historic	Habitation Site	The site consists of a concrete foundation, rock alignment, domestic refuse and a possible privy. The foundation measures 12 feet by 12 feet and was apparently poured in smaller segments. The rock alignment is 7 ft wide and comprised of locally collected cobbles extending nearly 50 ft in length. Approximately 20 ft west of the foundation is a circular depression 10 ft in diameter. The domestic refuse observed included cone-top beverage cans, china, sanitary cans, amethyst glass as well as modern debris. The site has been subjected to unauthorized collection as well as may have been recently professionally excavated although as of yet not reported. Evidence of both behaviors was present.
JSA-CS-S-6H	Historic	Refuse Deposit	Site consists of two loci of domestic refuse adjacent to several unnamed dirt roads. The two loci are moderately impacted by modern refuse dumping activity but given the soft alluvium in the area may exhibit subsurface potential. Artifacts identified at the site include primarily domestic or residential debris with sanitary cans, all steel beverage cans, bimetal beer cans, ceramics, automotive parts, glass, and brick material.
JSA-CS-S-7H	Historic	Refuse Deposit	The site represents a multiple episode refuse deposit or open opportunistic dump. The site exhibits an unknown amount of dumping episodes with artifacts representing nearly 10 years of historic dumping (1940s-1950) with some modern trash deposits as well. Artifacts observed at the site represent a large diverse assemblage from residential refuse to building materials.
JSA-CS-S-8H	Historic	Survey Marker	The site is a BLM US Cadastral Survey Marker dated 1959. The feature consists of the standard 3¼ in diameter brass cap with text that reads: <p style="text-align: center;">U.S. CADASTRAL SURVEY PENALTY \$250 FOR REMOVAL ¼ S10 S11 T8N R3W 1959 BUREAU OF LAND MANGAMENT</p> The marker is surrounded by a low rock cairn (30 in N/S by 32 E/W in) consisting of three courses of locally collected sub angular cobbles. A 48 in high metal stake is located two ft southwest of the cairn.
JSA-CS-S-9H	Historic	Survey Marker	The site is a BLM US Cadastral Survey Marker dated 1959. The feature consists of the standard 3¼ in diameter brass cap with text that reads: <p style="text-align: center;">U.S. CADASTRAL SURVEY PENALTY \$250 FOR REMOVAL T8N R3W S3 S2 S10 S11</p>

Site Designation	Period	Type	Description
			1959 BUREAU OF LAND MANGAMENT The marker is surrounded by a low rock cairn (36 in diameter) consisting of three courses of locally collected sub angular cobbles. A 48 in high metal stake is located three ft north of the cairn.
JSA-CS-S-10H	Historic	Domestic Refuse Deposit	The site consists of a sparse historic refuse deposit measuring approximately 25ft (E/W) by 30ft (N/S). The artifacts observed at the site include tobacco tins, sanitary, solder-dot, and cone-top beverage cans. Some historic glass and crockery were also recorded. A small amount of modern glass was noted within the site boundary.
JSA-CS-S-11H	Historic	Domestic Refuse Deposit	The site consists of two loci of dense residential refuse containing mostly sanitary, beer, oil, spice, coffee and tobacco cans as well as white ceramic fragments and glass.
JSA-CS-S-12H	Historic	Domestic Refuse Deposit	The resource consists of a light density residential refuse containing glass, coke bottle, thick porcelain dish, red brick, wire hangers, bottle caps, and a pressed metal buckle.
JSA-CS-S-13H	Historic	Domestic Refuse Deposit	The site consists of a disturbed trash deposit measuring 18ft in diameter situated on the north side of an active roadway. The site has been impacted by drainage improvement efforts and subsequent dumping of modern refuse. The recorded artifact assemblage for this site includes cans, clear, brown and green glass, wire and porcelain tea pot fragments.
JSA-CS-S-14H	Historic	Residential Site	Site consists of a concrete foundation and a cinder block structure. The foundation measured 12 ft (SE/NW) by 16 ft (NE/SW) and lacked any superstructure or intact artifact deposit. The one room structure is comprised of four cinder block walls and a chimney but lacked a door or roof. The area is very disturbed with modern trash overlay and graffiti.
JSA-CS-S-15H	Historic	Residential Site	Site consists of two foundations, a sparse refuse deposit, and a rock cairn/property marker. The two concrete foundations are identical in their size (16 ft by 26 ft) and orientation (315 degrees). Foundation A is situated on a low knoll 20 feet higher than Foundation B which is situated at the base of the knoll. The refuse deposit consists exclusively of localized building materials principally around foundation A. Southeast of the foundations was a small 8 cobble rock cairn with a 2 x 2 in post and a brass tag. The tag reads, "LS 2280".
JSA-CS-S-16H	Historic	Domestic Refuse Deposit	The site represents a multiple episode refuse deposit or limited open opportunistic dump. The site exhibits an unknown amount of dumping episodes with artifacts representing possibly 20 years of historic dumping (1930s-1950s) with some modern trash deposits as well. Artifacts observed at the site represent a large diverse assemblage of residential refuse including cone-top, sanitary, solder-dot, and friction top cans, clear, aqua and brown glass, white patterned ceramics, and various other domestic refuse elements.
JSA-CS-S-18H	Historic	Domestic Refuse deposit	Resource consists of a dispersed historic refuse site with two main concentrations located in an old agricultural field. Debris includes amethyst, brown and aqua glass, cast iron stove parts, and two styles of earthenware crockery.
JSA-CS-S-20H	Historic	Domestic Refuse Deposit	Site consists of a 5 loci of contemporaneous historic period refuse, one of which also contained prehistoric artifacts. Historic period refuse included green, clear and Coca-Cola glass, solder dot, sanitary, beer and coffee cans as well as six chert flakes and a metate fragment within Locus C. The prehistoric artifacts were mixed with the historic debris and were obviously thrown out with the rest of the residential debris.
JSA-CS-S-21H	Historic	Domestic Refuse Deposit	The site represents a highly disturbed historic refuse scatter with some modern debris included. The deposit measures approximately 60 ft (E/W) by 55 ft (N/S) and contains milk glass dinner plate, brown and clear glass, clear glaze porcelain, solder top and sanitary cans.

Site Designation	Period	Type	Description
JSA-CS-S-22H	Historic	Domestic Refuse Deposit	Site consists of two discreet loci of historic refuse. Locus A measures 30 ft x 18 ft and Locus B measures 18 ft by 35 ft. The loci appear to be contemporaneous and contain much of the same artifacts including jars with metal lids, clear, brown and green glass, sanitary and solder dot cans.
JSA-CS-S-23H	Historic	Residential Site	Site consists of a large ranch with possible cow processing area. Features at the site include fences, well, incinerator, structural remnants, and piles of cow bones (cut and burned).
JSA-CS-S-24H	Historic	Domestic Refuse Deposit and Roads	Site consists of two north/south trending historic dirt roads with associated road-side dumping episodes. Artifacts identified adjacent to the roads include a large amount of automotive components including spark plugs, piston rings, automotive glass, motor oil cans, and bearings in addition to the normal residential refuse observed along abandoned dirt roads. The residential refuse included solder dot, beverage cans, glass, nails, bricks and wood fragments.
JSA-CS-S-25H	Historic	Domestic Refuse Deposit	Site consists of a domestic refuse scatter measuring 15ft in diameter and bisected by dozer tracks/road. Artifacts include a key, milk glass, numerous clear glass fragments, tuna cans, paint can, and a triangular index card.
JSA-CS-S-26H	Historic	Road	The site consists of a 28ft wide raised road segment called "Mule Canyon Road". The road began as the Borate to Daggett rail line at the turn of the 20 th century. Currently, there are no remnants of the original rail line berm since after the tracks were removed it was transformed and used subsequently as roadway.
JSA-CS-S-27H	Historic	Domestic Refuse Deposit	Site consists of 3 loci domestic refuse scatter. Locus A measures 9ft (N/S) by 16ft (E/W). Locus B measures 15ft in diameter. Locus C measures 18ft (N/S) by 20ft (E/W). Artifacts include metal screens, cow bones, brick, horseshoe nails, clear glazed porcelain, milk jar, aqua glass fragments and bottle fragments.
JSA-CS-S-29/H	Historic / Prehistoric	Hearth and Lithic	Site consists of 2 historic hearth features and a jasper manuport. The hearth features are only modestly imbedded in the desert pavement and are well defined suggesting they are historic period remnants rather than prehistoric. The manuport was determined to have been moved prehistorically due to its degree of varnish, degree of imbedding in the desert pavement, the type of material and the complete absence of other cobbles of similar material in the vicinity. However the manuport lacked any evidence of modification.
JSA-CS-S-30H	Historic	Domestic Refuse Deposit	Site consists of a light density refuse deposit extending down the north face of a developing desert pavement terrace. Artifacts include beer, vegetable sanitary, milk, oil and fruit cans. An intact silver plated "tourist spoon" was identified at the site. The back of the spoon read "ENCO. INC" and the front had a blue cloisonné handle with "MUSEUM OF SCIENCE AND INDUSTRY, CHICAGO, ILL." printed on it.
JSA-CS-S-31/H	Historic / Prehistoric	Rock Cairn and Quarry	The site consists of two historic rock cairns and extensive prehistoric quarry site or tool stone procurement locale. The site contains several outcrops of chalcedony and numerous tested cobbles. Some biface reduction was also present at the site.
JSA-CS-S-32	Prehistoric	Quarry	The site is an extensive prehistoric quarry site or tool stone procurement locale. The site contains several outcrops of chalcedony and numerous tested cobbles. Some biface reduction was also present at the site.
JSA-CS-S-33H	Historic	Domestic Refuse Deposit	The site consists of a 60 ft (E/W) by 12 ft (N/S) deposit of historic period refuse extending down the eastern slope of a small ephemeral drainage. Artifacts identified on site include selenium glass, Hole in Top meat tins, solder dot, and sanitary cans.
JSA-CS-S-34	Prehistoric	Quarry	The site is a prehistoric quarry site or tool stone procurement locale measuring approximately 125 m (NW/SE) and 35m (NE/SW). The site contains several outcrops of chalcedony and numerous tested

Site Designation	Period	Type	Description
			cobbles. Some biface reduction was also present at the site.
JSA-CS-S-36H	Historic	Transmission Line	Site consists of the remnants of an east/west trending utility pole line that has been removed. Currently, the remnants include 12 inch diameter poles cut just above the surface and fragmented clear glass electrical insulators.
JSA-CS-S-37	Prehistoric	Mine	Site consists of a 4 ft diameter prospector's pit at the south end of a limestone outcrop. The spoils material circles the pit extending the site size to approximately 15 ft (N/S) by 8 ft (E/W).
JSA-CS-S-38H	Historic	Rock Cairn	Site consists of 2 collapsed rock cairns on the eastern slope of a low knoll. Rock cairn A is approximately 5½ ft in diameter and Rock Cairn B approximately 4½ ft in diameter.
JSA-CS-S-39H	Historic	Residential Site	Site consists of 6 foundations and associated structural debris such as broken window glass, bolts, nail, wooden table and modern trash. Four of the foundations measured 16 ft (N/S) by 12 ft (E/W), while one foundation measured 20 ft (N/S) by 12 ft (E/W) and another 16 ft (N/S) by 25 ft (E/W).
JSA-CS-S-40H	Historic	Agricultural Site	Site consists of a historic agricultural field with a well and supporting equipment. Remnants of a historic fence line partition off the approximate 40 acre parcel.
JSA-CS-S-42H	Historic	Domestic Refuse Scatter	Site consists of 2 loci domestic refuse scatters containing sanitary, solder top, tobacco meat and meat tin cans.
JSA-CS-S-43H	Historic	Rock Cairn and Domestic Refuse Scatter	Site consists of a large rock cairn and a dispersed refuse deposit consisting almost exclusively of cans. The refuse is spread out along the southerly trending braided streams which dominate the landscape in this area.
JSA-CS-S-44H	Historic	Domestic Refuse Scatter and Well	The site consists of a dispersed historic refuse scatter containing solder dot, hole in cap, and sanitary and a well head. The well has been "closed" with a welded metal plate and the refuse appears to have been bulldozed.
JSA-CS-S-45H	Historic	Residential Site	The site is the remnant of the Marion Mill that was constructed along the Borate to Daggett rail line. The mill was a type of furnace used to process borate ore prior to shipment. Concrete pedestals and refuse deposits containing early twentieth century cans, ceramics and glass remain. The site is bisected by JSA-CS-S-26 (Mule Canyon Road).
JSA-CS-S-46H	Historic	Domestic Refuse Deposit	Site consists of 2 loci domestic refuse scatter. Locus A contains burned faunal bone and melted glass. Locus B contains various types of cans including solder dot and sanitary as well as Coca-Cola bottles, selenium glassware, an old tire, kerosene lamp fragment and a braided cable.
JSA-RN-S-1H	Historic	Residential Site	Site consists of several foundations and vehicle ramp.
JSA-CS-S-48/H	Historic / Prehistoric	Domestic Refuse Deposit and Lithic Scatter	Site consists of a sparse historic refuse deposit that includes hole-in-cap cans within the southerly drainage on site. The prehistoric lithic material observed consists of a core and associated debitage.
JSA-CS-S-49H	Historic	Rock Cairn and Rock Alignment	Site consists of two features, a historic rock alignment and a large rock cairn. The rock alignment feature is comprised of approximately 100 cobbles one course high that measures approximately 7½ ft by 7½ ft. The feature appears as four initials separated by a "+". The letters appear to read "K", "C", "B" and "H". The large rock cairn consists of nearly 200 cobbles and measures approximately 7½ ft in diameter.
JSA-CS-S-50H	Historic	Rock Cairn and Domestic Refuse Deposit	The site is a rock cairn and light density, dispersed refuse deposit. The cairn consists of approximately 40 locally collected sub angular cobbles and measures nearly 5 ft across. The refuse deposit includes brown, clear, and green glass, and sanitary cans Site consists of a rock cairn comprised of approx. 40 cobbles and a can and clear glass deposit. Cans include sanitary and tuna cans and one mason jar.

Site Designation	Period	Type	Description
JSA-CS-S-52H	Historic	Hearth	Site consists of a 3'4" (N/S) by 3'5" (E/W) hearth made of 40 cobbles.
JSA-CS-S-53H	Historic	Refuse Deposit	Site consists of an intermittent can scatter (bimetal pull top, oil can, and sanitary cans) with amethyst glass.
JSA-CS-S-54H	Historic	Rock Cairn	Site consists of one rock cairn with 2'x2' post and a 2nd collapsed cairn.
JSA-CS-S-55H	Historic	Rock Cairn	Site consists of a cairn marker approximately 60m north of an E/W pole line road.
JSA-CS-S-56H	Historic	Residential Site	Site consists of a structure with window glass and window frames and one church key opened can.
JSA-CS-S-57H	Historic	Residential Site	Site consists of a destroyed structure and a cobble rock alignment. Artifacts found include a beer can, beverage cans, brown glass, window glass and asbestos tiles.
JSA-CS-S-58H	Historic	Rock Cairn	Resource consists of a rock cairn with center depression and a 42in high post standing 20ft to the WSW.
JSA-CS-S-60H	Historic	Rock Cairn	Resource consists of 10 cobbles rock cairn with a 4x4 post, standing 36in tall.
JSA-CS-S-61H	Historic	Rock Cairn	Resource consists of a rock cairn 5m north of e/w access road.
JSA-CS-S-62/H	Historic / Prehistoric	Rock Cairn and lithics	Site consists of four rock cairns of different sizes and 2 spoils piles, and a secondary reddish chert flake.
JSA-CS-S-63H	Historic	Rock Cairn and road	Site consists of locally collected sub angular cobbles in a rock cairn and a historic N/S trending 8ft wide mine road.
JSA-CS-S-64H	Historic	Rock Cairn	Site consists of a small rock cairn made up of approx. 10 cobbles and measuring 26in E/W by 30in N/S.
JSA-CS-S-65H	Historic	Rock Cairn	Site consists of a small rock cairn measuring 2ft diameter and made up of approx. 15 cobbles. A small clear glass jar was found 75ft north of cairn.
JSA-CS-S-66H	Historic	Refuse Deposit	Resource consists of a lumber pile which appears to be a waste pile. The wood is of various lengths and sizes. Artifacts include melted drywall, double headed nails, asbestos flooring/tiles and red/mustard yellow chert.
JSA-CS-S-67H	Historic	Rock Cairn	Resource consists of a monument standing 12.5in high made up of a metal pipe and approx. 50 cobbles. 18ft away a 3x2 slot cut "stake" was located.
JSA-CS-S-68H	Historic	Rock Cairn	Site consists of a small rock cairn made up of 10 cobbles measuring 2'10" N/S by 2'5" E/W.
JSA-CS-S-69H	Historic	Rock Cairn	Resource consists of a toppled rock cairn with 2x4x5' stake protruding from the cairn.
JSA-CS-S-70H	Historic	Rock Cairn	Site consists of a collapsed rock cairn one course high made up of approx. 16 cobbles. The cairn measures 2'7" E/W by 2'4" N/S.
JSA-CS-S-71H	Historic	Post	Site consists of a 4x4 47in long post and a 2x4 28in long post presumably associated with a washed out rock cairn.
JSA-CS-S-72H	Historic	Residential Site	Resource consists of a wood structure in the form of a possible outlying bldg. Artifacts include fragments of wood, nails, horseshoe, concrete, window glass, cinder block and scrap metal.
JSA-CS-S-73H	Historic	Fence	Site consists of a historic fence line made up of 3 strand barbed wire with majority of the posts missing.
JSA-CS-S-74H	Historic	Domestic Refuse Deposit	Site consists of a domestic refuse deposit that includes dark green, brown, clear and selenium glass, plain white ceramics, battery part, nails, bricks, lumber, auto parts, and building materials.
JSA-CS-S-75H	Historic	Domestic Refuse Deposit	Site consists of a loose scattering of early 1920s and 1930s hole-in-cap cans with a concentration of 1950s refuse. Concentration measures 19ft N/S by 21ft E/W.
JSA-CS-S-76H	Historic	Habitation Site	Site consists of 2 loci containing window glass, spoon and misc. metal, brown ceramics, amethyst

Site Designation	Period	Type	Description
			glass, excavated pit, lime stone road, dirt and rock mound, fire ring, steel pipe and melted glass burn pile.
JSA-CS-S-77H	Historic	Refuse Deposit	Site consists of a mid to late 1930s deposit including sanitary, solder top, tobacco tin cans, Long Beach Co. glass, china, and a metal spike.
JSA-CS-S-78H	Historic	Refuse Deposit	Site consists of 4 loci 1940-1950s historic refuse deposit that includes solder dot, sanitary, beer, hole-in-cap cans, brown, selenium and clear glass.
JSA-CS-S-79H	Historic	Rock Cairn	Site consists of a 20 cobbles 2 course high rock cairn measuring 36" E/W by 32" N/S and a 4x4 wood post standing 36" high.
JSA-CS-S-80H	Historic	Rock Cairn	Site consists of an approx. 40 cobble rock cairn measuring 36" diameter with a collapsed 4x4x4 post on the ground.
JSA-CS-S-81H	Historic	Refuse Deposit, Road, Rock Cairn	Site consists of a cairn marker, a prospector's pit measuring approx. 5ft in diameter, a dirt road and a historic refuse deposit containing sanitary, coffee and tobacco cans and clear glass.
JSA-CS-S-82H	Historic	Monument	Site consists of a historic marker possibly a grave or a memorial. The marker consists of stacked rock with 2 wood crosses and measures 9ft E/W by 6ft N/S.
JSA-CS-S-83H	Historic	Rock Cairn	Site consists of a rock cairn standing 2-5 courses high with a 2ft diameter and with a 29" tall wooden 4x4 post.
JSA-CS-S-84H	Historic	Mine	Site consists of a 2 loci prospector's pits, with 2 rock cairns, a created flat area, a 12 foot wide road, and spoils piles.
JSA-CS-S-85H	Historic	Mine	Site consists of 3 prospector's pits with one historic beverage can found in the vicinity of the 2nd pit. Two prospector's pits were adjacent to each other. Artifacts include brown, light green, clear, and window glass, and alcohol bottles.
JSA-CS-S-86H	Historic	Rock Cairn	Site consists of a collapsed rock cairn well imbedded in the desert pavement. The cairn measures 58" (N/S) by 37" (E/W) and is comprised of approx. 30 cobbles, one course high.
JSA-CS-S-87H	Historic	Prospector Pit	Site consists of a prospector's pit with 2 spoils piles.
JSA-CS-S-88H	Historic	Refuse Deposit	Site consists of a few scattered cans (beverage and sanitary) and glass (aspirin, brown), a fire ring, structural debris concentration, a small cobble pile, two hold (tie) down stakes and a rock hound cobble reduction pile.
JSA-CS-S-89H	Historic	Road	Site consists of a historic road, 10 feet wide and cobble bladed edges
JSA-CS-S-90H	Historic	Rock Cairn	Site consists of 2 discrete somewhat linear cobble piles spaced 6 feet apart. Southern pile measures 41" (N/S) by 26" (E/W) and northern pile measures 36" (N/S) by 24" (E/W). A crushed beer can and a wooden stake were found in the vicinity.
JSA-CS-S-91H	Historic	Refuse Deposit	Site consists of domestic refuse deposits that include sanitary, solder dot, tuna, oil, meat tin, beverage cans and clear, brown, green glass as well as other various trash deposits.
JSA-CS-S-92	Prehistoric	Lithic Scatter	Site consists of a prehistoric lithic scatter with fire affected rocks, cores, hammerstones, C/H, projectile points, and bifacial core.
JSA-CS-S-94H	Historic	Road	Site consists of a historic road approx. 13'-14' bladed road with approx. 2' wide berms on either side.
JSA-CS-S-95	Prehistoric	Lithics	Site consists of 2 metate fragments and two core metavolcanic fragments. The metate fragments measure 29cm x 15cm x 10cm. The 1st core fragment measures 7cm x 9.3cm x 7.5cm and the 2nd core fragment measures 3.5cm x 2.5cm x 1.8cm.
JSA-CS-S-96	Prehistoric	Lithics	Site consists of a small metavolcanic chipping station that measures 14m x 1m and contains 1 flake,

Site Designation	Period	Type	Description
			1 shatter, and 1 primary flake.
JSA-CS-S-97H	Historic	Refuse Deposit	Site consists of 2 loci refuse deposit. Locus A contains an intact clear bottle with twist cap, clear, green, and brown glass, porcelain and sanitary cone top and oil cans. Locus B contains an old tire, sanitary, oil and milk cans.
JSA-CS-S-99H	Historic	Rock Cairn	Site consists of 2 rock cairns. Cairn 1 measures 3'10" (N/S) by 3' (E/W) and approx. 6" high. Cairn 2 measures 3'6" (N/S) by 3'6" (E/W).
JSA-CS-S-101H	Historic	Berm	Site consists of a low dune berm believed to have been a remnant of the Lake Railroad identified in GLO plat maps.
JSA-CS-S-102H	Historic	Refuse Deposit	Site consists of 7 loci historic refuse deposits that include mostly glass such as amethyst, brown, cobalt, green, clear, milk and selenium glass and other trash (porcelain, metal bits, wires, bolts, caps).
JSA-CS-S-103H	Historic	Residential Site	Site consists of a number of features including 2 pits, water lines, foundations, and dispersed artifact scatters. Artifacts include clear, brown, green, cobalt, milk, blue glass, auto parts, metal parts, nails, ceramic fragments and others.
JSA-CS-S-104H	Historic	Road	Site consists of a possible historic road approx. 11' wide.
JSA-CS-S-105H	Historic	Monuments	Site consists of a dispersed refuse deposit and 3 "C" monuments, all heavily eroded.
JSA-CS-S-106H	Historic	Rock Cairn and Quarry	Site consists of a geologic coring pile, a rock cairn marker and a historic quarrying activity. The rock cairn measures 43" E/W by 48" N/S and stands 3-4 courses high.
JSA-CS-S-107H	Historic	Rock Cairn	Site consists of a rock cairn measuring 37" (N/S) by 30" (E/W) with a 42" long 3x4 redwood post that has fallen over.
JSA-TC-S-32	Prehistoric	Lithics	Site consists of a lithic scatter. Artifacts include sherds, hammerstone and groundstone.
JSA-CS-S-108H	Historic	Road	Site consists of a historic road about 10ft wide and well worn, appears to be almost 2-track.
JSA-CS-S-109H	Historic	Road	Site consists of a historic road.
JSA-CS-S-110H	Historic	Rock Cairn	Site consists of a rock cairn measuring 1'7" diameter and comprised of approx. 30 locally collected cobbles. A "Prince Albert" can was located near the rock cairn.
JSA-CS-S-111H	Historic	Road	Site consists of a historic road measuring approx. 8 to 9 feet wide.
JSA-CS-S-112H	Historic	Rock Cairn	Site consists of a partially toppled rock cairn that consists of approx. 25 cobbles and measures 52" N/S by 48" E/W. A 2x4 heavily weathered wooden post protrudes up to 30" above the rock cairn.
JSA-CS-S-113H	Historic	Road	Site consists of a historic road approx. 8ft wide with no signs of recent use.
JSA-CS-S-114H	Historic	Rock Alignment	Site consists of a 5'10" by 3'10" rock construct/rock alignment made up of approx. 27 cobbles and boulders, standing 2-3 courses high.
JSA-CS-S-115H	Historic	Monuments	Site consists of 6 "C" monuments along old Highway 58
JSA-CS-S-116H	Historic	Rock Cairn	Site consists of a rock cairn measuring 4' N/S by 3' E/W and approx. 2' high.
JSA-CS-S-117H	Historic	Rock Cairn	Site consists of a collapsed rock cairn comprised of approx. 25 cobbles and measuring 45" N/S by 32" E/W and approx. 12" high.
JSA-CS-S-118H	Historic	Rock Cairn	Site consists of a 20 locally collected cobbles rock cairn measuring 40" N/S y 36" E/W, and standing approx. 12" high. A 4x4 post, 40" long has toppled to the north.
JSA-CS-S-119H	Historic	Rock Cairn	Site consists of a 20 locally collected cobbles rock cairn measuring 4' diameter with a 4x4 post lying N/S on the east side of the cairn. A "Prince Albert" can lays 3' north of the cairn.
JSA-CS-S-121H	Historic	Rock Cairn	The site consists of two rock cairn features. Rock Cairn 1 consisted of 19 locally collected cobbles

Site Designation	Period	Type	Description
			and measures 2½ ft (N/S) by 2 ft (E/W). Contained within the southeastern portion of the cairn was a tobacco tin containing a folded piece of paper (due to the age of the paper it was not removed nor could any details be read). A second Rock cairn comprised of 10 cobbles measures approximately 1½ ft (N/S) by 2½ ft (E/W). No artifacts were associated with the second cairn.
JSA-CS-S-122H	Historic	Rock Cairn	The site consists of two rock cairn features. Rock Cairn 1 consisted of 15 locally collected cobbles and measures 2 ft (N/S) by 3½ ft (E/W). The second rock cairn comprised of 9 cobbles measures approximately 1½ ft in diameter.
JSA-CS-S-123H	Historic	Rock Cairn	The site consists of a partially collapsed rock cairn measuring 3 ft (N/S) by 2 ft (E/W). The cairn consists of 15 locally collected angular cobbles. Various tested quartz cobbles are visible around the cairn.
JSA-CS-S-124/H	Historic / Prehistoric	Habitation Site and Refuse Deposit	The site consists of 6 loci of prehistoric activity including core reduction, tool production, hearths, and lithic tools. One prehistoric loci does share its location with a historic refuse deposit consisting of Hole in Cap, solder dot, sanitary cans, aqua, and amethyst glass.
JSA-CS-S-125	Prehistoric	Lithic Scatter	The site is a small dispersed lithic scatter consisting of a core and four flakes. The site measures 2 m (N/S) by 16 m (E/W).
JSA-CS-S-126H	Historic	Habitation Site	The site consists of two foundations measuring 16 ft (N/S) by 24 (E/W). Surrounding the foundations are the fallen wooden walls and roofline of the historic buildings. Refuse in the area suggests a late 1950s to 1960s occupation.
JSA-CS-S-127H	Historic	Refuse Deposit	The site consists of approximately 50 cans including sanitary cans, hole in cap, and solder dot. Also present at the site were fragments from at least three Homer Laughlin plates, clear and amethyst glass.
JSA-CS-S-128H	Historic	Habitation Site	The site consists of a well, foundation, utility poles, fence line, road, refuse deposits, and a partially subterranean structure. The site is relatively sparse but with multiple features within its boundary.
JSA-CS-S-129H	Historic	Refuse Deposit	The site consists primarily of glass (green, cobalt, clear, selenium, brown) as well as crown caps, pot handle, batteries, light bulb base fuses, nails and wood. The refuse deposit has obvious signs of unauthorized collection.
JSA-CS-S-130H	Historic	Well Site	The site consists of a well feature and an adjacent 20 ft (N/S) by 80 ft (E/W) shallow depression possibly used in containing water from the well.
JSA-CS-S-131	Prehistoric	Lithic Scatter	The site is a small sparse lithic scatter measuring 9 m (N/S) by 3 m (E/W). In addition to the debitage, the area has several fragments of <i>anadonta</i> shell. The shell lacks any physical characteristics of being culturally derived.
JSA-CS-S-132H	Historic	Rock Cairn	The site consists of three rock cairn features. Rock Cairn 1 consisted of 40 locally collected cobbles and measures 4½ ft (N/S) by 5½ ft (E/W). Rock Cairn 2 consisted of 14 locally collected cobbles and measures 2½ ft (N/S) by 2½ ft (E/W). Rock Cairn 3 consisted of 15 locally collected cobbles and measures 3 ft (N/S) by 4½ ft (E/W). Situated at the center of Rock Cairn 2 are a 4 by 4 vertical wooden post and a Prince Albert tobacco tin. The tin was filled with sand, but due to the age of the artifact no attempt was made to empty the contents.
JSA-CS-S-133	Prehistoric	Lithic Scatter	The site is a small sparse lithic scatter measuring 3 m (N/S) by 6 m (E/W). In addition to the debitage, <i>anadonta</i> shell is prevalent. The shell lacks any physical characteristics of being culturally derived.
JSA-CS-S-134	Prehistoric	Lithic Scatter	The site is a small sparse lithic scatter measuring 1 m (N/S) by 2 m (E/W). In addition to the debitage a core is present.

Site Designation	Period	Type	Description
JSA-CS-S-135	Prehistoric	Lithic Scatter	The site is an extensive lithic scatter of tested cobbles measuring over 100 m (NW/SE) by 1000 m (NE/SW). Artifacts are visible throughout the desert pavement northwest of the Caltrans Right of way fence line.
JSA-CS-S-136	Prehistoric	Lithic Scatter	The site is a small sparse lithic scatter measuring 3 m (N/S) by 12 m (E/W).
JSA-CS-S-137H	Historic	Transmission Line	Site consists of the remnants of an east/west trending utility pole line that has been removed. Currently, the remnants include 12 inch diameter poles cut just above the surface and fragmented clear glass electrical insulators.
JSA-CS-S-138	Prehistoric	Lithic Scatter	The site is a sparse lithic scatter measuring 35 m (N/S) by 35 m (E/W). The site is bisected by a fiber optic cable line and in fact may be a redeposited site. Many of the artifacts are located within an imported gravel matrix.
JSA-CS-S-144H	Historic	Fence	Site consists of a north/south trending historic barbed wire fence with rail road tie posts.
JSA-CS-S-145H	Historic	Prospector Pit	Site consists of a 5 ft N/S by 6 ft E/W prospectors pit and three associated rock cairns.
JSA-CS-S-146H	Historic	Survey Marker	The site is a U.S. Coast & Geodetic Survey Azimuth marker dated 1952. The feature consists of the standard 3¼ in diameter brass cap with text that reads: <p style="text-align: center;">U.S. COAST & GEODETIC SURVEY AZIMUTH MARK FOR INFORMATION WRITE TO THE DIRECTOR&ltlt WASHINGTON D.C. \$250 FINE OR IMPRISONMENT FOR DISTURBING THIS MARK 1959</p> The marker is cemented into a large outcrop of basalt.
JSA-CS-S-148H	Historic	Refuse Deposit	The site consists of five loci of refuse along a north south trending dirt road.
JSA-CS-S-149H	Historic	Transmission Line	The site is a historic transmission line adjacent to the UPRR railway. Each post is approximately 12 in in diameter and still possesses the glass insulators on the cross arms. Many of the wires are lying on the ground.
JSA-CS-S-150H	Historic	Refuse Deposit	The site consists of three small loci of refuse along an east west trending drainage.
JSA-CS-S-153	Prehistoric	Trail	The site consists of an approximately north/south trending trail leading from the Caltrans ROW fence line to a low dune to the north.
JSA-CS-S-154	Prehistoric	Trail	The site consists of a disturbed approximately north/south trending trail.
JSA-CS-S-160H	Historic	Refuse Deposit	Dense historic glass deposit with a possible privy associated with railroad construction camp.
JSA-CS-S-161H	Historic	Habitation Site	Railroad construction campsite with tent pads, rock cairns, and refuse deposit.
JSA-CS-S-162H	Historic	Habitation Site	Site consists of a railroad construction campsite with refuse deposit, carbon deposits, possible privy, and a collapsed rock oven.
JSA-CS-S-163H	Historic	Rock Cairn	Site consists of a rock cairn and wooden post with no other associated artifacts
JSA-CS-S-164H	Historic	Rock Cairn	Site consists of a rock cairn and wooden post with no other associated artifacts
JSA-CS-S-165H	Historic	Rock Cairn	Site consists of a rock cairn and wooden post with no other associated artifacts
JSA-CS-S-166H	Historic	Cobble piles	JSA-CS-S-166 is comprised of three cobble piles deposited in a northeast to southwest alignment.
JSA-CS-S-167H	Historic	Survey Marker	The site is a BLM US Cadastral Survey Marker dated 1957. The feature consists of the standard 3¼ in diameter brass cap with text that reads: <p style="text-align: center;">U.S. CADASTRAL SURVEY PENALTY \$250 FOR REMOVAL W¼</p>

Site Designation	Period	Type	Description
			T23S R61E C-C S30 1957 BUREAU OF LAND MANGAMENT The marker is surrounded by a low rock cairn consisting of 7 locally collected sub angular cobbles.
JSA-CS-S-168H	Historic	Rock Alignment	The site is comprised of approximately 200 cobbles in a 13.5 ft diameter circle. The center of the feature contains an ashy deposit. No other artifacts were found in association.
JSA-CS-S-169	Prehistoric	Lithic Scatter	The site is a sparse, light density lithic scatter on a low knoll.
JSA-CS-S-170	Prehistoric	Lithic Scatter	The site is a sparse, light density lithic scatter on the westerly slope overlooking a seasonal drainage.
JSA-CS-S-171H	Historic	Cobble Pile	The site is comprised of approximately 200 locally collected cobbles mounded approximately 2 ft high. The feature measures approximately 7.5 ft north/south by 6 ft east/west and also contains modern offerings of exotic minerals. Offerings include sandstone, quartz, obsidian, rhyolite, jasper, gneiss, chert, quartzite, siltstone, hematite, geode, and basalt in the matrix.
JSA-CS-S-175	Prehistoric	Rock shelter	Site is a small rock shelter set into the southern slope of a low knoll. The modest interior measures approximately 2 m deep by 1.8 m wide by 1.5 m high. The apron of the feature contains a light density lithic scatter, fire-affected rock and a mano.
JSA-CS-S-176H	Historic	Habitation Site	Railroad construction campsite with tent pads, rock cairns, and refuse deposits.
JSA-CS-S-177H	Historic	Habitation Site	Railroad construction campsite with a rock structure and refuse deposits.
JSA-CS-S-178H	Historic	Refuse Deposit	The site consists of a 16 ft diameter railroad tie dumpsite.
JSA-CS-S-179H	Historic	Refuse Deposit	The site is a 48 ft northeast/southwest by 20 ft northwest/southeast railroad tie dumpsite.
JSA-CS-S-180H	Historic	Survey Marker	The site is a BLM US Cadastral Survey Marker dated 1957. The feature consists of the standard 3/4 in diameter brass cap with text that reads: U.S. CADASTRAL SURVEY PENALTY \$250 FOR REMOVAL T23S R60E W ¹ / ₁₆ C-C S1 1957 BUREAU OF LAND MANGAMENT The marker is surrounded by a low rock cairn consisting of approximately 25 locally collected sub angular cobbles.
JSA-CS-S-183	Prehistoric	Lithic Scatter	The site is a sparse, light density opportunistic cobble reduction area. The site is located on the southern slope of a limestone outcrop overlooking an east west trending drainage.
JSA-CS-S-184H	Historic	Survey Marker	The site is a BLM US Cadastral Survey Marker dated 1954. The feature consists of the standard 3/4 in diameter brass cap with text that reads: U.S. CADASTRAL SURVEY PENALTY \$250 FOR REMOVAL T23S R60E 1/4 S35

Site Designation	Period	Type	Description
			S2 1954 BUREAU OF LAND MANGAMENT The marker is surrounded by a low rock cairn consisting of locally collected sub angular cobbles.
JSA-CS-S-185	Prehistoric	Rock shelter	Site is a small rock shelter set into the southeastern slope of a limestone hill. The interior measures approximately 2.7 m deep by 1.8 m wide by 0.2 m high with an exterior bordered by the local cobble material. The floor of the shelter appears to have been largely filled by talus material. The apron of the feature contains a light density lithic scatter.
JSA-CS-S-186	Prehistoric	Trail	The site consists of an approximately east/westerly trending trail.
JSA-CS-S-187H	Historic	Habitation Site	Railroad constructions refuse deposit consisting almost exclusively of cans.
JSA-CS-S-188	Prehistoric	Lithic Scatter	The site is a moderately dense opportunistic cobble reduction area with overlapping flaking station loci. The site is located on the southern slope of a limestone outcrop.
JSA-CS-S-189	Prehistoric	Lithic Scatter	The site is a moderately dense opportunistic cobble reduction area with overlapping flaking station loci. The site is located on the northern slope of a limestone outcrop.
JSA-CS-S-190H	Historic	Habitation Site	Railroad construction campsite with possible tent pads, dome oven, and refuse deposits.
JSA-CS-S-191H	Historic	Refuse Deposit	The site is a domestic refuse scatter including beach chairs, shoe fragments, glass, cans, barrel hoops, crockery, and stove parts.
JSA-CS-S-192H	Historic	Refuse Deposit	The site consists of a light density scattering of domestic refuse including condensed milk cans, window pane, ceramics, paint cans, and glass bottle fragments.
JSA-CS-S-193H	Historic	Cairn Marker	Historic 4" by 4" post set vertically in the ground with a partially collapsed rock cairn
JSA-CS-S-194H	Historic	Habitation Site	Site consists of a historic habitation site with remnants of a corral, privy and support structures. Domestic refuse at the site includes china, glass, crockery, canteen, cans, and miscellaneous metal debris.
JSA-CS-S-195H	Historic	Railroad	The site appears to be a remnant of a train loading dock. The feature includes a earthen ramp with railroad tie and rail buttress.
JSA-CS-S-196H	Historic	Habitation Site	The site consists of 3 concrete pads with remnants of floors, walls, fencing, and a well.
JSA-CS-S-198H	Historic	Refuse Deposit	This site is a sparse, scattered area of historic refuse including glass, tire, cans, insulators and unidentified remnants of metal.
26CK1995	Prehistoric	Lithic Scatter	Site is a light density lithic scatter with tools.
26CK3540	Historic	Habitation Site	Railroad construction campsite with tent pads, cinder deposit, and refuse deposits.
26CK3541	Historic	Habitation Site	Railroad construction campsite with tent pads, stone oven, and refuse deposits.
26CK3542	Historic	Railroad	A segment of the historic San Pedro, Los Angeles & Salt Lake Railroad.
26CK4356	Historic	Refuse deposit Bard Siding	Railroad construction refuse in association with the Bard siding.
26CK4400	Historic	Habitation Site	Railroad construction campsite with structural foundations and refuse deposits.
26CK5347	Historic	Refuse Deposit	Site consists of historic refuse including aqua, amethyst, amber glass, railroad spikes and Hole-in-top cans.
26CK5353	Historic	Habitation Site	Railroad construction campsite with tent pads, stone oven, and refuse deposits.
26CK5369	Prehistoric	Lithic Scatter	Site is a small light density lithic procurement site

Site Designation	Period	Type	Description
26CK5374	Prehistoric	Lithic Scatter	The site is comprised of a small light density cobble reduction locus.
26CK5685	Historic	Railroad	The site is the existing historic Union Pacific Railroad.
26CK5694	Historic	Habitation Site	Railroad construction campsite with tent pads, stone ovens, and refuse deposits.
26CK5729	Historic	Habitation Site	Railroad construction campsite with tent pads, hearths, walls, water retention basins, stone ovens, and refuse deposits.
26CK5747	Historic	Refuse Deposit	Site consists of historic refuse including aqua, amethyst, amber glass, blasting caps and a few Hole-in-top cans.
26CK5801	Historic	Berm	This resource consists of a low, linear berm that is likely the remains of a historic water line that once served the railroad construction camps in the area.
26CK6035 H	Historic	Habitation Site	Railroad construction campsite with tent pads, stone ovens, hearths, wagon road, and refuse deposits.
CA-SBR-70	Historic / Prehistoric	Habitation site and Refuse Deposit	The prehistoric habitation includes a variety of bedrock out crops with multiple milling surfaces. The historic component is a dispersed refuse deposit with cans, glass and miscellaneous metal.
CA-SBR-223	Prehistoric	Quarry	The site consists of an extensive prehistoric opportunistic quarry with tested cobbles and limited tool production.
CA-SBR-541	Prehistoric	Quarry	The site consists of an extensive prehistoric opportunistic quarry with tested cobbles and limited tool production.
CA-SBR-885	Prehistoric	Rock Alignments	This site is comprised of several circular rock alignments laid out on an east facing limestone slope.
CA-SBR-1074	Prehistoric	Lithic Scatter	The site consists of a small, sparse lithic scatter.
CA-SBR-2092	Prehistoric	Cobble Reduction site	The site consists of an extensive prehistoric opportunistic quarry with tested cobbles and limited tool production.
CA-SBR-2129	Prehistoric	Quarry	The site consists of an extensive prehistoric opportunistic quarry with tested cobbles and limited tool production.
CA-SBR-2131	Prehistoric	Quarry	The site consists of an extensive prehistoric opportunistic quarry with tested cobbles and limited tool production.
CA-SBR-2294	Historic / Prehistoric	Lithic Scatter and Well	Site consists of a prehistoric lithic scatter (charcoal, fire affected rocks, biface, and flakes) and a historic well and debris (amethyst glass and rusted metal).
CA-SBR-2340H	Historic	Railroad	The site is the remnant of the historic Tonopah-Tidewater railroad grade.
CA-SBR-2532	Prehistoric	Pottery Scatter	Site is a small collection of black on white buff ware.
CA-SBR-2591	Prehistoric	Quarry	The site consists of an extensive prehistoric opportunistic quarry with tested cobbles and limited tool production.
CA-SBR-3048H	Historic	Road	Site is an unnamed historic road.
CA-SBR-3694	Prehistoric	Village Site	Site consists of a prehistoric habitation site with house pits, bedrock milling, petroglyphs, stone features and burials.
CA-SBR-4054/H	Historic / Prehistoric	Refuse Deposit	This is a historic period refuse deposit site with prehistoric metate fragments included.
CA-SBR-4085H	Historic	Railroad	The site is the remnant of the historic narrow gauge Waterloo Mine Railroad. The railroad was built between the Silver King Mine and the Waterloo Mill at Daggett.
CA-SBR-4198	Prehistoric	Habitation Site	Site consists of a large, complex prehistoric habitation site with shell, fire-affected rock, lithics,

Site Designation	Period	Type	Description
			pottery, bone, and groundstone.
CA-SBR-4272H	Historic	Road	The site consists of the remnant of the historic Santa Fe Trail (old Spanish Trail)/Mormon Trail.
CA-SBR-4411H	Historic	Road	The site consists of the remnant of the historic Mormon Trail/ Santa Fe Trail (old Spanish Trail).
CA-SBR-4525H	Historic	Road	The road is the remnant of the historic Barstow to Silver Lake Road (Fort Irwin Road).
CA-SBR-4615	Prehistoric	Quarry	Resource consists of a prehistoric quarry site or tool stone procurement locale. The site contains several outcrops of chalcedony and numerous tested cobbles. Some biface reduction was also present at the site.
CA-SBR-5227	Prehistoric	Habitation site	The prehistoric habitation includes a variety of bedrock out crops with multiple milling surfaces. Milling surfaces include slicks, conical mortar, and cupules.
CA-SBR-5329	Prehistoric	Lithic Scatter	The site consists of a small, sparse lithic scatter adjacent to the National Trails Highway.
CA-SBR-6022	Prehistoric	Quarry	The site consists of an extensive prehistoric opportunistic quarry with tested cobbles and limited tool production.
CA-SBR-6317H	Historic	Quarry	The site is a historic granitic quarry.
CA-SBR-6324H	Historic	Habitation Site	The site consists of a concrete foundation, two concentrations of rock and historic refuse.
CA-SBR-7689H	Historic	Road	The site is the National Trails Highway.
CA-SBR-7694H	Historic	Transmission Line	The site consists of the LADWP-Boulder Dam Transmission Line.
CA-SBR-8700H	Historic	Habitation	Site consists of a historic mining site, with rock cairns, foundations, refuse deposits, and prospector pits.
CA-SBR-9358H	Historic	Habitation	Site consists of a historic homestead with refuse and possible privy. Construction of I-15 and maintenance activities (including bulldozing activities) have significantly damaged the integrity of the site.
CA-SBR-9359H	Historic	Mining Site	The site is the remnant of the Fearnot Mine Complex and consists of trenches, shafts, prospect pits, tent pads, and refuse deposits.
CA-SBR-9360H	Historic	Road	The site consists of the historic Stoddard Wells Road.
CA-SBR-10315H	Historic	Transmission Line	The site consists of the San Bernardino-Boulder Dam Transmission Line.
CA-SBR-10398H	Historic	Road	The site is an unnamed historic road between Elephant Mountain and Calico town site.
CA-SBR-12132H	Historic	Habitation Site	The site consists of three loci and eight features including foundations, reservoirs, and historic refuse.
P-1812-2	Prehistoric	Trail	The resource is a northwesterly/southeasterly trending trail.
P-2044-5	Prehistoric	Food Processing Site	The resource is a prehistoric food processing site.
P-2044-9	Prehistoric	Rock Alignments	This site is comprised of a rectangular rock alignments laid out on an east west facing direction.
P-2044-11	Prehistoric	Quarry and Habitation	This site is comprised of an extensive prehistoric opportunistic quarry with tested cobbles and fire affected rock.
P-2044-12H	Historic	Refuse Deposit	The resource is a historic refuse deposit.
P-2262-2H	Historic	Refuse Deposit	The resource is a historic ranch site with refuse and wells.
P-2271-2H	Historic	Townsite	The site is the remains of the 1930s era town of Yucca Grove.

Site Designation	Period	Type	Description
P-2272-2	Prehistoric	Rock Art Area	Extensive area of prehistoric sites including rock art and first recorded by Malcolm J. Rogers.
P-2284-6H	Historic	Townsite	The site is the remains of the town of Berry.
PSBR-52	Prehistoric	Trail	Site is an extensive network of trails leading to and from the Mojave River.
PSBR-64H	Historic	Transmission Line	The site consists of a historic east/west trending concrete water canal system.

**APPENDIX F4
PALEONTOLOGICAL RESOURCES**

Appendix 1 - UCMP VERTEBRATE FOSSIL LOCALITY SEARCH: MANIX FORMATION

spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov	country_std
V311916	311916	V	Mammalia	Camelops			Pleistocene	Quaternary	RV6735	Manix GTJ 9-3	San Bernardino County	California	United States
V311917	311917	V	Mammalia	Hemiauchenia			Pleistocene	Quaternary	RV6735	Manix GTJ 9-3	San Bernardino County	California	United States
V311918	311918	V	Mammalia	Camelops			Pleistocene	Quaternary	RV6735	Manix GTJ 9-3	San Bernardino County	California	United States
V311919	311919	V	Mammalia	Camelops			Pleistocene	Quaternary	RV6735	Manix GTJ 9-3	San Bernardino County	California	United States
V311920	311920	V	Mammalia	Camelops			Pleistocene	Quaternary	RV6735	Manix GTJ 9-3	San Bernardino County	California	United States
V311921	311921	V	Mammalia	Equus			Pleistocene	Quaternary	RV6735	Manix GTJ 9-3	San Bernardino County	California	United States
V311922	311922	V	Mammalia	Hemiauchenia			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V311923	311923	V	Mammalia	Camelops			Pleistocene	Quaternary	RV6734	Manix GTJ 9-2	San Bernardino County	California	United States
V313633	313633	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V313634	313634	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V313635	313635	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V313636	313636	V	Mammalia	Hemiauchenia			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V313638	313638	V	Mammalia	Equus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V313952	313952	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V313971	313971	V	Mammalia	Mammuthus			Pleistocene	Quaternary	RV69123		San Bernardino County	California	United States
V314547	314547	V	Aves	Phalacrocorax	auritus		Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V314625	314625	V	Mammalia	Smilodon	californicus		Pleistocene	Quaternary	RV7021		San Bernardino County	California	United States
V314635	314635	V	Mammalia	Equus			Pleistocene	Quaternary	RV7051		San Bernardino County	California	United States
V314641	314641	V	Mammalia	Equus			Pleistocene	Quaternary	RV7053		San Bernardino County	California	United States
V314642	314642	V	Mammalia	Equus			Pleistocene	Quaternary	RV7054		San Bernardino County	California	United States
V314649	314649	V	Mammalia	Hemiauchenia			Pleistocene	Quaternary	RV7057		San Bernardino County	California	United States
V314653	314653	V	Mammalia	Hemiauchenia			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V314664	314664	V	Mammalia	Camelops			Pleistocene	Quaternary	RV7054		San Bernardino County	California	United States
V314667	314667	V	Mammalia				Pleistocene	Quaternary	RV7063		San Bernardino County	California	United States
V314669	314669	V	Aves	Phoenicoptes	minutus		Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V314692	314692	V	Mammalia	Equus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V314698	314698	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V314699	314699	V	Mammalia	Equus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V314712	314712	V	Mammalia	Mammuthus			Pleistocene	Quaternary	RV7109		San Bernardino County	California	United States
V314727	314727	V	Mammalia	Equus			Pleistocene	Quaternary	RV6751		San Bernardino County	California	United States
V314736	314736	V	Mammalia	Tanupolama			Pleistocene	Quaternary	RV7139		San Bernardino County	California	United States
V314738	314738	V	Mammalia	Camelops			Pleistocene	Quaternary	RV7140		San Bernardino County	California	United States
V314740	314740	V	Mammalia	Felis	concolor		Pleistocene	Quaternary	RV6736	Manix GTJ 9-4	San Bernardino County	California	United States
V314741	314741	V	Mammalia	Hemiauchenia			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V314744	314744	V	Mammalia	Arctodus			Pleistocene	Quaternary	RV7131		San Bernardino County	California	United States
V314745	314745	V	Mammalia	Equus			Pleistocene	Quaternary	RV6736	Manix GTJ 9-4	San Bernardino County	California	United States
V315660	315660	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315661	315661	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315662	315662	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315663	315663	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315664	315664	V	Mammalia	Camelus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315665	315665	V	Mammalia	Hemiauchenia			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315666	315666	V	Mammalia	Equus			Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315667	315667	V	Aves	Phalacrocorax	auritus		Pleistocene	Quaternary	RV6738		San Bernardino County	California	United States
V315668	315668	V	Reptilia	Clemmys	marmorata		Pleistocene	Quaternary	RV6736	Manix GTJ 9-4	San Bernardino County	California	United States
V315669	315669	V	Aves	Pelecanus			Pleistocene	Quaternary	RV6736	Manix GTJ 9-4	San Bernardino County	California	United States

Appendix 2 - Fossil Locality Search: San Bernadino County Museum

Object No	Taxon Name	Higher Taxa	Stratigraphy	Geography
A1900-3321	Camelidae, Equidae	Mammalia; Artiodactyla; Camelidae, Equidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3322	Hemiauchenia sp.	Mammalia; Artiodactyla; Camelidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3323	?Camelidae	Mammalia; Artiodactyla; Camelidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3324	Camelops sp.	Mammalia; Artiodactyla; Camelidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3325	Camelops sp.	Mammalia; Artiodactyla; Camelidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3326	Artiodactyla, Equidae	Mammalia; Artiodactyla, Perissodactyla; Equidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3327	Equus sp.	Mammalia; Perissodactyla; Equidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3398	cf. <i>Chen rossii</i>	Bivalvia; Veneroida; Veneridae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3399	Equus sp.	Mammalia; Perissodactyla; Equidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3400	Equus sp.	Mammalia; Perissodactyla; Equidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3401	Mammuthus sp.	Mammalia; Proboscidea; Elephantidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
A1900-3402	Mollusca	Mammalia; Proboscidea; Elephantidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
_AE20-704	Camelops hesternus	Mammalia; Artiodactyla; Camelidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
_AE20-705	Camelops hesternus	Mammalia; Artiodactyla; Camelidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California
_AE20-719	Hemiauchenia sp.	Mammalia; Artiodactyla; Camelidae	Pleistocene; Rancholabrean; Manix	San Bernardino County, California



GEOLOGY MUSEUM
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Dr. MARILYN KOOSER
 Museum Scientist

(951) 827-3440
 marilyn.kooser@ucr.edu

DATE: 15 October 2008

TO: James R. Allen for Anna Busing, ICF Jones & Stokes

FROM: Dr. Marilyn Kooser

RE: Fossil locality search: Victorville to Las Vegas along the I15 corridor (no project title or description provided).

A search of our invertebrate fossil locality records has turned up the following sites near the proposed project (assuming that the project is in close proximity to the freeway in most areas). None of the sites are directly affected but might yield information on which geological units have yielded fossils and may need to be monitored during excavation.

Note that the vertebrate fossil collections have been transferred to the Museum of Paleontology at the Berkeley campus and any locality searched for vertebrate sites will have to be directed to them.

CALIFORNIA

Yermo Quadrangle:

UCR 2827 Miocene insects from nodules in the Barstow Fm., Calico Hills, Mule Canyon.

UCR 3971 Miocene insects from nodules in the Barstow Fm., Calico Hills, Mule Canyon.

Barstow area

UCR 4052-V and **UCR 4053-V** No further locality info other than that they are from the Miocene Barstow Formation. The V means vertebrate and since these are cataloged into the invertebrate collection they must have been lower vertebrates, like turtle or fish.

Soda Lake North Quadrangle

UCR 7962 Corals and crinoid columnals from the Permian Bird Springs FM. exposed on the east side of the hill right next to Baker. 35 deg. 14.4 min. North, 116 deg. 2.7 min. West.

Mescal Range Quadrangle

UCR 9102 Silurian *Syringopora* sp. from the Goodsprings Fm., Striped Mtn., NE 1/4 of sec. 12, T15N, R13E, 35 deg. 24.093 min. N., 115 deg. 32.44 min. W.

UCR 9103 Pennsylvanian Bird Springs Fm., *Bellerophon* sp. and *Echinocrinus* sp., Northwest side of Striped Mtn., NE 1/4 sec. 12, T15N, R13E, 35 deg. 24.268 min. N., 115 deg. 32.345 min. W.

NEVADA

Las Vegas NE Quadrangle

UCR 4101 west flank of Frenchman Peak, Early Cambrian Pioche Shale, *Paterina*

prospectensis, *Hyalithes whitei*, meraspid trilobites sp. indet., new trilobite sp., *Mesonacis fremonti*, Oleneloid sp. indet., *Bristolia* sp., *Nephrolenellus* sp., small shelly fossil?.

UCR 7618 west flank of Frenchman Mt., NW 1/4 sec. 24, T20S, R62E, Early Cambrian Pioche Shale, *Biceratops nevadensis*, *Olenellus clarki*, *Mesonacis fremonti*, Olenelloid sp. indet., brachiopod gen. sp. indet., *Olenellus* sp. *gilberti* or *transitans*-like.

UCR 9961 west flank of Frenchman Mt., Early Cambrian Pioche Shale, near boundary between secs. 23 and 24, T20S, R62E, *Nephrolenellus multinodus*, *Olenellus terminatus*.

UCR 9962 west flank of Frenchman Mt., SE 1/4, SE 1/4, sec. 23, T20S, R62E, Early Cambrian Pioche Shale, *Biceratops* sp.

A bill for this locality search will be submitted under separate cover.

Sincerely,

(signed hard copy sent via usps)

Dr. Marilyn Kooser
Senior Museum Scientist
Earth Sciences Department
University of California, Riverside
Riverside, California 92521

Appendix 4 - UCMP VERTEBRATE FOSSIL LOCALITY SEARCH: BARSTOW FORMATION

spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V18534	18534	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V18542	18542	V	Mammalia				Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V18543	18543	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V18544	18544	V	Mammalia				Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V18545	18545	V	Mammalia				Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V18546	18546	V	Mammalia	Brachycrus	laticeps		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V18547	18547	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V18552	18552	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V18553	18553	V	Mammalia	Brachycrus	laticeps		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V18554	18554	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V18599	18599	V	Mammalia	Merychippus	calamarius		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V18600	18600	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V18601	18601	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V18602	18602	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V19398	19398	V	Mammalia	Aelurodon	wheelerianus		Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V19400	19400	V	Mammalia	Tephrocyon			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V19401	19401	V	Mammalia				Miocene	Tertiary	-1404	Rodent Hill	Ba San Bernardino County	California	United States
V19402	19402	V	Mammalia	Paratomarctus	temerarius		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V19455	19455	V	Mammalia	Aelurodon	wheelerianus		Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V19456	19456	V	Mammalia	Aelurodon	wheelerianus		Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V19457	19457	V	Mammalia	Aelurodon	wheelerianus		Miocene	Tertiary	-1400	Rodent Hill	Ba San Bernardino County	California	United States
V19459	19459	V	Mammalia	Tephrocyon	temerarius		Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V19460	19460	V	Mammalia	Tephrocyon	mohavensis		Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V19461	19461	V	Mammalia	Tephrocyon	temerarius		Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V19463	19463	V	Mammalia				Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V19464	19464	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V19465	19465	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V19466	19466	V	Mammalia				Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V19467	19467	V	Mammalia				Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V19468	19468	V	Mammalia				Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V19469	19469	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V19470	19470	V	Mammalia				Miocene	Tertiary	-1404	Rodent Hill	Ba San Bernardino County	California	United States
V19471	19471	V	Mammalia				Miocene	Tertiary	-1404	Rodent Hill	Ba San Bernardino County	California	United States
V19764	19764	V	Mammalia	Parahippus	mourningi		Miocene	Tertiary	-2058	Coon Canyon	San Bernardino County	California	United States
V19800	19800	V	Mammalia				Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V19816	19816	V	Mammalia	Merychippus	calamarius		Miocene	Tertiary	-1406	Pirie's Canyon	San Bernardino County	California	United States
V19817	19817	V	Mammalia	Merychippus			Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V19819	19819	V	Mammalia	Merychippus	calamarius		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V19832	19832	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V19840	19840	V	Mammalia	Parahippus	mourningi		Miocene	Tertiary	-2058	Coon Canyon	San Bernardino County	California	United States
V19919	19919	V	Mammalia	Merychippus	calamarius	stylodus	Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V20027	20027	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V20029	20029	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V20039	20039	V	Mammalia	Merychippus	intermontanus	stylodus	Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V20052	20052	V	Mammalia	Merycodus	coronatus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V20399	20399	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21205	21205	V	Mammalia	Merychippus			Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V21206	21206	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21211	21211	V	Mammalia	Hypohippus			Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V21214	21214	V	Mammalia	Hypohippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21215	21215	V	Mammalia	Hypohippus	affinis		Miocene	Tertiary	-2060	Short Ravine	San Bernardino County	California	United States
V21216	21216	V	Mammalia	Hypohippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21218	21218	V	Mammalia	Dromomeryx			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21219	21219	V	Mammalia	Dromomeryx			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21220	21220	V	Mammalia	Hypohippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21223	21223	V	Mammalia				Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21224	21224	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21228	21228	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21229	21229	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21231	21231	V	Mammalia	Aelurodon	wheelerianus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21350	21350	V	Mammalia	Brachycrus	laticeps		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21352	21352	V	Mammalia				Miocene	Tertiary	-1409	Rainbow Basin	San Bernardino County	California	United States
V21354	21354	V	Mammalia	Brachycrus	laticeps		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21385	21385	V	Mammalia	Merychippus			Miocene	Tertiary	-2058	Coon Canyon	San Bernardino County	California	United States
V21386	21386	V	Mammalia	Merychippus	stylodontus		Miocene	Tertiary	-2058	Coon Canyon	San Bernardino County	California	United States
V21387	21387	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21388	21388	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21389	21389	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21390	21390	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21391	21391	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V21392	21392	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21393	21393	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21394	21394	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21395	21395	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21396	21396	V	Mammalia	Brachycrus	laticeps		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21397	21397	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21398	21398	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V21399	21399	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21400	21400	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V21401	21401	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21402	21402	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21403	21403	V	Mammalia	Merychippus	calamarius		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21404	21404	V	Mammalia	Merychippus	calamarius	stylodus	Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21405	21405	V	Mammalia	Merychippus	calamarius	stylodus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21406	21406	V	Mammalia	Merychippus	calamarius	stylodus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21407	21407	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1397	Stirton Wash	San Bernardino County	California	United States
V21409	21409	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21410	21410	V	Mammalia	Pliohippus	stylodontus	stylodontus	Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21411	21411	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21412	21412	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21413	21413	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21414	21414	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21415	21415	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21416	21416	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21419	21419	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V21420	21420	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V21421	21421	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21422	21422	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21423	21423	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V21424	21424	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21425	21425	V	Mammalia	Protohippus	calamarius	stylodontus	Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V21459	21459	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V21460	21460	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V21461	21461	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V21463	21463	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V21467	21467	V	Mammalia	Hypohippus	calamarius	stylodontus	Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V21468	21468	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V21469	21469	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V21470	21470	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1397	Stirton Wash	San Bernardino County	California	United States
V21485	21485	V	Mammalia	Merycochoerus	buwaldi		Miocene	Tertiary	-1409	Rainbow Basii	San Bernardino County	California	United States
V21486	21486	V	Mammalia	Merycochoerus	buwaldi		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V21487	21487	V	Mammalia	Merycochoerus	buwaldi		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21488	21488	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-2060	Short Ravine	San Bernardino County	California	United States
V21490	21490	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21491	21491	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1406	Pirie's Canyon	San Bernardino County	California	United States
V21499	21499	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21512	21512	V	Mammalia	Tephrocyon	rurestris		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V21513	21513	V	Mammalia	Tephrocyon	rurestris		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21514	21514	V	Mammalia	Tephrocyon	rurestris		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V21515	21515	V	Mammalia	Tephrocyon	rurestris		Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V21516	21516	V	Mammalia	Pseudaelurus	rurestris		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21517	21517	V	Aves	Buteo	rurestris		Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V21549	21549	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V21551	21551	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V21552	21552	V	Mammalia	Aepycamelus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21553	21553	V	Mammalia	Aepycamelus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V21554	21554	V	Mammalia	Aepycamelus	necatus		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V21555	21555	V	Mammalia	Procamelus	necatus		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V21556	21556	V	Mammalia	Plianchenia	necatus		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V21558	21558	V	Mammalia	Plianchenia	necatus		Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V21559	21559	V	Mammalia	Plianchenia	necatus		Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V21562	21562	V	Mammalia	Procamelus	necatus		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21569	21569	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2060	Short Ravine	San Bernardino County	California	United States
V21570	21570	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21571	21571	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V21573	21573	V	Reptilia	Xerobates	mohavense		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V21574	21574	V	Reptilia	Xerobates	milleri		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21575	21575	V	Reptilia	Xerobates	mohavense		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V21776	21776	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1402	Rainbow Basii	San Bernardino County	California	United States
V22370	22370	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V22372	22372	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V22374	22374	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V22439	22439	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V22469	22469	V	Mammalia	Prosthenonops	necatus		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V22474	22474	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1404	Rodent Hill Ba	San Bernardino County	California	United States
V22475	22475	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V22476	22476	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V22477	22477	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V22478	22478	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V22479	22479	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V22480	22480	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V22481	22481	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1404	Rodent Hill Ba	San Bernardino County	California	United States
V22482	22482	V	Mammalia	Procamelus	necatus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V22484	22484	V	Mammalia	Plianchenia	necatus		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V22485	22485	V	Mammalia	Procamelus			Miocene	Tertiary	-2058	Coon Canyon	San Bernardino County	California	United States
V22486	22486	V	Mammalia	Procamelus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22487	22487	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22488	22488	V	Mammalia	Pliuachenia			Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V22489	22489	V	Mammalia	Procamelus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V22490	22490	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22491	22491	V	Mammalia	Procamelus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V22492	22492	V	Mammalia	Procamelus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V22493	22493	V	Mammalia	Aepycamelus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22494	22494	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22495	22495	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22496	22496	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V22497	22497	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V22498	22498	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V22499	22499	V	Mammalia	Merycodus			Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V22500	22500	V	Mammalia	Merycodus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V22501	22501	V	Mammalia	Merycodus			Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V22502	22502	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22503	22503	V	Mammalia	Merycodus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V22504	22504	V	Mammalia	Merycodus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V22505	22505	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V22506	22506	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V22507	22507	V	Mammalia	Merycodus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V23119	23119	V	Mammalia				Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V23120	23120	V	Mammalia				Miocene	Tertiary	-1402	Rainbow Basin	San Bernardino County	California	United States
V23121	23121	V	Mammalia				Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V23122	23122	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V23123	23123	V	Mammalia	Merychippus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V23124	23124	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V23125	23125	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V23129	23129	V	Mammalia	Procamelus			Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V23130	23130	V	Mammalia	Merychippus			Miocene	Tertiary	-1395	Short Ravine :	San Bernardino County	California	United States
V23131	23131	V	Mammalia	Merychippus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V26001	26001	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26002	26002	V	Mammalia	Canis			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26003	26003	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26004	26004	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26005	26005	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26006	26006	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26007	26007	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26010	26010	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26011	26011	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26014	26014	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26015	26015	V	Mammalia	Hesperocamelus	alexandrae		Miocene	Tertiary	V2201	Mourning's	San Bernardino County	California	United States
V26018	26018	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26020	26020	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26781	26781	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V26796	26796	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26798	26798	V	Mammalia	Merycodus	furcatus		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V26800	26800	V	Mammalia	Merycodus	furcatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26801	26801	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26802	26802	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26805	26805	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26833	26833	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26855	26855	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1406	Pirie's Canyon	San Bernardino County	California	United States
V26856	26856	V	Mammalia	Merycodus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V26857	26857	V	Mammalia	Merycodus			Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V26858	26858	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26859	26859	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26860	26860	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26861	26861	V	Mammalia	Merycodus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V26862	26862	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V26863	26863	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26864	26864	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26865	26865	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26866	26866	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V26867	26867	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V26868	26868	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V26869	26869	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V26870	26870	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V26871	26871	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26872	26872	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V26873	26873	V	Mammalia	Merycodus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V26874	26874	V	Mammalia	Merycodus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V26875	26875	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V26876	26876	V	Mammalia	Merycodus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V26877	26877	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V26878	26878	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26879	26879	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26880	26880	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V26881	26881	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V26882	26882	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V26883	26883	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V26884	26884	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V26885	26885	V	Mammalia	Merycodus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V26886	26886	V	Mammalia	Merycodus			Miocene	Tertiary	-2058	Coon Canyon	San Bernardino County	California	United States
V27108	27108	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V27112	27112	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V27127	27127	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V27240	27240	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V27242	27242	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V27243	27243	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V27244	27244	V	Mammalia	Merycodus	necatus		Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V27245	27245	V	Mammalia	Merycodus	furcatus		Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V27333	27333	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1400	Rodent Hill	Ba San Bernardino County	California	United States
V27334	27334	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V27335	27335	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V27336	27336	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V28501	28501	V	Mammalia	Bassariscus	sumichrasti		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28502	28502	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28503	28503	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28504	28504	V	Mammalia	Miochomys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28505	28505	V	Mammalia	Copemys	barstowensis		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28506	28506	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28507	28507	V	Mammalia	Copemys	russelli		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28508	28508	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28509	28509	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28510	28510	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28511	28511	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28512	28512	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28513	28513	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28514	28514	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28515	28515	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28516	28516	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28517	28517	V	Mammalia	Copemys	russelli		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28518	28518	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28519	28519	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28520	28520	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28521	28521	V	Mammalia	Eutamias	ateles		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28522	28522	V	Mammalia	Eutamias	ateles		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28523	28523	V	Mammalia	Eutamias	ateles		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28524	28524	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28525	28525	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28526	28526	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28527	28527	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28528	28528	V	Mammalia	Hypolagus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28529	28529	V	Mammalia	Cupidinihus	halli		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28530	28530	V	Mammalia	Perognathoides	halli		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28531	28531	V	Mammalia	Peridiomys	kelloggi		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28533	28533	V	Mammalia	Perognathoides			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28534	28534	V	Mammalia	Peridiomys			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28535	28535	V	Mammalia	Peridiomys	kelloggi		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28536	28536	V	Mammalia	Peridiomys	kelloggi		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28537	28537	V	Mammalia	Peridiomys	kelloggi		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28538	28538	V	Mammalia	Perognathoides			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28539	28539	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28540	28540	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28541	28541	V	Mammalia	Perognathoides	halli		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28542	28542	V	Mammalia	Diprionomys			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States
V28764	28764	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V28765	28765	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V28766	28766	V	Mammalia				Miocene	Tertiary	-2060	Short Ravine	: San Bernardino County	California	United States
V28767	28767	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V28768	28768	V	Mammalia				Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V28769	28769	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V28770	28770	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V28771	28771	V	Mammalia				Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V28772	28772	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V28773	28773	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V28774	28774	V	Mammalia	Merychippus			Miocene	Tertiary	-1409	Rainbow Basin	San Bernardino County	California	United States
V28775	28775	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V28776	28776	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V28777	28777	V	Mammalia	Merychippus			Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V28778	28778	V	Mammalia	Merychippus			Miocene	Tertiary	-2060	Short Ravine	: San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std	
V28779	28779	V	Mammalia	Merycodus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V28780	28780	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States	
V28781	28781	V	Mammalia	Merychippus			Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States	
V28782	28782	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V28783	28783	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States	
V28784	28784	V	Mammalia	Merychippus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V28785	28785	V	Mammalia	Procamelus			Miocene	Tertiary	-1404	Rodent Hill	Ba San Bernardino County	California	United States	
V28786	28786	V	Mammalia	Procamelus			Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States	
V28787	28787	V	Mammalia	Merychippus			Miocene	Tertiary	-1395	Short Ravine	: San Bernardino County	California	United States	
V29393	29393	V	Mammalia	Merychippus			Miocene	Tertiary	-1400	Rodent Hill	Ba San Bernardino County	California	United States	
V29394	29394	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V29395	29395	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V29396	29396	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V29397	29397	V	Mammalia	Hypohippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V29398	29398	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V29399	29399	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States	
V29484	29484	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V29485	29485	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States	
V29486	29486	V	Mammalia	Merychippus			Miocene	Tertiary	-1400	Rodent Hill	Ba San Bernardino County	California	United States	
V29987	29987	V	Mammalia	Merychippus			Miocene	Tertiary	-2059	Rainbow Basii	San Bernardino County	California	United States	
V30438	30438	V	Aves	Buteo			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States	
V31047	31047	V	Mammalia	Limnoecus	tricuspis		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V31613	31613	V	Aves	Aquila			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V31616	31616	V	Aves	Buteo			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V31617	31617	V	Aves	Teratornis			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V31618	31618	V	Aves	Teratornis			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V31619	31619	V	Aves	Polyborus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V31624	31624	V	Aves	Teratornis			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V31632	31632	V	Aves	Zenaida			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V31633	31633	V	Aves	Zenaida	macroura		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States	
V32137	32137	V	Mammalia	Miochomys	longidens		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32776	32776	V	Mammalia	Pseudaelurus			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32824	32824	V	Mammalia	Paratomarctus	temerarius		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32825	32825	V	Mammalia	Tomarctus	temerarius		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32826	32826	V	Mammalia	Tomarctus	temerarius		Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32827	32827	V	Mammalia				Miocene	Tertiary				California	United States	
V32828	32828	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V32828	32828	V	Mammalia				Miocene	Tertiary	-1400	Rodent Hill	Ba San Bernardino County	California	United States	
V32859	32859	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32860	32860	V	Mammalia	Perognathoides			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32862	32862	V	Mammalia	Perognathoides			Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V32863	32863	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill	Ba San Bernardino County	California	United States	
V33563	33563	V	Mammalia	Merychippus			Miocene	Tertiary	V3727	Fullers Earth	(San Bernardino County	California	United States	
V33564	33564	V	Mammalia	Merychippus			Miocene	Tertiary	V3728	Fullers Earth	(San Bernardino County	California	United States	
V33565	33565	V	Mammalia	Merychippus			Miocene	Tertiary	V3729	Rodent Hill	Ba San Bernardino County	California	United States	
V33566	33566	V	Mammalia	Merychippus			Miocene	Tertiary	V3730	Hell Gate	Bas San Bernardino County	California	United States	
V33567	33567	V	Mammalia	Merychippus			Miocene	Tertiary	V3731	Collision Ridg	San Bernardino County	California	United States	
V33568	33568	V	Mammalia	Merychippus			Miocene	Tertiary	V3731	Collision Ridg	San Bernardino County	California	United States	
V34015	34015	V	Mammalia	Pliohippus			Miocene	Tertiary		-1307	Barstow Gene	San Bernardino County	California	United States
I34178	34178	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	B934		San Bernardino County	California	United States	
I34179	34179	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	B934		San Bernardino County	California	United States	
I34180	34180	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	B934		San Bernardino County	California	United States	
I34181	34181	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	B934		San Bernardino County	California	United States	
I34182	34182	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	B934		San Bernardino County	California	United States	
I34183	34183	I	Gastropoda	Craterarion	pachyostraccon		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34184	34184	I	Bivalvia	Gonidea	sp.		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34185	34185	I	Gastropoda	Helminthoglypta	alfi		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34186	34186	I	Gastropoda	Helminthoglypta	alfi		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34187	34187	I	Gastropoda	Helminthoglypta	alfi		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34188	34188	I	Gastropoda	Helminthoglypta	alfi		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34189	34189	I	Gastropoda	Helminthoglypta	alfi		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34190	34190	I	Gastropoda	Lymnaea	meGasoma		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34191	34191	I	Gastropoda	Lymnaea	meGasoma		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34192	34192	I	Gastropoda	Lymnaea	meGasoma		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34193	34193	I	Gastropoda	Lymnaea	meGasoma		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34194	34194	I	Gastropoda	Lymnaea	mohaveana		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34195	34195	I	Gastropoda	Lymnaea	mohaveana		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34196	34196	I	Gastropoda	Lymnaea	mohaveana		Miocene	Tertiary	B933		San Bernardino County	California	United States	
I34197	34197	I	Gastropoda	Lymnaea	mohaveana		Miocene	Tertiary	B933		San Bernardino County	California	United States	
V34353	34353	V	Mammalia	Merychippus			Miocene	Tertiary		-2060	Short Ravine	: San Bernardino County	California	United States
V34354	34354	V	Mammalia	Merychippus			Miocene	Tertiary		-2060	Short Ravine	: San Bernardino County	California	United States
V34355	34355	V	Mammalia	Merychippus			Miocene	Tertiary	-1395	Short Ravine	: San Bernardino County	California	United States	
V34356	34356	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States	
V34357	34357	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States	
V34358	34358	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States	
V34359	34359	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States	
V34360	34360	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	
V34361	34361	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States	

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V34362	34362	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V34364	34364	V	Mammalia	Merychippus			Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V34365	34365	V	Mammalia	Merychippus			Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V34366	34366	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V34367	34367	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V35284	35284	V	Mammalia	Merychippus			Miocene	Tertiary	V3846	Stirton Wash	San Bernardino County	California	United States
V35285	35285	V	Mammalia	Merychippus			Miocene	Tertiary	V3846	Stirton Wash	San Bernardino County	California	United States
V35286	35286	V	Mammalia	Merycodus			Miocene	Tertiary	V3841	Rodent Hill Ba	San Bernardino County	California	United States
V35287	35287	V	Mammalia	Merychippus			Miocene	Tertiary	V3845	Stirton Wash	San Bernardino County	California	United States
V35288	35288	V	Mammalia	Merycodus			Miocene	Tertiary	V3845	Stirton Wash	San Bernardino County	California	United States
V35289	35289	V	Mammalia	Copemys	russelli		Miocene	Tertiary	V3840	Rodent Hill Ba	San Bernardino County	California	United States
V35290	35290	V	Mammalia	Merycodus			Miocene	Tertiary	V3842	Rodent Hill Ba	San Bernardino County	California	United States
V35291	35291	V	Mammalia	Aelurodon			Miocene	Tertiary	V3846	Stirton Wash	San Bernardino County	California	United States
V35292	35292	V	Mammalia	Merychippus			Miocene	Tertiary	V3844	Stirton Wash	San Bernardino County	California	United States
V35293	35293	V	Mammalia	Merychippus			Miocene	Tertiary	V3853	Stirton Wash	San Bernardino County	California	United States
V35294	35294	V	Mammalia	Aelurodon			Miocene	Tertiary	V3849	Carnivore Bas	San Bernardino County	California	United States
V35295	35295	V	Mammalia	Aelurodon			Miocene	Tertiary	V3851	Carnivore Bas	San Bernardino County	California	United States
V35296	35296	V	Mammalia	Merychippus			Miocene	Tertiary	V3851	Carnivore Bas	San Bernardino County	California	United States
V35297	35297	V	Mammalia	Merychippus			Miocene	Tertiary	V3843	Stirton Wash	San Bernardino County	California	United States
V35298	35298	V	Mammalia	Merycodus			Miocene	Tertiary	V3843	Stirton Wash	San Bernardino County	California	United States
V35299	35299	V	Mammalia	Merychippus			Miocene	Tertiary	V3848	Short Ravine	San Bernardino County	California	United States
V35300	35300	V	Mammalia	Merychippus			Miocene	Tertiary	V3852	Short Ravine	San Bernardino County	California	United States
V35301	35301	V	Mammalia	Merychippus			Miocene	Tertiary	V3850	Carnivore Bas	San Bernardino County	California	United States
V35302	35302	V	Mammalia	Merychippus			Miocene	Tertiary	V3848	Short Ravine	San Bernardino County	California	United States
V35303	35303	V	Mammalia	Merychippus			Miocene	Tertiary	V3848	Short Ravine	San Bernardino County	California	United States
V35304	35304	V	Mammalia	Merycodus			Miocene	Tertiary	V3839	Collision Ridg	San Bernardino County	California	United States
V35305	35305	V	Mammalia	Merycodus			Miocene	Tertiary	V3848	Short Ravine	San Bernardino County	California	United States
V35306	35306	V	Mammalia	Merychippus			Miocene	Tertiary	V3850	Carnivore Bas	San Bernardino County	California	United States
V35307	35307	V	Mammalia	Merychippus			Miocene	Tertiary	V3847	Short Ravine	San Bernardino County	California	United States
V35308	35308	V	Mammalia	Vulpes			Miocene	Tertiary	V3847	Short Ravine	San Bernardino County	California	United States
V35309	35309	V	Mammalia	Merychippus			Miocene	Tertiary	V3848	Short Ravine	San Bernardino County	California	United States
V35310	35310	V	Mammalia	Merychippus			Miocene	Tertiary	V3730	Hell Gate Bas	San Bernardino County	California	United States
V35311	35311	V	Mammalia	Merycodus			Miocene	Tertiary	V3840	Rodent Hill Ba	San Bernardino County	California	United States
V35312	35312	V	Mammalia	Merychippus			Miocene	Tertiary	V3731	Collision Ridg	San Bernardino County	California	United States
V35313	35313	V	Mammalia	Merycodus			Miocene	Tertiary	V3849	Carnivore Bas	San Bernardino County	California	United States
V35394	35394	V	Mammalia				Miocene	Tertiary	V3849	Carnivore Bas	San Bernardino County	California	United States
V35396	35396	V	Reptilia				Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V35397	35397	V	Mammalia	Hypolagus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V35402	35402	V	Mammalia	Aelurodon			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35403	35403	V	Mammalia	Tomarctus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35404	35404	V	Mammalia	Tomarctus			Miocene	Tertiary	-2060	Short Ravine	San Bernardino County	California	United States
V35405	35405	V	Mammalia	Tomarctus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V35406	35406	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35407	35407	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35408	35408	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35409	35409	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35410	35410	V	Mammalia	Merychippus			Miocene	Tertiary	-1404	Rodent Hill Ba	San Bernardino County	California	United States
V35411	35411	V	Mammalia	Hipparion	forcei		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V35412	35412	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35413	35413	V	Mammalia	Merychippus			Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States
V35415	35415	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35416	35416	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V35417	35417	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35418	35418	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35419	35419	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35420	35420	V	Mammalia	Canis			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35421	35421	V	Mammalia	Hypohippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35422	35422	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V35423	35423	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35424	35424	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35425	35425	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V35426	35426	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35427	35427	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35428	35428	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35429	35429	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35430	35430	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35431	35431	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35432	35432	V	Mammalia	Merychippus			Miocene	Tertiary	V3840	Rodent Hill Ba	San Bernardino County	California	United States
V35433	35433	V	Mammalia	Merychippus			Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V35434	35434	V	Mammalia	Merychippus			Miocene	Tertiary	-1402	Rainbow Basii	San Bernardino County	California	United States
V35435	35435	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35436	35436	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V35445	35445	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V35446	35446	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35447	35447	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V35489	35489	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V35530	35530	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V78626	78626	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65134	Eureka Quarry	San Bernardino County	California	United States
V78627	78627	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78628	78628	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78629	78629	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78630	78630	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78631	78631	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78632	78632	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78633	78633	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78634	78634	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78635	78635	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78636	78636	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78637	78637	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65147	Rodent Hill Ba	San Bernardino County	California	United States
V78638	78638	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65149	Carnivore Car	San Bernardino County	California	United States
V78771	78771	V	Mammalia	Monosaulax	pansus		Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V78772	78772	V	Mammalia	Monosaulax	pansus		Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V78773	78773	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V78774	78774	V	Mammalia	Paradomnina	relictus		Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V78863	78863	V	Mammalia	Mojavemys	lophatus		Miocene	Tertiary	V3849	Carnivore Bas	San Bernardino County	California	United States
V78894	78894	V	Mammalia	Parapliosaccomys			Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V78895	78895	V	Mammalia	Parapliosaccomys			Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V78896	78896	V	Mammalia	Parapliosaccomys			Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V78897	78897	V	Mammalia	Parapliosaccomys			Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V79001	79001	V	Mammalia	Gomphotherium			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V79002	79002	V	Aves				Miocene	Tertiary	V3849	Carnivore Bas	San Bernardino County	California	United States
V79003	79003	V	Mammalia	Hypolagus			Miocene	Tertiary	V3849	Carnivore Bas	San Bernardino County	California	United States
V79004	79004	V	Mammalia	Merychippus			Miocene	Tertiary	V3849	Carnivore Bas	San Bernardino County	California	United States
V79005	79005	V	Mammalia				Miocene	Tertiary	V3845	Stirton Wash	San Bernardino County	California	United States
V79006	79006	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V79007	79007	V	Osteichthyes				Miocene	Tertiary	V5253	Barstow Lake	San Bernardino County	California	United States
V79008	79008	V	Reptilia				Miocene	Tertiary	V5253	Barstow Lake	San Bernardino County	California	United States
V79009	79009	V	Mammalia	Merychippus			Miocene	Tertiary	V5253	Barstow Lake	San Bernardino County	California	United States
V79010	79010	V	Mammalia				Miocene	Tertiary	V5253	Barstow Lake	San Bernardino County	California	United States
V79011	79011	V	Mammalia	Merycodus			Miocene	Tertiary	V5253	Barstow Lake	San Bernardino County	California	United States
V79012	79012	V	Amphibia				Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V79013	79013	V	Reptilia				Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V79014	79014	V	Aves				Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V79015	79015	V	Mammalia				Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V79016	79016	V	Mammalia				Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V79017	79017	V	Mammalia	Hypolagus			Miocene	Tertiary	V5757	Hemicyon Qu	San Bernardino County	California	United States
V79018	79018	V	Mammalia				Miocene	Tertiary	V5757	Hemicyon Qu	San Bernardino County	California	United States
V79019	79019	V	Mammalia	Merychippus			Miocene	Tertiary	V5757	Hemicyon Qu	San Bernardino County	California	United States
V79020	79020	V	Mammalia				Miocene	Tertiary	V5758	Easter Quarry	San Bernardino County	California	United States
V79021	79021	V	Mammalia	Merycodus			Miocene	Tertiary	V5758	Easter Quarry	San Bernardino County	California	United States
V79022	79022	V	Mammalia				Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V79023	79023	V	Mammalia	Merycodus			Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V79024	79024	V	Osteichthyes				Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V79025	79025	V	Amphibia				Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V79026	79026	V	Aves				Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V79028	79028	V	Mammalia				Miocene	Tertiary	V5881	Alf Quarry 5	San Bernardino County	California	United States
V79029	79029	V	Mammalia	Merycodus			Miocene	Tertiary	V5881	Alf Quarry 5	San Bernardino County	California	United States
V79030	79030	V	Reptilia				Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79031	79031	V	Aves				Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79032	79032	V	Mammalia	Lanthanotherium	sawini		Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79033	79033	V	Mammalia	Tamias	ateles		Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79034	79034	V	Mammalia	Cupidinimus	nebraskensis		Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79035	79035	V	Mammalia	Mojavemys	lophatus		Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79036	79036	V	Mammalia				Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79037	79037	V	Mammalia	Merychippus			Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79038	79038	V	Mammalia				Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79039	79039	V	Mammalia	Merycodus			Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V79040	79040	V	Osteichthyes				Miocene	Tertiary	V6448	Carnivore Car	San Bernardino County	California	United States
V79041	79041	V	Amphibia				Miocene	Tertiary	V6448	Carnivore Car	San Bernardino County	California	United States
V79042	79042	V	Mammalia				Miocene	Tertiary	V6448	Carnivore Car	San Bernardino County	California	United States
V79043	79043	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6448	Carnivore Car	San Bernardino County	California	United States
V79044	79044	V	Mammalia	Merychippus			Miocene	Tertiary	V6448	Carnivore Car	San Bernardino County	California	United States
V79045	79045	V	Mammalia	Merycodus			Miocene	Tertiary	V6448	Carnivore Car	San Bernardino County	California	United States
V79046	79046	V	Amphibia				Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79047	79047	V	Reptilia				Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79048	79048	V	Reptilia				Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79049	79049	V	Aves				Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79050	79050	V	Mammalia				Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79051	79051	V	Mammalia	Megahippus			Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79052	79052	V	Mammalia	Merychippus			Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79053	79053	V	Mammalia				Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79054	79054	V	Mammalia	Merycodus			Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V79055	79055	V	Aves				Miocene	Tertiary	V6450	Fullers Earth (San Bernardino County	California	United States
V79056	79056	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6450	Fullers Earth (San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V79057	79057	V	Mammalia				Miocene	Tertiary	V6450	Fullers Earth (San Bernardino County	California	United States	
V79058	79058	V	Mammalia	Merychippus			Miocene	Tertiary	V6450	Fullers Earth (San Bernardino County	California	United States	
V79059	79059	V	Mammalia				Miocene	Tertiary	V6450	Fullers Earth (San Bernardino County	California	United States	
V79060	79060	V	Mammalia	Merycodus			Miocene	Tertiary	V6450	Fullers Earth (San Bernardino County	California	United States	
V79061	79061	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6451	Carnivore Car San Bernardino County	California	United States	
V79062	79062	V	Mammalia	Gomphotherium			Miocene	Tertiary	V6451	Carnivore Car San Bernardino County	California	United States	
V79063	79063	V	Mammalia	Merychippus			Miocene	Tertiary	V6451	Carnivore Car San Bernardino County	California	United States	
V79064	79064	V	Mammalia				Miocene	Tertiary	V6451	Carnivore Car San Bernardino County	California	United States	
V79065	79065	V	Mammalia	Merycodus			Miocene	Tertiary	V6451	Carnivore Car San Bernardino County	California	United States	
V79066	79066	V	Mammalia				Miocene	Tertiary	V6452	Carnivore Car San Bernardino County	California	United States	
V79067	79067	V	Mammalia	Merychippus			Miocene	Tertiary	V6452	Carnivore Car San Bernardino County	California	United States	
V79068	79068	V	Mammalia	Merycodus			Miocene	Tertiary	V6452	Carnivore Car San Bernardino County	California	United States	
V79069	79069	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6453	Fault-Crossed San Bernardino County	California	United States	
V79070	79070	V	Mammalia				Miocene	Tertiary	V6453	Fault-Crossed San Bernardino County	California	United States	
V79071	79071	V	Mammalia	Merycodus			Miocene	Tertiary	V6453	Fault-Crossed San Bernardino County	California	United States	
V79072	79072	V	Mammalia	Bassariscus			Miocene	Tertiary	V6454	Carnivore Car San Bernardino County	California	United States	
V79073	79073	V	Mammalia	Merychippus			Miocene	Tertiary	V6454	Carnivore Car San Bernardino County	California	United States	
V79074	79074	V	Mammalia				Miocene	Tertiary	V6454	Carnivore Car San Bernardino County	California	United States	
V79075	79075	V	Mammalia	Merycodus			Miocene	Tertiary	V6454	Carnivore Car San Bernardino County	California	United States	
V79076	79076	V	Mammalia	Merychippus			Miocene	Tertiary	V6455	Carnivore Car San Bernardino County	California	United States	
V79077	79077	V	Mammalia				Miocene	Tertiary	V6455	Carnivore Car San Bernardino County	California	United States	
V79078	79078	V	Mammalia	Merycodus			Miocene	Tertiary	V6455	Carnivore Car San Bernardino County	California	United States	
V79079	79079	V	Mammalia				Miocene	Tertiary	V6456	Fault-Crossed San Bernardino County	California	United States	
V79080	79080	V	Mammalia	Merycodus			Miocene	Tertiary	V6456	Fault-Crossed San Bernardino County	California	United States	
V79081	79081	V	Mammalia	Merycodus			Miocene	Tertiary	V6457	Fault-Crossed San Bernardino County	California	United States	
V79082	79082	V	Aves				Miocene	Tertiary	V6458	Carnivore Car San Bernardino County	California	United States	
V79083	79083	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6458	Carnivore Car San Bernardino County	California	United States	
V79084	79084	V	Mammalia	Merychippus			Miocene	Tertiary	V6458	Carnivore Car San Bernardino County	California	United States	
V79085	79085	V	Mammalia	Merychippus			Miocene	Tertiary	V6459	Carnivore Car San Bernardino County	California	United States	
V79086	79086	V	Mammalia				Miocene	Tertiary	V6459	Carnivore Car San Bernardino County	California	United States	
V79087	79087	V	Mammalia	Merycodus			Miocene	Tertiary	V6459	Carnivore Car San Bernardino County	California	United States	
V79088	79088	V	Mammalia	Merychippus			Miocene	Tertiary	V6460	Fault-Crossed San Bernardino County	California	United States	
V79089	79089	V	Mammalia	Merycodus			Miocene	Tertiary	V6460	Fault-Crossed San Bernardino County	California	United States	
V79090	79090	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6461	Carnivore Car San Bernardino County	California	United States	
V79091	79091	V	Mammalia	Merychippus			Miocene	Tertiary	V6461	Carnivore Car San Bernardino County	California	United States	
V79092	79092	V	Mammalia				Miocene	Tertiary	V6461	Carnivore Car San Bernardino County	California	United States	
V79093	79093	V	Mammalia	Merycodus			Miocene	Tertiary	V6461	Carnivore Car San Bernardino County	California	United States	
V79094	79094	V	Reptilia				Miocene	Tertiary	V6462	Carnivore Car San Bernardino County	California	United States	
V79095	79095	V	Mammalia				Miocene	Tertiary	V6462	Carnivore Car San Bernardino County	California	United States	
V79096	79096	V	Aves				Miocene	Tertiary	V6463	Stirton Wash San Bernardino County	California	United States	
V79097	79097	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6463	Stirton Wash San Bernardino County	California	United States	
V79098	79098	V	Mammalia	Merychippus			Miocene	Tertiary	V6463	Stirton Wash San Bernardino County	California	United States	
V79099	79099	V	Mammalia	Merycodus			Miocene	Tertiary	V6463	Stirton Wash San Bernardino County	California	United States	
V79100	79100	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6464	Stirton Wash San Bernardino County	California	United States	
V79101	79101	V	Mammalia				Miocene	Tertiary	V6464	Stirton Wash San Bernardino County	California	United States	
V79102	79102	V	Mammalia	Merycodus			Miocene	Tertiary	V6464	Stirton Wash San Bernardino County	California	United States	
V79103	79103	V	Mammalia	Gomphotherium			Miocene	Tertiary	V6464	Stirton Wash San Bernardino County	California	United States	
V79104	79104	V	Mammalia	Lanthanotherium	sawini		Miocene	Tertiary	V65130	Rodent Hill Ba San Bernardino County	California	United States	
V79105	79105	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V65130	Rodent Hill Ba San Bernardino County	California	United States	
V79106	79106	V	Mammalia	Merychippus			Miocene	Tertiary	V65130	Rodent Hill Ba San Bernardino County	California	United States	
V79107	79107	V	Mammalia				Miocene	Tertiary	V65130	Rodent Hill Ba San Bernardino County	California	United States	
V79108	79108	V	Mammalia	Merycodus			Miocene	Tertiary	V65130	Rodent Hill Ba San Bernardino County	California	United States	
V79109	79109	V	Reptilia				Miocene	Tertiary	V65131	Rodent Hill Ba San Bernardino County	California	United States	
V79110	79110	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V65131	Rodent Hill Ba San Bernardino County	California	United States	
V79111	79111	V	Mammalia	Tomarctus			Miocene	Tertiary	V65131	Rodent Hill Ba San Bernardino County	California	United States	
V79112	79112	V	Mammalia	Merycodus			Miocene	Tertiary	V65131	Rodent Hill Ba San Bernardino County	California	United States	
V79113	79113	V	Amphibia				Miocene	Tertiary	V65132	Stirton Wash San Bernardino County	California	United States	
V79114	79114	V	Aves				Miocene	Tertiary	V65132	Stirton Wash San Bernardino County	California	United States	
V79115	79115	V	Mammalia	Merychippus			Miocene	Tertiary	V65132	Stirton Wash San Bernardino County	California	United States	
V79116	79116	V	Mammalia	Merycodus			Miocene	Tertiary	V65132	Stirton Wash San Bernardino County	California	United States	
V79117	79117	V	Mammalia				Miocene	Tertiary	V65133	Stirton Wash San Bernardino County	California	United States	
V79118	79118	V	Mammalia	Merycodus			Miocene	Tertiary	V65133	Stirton Wash San Bernardino County	California	United States	
V79119	79119	V	Aves				Miocene	Tertiary	V65134	Eureka Quarry San Bernardino County	California	United States	
V79120	79120	V	Mammalia				Miocene	Tertiary	V65134	Eureka Quarry San Bernardino County	California	United States	
V79124	79124	V	Mammalia	Merychippus			Miocene	Tertiary	V65134	Eureka Quarry San Bernardino County	California	United States	
V79125	79125	V	Mammalia				Miocene	Tertiary	V65134	Eureka Quarry San Bernardino County	California	United States	
V79126	79126	V	Mammalia				Miocene	Tertiary	V65134	Eureka Quarry San Bernardino County	California	United States	
V79127	79127	V	Mammalia				Miocene	Tertiary	V65134	Eureka Quarry San Bernardino County	California	United States	
V79128	79128	V	Mammalia	Merycodus			Miocene	Tertiary	V65134	Eureka Quarry San Bernardino County	California	United States	
V79129	79129	V	Mammalia	Merychippus			Miocene	Tertiary	V65135	Stirton Wash San Bernardino County	California	United States	
V79130	79130	V	Mammalia				Miocene	Tertiary	V65135	Stirton Wash San Bernardino County	California	United States	
V79131	79131	V	Mammalia	Merychippus			Miocene	Tertiary	V65136	Stirton Wash San Bernardino County	California	United States	
V79132	79132	V	Mammalia				Miocene	Tertiary	V65136	Stirton Wash San Bernardino County	California	United States	
V79133	79133	V	Mammalia	Merycodus			Miocene	Tertiary	V65136	Stirton Wash San Bernardino County	California	United States	
V79134	79134	V	Osteichthyes				Miocene	Tertiary	V65137	Bonanza San Bernardino County	California	United States	
V79135	79135	V	Mammalia	Lanthanotherium	sawini		Miocene	Tertiary	V65137	Bonanza San Bernardino County	California	United States	
V79136	79136	V	Mammalia				Miocene	Tertiary	V65137	Bonanza San Bernardino County	California	United States	

Appendix 4 - UCMP VERTEBRATE FOSSIL LOCALITY SEARCH: BARSTOW FORMATION

spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V79137	79137	V	Mammalia	Merychippus			Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V79138	79138	V	Mammalia				Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V79139	79139	V	Mammalia	Merycodus			Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V79140	79140	V	Mammalia				Miocene	Tertiary	V65138	Stirton Wash	San Bernardino County	California	United States
V79141	79141	V	Mammalia	Merycodus			Miocene	Tertiary	V65138	Stirton Wash	San Bernardino County	California	United States
V79142	79142	V	Mammalia	Merychippus			Miocene	Tertiary	V65139	Stirton Wash	San Bernardino County	California	United States
V79143	79143	V	Mammalia	Merycodus			Miocene	Tertiary	V65139	Stirton Wash	San Bernardino County	California	United States
V79144	79144	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V65140	Rodent Hill	Ba San Bernardino County	California	United States
V79145	79145	V	Mammalia	Perognathoides	halli		Miocene	Tertiary	V65140	Rodent Hill	Ba San Bernardino County	California	United States
V79146	79146	V	Mammalia	Pseudaelurus			Miocene	Tertiary	V65140	Rodent Hill	Ba San Bernardino County	California	United States
V79147	79147	V	Mammalia	Merychippus			Miocene	Tertiary	V65140	Rodent Hill	Ba San Bernardino County	California	United States
V79148	79148	V	Mammalia				Miocene	Tertiary	V65140	Rodent Hill	Ba San Bernardino County	California	United States
V79149	79149	V	Mammalia	Merychippus			Miocene	Tertiary	V65141	Stirton Wash	San Bernardino County	California	United States
V79150	79150	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V65142	Rodent Hill	Ba San Bernardino County	California	United States
V79151	79151	V	Mammalia	Perognathus	fulongi		Miocene	Tertiary	V65142	Rodent Hill	Ba San Bernardino County	California	United States
V79152	79152	V	Mammalia	Perognathoides	halli		Miocene	Tertiary	V65142	Rodent Hill	Ba San Bernardino County	California	United States
V79153	79153	V	Mammalia				Miocene	Tertiary	V65142	Rodent Hill	Ba San Bernardino County	California	United States
V79154	79154	V	Mammalia	Merychippus			Miocene	Tertiary	V65142	Rodent Hill	Ba San Bernardino County	California	United States
V79155	79155	V	Mammalia	Lanthanotherium	sawini		Miocene	Tertiary	V65143	Rodent Hill	Ba San Bernardino County	California	United States
V79156	79156	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V65143	Rodent Hill	Ba San Bernardino County	California	United States
V79157	79157	V	Mammalia	Merychippus			Miocene	Tertiary	V65143	Rodent Hill	Ba San Bernardino County	California	United States
V79158	79158	V	Mammalia				Miocene	Tertiary	V65143	Rodent Hill	Ba San Bernardino County	California	United States
V79159	79159	V	Mammalia	Merycodus			Miocene	Tertiary	V65143	Rodent Hill	Ba San Bernardino County	California	United States
V79160	79160	V	Mammalia				Miocene	Tertiary	V65144	Camel Basin	San Bernardino County	California	United States
V79161	79161	V	Mammalia	Limnoecus	tricuspis		Miocene	Tertiary	V65145	Camel Basin	San Bernardino County	California	United States
V79162	79162	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V65145	Camel Basin	San Bernardino County	California	United States
V79163	79163	V	Reptilia				Miocene	Tertiary	V65146	Camel Basin	San Bernardino County	California	United States
V79164	79164	V	Mammalia				Miocene	Tertiary	V65146	Camel Basin	San Bernardino County	California	United States
V79165	79165	V	Mammalia	Cupidinimus	nebraskensis		Miocene	Tertiary	V65146	Camel Basin	San Bernardino County	California	United States
V79166	79166	V	Mammalia	Merychippus			Miocene	Tertiary	V65146	Camel Basin	San Bernardino County	California	United States
V79167	79167	V	Mammalia				Miocene	Tertiary	V65146	Camel Basin	San Bernardino County	California	United States
V79168	79168	V	Mammalia	Merycodus			Miocene	Tertiary	V65146	Camel Basin	San Bernardino County	California	United States
V79169	79169	V	Osteichthyes				Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79170	79170	V	Reptilia				Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79171	79171	V	Reptilia				Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79172	79172	V	Aves				Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79173	79173	V	Mammalia	Lanthanotherium	sawini		Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79174	79174	V	Mammalia				Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79175	79175	V	Mammalia	Merychippus			Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79176	79176	V	Mammalia	Merycodus			Miocene	Tertiary	V65147	Rodent Hill	Ba San Bernardino County	California	United States
V79177	79177	V	Mammalia	Merychippus			Miocene	Tertiary	V65148	Rodent Hill	Ba San Bernardino County	California	United States
V79178	79178	V	Mammalia	Merychippus			Miocene	Tertiary	V65149	Carnivore Car	San Bernardino County	California	United States
V79179	79179	V	Mammalia	Merycodus			Miocene	Tertiary	V65144	Camel Basin	San Bernardino County	California	United States
V79180	79180	V	Osteichthyes				Miocene	Tertiary	V65150	Coon Canyon	San Bernardino County	California	United States
V79181	79181	V	Mammalia	Paradomnina			Miocene	Tertiary	V65150	Coon Canyon	San Bernardino County	California	United States
V79182	79182	V	Mammalia	Cupidinimus	nebraskensis		Miocene	Tertiary	V65150	Coon Canyon	San Bernardino County	California	United States
V79183	79183	V	Mammalia				Miocene	Tertiary	V65150	Coon Canyon	San Bernardino County	California	United States
V79184	79184	V	Aves				Miocene	Tertiary	V6604	Steepside Qu	San Bernardino County	California	United States
V79185	79185	V	Mammalia				Miocene	Tertiary	V6604	Steepside Qu	San Bernardino County	California	United States
V79186	79186	V	Mammalia				Miocene	Tertiary	V6604	Steepside Qu	San Bernardino County	California	United States
V79187	79187	V	Mammalia	Merycodus			Miocene	Tertiary	V6604	Steepside Qu	San Bernardino County	California	United States
V79188	79188	V	Mammalia	Tomarctus			Miocene	Tertiary	V6605	Coon Canyon	San Bernardino County	California	United States
V79189	79189	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6606	Fullers Earth	(San Bernardino County	California	United States
V79190	79190	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V6641	Carnivore Car	San Bernardino County	California	United States
V79191	79191	V	Mammalia				Miocene	Tertiary	V6641	Carnivore Car	San Bernardino County	California	United States
V79192	79192	V	Mammalia	Merychippus			Miocene	Tertiary	V6641	Carnivore Car	San Bernardino County	California	United States
V79193	79193	V	Mammalia				Miocene	Tertiary	V66152	Carnivore Car	San Bernardino County	California	United States
V79194	79194	V	Mammalia	Proheteromys			Miocene	Tertiary	V66152	Carnivore Car	San Bernardino County	California	United States
V79195	79195	V	Mammalia	Merychippus			Miocene	Tertiary	V66152	Carnivore Car	San Bernardino County	California	United States
V79196	79196	V	Mammalia				Miocene	Tertiary	V66153	Rak Quarry	San Bernardino County	California	United States
V79197	79197	V	Mammalia				Miocene	Tertiary	V66153	Rak Quarry	San Bernardino County	California	United States
V79198	79198	V	Mammalia	Paratomarctus	temerarius		Miocene	Tertiary	V66160	Hell Gate Bas	San Bernardino County	California	United States
V79199	79199	V	Mammalia	Merychippus			Miocene	Tertiary	V66160	Hell Gate Bas	San Bernardino County	California	United States
V80475	80475	V	Mammalia				Miocene	Tertiary	-1399	Rodent Hill	Ba San Bernardino County	California	United States
V80476	80476	V	Mammalia				Miocene	Tertiary	-1398	Rodent Hill	Ba San Bernardino County	California	United States
V80477	80477	V	Mammalia				Miocene	Tertiary	-1400	Rodent Hill	Ba San Bernardino County	California	United States
V80478	80478	V	Mammalia				Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V80479	80479	V	Mammalia				Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V80480	80480	V	Mammalia				Miocene	Tertiary	-2060	Short Ravine	San Bernardino County	California	United States
V80481	80481	V	Mammalia				Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V80483	80483	V	Mammalia				Miocene	Tertiary	-1400	Rodent Hill	Ba San Bernardino County	California	United States
V80485	80485	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V80486	80486	V	Mammalia				Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V80487	80487	V	Mammalia				Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V80489	80489	V	Mammalia				Miocene	Tertiary	-1404	Rodent Hill	Ba San Bernardino County	California	United States
V80491	80491	V	Mammalia				Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V80492	80492	V	Mammalia				Miocene	Tertiary	-1395	Short Ravine	San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V80661	80661	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V80662	80662	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V80663	80663	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V80664	80664	V	Mammalia	Merychippus			Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V80665	80665	V	Mammalia	Merychippus			Miocene	Tertiary	-1402	Rainbow Basii	San Bernardino County	California	United States
V80666	80666	V	Mammalia	Merychippus			Miocene	Tertiary	-1393	Lava Butte 4	San Bernardino County	California	United States
V80667	80667	V	Mammalia	Merychippus			Miocene	Tertiary	-1397	Stirton Wash	San Bernardino County	California	United States
V80668	80668	V	Mammalia	Megahippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V80669	80669	V	Mammalia	Merychippus			Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V80670	80670	V	Mammalia	Merychippus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V80671	80671	V	Mammalia	Merychippus			Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V80672	80672	V	Mammalia	Merychippus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V80673	80673	V	Mammalia	Merychippus			Miocene	Tertiary	-1395	Short Ravine :	San Bernardino County	California	United States
V80674	80674	V	Mammalia	Merychippus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V80675	80675	V	Mammalia	Merychippus			Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V80676	80676	V	Mammalia	Merychippus			Miocene	Tertiary	-1404	Rodent Hill Ba	San Bernardino County	California	United States
V80677	80677	V	Mammalia	Merychippus			Miocene	Tertiary	-1393	Lava Butte 4	San Bernardino County	California	United States
V80678	80678	V	Mammalia	Merychippus			Miocene	Tertiary	-1392	Lava Butte 3	San Bernardino County	California	United States
V80679	80679	V	Mammalia	Merychippus			Miocene	Tertiary	-1406	Pirie's Canyon	San Bernardino County	California	United States
V80680	80680	V	Mammalia	Merychippus			Miocene	Tertiary	-1397	Stirton Wash	San Bernardino County	California	United States
V80681	80681	V	Mammalia	Merychippus			Miocene	Tertiary	-2059	Rainbow Basii	San Bernardino County	California	United States
V80682	80682	V	Mammalia	Merychippus			Miocene	Tertiary	-1390	Lava Butte 1	San Bernardino County	California	United States
V80683	80683	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V85148	85148	V	Mammalia	Merychippus			Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V94653	94653	V	Reptilia				Miocene	Tertiary	V71095	Valley View Q	San Bernardino County	California	United States
V94693	94693	V	Mammalia	Dyseohyus	fricki		Miocene	Tertiary	V71094	LACM (CIT) 2	San Bernardino County	California	United States
V94695	94695	V	Mammalia	Dyseohyus	fricki		Miocene	Tertiary	V71094	LACM (CIT) 2	San Bernardino County	California	United States
V94697	94697	V	Mammalia	Dyseohyus	fricki		Miocene	Tertiary	V5757	Hemicyon Qu;	San Bernardino County	California	United States
V94701	94701	V	Mammalia	Cynorca	occidentale		Miocene	Tertiary	V71095	Valley View Q	San Bernardino County	California	United States
V113556	113556	V	Mammalia	Cupidininus	nebraskensis		Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V113557	113557	V	Mammalia	Mojavemys	alexandrae		Miocene	Tertiary	V6604	Steepsides Qu;	San Bernardino County	California	United States
V113558	113558	V	Mammalia	Perognathoides	halli		Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V114266	114266	V	Mammalia	Merychippus			Miocene	Tertiary	-2058	Coon Canyon	San Bernardino County	California	United States
V114267	114267	V	Mammalia	Merychippus			Miocene	Tertiary	-2059	Rainbow Basii	San Bernardino County	California	United States
V114444	114444	V	Mammalia	Aelurodon			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V114459	114459	V	Mammalia	Merychippus			Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V114466	114466	V	Mammalia	Aelurodon	wheelerianus		Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V114468	114468	V	Mammalia				Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V114469	114469	V	Mammalia	Merychippus			Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V114788	114788	V	Mammalia	Bison			Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V114789	114789	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V114790	114790	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V114791	114791	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V114792	114792	V	Mammalia	Merychippus	calamarius	stylodontus	Miocene	Tertiary	-1395	Short Ravine :	San Bernardino County	California	United States
V114793	114793	V	Mammalia	Felis			Miocene	Tertiary	-1396	Stirton Wash	San Bernardino County	California	United States
V114794	114794	V	Mammalia	Hypohippus	affinis		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V114815	114815	V	Mammalia				Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V114816	114816	V	Mammalia				Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V114881	114881	V	Mammalia	Hypohippus	affinis		Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V114906	114906	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-2057	Coon Canyon	San Bernardino County	California	United States
V114907	114907	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V115697	115697	V	Mammalia				Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V115698	115698	V	Mammalia				Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V115699	115699	V	Mammalia				Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V115700	115700	V	Mammalia				Miocene	Tertiary	V65137	Bonanza	San Bernardino County	California	United States
V115701	115701	V	Mammalia				Miocene	Tertiary	V6604	Steepsides Qu;	San Bernardino County	California	United States
V115702	115702	V	Mammalia				Miocene	Tertiary	V6604	Steepsides Qu;	San Bernardino County	California	United States
V115703	115703	V	Mammalia				Miocene	Tertiary	V65147	Rodent Hill Ba	San Bernardino County	California	United States
V115704	115704	V	Mammalia				Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V115705	115705	V	Mammalia				Miocene	Tertiary	V5501	Slug Bed	San Bernardino County	California	United States
V115706	115706	V	Mammalia				Miocene	Tertiary	V6605	Coon Canyon	San Bernardino County	California	United States
V115995	115995	V	Mammalia	Uintatherium			Miocene	Tertiary	V65135	Stirton Wash	San Bernardino County	California	United States
V115996	115996	V	Mammalia	Uintatherium			Miocene	Tertiary	V65135	Stirton Wash	San Bernardino County	California	United States
V117109	117109	V	Mammalia	Merycodus			Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V117110	117110	V	Mammalia	Merycodus			Miocene	Tertiary	-1404	Rodent Hill Ba	San Bernardino County	California	United States
V117111	117111	V	Mammalia	Merycodus			Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V117112	117112	V	Mammalia	Merycodus			Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V117113	117113	V	Mammalia	Merycodus			Miocene	Tertiary	-1398	Rodent Hill Ba	San Bernardino County	California	United States
V117114	117114	V	Mammalia	Merycodus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V117115	117115	V	Mammalia	Merycodus			Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V117316	117316	V	Mammalia				Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V117317	117317	V	Mammalia				Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V117318	117318	V	Mammalia				Miocene	Tertiary	-1401	Hellgate 1	San Bernardino County	California	United States
V117319	117319	V	Mammalia				Miocene	Tertiary	-1402	Rainbow Basii	San Bernardino County	California	United States
V117320	117320	V	Mammalia				Miocene	Tertiary	-1406	Pirie's Canyon	San Bernardino County	California	United States
V117321	117321	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V117322	117322	V	Mammalia				Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States

Appendix 4 - UCMP VERTEBRATE FOSSIL LOCALITY SEARCH: BARSTOW FORMATION

spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V117323	117323	V	Mammalia				Miocene	Tertiary	-1400	Rodent Hill Ba	San Bernardino County	California	United States
V117324	117324	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V117325	117325	V	Mammalia				Miocene	Tertiary	-1395	Short Ravine :	San Bernardino County	California	United States
V117326	117326	V	Mammalia				Miocene	Tertiary	-2060	Short Ravine :	San Bernardino County	California	United States
V117327	117327	V	Mammalia				Miocene	Tertiary	-1307	Barstow Gene	San Bernardino County	California	United States
V117328	117328	V	Mammalia				Miocene	Tertiary	-2056	Coon Canyon	San Bernardino County	California	United States
V117329	117329	V	Mammalia				Miocene	Tertiary	-2061	Barstow 3	San Bernardino County	California	United States
V118529	118529	V	Mammalia	Copemys	longidens		Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V131050	131050	V	Mammalia	Hypolagus	parviplicatus		Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V131051	131051	V	Mammalia	Hypolagus			Miocene	Tertiary	V2301	Rodent Hill Ba	San Bernardino County	California	United States
V131816	131816	V	Mammalia	Merychippus	carrizoensis		Miocene	Tertiary	V87016	Christa's level	San Bernardino County	California	United States
V138599	138599	V	Reptilia				Miocene	Tertiary	V6447	Carnivore Car	San Bernardino County	California	United States
V138600	138600	V	Reptilia				Miocene	Tertiary	V6449	Carnivore Car	San Bernardino County	California	United States
V138601	138601	V	Reptilia				Miocene	Tertiary	V6463	Stirton Wash	San Bernardino County	California	United States
V138602	138602	V	Reptilia				Miocene	Tertiary	V5270	Barstow 52	San Bernardino County	California	United States
V153832	153832	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153833	153833	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153834	153834	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153835	153835	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153836	153836	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153837	153837	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153838	153838	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153839	153839	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153840	153840	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153841	153841	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153842	153842	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153843	153843	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153844	153844	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153845	153845	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153846	153846	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153847	153847	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V153848	153848	V	Mammalia	Merychippus			Miocene	Tertiary	-1399	Rodent Hill Ba	San Bernardino County	California	United States
V155863	155863	V	Reptilia				Miocene	Tertiary	V6604	Steepside Qu:	San Bernardino County	California	United States
V155864	155864	V	Reptilia				Miocene	Tertiary	V6604	Steepside Qu:	San Bernardino County	California	United States
V155865	155865	V	Reptilia				Miocene	Tertiary	V6604	Steepside Qu:	San Bernardino County	California	United States
V155866	155866	V	Reptilia				Miocene	Tertiary	V6604	Steepside Qu:	San Bernardino County	California	United States
V155867	155867	V	Reptilia				Miocene	Tertiary	V6604	Steepside Qu:	San Bernardino County	California	United States
V155868	155868	V	Reptilia				Miocene	Tertiary	V6604	Steepside Qu:	San Bernardino County	California	United States
V155869	155869	V	Reptilia				Miocene	Tertiary	V65147	Rodent Hill Ba	San Bernardino County	California	United States
V155870	155870	V	Reptilia				Miocene	Tertiary	V65147	Rodent Hill Ba	San Bernardino County	California	United States
V155871	155871	V	Reptilia				Miocene	Tertiary	V65147	Rodent Hill Ba	San Bernardino County	California	United States
V155872	155872	V	Reptilia				Miocene	Tertiary	V65147	Rodent Hill Ba	San Bernardino County	California	United States
V155873	155873	V	Reptilia				Miocene	Tertiary	V6463	Stirton Wash	San Bernardino County	California	United States
V155874	155874	V	Reptilia				Miocene	Tertiary	V65145	Camel Basin 2	San Bernardino County	California	United States
V155875	155875	V	Reptilia				Miocene	Tertiary	V65145	Camel Basin 2	San Bernardino County	California	United States
V155876	155876	V	Reptilia				Miocene	Tertiary	V65145	Camel Basin 2	San Bernardino County	California	United States
V310480	310480	V	Mammalia				Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V310481	310481	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V310492	310492	V	Mammalia	Merychippus			Miocene	Tertiary	RV6618		San Bernardino County	California	United States
V310493	310493	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV6625		San Bernardino County	California	United States
V310498	310498	V	Mammalia				Miocene	Tertiary	RV6627		San Bernardino County	California	United States
V310884	310884	V	Mammalia				Miocene	Tertiary	RV6773		San Bernardino County	California	United States
V310885	310885	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	RV6774		San Bernardino County	California	United States
V310886	310886	V	Mammalia				Miocene	Tertiary	RV6775		San Bernardino County	California	United States
V310887	310887	V	Mammalia				Miocene	Tertiary	RV6776		San Bernardino County	California	United States
V310888	310888	V	Mammalia	Protolabis			Miocene	Tertiary	RV6777		San Bernardino County	California	United States
V310889	310889	V	Mammalia				Miocene	Tertiary	RV6777		San Bernardino County	California	United States
V310890	310890	V	Mammalia				Miocene	Tertiary	RV6617		San Bernardino County	California	United States
V310891	310891	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	RV6622		San Bernardino County	California	United States
V310896	310896	V	Mammalia	Merychippus	tehachapiensis		Miocene	Tertiary	RV6604	East Yermo H	San Bernardino County	California	United States
V310897	310897	V	Mammalia	Merychippus	relictus		Miocene	Tertiary	RV6604	East Yermo H	San Bernardino County	California	United States
V310898	310898	V	Mammalia	Merychippus	relictus		Miocene	Tertiary	RV6604	East Yermo H	San Bernardino County	California	United States
V310899	310899	V	Mammalia	Merychippus	tehachapiensis		Miocene	Tertiary	RV6604	East Yermo H	San Bernardino County	California	United States
V310900	310900	V	Mammalia	Merychippus	tehachapiensis		Miocene	Tertiary	RV6604	East Yermo H	San Bernardino County	California	United States
V310901	310901	V	Mammalia				Miocene	Tertiary	RV6616		San Bernardino County	California	United States
V310903	310903	V	Mammalia	Merychippus			Miocene	Tertiary	RV6621		San Bernardino County	California	United States
V310904	310904	V	Mammalia	Paramiolabis			Miocene	Tertiary	RV6621		San Bernardino County	California	United States
V310941	310941	V	Mammalia				Miocene	Tertiary	RV6618		San Bernardino County	California	United States
V310942	310942	V	Mammalia				Miocene	Tertiary	RV6619		San Bernardino County	California	United States
V310943	310943	V	Mammalia				Miocene	Tertiary	RV6619		San Bernardino County	California	United States
V310944	310944	V	Mammalia				Miocene	Tertiary	RV6619		San Bernardino County	California	United States
V310945	310945	V	Mammalia				Miocene	Tertiary	RV6622		San Bernardino County	California	United States
V310946	310946	V	Mammalia	Merychippus			Miocene	Tertiary	RV6774		San Bernardino County	California	United States
V310947	310947	V	Mammalia	Merychippus			Miocene	Tertiary	RV6622		San Bernardino County	California	United States
V310948	310948	V	Mammalia	Merychippus			Miocene	Tertiary	RV6624		San Bernardino County	California	United States
V310949	310949	V	Mammalia				Miocene	Tertiary	RV6619		San Bernardino County	California	United States
V310950	310950	V	Mammalia				Miocene	Tertiary	RV6617		San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V310951	310951	V	Mammalia				Miocene	Tertiary	RV6627		San Bernardino County	California	United States
V310952	310952	V	Mammalia				Miocene	Tertiary	RV6620		San Bernardino County	California	United States
V310953	310953	V	Mammalia				Miocene	Tertiary	RV6619		San Bernardino County	California	United States
V310954	310954	V	Mammalia				Miocene	Tertiary	RV6618		San Bernardino County	California	United States
V310955	310955	V	Mammalia				Miocene	Tertiary	RV6620		San Bernardino County	California	United States
V310956	310956	V	Mammalia	Merychippus			Miocene	Tertiary	RV6622		San Bernardino County	California	United States
V310957	310957	V	Mammalia				Miocene	Tertiary	RV6619		San Bernardino County	California	United States
V310958	310958	V	Mammalia	Merychippus			Miocene	Tertiary	RV6624		San Bernardino County	California	United States
V311237	311237	V	Mammalia	Limnoecus			Miocene	Tertiary	RV6120	Barstow Site 8	San Bernardino County	California	United States
V311238	311238	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V311239	311239	V	Mammalia	Tomarctus	hippophagus		Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311240	311240	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V311241	311241	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311242	311242	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6124	Barstow Site 1	San Bernardino County	California	United States
V311243	311243	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311244	311244	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311245	311245	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311246	311246	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311247	311247	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311248	311248	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311249	311249	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V311250	311250	V	Mammalia	Aepycamelus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311251	311251	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311252	311252	V	Mammalia				Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311253	311253	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311254	311254	V	Mammalia				Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311255	311255	V	Mammalia				Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311256	311256	V	Mammalia				Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311257	311257	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 8	San Bernardino County	California	United States
V311258	311258	V	Mammalia	Scaphohippus	intermontanus		Miocene	Tertiary	RV6122	Barstow Site 1	San Bernardino County	California	United States
V311259	311259	V	Mammalia	Paramiolabis			Miocene	Tertiary	RV6062	Barstow Site 3	San Bernardino County	California	United States
V311260	311260	V	Mammalia	Cynarctus	galushai		Miocene	Tertiary	RV6126	Barstow Site 1	San Bernardino County	California	United States
V311261	311261	V	Mammalia				Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311262	311262	V	Mammalia				Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311263	311263	V	Mammalia				Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311264	311264	V	Mammalia	Merychippus			Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311265	311265	V	Mammalia				Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311266	311266	V	Mammalia				Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311267	311267	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311268	311268	V	Mammalia	Megahippus			Miocene	Tertiary	RV6130	Barstow Site 1	San Bernardino County	California	United States
V311270	311270	V	Mammalia	Scaphohippus	intermontanus		Miocene	Tertiary	RV6129	Barstow Site 1	San Bernardino County	California	United States
V311271	311271	V	Mammalia	Merychippus			Miocene	Tertiary	RV6129	Barstow Site 1	San Bernardino County	California	United States
V311272	311272	V	Mammalia				Miocene	Tertiary	RV6130	Barstow Site 1	San Bernardino County	California	United States
V311273	311273	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	RV6130	Barstow Site 1	San Bernardino County	California	United States
V311274	311274	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	RV6307	Barstow Site 1	San Bernardino County	California	United States
V311275	311275	V	Mammalia	Merychippus			Miocene	Tertiary	RV6128	Barstow Site 1	San Bernardino County	California	United States
V311276	311276	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V311277	311277	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V311278	311278	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V311279	311279	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V311280	311280	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V311281	311281	V	Mammalia				Miocene	Tertiary	RV6307	Barstow Site 1	San Bernardino County	California	United States
V311282	311282	V	Mammalia				Miocene	Tertiary	RV6307	Barstow Site 1	San Bernardino County	California	United States
V311283	311283	V	Mammalia				Miocene	Tertiary	RV6128	Barstow Site 1	San Bernardino County	California	United States
V311284	311284	V	Mammalia				Miocene	Tertiary	RV6128	Barstow Site 1	San Bernardino County	California	United States
V311285	311285	V	Mammalia				Miocene	Tertiary	RV6128	Barstow Site 1	San Bernardino County	California	United States
V311286	311286	V	Mammalia				Miocene	Tertiary	RV6128	Barstow Site 1	San Bernardino County	California	United States
V311287	311287	V	Mammalia				Miocene	Tertiary	RV6128	Barstow Site 1	San Bernardino County	California	United States
V311288	311288	V	Mammalia				Miocene	Tertiary	RV6130	Barstow Site 1	San Bernardino County	California	United States
V311289	311289	V	Mammalia				Miocene	Tertiary	RV6130	Barstow Site 1	San Bernardino County	California	United States
V311290	311290	V	Mammalia				Miocene	Tertiary	RV6126	Barstow Site 1	San Bernardino County	California	United States
V311291	311291	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V311292	311292	V	Mammalia	Paracosoryx	alticornis		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311293	311293	V	Mammalia				Miocene	Tertiary	RV6401	Barstow Site 2	San Bernardino County	California	United States
V311294	311294	V	Mammalia	Archaeohippus	mourningi		Miocene	Tertiary	RV6131		San Bernardino County	California	United States
V311295	311295	V	Mammalia	Dyseohyus	fricki		Miocene	Tertiary	RV6401	Barstow Site 2	San Bernardino County	California	United States
V311296	311296	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV6401	Barstow Site 2	San Bernardino County	California	United States
V311297	311297	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV6784		San Bernardino County	California	United States
V311298	311298	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5802	Barstow Site 1	San Bernardino County	California	United States
V311299	311299	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV6784		San Bernardino County	California	United States
V311300	311300	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5802	Barstow Site 1	San Bernardino County	California	United States
V311301	311301	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5802	Barstow Site 1	San Bernardino County	California	United States
V311302	311302	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6784		San Bernardino County	California	United States
V311305	311305	V	Mammalia				Miocene	Tertiary	RV5802	Barstow Site 1	San Bernardino County	California	United States
V311308	311308	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6119	Barstow Site 7	San Bernardino County	California	United States
V311309	311309	V	Mammalia				Miocene	Tertiary	RV6119	Barstow Site 7	San Bernardino County	California	United States
V311310	311310	V	Mammalia				Miocene	Tertiary	RV6119	Barstow Site 7	San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V311775	311775	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311776	311776	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311777	311777	V	Mammalia	Merychippus			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311778	311778	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311779	311779	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311780	311780	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311781	311781	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311782	311782	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311783	311783	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311784	311784	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311785	311785	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311786	311786	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V311787	311787	V	Mammalia	Dominoidea			Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311788	311788	V	Mammalia	Copemys	esmeraldensis		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V311934	311934	V	Mammalia	Dyseohyus	fricki		Miocene	Tertiary	RV6805		San Bernardino County	California	United States
V311936	311936	V	Mammalia	Cynorca	occidentale		Miocene	Tertiary	RV6806	FAM Valley Vi	San Bernardino County	California	United States
V311941	311941	V	Mammalia	Dyseohyus	fricki		Miocene	Tertiary	RV6805		San Bernardino County	California	United States
V311944	311944	V	Mammalia	Dyseohyus	fricki		Miocene	Tertiary	RV6812		San Bernardino County	California	United States
V311946	311946	V	Mammalia	Cynorca	occidentale		Miocene	Tertiary	RV6814	FAM Valley Vi	San Bernardino County	California	United States
V311964	311964	V	Mammalia	Protolabis			Miocene	Tertiary	RV6825		San Bernardino County	California	United States
V311966	311966	V	Mammalia	Rakomeryx			Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V311967	311967	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V311968	311968	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V311984	311984	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6825		San Bernardino County	California	United States
V311985	311985	V	Mammalia				Miocene	Tertiary	RV6826		San Bernardino County	California	United States
V311986	311986	V	Mammalia				Miocene	Tertiary	RV6826		San Bernardino County	California	United States
V311987	311987	V	Mammalia	Cynarctus	galushai		Miocene	Tertiary	RV6832		San Bernardino County	California	United States
V311988	311988	V	Mammalia	Merycodus			Miocene	Tertiary	RV6836		San Bernardino County	California	United States
V311990	311990	V	Mammalia	Merycodus			Miocene	Tertiary	RV6837		San Bernardino County	California	United States
V311991	311991	V	Mammalia				Miocene	Tertiary	RV6837		San Bernardino County	California	United States
V311992	311992	V	Mammalia				Miocene	Tertiary	RV6837		San Bernardino County	California	United States
V311993	311993	V	Mammalia	Hypohippus			Miocene	Tertiary	RV6837		San Bernardino County	California	United States
V311994	311994	V	Mammalia	Merycodus			Miocene	Tertiary	RV6831		San Bernardino County	California	United States
V311995	311995	V	Mammalia	Merychippus			Miocene	Tertiary	RV6831		San Bernardino County	California	United States
V313422	313422	V	Mammalia	Limnocetus	tricuspis		Miocene	Tertiary	RV6307	Barstow Site 1	San Bernardino County	California	United States
V313425	313425	V	Mammalia	Limnocetus	tricuspis		Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V314057	314057	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV69135		San Bernardino County	California	United States
V314862	314862	V	Mammalia	Amphicyon			Miocene	Tertiary	RV6307	Barstow Site 1	San Bernardino County	California	United States
I314890	314890	I	Gastropoda	Helminthoglypta	sp.		Miocene	Tertiary	B933		San Bernardino County	California	United States
V314985	314985	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7209		San Bernardino County	California	United States
V314986	314986	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7209		San Bernardino County	California	United States
V314987	314987	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7209		San Bernardino County	California	United States
V314988	314988	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7209		San Bernardino County	California	United States
V314989	314989	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7209		San Bernardino County	California	United States
V314990	314990	V	Mammalia				Miocene	Tertiary	RV7207		San Bernardino County	California	United States
V314991	314991	V	Mammalia				Miocene	Tertiary	RV7207		San Bernardino County	California	United States
V314992	314992	V	Mammalia				Miocene	Tertiary	RV7207		San Bernardino County	California	United States
V314993	314993	V	Mammalia				Miocene	Tertiary	RV7207		San Bernardino County	California	United States
V314994	314994	V	Mammalia				Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V314995	314995	V	Mammalia	Archaeohippus			Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V314996	314996	V	Mammalia				Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V314997	314997	V	Mammalia	Archaeohippus			Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V314998	314998	V	Mammalia				Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V314999	314999	V	Mammalia				Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V315007	315007	V	Mammalia				Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V315008	315008	V	Mammalia				Miocene	Tertiary	RV7208		San Bernardino County	California	United States
V315009	315009	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7209		San Bernardino County	California	United States
V315019	315019	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315043	315043	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315044	315044	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315045	315045	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315046	315046	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315047	315047	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315048	315048	V	Mammalia	Hypolagus			Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315049	315049	V	Mammalia	Hypolagus			Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315098	315098	V	Mammalia	Hypolagus			Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315099	315099	V	Mammalia	Hypolagus			Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315104	315104	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315107	315107	V	Mammalia	Hypolagus			Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315108	315108	V	Mammalia	Hypolagus			Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315109	315109	V	Mammalia	Hypolagus			Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315112	315112	V	Mammalia				Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315113	315113	V	Mammalia				Miocene	Tertiary	RV68170		San Bernardino County	California	United States
V315114	315114	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315115	315115	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315116	315116	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States
V315117	315117	V	Mammalia				Miocene	Tertiary	RV7212		San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V315118	315118	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7209		San Bernardino County	California	United States
V315119	315119	V	Mammalia	Miomustela			Miocene	Tertiary	RV7213		San Bernardino County	California	United States
V315122	315122	V	Mammalia	Peromyscus			Miocene	Tertiary	RV7213		San Bernardino County	California	United States
V315123	315123	V	Mammalia				Miocene	Tertiary	RV7213		San Bernardino County	California	United States
V315124	315124	V	Aves				Miocene	Tertiary	RV7213		San Bernardino County	California	United States
V315125	315125	V	Mammalia	Microtomarctus	conferta		Miocene	Tertiary	RV7210		San Bernardino County	California	United States
V315126	315126	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7211		San Bernardino County	California	United States
V315127	315127	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7211		San Bernardino County	California	United States
V315128	315128	V	Mammalia				Miocene	Tertiary	RV7211		San Bernardino County	California	United States
V315129	315129	V	Mammalia				Miocene	Tertiary	RV7213		San Bernardino County	California	United States
V315130	315130	V	Mammalia	Paramiolabis	tenuis		Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315131	315131	V	Mammalia				Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315132	315132	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315133	315133	V	Mammalia				Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315134	315134	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315135	315135	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315136	315136	V	Mammalia				Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315137	315137	V	Mammalia	Megahippus			Miocene	Tertiary	RV7205		San Bernardino County	California	United States
V315138	315138	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315139	315139	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315152	315152	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315153	315153	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315154	315154	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315155	315155	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315156	315156	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315157	315157	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315158	315158	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315159	315159	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315160	315160	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315161	315161	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315162	315162	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315163	315163	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315164	315164	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315165	315165	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315166	315166	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315167	315167	V	Mammalia				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V315168	315168	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7229		San Bernardino County	California	United States
V315169	315169	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV7229		San Bernardino County	California	United States
V315170	315170	V	Mammalia				Miocene	Tertiary	RV7229		San Bernardino County	California	United States
V315171	315171	V	Mammalia				Miocene	Tertiary	RV7214		San Bernardino County	California	United States
V315172	315172	V	Mammalia				Miocene	Tertiary	RV7214		San Bernardino County	California	United States
V315173	315173	V	Mammalia	Hypolagus			Miocene	Tertiary	RV7214		San Bernardino County	California	United States
V315174	315174	V	Mammalia				Miocene	Tertiary	RV7204		San Bernardino County	California	United States
V315230	315230	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V315232	315232	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V315234	315234	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V315235	315235	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V315236	315236	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5801	Barstow Quar	San Bernardino County	California	United States
V315237	315237	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4901	Barstow Field	San Bernardino County	California	United States
V315238	315238	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4901	Barstow Field	San Bernardino County	California	United States
V315239	315239	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4901	Barstow Field	San Bernardino County	California	United States
V315261	315261	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV6403	Barstow Site 2	San Bernardino County	California	United States
V315262	315262	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV6403	Barstow Site 2	San Bernardino County	California	United States
V315263	315263	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V315264	315264	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV6119	Barstow Site 7	San Bernardino County	California	United States
V315293	315293	V	Mammalia	Merychippus	sumani		Miocene	Tertiary	RV6126	Barstow Site 1	San Bernardino County	California	United States
V315294	315294	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V315295	315295	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV5101	Barstow Field	San Bernardino County	California	United States
V315296	315296	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6786	West Barstow	San Bernardino County	California	United States
V315506	315506	V	Mammalia	Hemiauchenia			Miocene	Tertiary	RV6784		San Bernardino County	California	United States
V316022	316022	V	Mammalia	Lanthanotherium	sawini		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V316023	316023	V	Mammalia	Donninoidea			Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V316024	316024	V	Mammalia	Limnocetus	tricuspis		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V316025	316025	V	Mammalia	Limnocetus	tricuspis		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V316026	316026	V	Mammalia	Copemys	esmeraldensis		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V316027	316027	V	Mammalia	Copemys	russelli		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V316028	316028	V	Mammalia	Copemys	russelli		Miocene	Tertiary	RV6127	Barstow Site 1	San Bernardino County	California	United States
V317061	317061	V	Mammalia	Parapliohippus	carrizoensis		Miocene	Tertiary	RV7222	Frick Quarry,	San Bernardino County	California	United States
V319406	319406	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319407	319407	V	Mammalia				Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319408	319408	V	Mammalia				Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319409	319409	V	Mammalia				Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319410	319410	V	Mammalia				Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319411	319411	V	Mammalia				Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319412	319412	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319413	319413	V	Mammalia				Miocene	Tertiary	RV68167		San Bernardino County	California	United States
V319414	319414	V	Mammalia				Miocene	Tertiary	RV68167		San Bernardino County	California	United States

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spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V323219	323219	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323220	323220	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323221	323221	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323222	323222	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323223	323223	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323224	323224	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323225	323225	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323226	323226	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323227	323227	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323228	323228	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323229	323229	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323230	323230	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323231	323231	V	Mammalia	Acritohippus	sumani		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323232	323232	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323233	323233	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323234	323234	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323235	323235	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323248	323248	V	Mammalia				Miocene	Tertiary	RV6062	Barstow Site 3	San Bernardino County	California	United States
V323249	323249	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V323250	323250	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V323251	323251	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V323252	323252	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V323253	323253	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5801	Barstow Quan	San Bernardino County	California	United States
V323254	323254	V	Mammalia				Miocene	Tertiary	RV6063	Barstow Site 4	San Bernardino County	California	United States
V323255	323255	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V323256	323256	I	Insecta				Miocene	Tertiary	RV7206		San Bernardino County	California	United States
V323257	323257	V	Mammalia	Pliocyon			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323258	323258	V	Mammalia	Amphicyon			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323259	323259	V	Mammalia	Pliocyon			Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323260	323260	V	Mammalia	Brachypsalis			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323261	323261	V	Mammalia	Pseuaelurus			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323262	323262	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323263	323263	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323264	323264	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323265	323265	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323266	323266	V	Mammalia	Amphicyon			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323267	323267	V	Mammalia	Brachycrus	buwalda		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323268	323268	V	Mammalia	Brachycrus	buwalda		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323269	323269	V	Mammalia	Rakomeryx			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323270	323270	V	Mammalia	Hypohippus			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323271	323271	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323272	323272	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323273	323273	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323274	323274	V	Mammalia	Protolabis	barstowensis		Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323275	323275	V	Mammalia	Hesperocamelus			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323276	323276	V	Mammalia	Hesperocamelus			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323277	323277	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323278	323278	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323279	323279	V	Mammalia	Amphicyon			Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323280	323280	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323281	323281	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323282	323282	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323283	323283	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323284	323284	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323285	323285	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323286	323286	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323287	323287	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323288	323288	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323289	323289	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323290	323290	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323291	323291	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323292	323292	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323293	323293	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V323294	323294	V	Mammalia	Megahippus	mckennai		Miocene	Tertiary	RV5603	Megahippus L	San Bernardino County	California	United States
V323295	323295	V	Mammalia				Miocene	Tertiary	RV5802	Barstow Site 1	San Bernardino County	California	United States
V323296	323296	V	Mammalia				Miocene	Tertiary	RV5802	Barstow Site 1	San Bernardino County	California	United States
V323297	323297	V	Reptilia				Miocene	Tertiary	RV6123	Barstow Site 1	San Bernardino County	California	United States
V323298	323298	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV5901	Baum Locality	San Bernardino County	California	United States
V323299	323299	V	Mammalia	Brachycrus	laticeps		Miocene	Tertiary	RV5901	Baum Locality	San Bernardino County	California	United States
V323300	323300	V	Mammalia	Brachycrus	laticeps		Miocene	Tertiary	RV4503		San Bernardino County	California	United States
V323301	323301	V	Mammalia				Miocene	Tertiary	RV6402	Barstow Site 2	San Bernardino County	California	United States
V323303	323303	V	Mammalia				Miocene	Tertiary	RV5603	Megahippus L	San Bernardino County	California	United States
V323304	323304	V	Mammalia				Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323306	323306	V	Mammalia				Miocene	Tertiary	RV6786	West Barstow	San Bernardino County	California	United States
V323307	323307	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6786	West Barstow	San Bernardino County	California	United States
V323308	323308	V	Mammalia	Hypolagus			Miocene	Tertiary	RV6786	West Barstow	San Bernardino County	California	United States
V323309	323309	V	Mammalia				Miocene	Tertiary	RV6786	West Barstow	San Bernardino County	California	United States

Appendix 4 - UCMP VERTEBRATE FOSSIL LOCALITY SEARCH: BARSTOW FORMATION

spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V323310	323310	V	Mammalia				Miocene	Tertiary	RV6786	West Barstow	San Bernardino County	California	United States
V323311	323311	V	Mammalia				Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323312	323312	V	Mammalia				Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323313	323313	V	Mammalia	Gomphotherium			Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323314	323314	V	Mammalia	Merychippus			Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323315	323315	V	Mammalia	Merychippus			Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323316	323316	I	Gastropoda				Miocene	Tertiary	RV5102	Barstow Field	San Bernardino County	California	United States
V323317	323317	V	Mammalia	Merychippus	intermontanus		Miocene	Tertiary	RV6784		San Bernardino County	California	United States
V323318	323318	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323319	323319	V	Mammalia	Cynartus			Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323320	323320	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323321	323321	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323322	323322	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323323	323323	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323324	323324	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323325	323325	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323326	323326	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323327	323327	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323328	323328	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323329	323329	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323330	323330	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323331	323331	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323332	323332	V	Mammalia				Miocene	Tertiary	RV6125	Barstow Site 1	San Bernardino County	California	United States
V323333	323333	V	Mammalia	Merychippus			Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323334	323334	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323335	323335	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5906		San Bernardino County	California	United States
V323336	323336	V	Mammalia				Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323337	323337	V	Mammalia				Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323338	323338	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323339	323339	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323340	323340	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323341	323341	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323343	323343	V	Mammalia				Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323344	323344	V	Mammalia				Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323345	323345	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323346	323346	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323347	323347	V	Mammalia	Merycodus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323348	323348	V	Mammalia				Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323349	323349	V	Mammalia	Hypolagus			Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323350	323350	V	Mammalia				Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323351	323351	V	Mammalia				Miocene	Tertiary	RV5905		San Bernardino County	California	United States
V323352	323352	V	Mammalia	Scaphohippus	sumani		Miocene	Tertiary	RV5101	Barstow Field	San Bernardino County	California	United States
V323353	323353	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5101	Barstow Field	San Bernardino County	California	United States
V323354	323354	V	Mammalia				Miocene	Tertiary	RV5101	Barstow Field	San Bernardino County	California	United States
V323355	323355	V	Mammalia				Miocene	Tertiary	RV5101	Barstow Field	San Bernardino County	California	United States
V323356	323356	V	Mammalia	Hypolagus			Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323357	323357	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323359	323359	I	Gastropoda	Craterarion	pachyostracon		Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323360	323360	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323361	323361	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323362	323362	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323363	323363	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323364	323364	V	Mammalia				Miocene	Tertiary	RV5406	Slug Bed	San Bernardino County	California	United States
V323365	323365	V	Mammalia	Megahippus	mckennai		Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323366	323366	V	Mammalia				Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323367	323367	I	Gastropoda	Planorbula	mojavensis		Miocene	Tertiary	RV5201	Barstow Field	San Bernardino County	California	United States
V323368	323368	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V323369	323369	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V323370	323370	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V323371	323371	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V323372	323372	V	Mammalia				Miocene	Tertiary	RV6829		San Bernardino County	California	United States
V323373	323373	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV6064	Barstow Site 5	San Bernardino County	California	United States
V323374	323374	V	Mammalia	Hesperocamelus			Miocene	Tertiary	RV5801	Barstow Quan	San Bernardino County	California	United States
V323375	323375	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5801	Barstow Quan	San Bernardino County	California	United States
V323376	323376	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5801	Barstow Quan	San Bernardino County	California	United States
V323377	323377	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5801	Barstow Quan	San Bernardino County	California	United States
V323378	323378	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5801	Barstow Quan	San Bernardino County	California	United States
V323379	323379	V	Mammalia	Scaphohippus			Miocene	Tertiary	RV5801	Barstow Quan	San Bernardino County	California	United States
V323522	323522	V	Mammalia				Miocene	Tertiary	RV68154	Owl Canyon	San Bernardino County	California	United States
V323525	323525	V	Mammalia				Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States
V323526	323526	V	Mammalia	Rakomeryx			Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States
V323527	323527	V	Mammalia				Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States
V323528	323528	V	Mammalia	Acritohippus	stylodontus		Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States
V323529	323529	V	Mammalia				Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States
V323530	323530	V	Mammalia				Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States
V323531	323531	V	Mammalia				Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States
V323532	323532	V	Mammalia				Miocene	Tertiary	RV68153	East side of C	San Bernardino County	California	United States

Appendix 4 - UCMP VERTEBRATE FOSSIL LOCALITY SEARCH: BARSTOW FORMATION

spec_id	specno	ucmp_coll	class	genus	species	subspecies	epoch	period	loc_ID_num	loc_name	county_std	state_prov_s	country_std
V324017	324017	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324018	324018	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324019	324019	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324020	324020	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324021	324021	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324022	324022	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324023	324023	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324024	324024	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324025	324025	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324026	324026	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324027	324027	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324028	324028	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324029	324029	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324030	324030	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324031	324031	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324032	324032	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324033	324033	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324034	324034	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324035	324035	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324036	324036	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324037	324037	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States
V324040	324040	V	Mammalia				Miocene	Tertiary	RV4701	Webb Quarry	San Bernardino County	California	United States

Appendix 5 - San Bernadino County Museum Fossils From the Barstow Formation

Object No	Taxon Name	Higher Taxa	Stratigraphy	Geography
L1816-3778	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-3852	"Merychippus" sp."	Mammalia; Perissodactyla; Equidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-3875	"Merychippus" sp."	Mammalia; Perissodactyla; Equidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5225	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5526	Cupidinimus halli	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5527	Sciuridae	Mammalia; Rodentia; Sciuridae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5528	cf. Copemys tenuis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5529	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5530	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5531	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5532	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5533	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5534	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5535	Hypolagus sp.	Mammalia; Lagomorpha; Leporidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5536	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5537	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5538	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5539	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5540	Mammalia	Mammalia	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5541	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5542	Carnivora	Mammalia; Carnivora	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5543	cf. Copemys tenuis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5545	cf. Copemys lindsayi	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5546	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5547	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5548	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5549	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5550	Hypolagus sp.	Mammalia; Lagomorpha; Leporidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5551	?Hypolagus sp.	Mammalia; Lagomorpha; Leporidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5552	Mammalia	Mammalia	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5553	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5554	cf. Copemys tenuis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5555	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5556	cf. Copemys barstowensis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5557	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5558	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5559	Mojavemys lophatus	Mammalia; Rodentia; Geomyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5560	Carnivora	Mammalia; Carnivora	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5561	Cupidinimus halli	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5562	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California

Appendix 5 - San Bernadino County Museum Fossils From the Barstow Formation

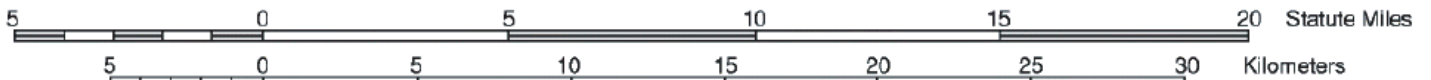
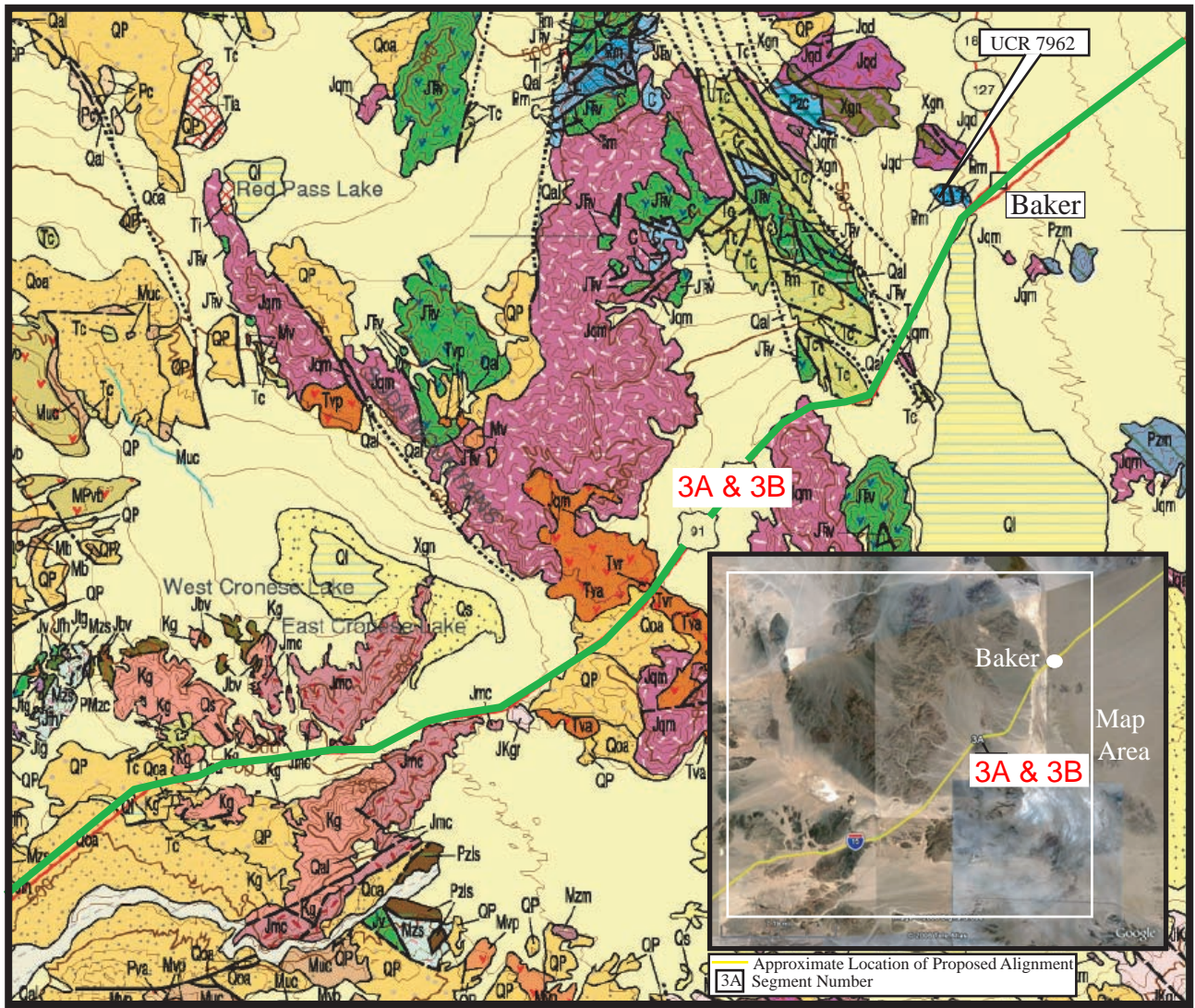
Object No	Taxon Name	Higher Taxa	Stratigraphy	Geography
L1816-5563	Cupidinimus halli	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5564	Carnivora	Mammalia; Carnivora	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5565	?Mustelidae	Mammalia; Carnivora; Mustelidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5566	Heteromyidae	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5567	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5568	cf. Copemys tenuis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5569	cf. Cupidinimus halli	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5570	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5571	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5572	cf. Copemys tenuis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5573	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5574	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5575	Cupidinimus halli	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5576	cf. Copemys tenuis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5577	Miospermophilus sp.	Mammalia; Rodentia; Sciuridae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5578	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5579	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5580	?Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5581	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5582	Cupidinimus halli	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5583	?Canidae	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5584	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5585	Copemys sp.	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5586	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5587	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5588	cf. Copemys longidens	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5589	Miospermophilus sp.	Mammalia; Rodentia; Sciuridae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5590	cf. Cupidinimus lindsayi	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5591	Cupidinimus halli	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5592	Miospermophilus sp.	Mammalia; Rodentia; Sciuridae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5593	cf. Copemys tenuis	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5594	Perognathus minutus	Mammalia; Rodentia; Heteromyidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5595	?Mustelidae	Mammalia; Carnivora; Mustelidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5596	Cynarctus galushai	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5597	?Leptocyon vafer	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5598	Paratomarctus temerarius	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5599	Cynarctus galushai	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5600	Mustelidae	Mammalia; Carnivora; Mustelidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5601	Cynarctus galushai	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5602	Felidae	Mammalia; Carnivora; Felidae	Miocene; Barstovian; Barstow	San Bernardino County, California

Appendix 5 - San Bernadino County Museum Fossils From the Barstow Formation

<u>Object No</u>	<u>Taxon Name</u>	<u>Higher Taxa</u>	<u>Stratigraphy</u>	<u>Geography</u>
L1816-5603	Paratomarctus temerarius	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5604	Chordata	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5605	?Cricetidae	Mammalia; Rodentia; Cricetidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5606	Canidae	Mammalia; Carnivora; Canidae	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5607	Rodentia	Mammalia; Rodentia	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5608	Rodentia	Mammalia; Rodentia	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5609	Rodentia	Mammalia; Rodentia	Miocene; Barstovian; Barstow	San Bernardino County, California
L1816-5610	?Rodentia	Mammalia; Rodentia	Miocene; Barstovian; Barstow	San Bernardino County, California

Appendix 6 - UCMP Fossil Locality Search- Monte Cristo Formation

spec_id	specno	ucmp_coll	class	genus	species	period	loc_ID_num	loc_name	county_std	state_prov_std	country_std
I36505	36505	I	Echinoidea	Lovenechinus	cf. L. septies	Mississippian	B1107	Mountain Springs Pass	Clark County	Nevada	United States
I36506	36506	I	Echinoidea	Lovenechinus	cf. L. septies	Mississippian	B1107	Mountain Springs Pass	Clark County	Nevada	United States
I36507	36507	I	Echinoidea	Lovenechinus	cf. L. septies	Mississippian	B1107	Mountain Springs Pass	Clark County	Nevada	United States



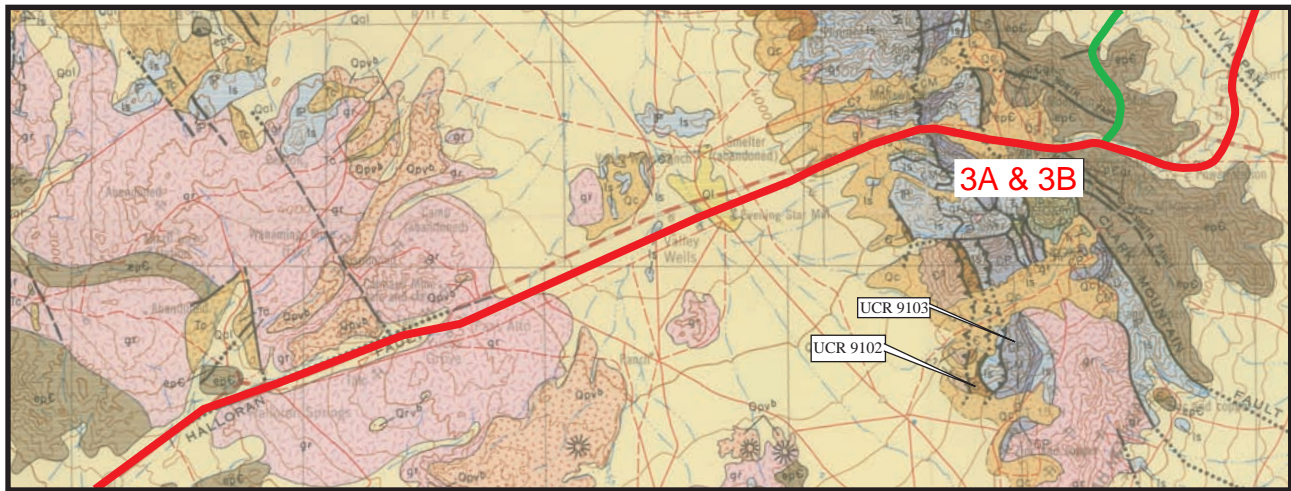
Units Along and Near Alignment

Quaternary	Qal Quaternary Alluvium	Jqd Jurassic Quartz Diorite (Jurassic)
	Ql Quaternary Lacustrine Deposits	JTrv Triassic to Jurassic Metavolcanic
	Qoa Older Alluvium (Pleistocene)	Rm Permian Marine (UCR database: Bird Springs Formation)
	QP Pliocene to Pleistocene Nonmarine	Pzrm Paleozoic Marine (Paleozoic Undivided)
Miocene	Tc Tertiary Nonmarine (Undivided Tertiary)	Xgn Proterozoic Metamorphic Rocks
	Tv Tertiary Volcanics: Tv _r -rhyolite; Tv _a -andesite; Tv _b -basalt; Tv _p -pyroclastic rocks	
Cretaceous	Kg Cretaceous Granite	
Jurassic-Cretaceous	JKgr Jurassic to Cretaceous Granite	
Jurassic	Jmc Jurassic Mixed Complex (Granite to Diorite)	Jqm Jurassic Quartz Monzonite (variably-foliated)

	Alignment Approximately Located
	Fossil Locality; approx. located
	Approximate location of segments

Map Source:
Walker, D.J., Martin, M.W., and Glazner, A.F., 2002, Late Paleozoic to Mesozoic development of the Mojave Desert and environs, Plate 1: Geologic Map of Northern Mojave Desert & Southwestern Basin and Range, California.

Geologic Map of Baker Area Showing
Geologic Units Along Proposed Alignment
Paleontological Resources for the
Proposed DesertXpress Project



— Alignment
 Approximately
 Located
— Alignment
 Approximately
 Located



Unit Description

Quaternary	Qol	Alluvium (Holocene)	Undivided Tertiary	Jurassic- Paleozoic Cretaceous	gr	Mesozoic granitic rocks	
	Qf	Fan Deposits (Holocene)			P	ls	Paleozoic marine (limestone or dolomite)
	Qc	Pleistocene nonmarine			Carboniferous	CP	Pennsylvanian marine
	Qpv	Pleistocene volcanics				CM	Mississippian marine
	Tc	Tertiary nonmarine			Devonian	D	Devonian marine
				Precambrian		epC	Earlier Precambrian metamorphic rocks

Map Source:
 California Division of Mines and Geology, 1961, Geologic
 Map of California: Kingman Sheet, Olaf P. Jenkins Edition.

Fossil Localities;
 approx. located

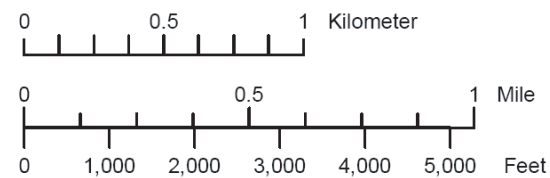
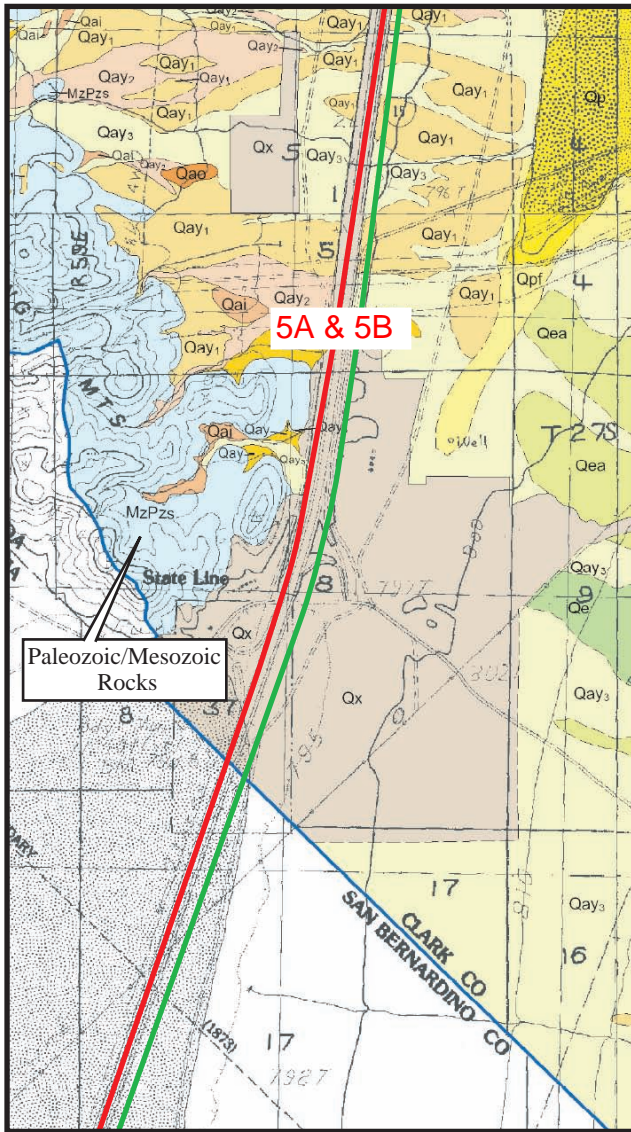
UCR 9103 Pennsylvanian Bird Springs Formation

UCR 9102 Cambrian Goodsprings Formation

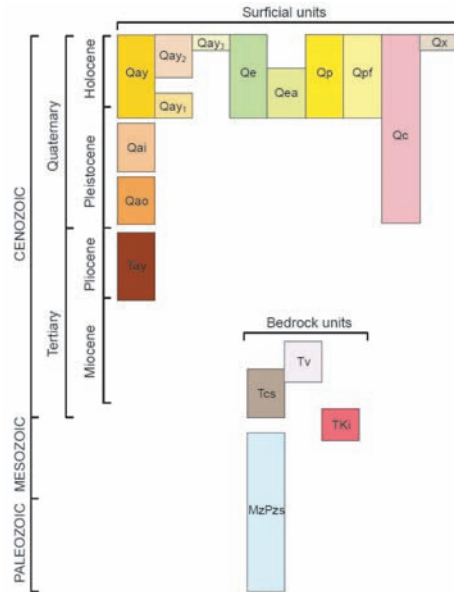
3A Approximate location of segments



Geologic Map of Portions of the Geologic
 Map of California: Kingman Sheet Quadrangle
 Paleontological Resources for the
 Proposed DesertXpress Project



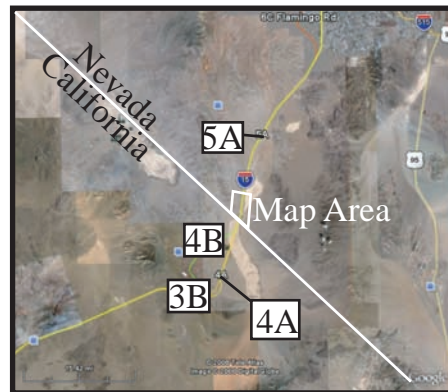
Map Source:
 Nevada Bureau of Mines and Geology, 2006, Preliminary surficial geologic map of the Ivanpah Valley part of the Ivanpah and State Line Pass 7.5' Quadrangles, Clark County, Nevada, Open File Report 06-11E.



Unit Description

- Qx Disturbed and modified areas
- Qp Playa deposits (latest Holocene to late Pleistocene)
- Qe Eolian sand (Holocene to late Pleistocene) sand and minor silt. Light tan to light yellow
- Qea Mixed eolian sand and alluvium (early Holocene to late Pleistocene)
- Qay Young alluvium, undivided (Holocene to late Pleistocene)
- Qay2 Young active alluvium and recently abandoned active alluvial surfaces (Holocene)
- Qay1 Young inactive alluvium (early Holocene to late Pleistocene)
- Qai Intermediate alluvium, undivided (late to middle Pleistocene)
- Qao Old alluvium, (middle to early Pleistocene)
- MzPzs Old sedimentary rocks, undivided (Cretaceous to Cambrian)

- Alignment
- Approximately Located

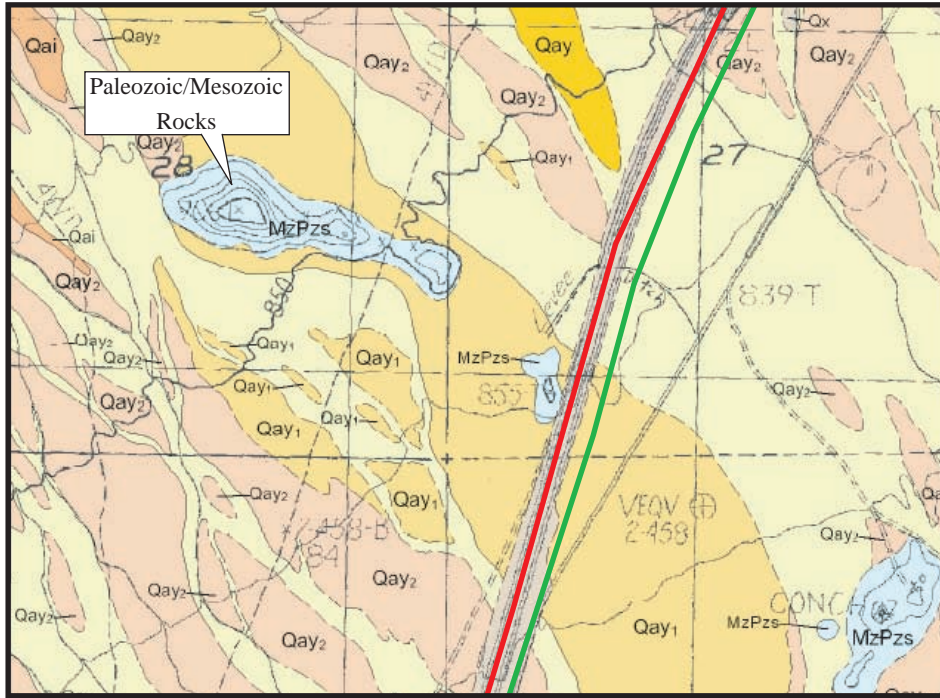


— Proposed Alignment

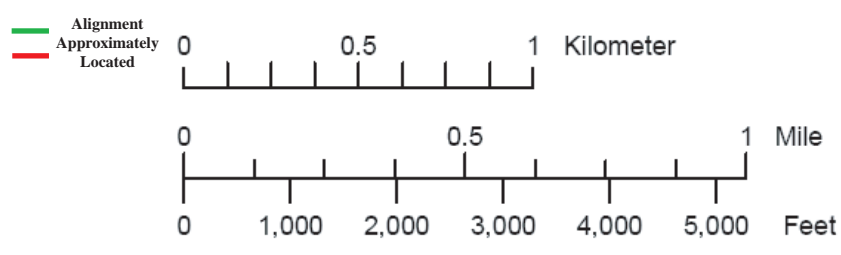
Geologic Map of Portions of the Ivanpah and State Line Pass 7.5' Quadrangles Showing Holocene to Paleozoic Units Deposits

Paleontological Resources for the Proposed DesertXpress Project

Figure
4



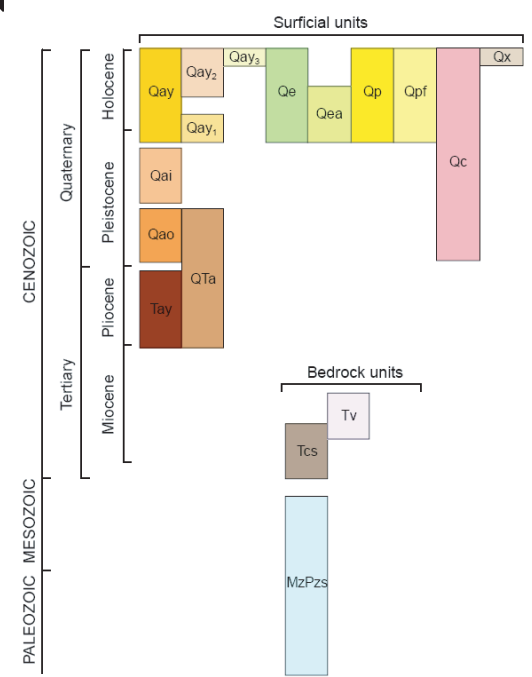
— Proposed Alignment



Unit Description:

- Qx Disturbed and modified areas
- Qay Young alluvium, undivided (Holocene to late Pleistocene)
- Qay₂ Young active alluvium and recently abandoned active alluvial surfaces (Holocene)
- Qay₁ Young inactive alluvium (early Holocene to late Pleistocene)
- MzPzs Old sedimentary rocks, undivided (Cretaceous to Cambrian)

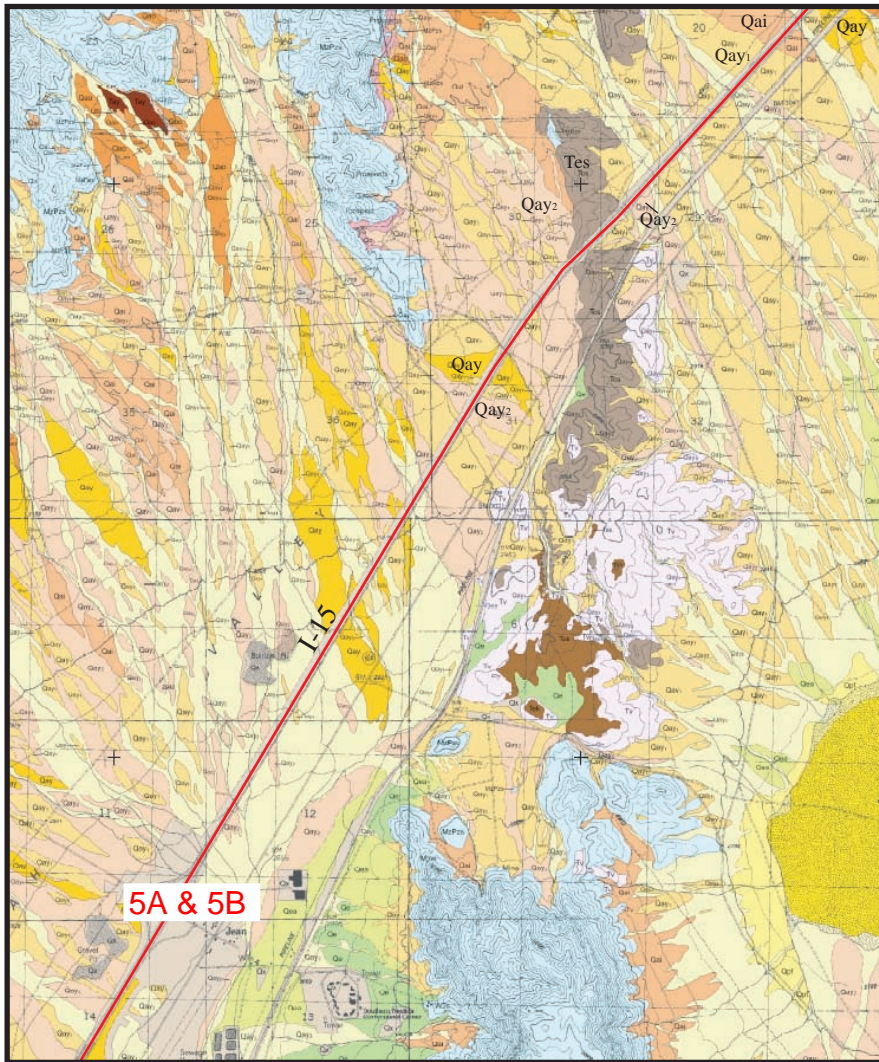
Map Source:
 Nevada Bureau of Mines and Geology, 2006, Preliminary surficial geologic map of the Ivanpah Valley part of the Roach and Desert 7.5' Quadrangles, Clark County, Nevada, Open File Report 06-11F.



Geologic Map of Portions of the Hidden Valley, Sloan, Sloan NE, and Sloan SE 7.5' Quadrangles Showing Holocene to Paleozoic Units Deposits

Figure 5

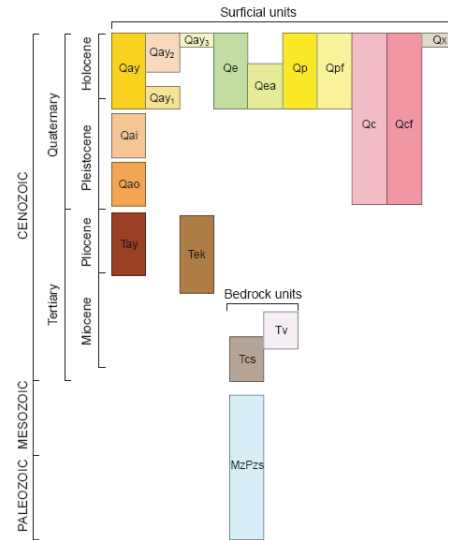
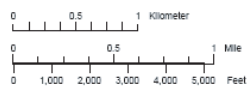
Paleontological Resources for the Proposed DesertXpress Project



5A & 5B

— Alignment
Approximately
Located

5A Approximate
Segment Location



Unit Descriptions

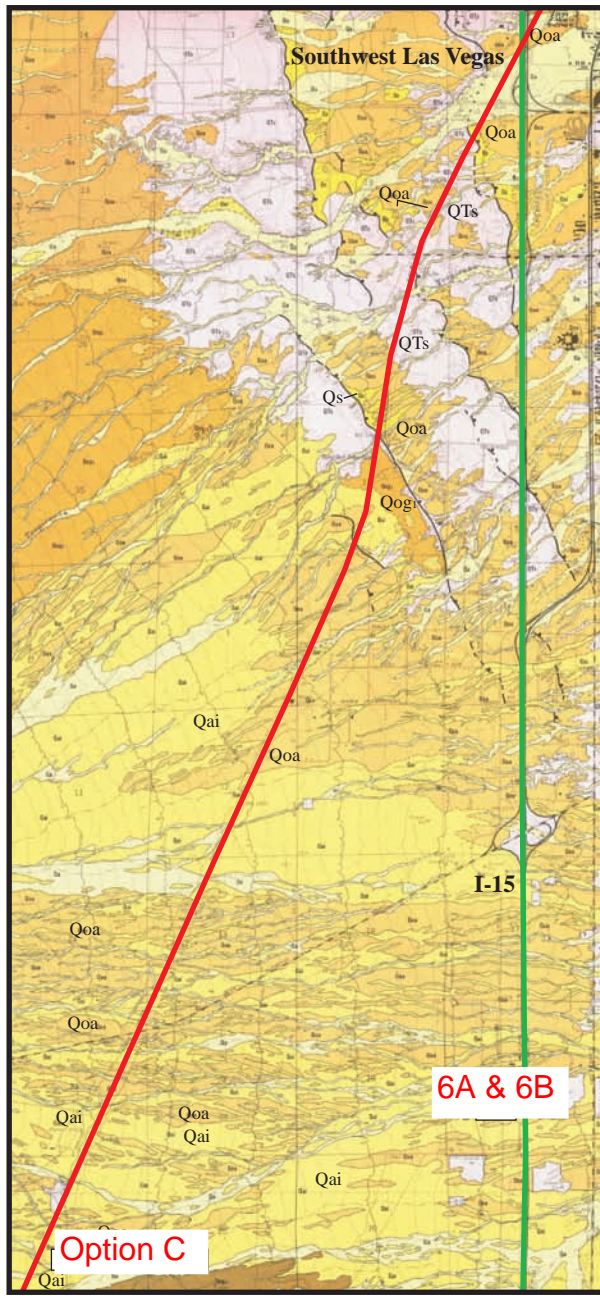
- QX Disturbed and modified areas
- Qp Playa deposits (latest Holocene to late Pleistocene)
- Qpf Playa fringe deposits (Holocene to late Pleistocene)
- Qe Eolian sand (Holocene to late Pleistocene)
- Qea Mixed eolian sand and alluvium (early Holocene to late Pleistocene)
- Qc Colluvium (Holocene to Pleistocene)
- Qcf Colluvium and debris fans (Holocene to Pleistocene)
- Qay Young alluvium, undivided (Holocene to late Pleistocene)
- Qay₃ Young active alluvium (late Holocene)
- Qay₂ Young active alluvium and recently abandoned active alluvial surfaces (Holocene)
- Qay₁ Young inactive alluvium (early Holocene to late Pleistocene)
- Qai Intermediate alluvium, undivided (late to middle Pleistocene)
- Qao Old alluvium, (middle to early Pleistocene)
- Tay Ancient alluvium (Pliocene to late Miocene)
- Tek Ancient petrocalcic soil remnants (Pliocene to late Miocene)
- Tcs Young sedimentary rocks, undivided (Miocene to Oligocene?)
- Tv Young volcanic rocks, undivided (late? to middle Miocene)
- MzPzs Old sedimentary rocks, undivided (Cretaceous to Cambrian)

Map Source:

Nevada Bureau of Mines and Geology, 2006, Preliminary surficial geologic map of the Ivanpah Valley part of the Jean and Bird Spring 7.5' Quadrangles, Clark County, Nevada, Open File Report 06-11C.



Geologic Map of Portions of the Jean and Bird Spring 7.5' Quadrangle
Showing Pleistocene-Miocene-Oligocene Deposits
Paleontological Resources for the
Proposed DesertXpress Project



— Alignment
— Approximately Located

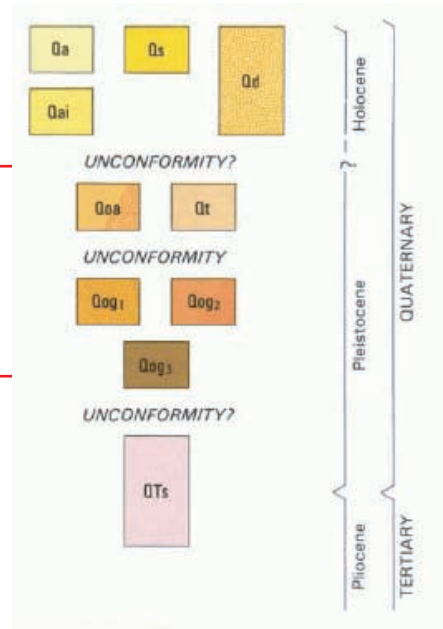


Map Source:

Nevada Bureau of Mines and Geology, 1985, Las Vegas Southwest Quadrangle-Geologic Map, Clark County, Nevada, Map 3Bg.

6A
6B Approximate location of segments
6C

Age Correlative to Las Vegas Formation



Unit Description

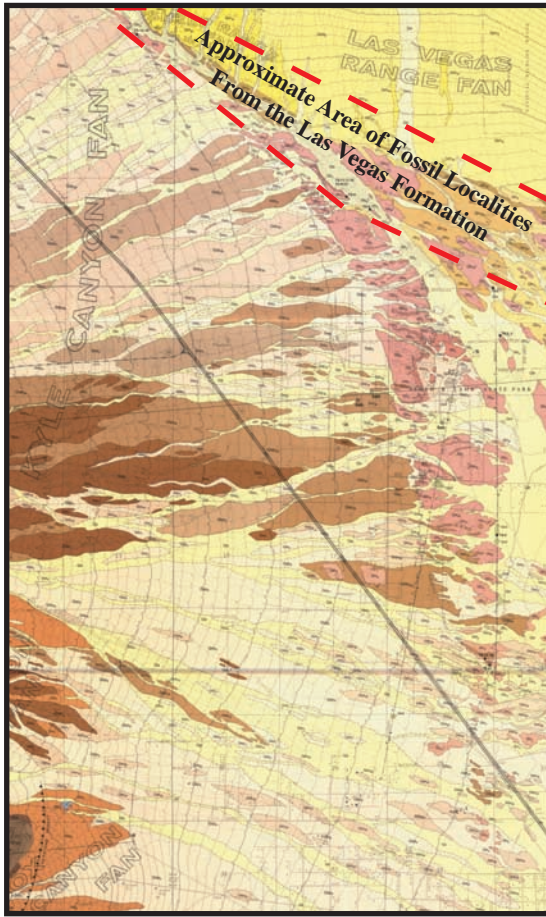
- Qa** Alluvium of active washes
- Qs** Sheetwash alluvium
- Qd** Sand dunes
- Qai** Intermittently active alluvium
- Qi** Inactive alluvium
- Qoa** Older alluvium of Red Rock fan
- Qog** Older gravel deposits
- QTs** Consolidated sediments



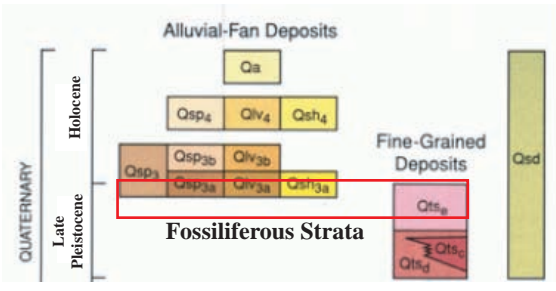
Geologic Map of Portions of the Las Vegas SW 7.5' Quadrangle
 Showing Pleistocene Deposits
 Paleontological Resources for the
 Proposed DesertXpress Project

Figure 7

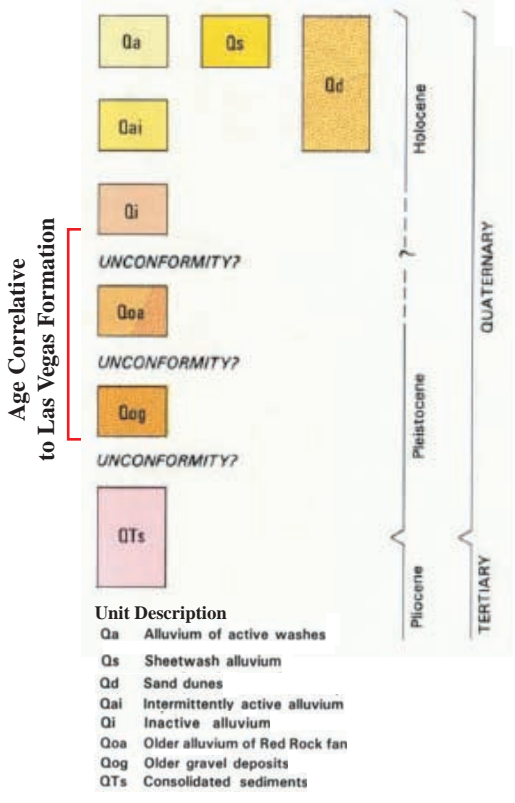
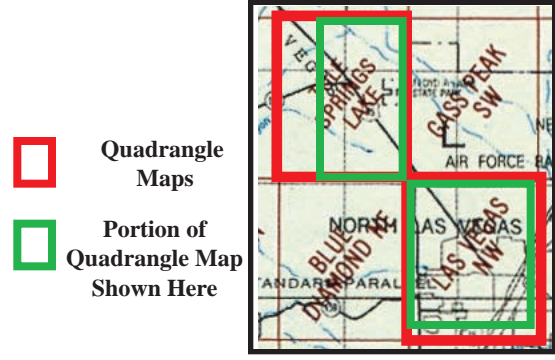
Map Source: Nevada Bureau of Mines and Geology, 1998, Geologic map of the Tule Springs Park Quadrangle, Nevada, Map 113



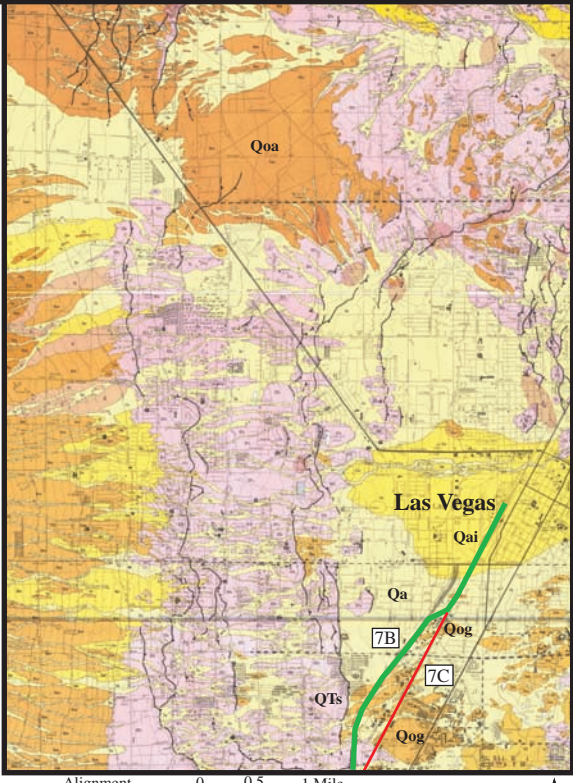
Continues onto Glass Peak SW Quadrangle



- Unit Description**
- Qsp Spring Mound Deposits
 - Qa Alluvium of active washes
 - Qsp Alluvial-Fan Deposits of the Spring Mountains
 - QTg Older alluvial-fan deposits, undivided
 - Qsh Alluvial-Fan deposits of the Las Vegas and Sheep Ranges
 - Qlv Mainstream Alluvium of Las Vegas Wash
 - Qts Fine-Grained Alluvium of Tule Springs
 - QTs Older fine-grained sediments, undivided



Map Source: Nevada Bureau of Mines and Geology, 1987, Las Vegas NW Quadrangle, Geologic Map Map 3Dg.

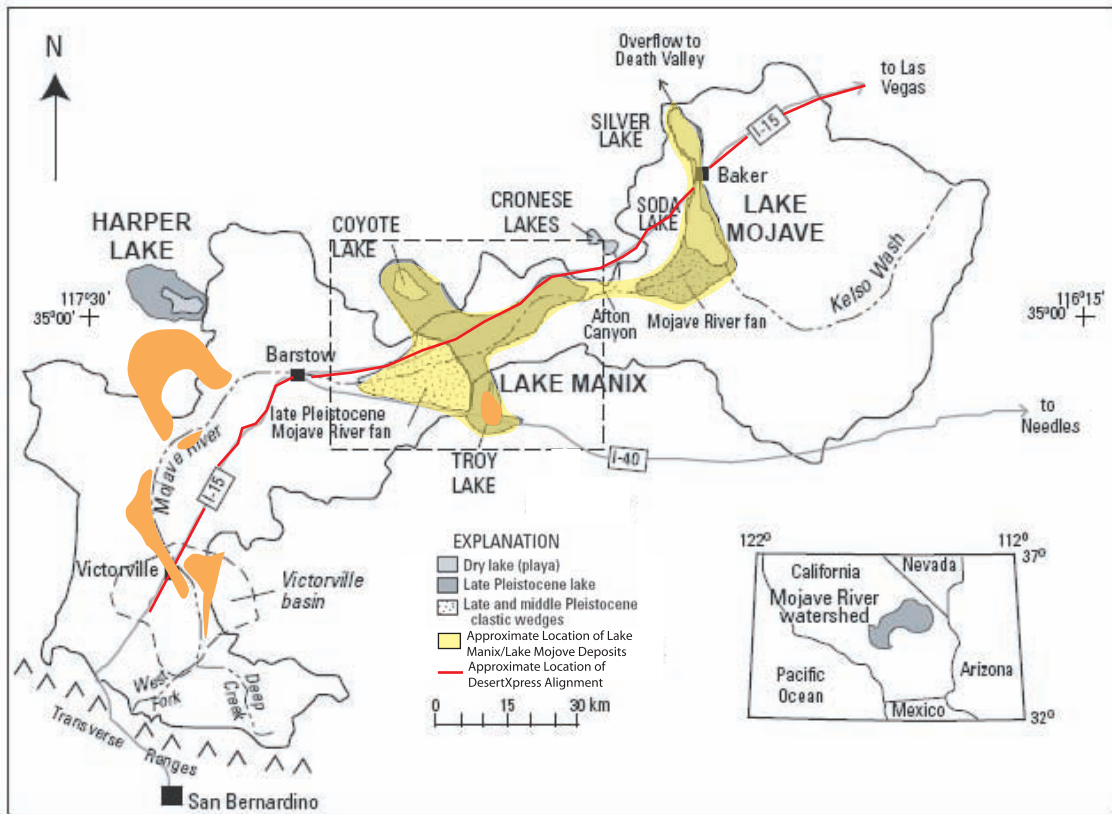


- Alignment
- Approximately Located
- 7B Approximate Segment Location

Geologic Map of Portions of the Tule Springs and Glass Peak SW 7.5' Quadrangle Showing Pleistocene Deposits

Paleontological Resources for the Proposed DesertXpress Project

Figure 8

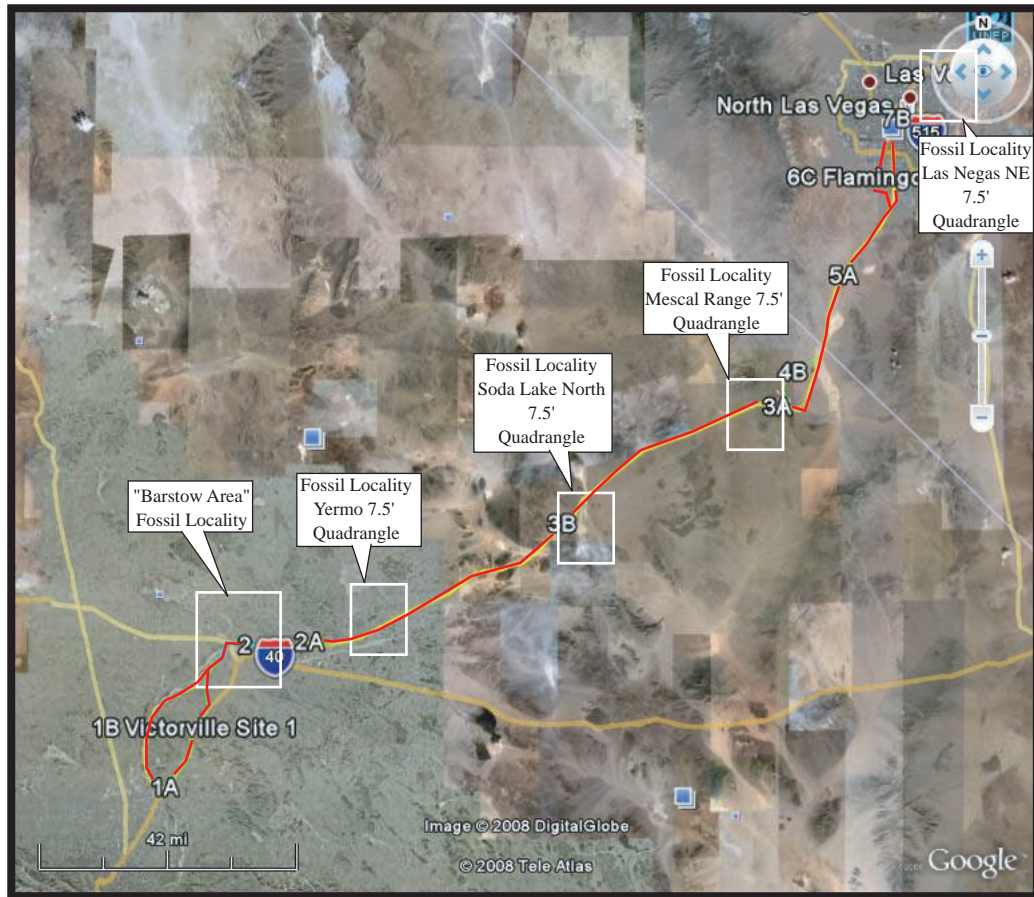


Mojave River drainage basin in southern California (modified from Reheis and Redwine, 2007 and Enzel and others, 2003). During historic high-precipitation years, most recently in early 2005, the river flows into Silver Lake playa. In late Pleistocene time, after breaching of the Lake Manix basin, Lake Mojave episodically discharged northward into Death Valley (Reheis and Redwine, 2007).

Map of Lake Manix/Lake Mojave Deposits

Paleontological Resources for the Proposed DesertXpress Project

Figure 9



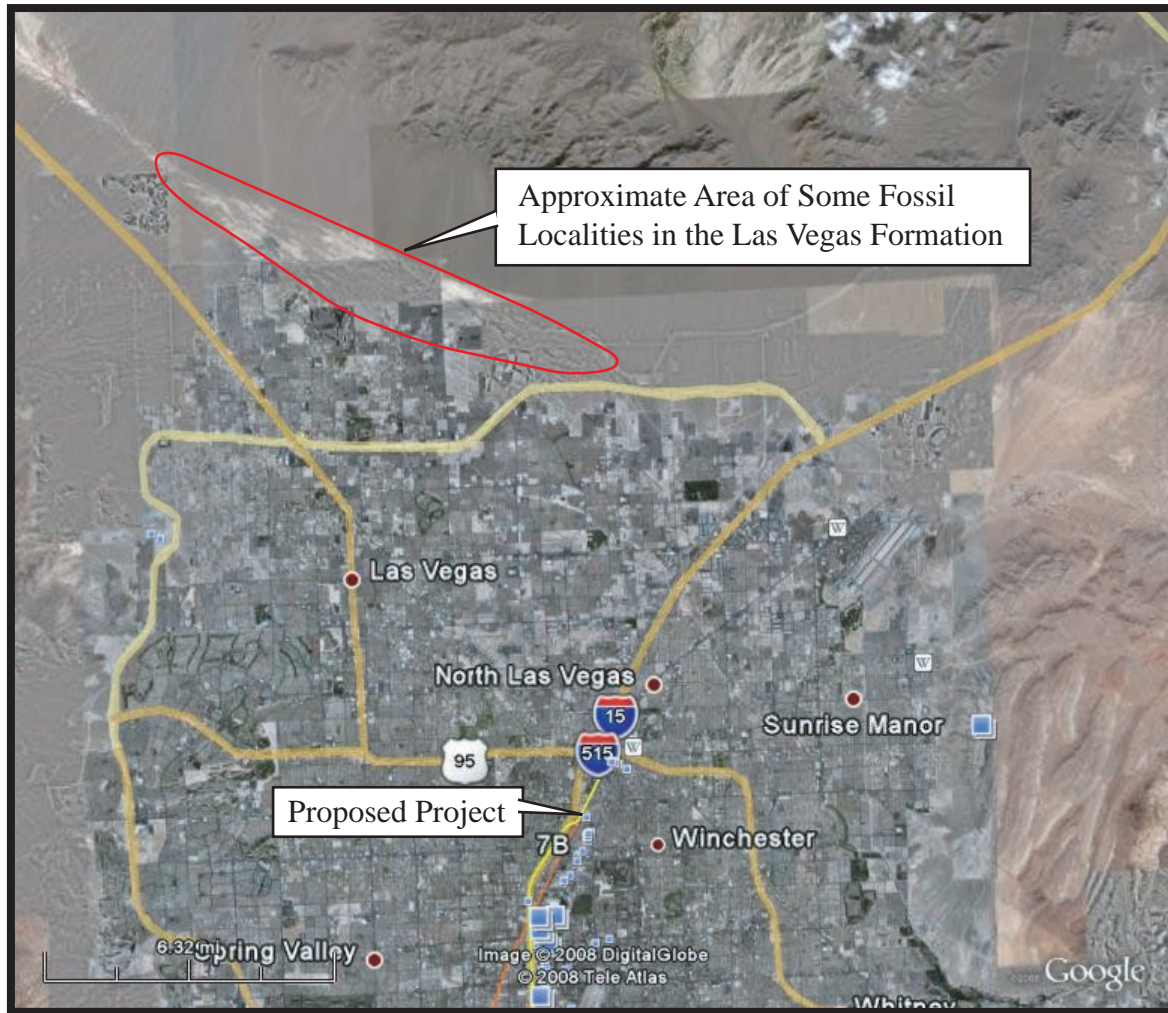
- 1A Segment numbers for proposed DesertXpress alignment.
- Approximate location of proposed DesertXpress alignment.



Approximate locations of invertebrate fossil localities from the University of California, Riverside (See Appendix 1 for locality and paleontological information).

Invertebrate Fossil Locality Search
 University of California, Riverside
 Paleontological Resources for the
 Proposed DesertXpress Project

Figure
 10



Area of some of the Pleistocene-age fossil localities from the Las Vegas Formation exposed north of Las Vegas have yielded notable fauna including: Shasta ground sloth, extinct Columbian mammoth, North American lion, and bison. The fossiliferous formation has been demonstrated to occur south through the city of Las Vegas (Longwell et al, 1965; Haynes, 1967; Matti and others, 1993; Donovan, 1996; Bell et. al, 1998).

Locality and Formation References:

- Bell, J.W., A.R. Ramelli and S.J. Caskey, 1998. Geologic map of the Tule Springs quadrangle, Nevada, 1:24,000. Nevada Bureau of Mines and Geology Map 113.
- Quade, J., 1986. Late Quaternary environmental changes in the Upper Las Vegas Valley, Nevada. *Quaternary Research* 26: 340-357.
- Donovan, D.J., 1996. Hydrostratigraphy and allostratigraphy of the Cenozoic alluvium in the northwestern part of Las Vegas Valley, Clark County, Nevada. Unpublished Master's thesis, Department of Geoscience, University of Nevada, Las Vegas. 199 p.
- Haynes, C.V., 1967. Quaternary geology of the Tule Springs area, Clark County, Nevada, in H.M. Wormington and D. Ellis (eds.), *Pleistocene studies in southern Nevada*. Nevada State Museum Anthropological Papers 13: 151-164.
- [Http://www.co.san-bernardino.ca.us/MUSEUM/divisions/geo/pdf/SVP_2005_LasVegas.pdf](http://www.co.san-bernardino.ca.us/MUSEUM/divisions/geo/pdf/SVP_2005_LasVegas.pdf)
- Quade, J., R.M. Forester and J.F. Whelan, 2003. Late Quaternary paleohydrologic and paleotemperature change in southern Nevada, in Y. Enzel, S.G. Wells and N. Lancaster (eds.), *Paleoenvironments and paleohydrology of the Mojave and southern Great Basin Deserts*. Boulder, Colorado: Geological Society of America Special Paper 368, p. 165-188.
- Longwell, C.R., E.H. Pampeyan, B. Bower, and R.J. Roberts, 1965. Geology and mineral deposits of Clark County, Nevada. Nevada Bureau of Mines and Geology Bulletin 62: 218 p.
- Quade, J. and W.L. Pratt, 1989. Late Wisconsin groundwater discharge environments of the southwestern Indian Springs Valley, southern Nevada. *Quaternary Research* 31: 351-370.
- Wormington, H. M. and D. Ellis, (Eds.) 1967, *Pleistocene Studies in Southern Nevada*. Nevada State Museum of Anthropology Paper No. 13, Carson City, Nevada.

Some Fossil Localities of the Las Vegas Formation
 Paleontological Resources for the
 Proposed DesertXpress Project

Figure
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