

APPENDIX C

**Historical/Archaeological Resources Survey Report
and
Archaeological Exploratory Testing Program Report
Assessor's Parcel Number 0599-191-49
Joshua Tree Area
San Bernardino County, California**

HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT

ASSESSOR'S PARCEL NUMBER 0599-191-49

Joshua Tree Area, San Bernardino County, California

For Submittal to:

Planning Division
County of San Bernardino
Jerry Lewis High Desert Government Center
15900 Smoke Tree Street, Suite 131
Hesperia, CA 92345

Prepared for:

JT304, LLC
5023 Varna Avenue
Sherman Oaks, CA 91423

Prepared by:

CRM TECH
1016 East Cooley Drive, Suite A/B
Colton, CA 92324

Bai "Tom" Tang, Principal Investigator
Michael Hogan, Principal Investigator

June 30, 2022
CRM TECH Contract No. 3796

Title: Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

Author(s): Bai "Tom" Tang, Principal Investigator
Terri Jacquemain, Historian/Report Writer
Daniel Ballester, Archaeologist/Field Director
Hunter O'Donnell, Archaeologist

Consulting Firm: CRM TECH
1016 East Cooley Drive, Suite A/B
Colton, CA 92324
(909) 824-6400

Date: June 30, 2022

For Submittal to: Planning Division
County of San Bernardino
Jerry Lewis High Desert Government Center
15900 Smoke Tree Street, Suite 131
Hesperia, CA 92345
(760) 995-8140

Prepared for: Temil Marmon
JT304, LLC
5023 Varna Avenue
Sherman Oaks, 91423
(310) 500-7007

USGS Quadrangle: Joshua Tree North, Calif., 7.5' quadrangle (Section 11, T1N R6E, San Bernardino Baseline and Meridian)

Project Size: Approximately 304 acres

Keywords: Southern Mojave Desert; Phase I cultural resources survey; CRM TECH 3769-1 to CRM TECH 3796-24 (temporary designations; two prehistoric archaeological sites, two historic-period archaeological sites, and 20 isolates); prehistoric lithic artifacts and historic-era refuse items; not "historical resources" under CEQA

MANAGEMENT SUMMARY

Between October 2021 and June 2022, at the request of JT304, LLC, CRM TECH performed a cultural resources study on approximately 304 acres of undeveloped land near the unincorporated community of Joshua Tree, San Bernardino County, California. The subject property of the study, Assessor's Parcel Number 0599-191-49, is located at the southeast corner of Aberdeen Drive and Outpost Road, in the east half of Section 11, T1N R6E, San Bernardino Baseline and Meridian, as depicted in the United States Geological Survey Joshua Tree North, California, 7.5' quadrangle.

The study is part of the environmental review process for the proposed subdivision of the land for future development. The County of San Bernardino, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA). The purpose of this study is to provide the County with the necessary information and analysis to determine whether the proposed project would cause a substantial adverse change to any "historical resources," as defined by CEQA, that may exist in or around the project area.

In order to identify such resources, CRM TECH initiated a historical/archaeological resources records search, consulted with Native American representatives, pursued historical background research, and carried out an intensive-level field survey. As a result of these research procedures, 4 archaeological sites and 20 isolates of both prehistoric and historical origin were recorded within the project area and designated temporarily as CRM TECH 3769-1 to CRM TECH 3796-24, pending assignment of official identification numbers once the California Historical Resources Information System resumes normal operation.

The two historic-period sites, CRM TECH 3769-1 and CRM TECH 3769-9, consist of refuse scatters from the mid-20th century, and the two prehistoric sites, CRM TECH 3769-13 and CRM TECH 3769-15, consist of lithic scatters. These four sites were evaluated against the criteria for listing in the California Register of Historical Resources and determined not to be eligible. Therefore, they do not qualify as "historical resources" under CEQA provisions. The 20 isolates represent isolated artifacts of similar nature. Such isolates, or localities with fewer than three artifacts, by definition do not qualify as archaeological sites due to the lack of depositional context and thereby of information potential. As such, they do not constitute potential "historical resources" and require no further consideration.

Based on these findings, CRM TECH recommends to the County of San Bernardino a finding of *No Impact* regarding "historical resources." No further cultural resources investigation is recommended for the project unless development plans undergo such changes as to include areas not covered by this study. However, if buried cultural materials are encountered during future earth-moving operations on the property resulting from the subdivision, all work within 50 feet of the discovery should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

TABLE OF CONTENTS

MANAGEMENT SUMMARY	i
INTRODUCTION	1
SETTING.....	4
Current Natural Setting	4
Cultural Setting	5
Prehistoric Context.....	5
Ethnohistoric Context	5
Historic Context	6
RESEARCH METHODS	7
Records Search.....	7
Native American Input.....	8
Historical Background Research.....	8
Field Survey	8
RESULTS AND FINDINGS	8
Records Search.....	8
Native American Input.....	10
Historical Background Research.....	10
Field Survey	11
DISCUSSION	11
CONCLUSION AND RECOMMENDATIONS	13
REFERENCES	14
APPENDIX 1: Personnel Qualifications	16
APPENDIX 2: Native American Responses	21
APPENDIX 3: California Historical Resources Inventory Record Forms	28

LIST OF FIGURES

Figure 1. Project vicinity.....	1
Figure 2. Project area	2
Figure 3. Recent satellite image of the project area	3
Figure 4. Overview of the current natural setting of the project area	4
Figure 5. Previous cultural resources studies within the scope of the records search	9
Figure 6. The project area and vicinity in 1855-1856.....	10
Figure 7. The project area and vicinity in 1952	11
Figure 8. The project area and vicinity in 1970-1972.....	11

INTRODUCTION

Between October 2021 and June 2022, at the request of JT304, LLC, CRM TECH performed a cultural resources study on approximately 304 acres of undeveloped land near the unincorporated community of Joshua Tree, San Bernardino County, California (Fig. 1). The subject property of the study, Assessor's Parcel Number 0599-191-49, is located at the southeast corner of Aberdeen Drive and Outpost Road, in the east half of Section 11, T1N R6E, San Bernardino Baseline and Meridian, as depicted in the United States Geological Survey Joshua Tree North, California, 7.5' quadrangle (Figs. 2, 3).

The study is part of the environmental review process for the proposed subdivision of the land for future development. The County of San Bernardino, as the lead agency for the project, required the study in compliance with the California Environmental Quality Act (CEQA; PRC §21000, et seq.). The purpose of this study is to provide the County with the necessary information and analysis to determine whether the proposed project would cause a substantial adverse change to any "historical resources," as defined by CEQA, that may exist in or around the project area.

In order to identify such resources, CRM TECH initiated a historical/archaeological resources records search, consulted with Native American representatives, pursued historical background research, and carried out an intensive-level field survey. The following report is a complete account of the methods, results, and final conclusion of the study. Personnel who participated in the study are named in the appropriate sections below, and their qualifications are provided in Appendix 1.

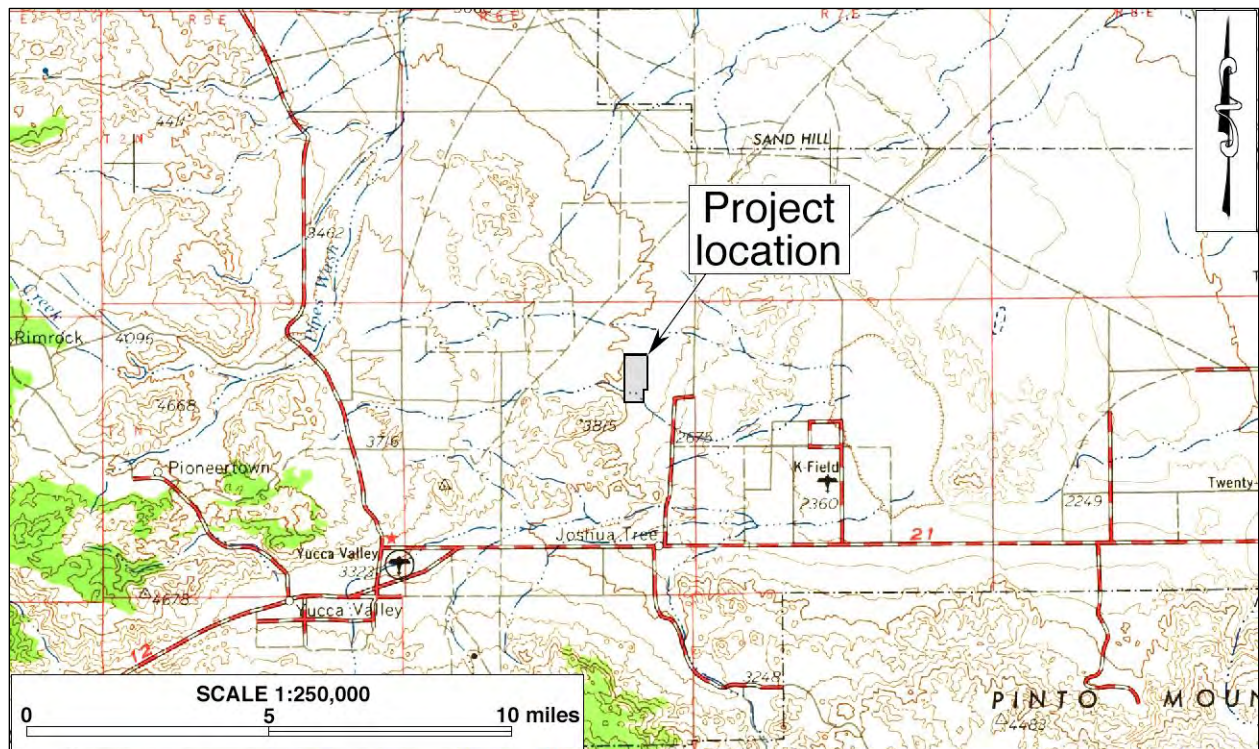


Figure 1. Project vicinity. (Based on USGS San Bernardino, Calif., 120' x 60' quadrangle [USGS 1969])

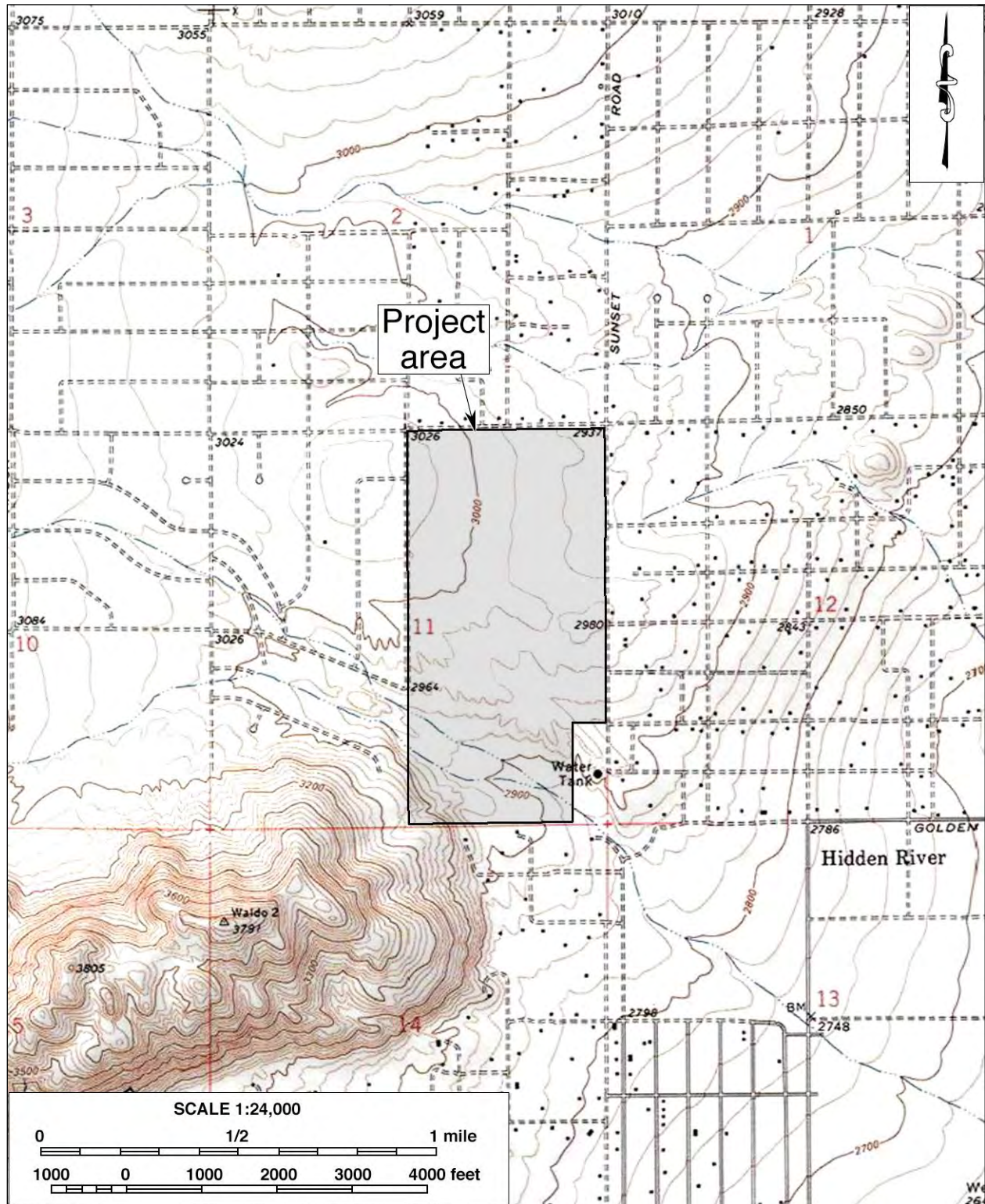


Figure 2. Project area. (Based on USGS Joshua Tree North, Calif., 7.5' quadrangle [USGS 1994])

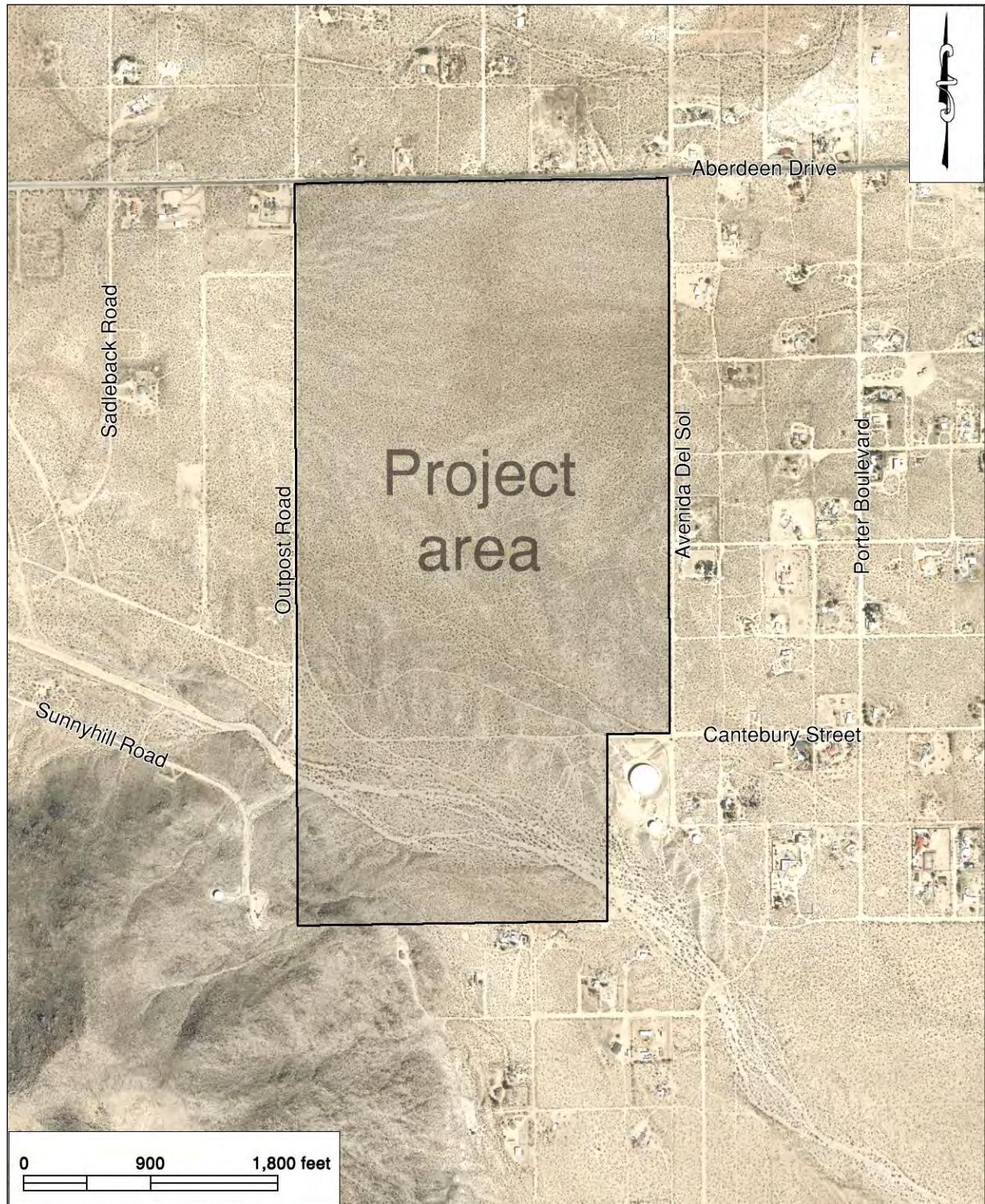


Figure 3. Recent satellite image of the project area.

SETTING

CURRENT NATURAL SETTING

The community of Joshua Tree is located in the Morongo Basin, on the southern edge of the Mojave Desert. The project location is approximately two miles north of Joshua Tree, at the northeastern base of the Bartlett Mountains. The climate and environment of the area is typical of southern California “high desert” country, so-called because of its higher elevation than the Colorado Desert to the south. The climate is marked by extremes in temperature and aridity, with summer highs in July averaging over 100°F and winter lows in December averaging 35°F. The average annual precipitation is roughly five inches, most of which occurs during late winter, early spring, and the occasional monsoon storms in summer.

The project area encompasses a large tract of undeveloped desert land that has been disturbed to some extent in the past, as evidenced by the presence of crisscrossing dirt roads and illegally dumped trash. It is bounded on the north by Aberdeen Drive, on the west by Outpost Road, and on the east by Avenida Del Sol. The surrounding land use features other parcels of vacant land mixed with scattered rural residences (Fig. 3). Elevations in the project area range approximately from 2,860 to 3,060 feet above mean sea level. The terrain is relatively level in the northern two-thirds of the project area but is characterized by a hilly band and a wide wash that extend roughly east-west across the southern third (Figs. 2, 3). In the southwestern corner of the property, the terrain rises sharply up the slope of the Bartlett Mountains (Figs. 2-4). Vegetation in the project area includes beavertail cactus, cholla cactus, cotton cactus, desert trumpet, creosote, ephedra, yucca, and Joshua trees, as well as other small grasses and brush (Fig. 4).



Figure 4. Overview of the current natural setting of the project area. (Photograph taken on December 20, 2021; view to the northeast from the southern project boundary)

CULTURAL SETTING

Prehistoric Context

In order to understand the progress of Native American cultures prior to European contact, archaeologists have devised chronological frameworks on the basis of artifacts and site types that date back some 12,000 years. Currently, the chronology most frequently applied in the Mojave Desert divides the region's prehistory into five periods marked by changes in archaeological remains, reflecting different ways in which Native peoples adapted to their surroundings. According to Warren (1984) and Warren and Crabtree (1986), the five periods are as follows: the Lake Mojave Period, 12,000 years to 7,000 years ago; the Pinto Period, 7,000 years to 4,000 years ago; the Gypsum Period, 4,000 years to 1,500 years ago; the Saratoga Springs Period, 1,500 years to 800 years ago; and the Protohistoric Period, 800 years ago to European contact.

More recently, Hall (2000) presented a slightly different chronology for the region, also with five periods: Lake Mojave (ca. 8000-5500 B.C.), Pinto (ca. 5500-2500 B.C.), Newberry (ca. 1500 B.C.-500 A.D.), Saratoga (ca. 500-1200 A.D.), and Tecopa (ca. 1200-1770s A.D.). According to Hall (*ibid.*:14), small highly mobile groups of hunters and gatherers inhabited the Mojave Desert during the Lake Mojave sequence. Their material culture is represented by the Great Basin Stemmed points and flaked stone crescents. They continued to inhabit the region during the Pinto Period, which saw an increased reliance on ground foods, small and large game animals, and the collection of vegetal resources, suggesting that "subsistence patterns were those of broad-based foragers" (*ibid.*:15). Artifact types found in association with this period include the Pinto points and *Olivella* sp. spire-looped beads.

Distinct cultural changes occurred during the Newberry Period, in comparison to the earlier periods, including "geographically expansive land-use pattern...involving small residential groups moving between select localities," long-distance trade, and diffusion of trait characteristics (Hall 2000:16). Typical artifacts from this period are the Elko and Gypsum Contracting Stem points and Split Oval beads. The two ensuing periods, Saratoga and Tecopa, are characterized by seasonal group settlements near accessible food resources and the intensification of the exploitation of plant foods, as evidenced by groundstone artifacts (*ibid.*:16).

Hall (2000:16) states that "late prehistoric foraging patterns were more restricted in geographic routine and range, a consequence of increasing population density" and other variables. Saratoga Period artifact types include Rose Spring and Eastgate points as well as Anasazi grayware pottery. Artifacts from the Tecopa Period include Desert Side-notched and Cottonwood Triangular points, buffware and brownware pottery, and beads of the Thin Lipped, Tiny Saucer, Cupped, Cylinder, steatite, and glass types (*ibid.*).

Ethnohistoric Context

The Native American groups living near the project location in recent centuries were the Serrano and the Chemehuevi. The Serrano's homeland was centered in the nearby San Bernardino Mountains but also included lowlands along both flanks of the mountain range. The Chemehuevi, a subgroup of the Southern Paiute, traditionally occupied the portion of the Mojave Desert extending east to the

Colorado River. Both groups belong to the larger Shoshonean language stock, which in turn is part of the Uto-Aztecan linguistic family. The leading anthropological works on the Chemehuevi include Kroeber (1925), Laird (1976), and Kelly and Fowler (1986), while the basic references on the Serrano are Kroeber (1925), Strong (1929), and Bean and Smith (1978). The following ethnohistoric discussion is based primarily on these sources.

Prior to European contact, native subsistence practices were defined by the surrounding landscape and were based primarily on the cultivating and gathering of wild foods and hunting, exploiting nearly all of the resources available. The Serrano settled mostly on elevated terraces, hills, and finger ridges near where flowing water emerged from the mountains, while the Chemehuevi, with fewer people spread over a much wider area, cultivated, gathered, and hunted in the open deserts, but were also known for their agricultural practices, in particular the cultivation of corn, beans, squash, and melons. Social customs brought members of each tribe together at important base camps or villages for annual ceremonies and tribal interaction with neighboring groups.

Both tribal groups had a variety of technological skills that they used to acquire subsistence, shelter, and medicine or to create ornaments and decorations. Common tools included manos and metates, mortars and pestles, hammerstones, fire drills, awls, arrow straighteners, and stone knives and scrapers. These lithic tools were made from locally sourced material as well as materials procured through trade or travel. They also used wood, horn, and bone spoons and stirrers; baskets for winnowing, leaching, grinding, transporting, parching, storing, and cooking; and pottery vessels for carrying water, storage, cooking, and serving food and drink. Much of this material cultural, elaborately decorated, does not survive in the archaeological record. As usual, the main items found archaeologically relate to subsistence activities.

Although contact with Europeans may have occurred as early as 1771 or 1772, direct European influence on Serrano and Chemehuevi lifeways began in the 1810s, when the mission system expanded to the edge of Serrano territory. Between then and the end of the mission era in 1834, most of the Serrano were removed to the nearby missions. While less affected by Spanish and Mexican policies due to their more remote location, the Chemehuevi experienced increasing conflict with encroaching Euroamerican prospectors and settlers during the late 19th century. By the early 20th century, the majority of Serrano and Chemehuevi population was incorporated into the reservation system. Today, most Serrano descendants are found on the San Manuel and the Morongo Indian Reservations, while the Chemehuevi are divided among the Chemehuevi, the Colorado River, and the Morongo Reservations.

Historic Context

Because of its harsh, unforgiving environment, non-Native settlement in the Mojave Desert was late to start and slow in subsequent development. Although the Mojave Desert received its first European visitor, the famed Spanish explorer Francisco Garcés, as early as 1776 (Beck and Haase 1974:15), for the next 70 years the inland regions of Alta California were largely ignored by the Spanish and Mexican authorities in their colonization schemes. During that period, the presence of non-Natives in the Mojave Desert was essentially confined to a few trails that were established over the years, most notably the Old Spanish Trail, a pack-train road established between southern California and Santa Fe, New Mexico, in the 1830s (Warren 2004).

Beginning in the early 1860s, as the gold mines in the Mother Lode country of the Sierra Nevada declined in production, groups of former forty-niners embarked on fresh explorations into the desert between California, Nevada, and Arizona. Before long, new mining districts sprang up throughout the Mojave Desert. However, the discovery of these early bonanzas was frequently incidental to travel across the desert to richer diggings elsewhere, as in the case of the La Paz gold rush in Arizona (Warren et al. 1981:96). A few renowned mining towns, such as Ivanpah and Calico, boomed in the 1870s and 1880s, but the first major strike in the Mojave Desert did not occur until the Old Woman Mountains boom of 1898-1901 (Gallegos et al. 1980:133).

In the mid-19th century, a few new trails were developed on the basis of the Old Spanish Trail, such as the Mormon Trail and the Mojave Road, by which many of the legendary wagon trains from the eastern U.S. entered California. Since the 1870s, the Mojave Desert has seen the establishment of a number of modern transportation thoroughfares across its vast reaches, including the Southern Pacific, the Santa Fe, and the Union Pacific Railroads; the fabled U.S. Route 66; and today's Interstate Highways 15 and 40. Several urban centers have gradually emerged along these arteries, mostly along the western and southern rims of the Mojave Desert. The bulk of the region, however, remains sparsely populated and rarely touched by human activities, even to the present time.

Although ranchers and miners began to arrive in the area in the late 1800s, the modern-day community of Joshua Tree traces its roots to the Desert Queen Ranch (now the Keys Ranch in the Joshua Tree National Park), which was founded in 1918 by William Keys and his wife Frances M. Lawton (Joshua Tree Village n.d.). Homesteaders began settling the area in earnest in the 1930s, around the time when the Joshua Tree National Monument was established (NPS n.d.). Minerva Hoyt, a Pasadena resident and desert plant aficionado, became concerned about the removal of cacti and other plants to the gardens of Los Angeles, and her efforts to protect the area culminated in 825,000 acres being set aside as the national monument in 1936 (*ibid.*). The area sees millions of visitors annually, but the year-round population of this rural desert community was just under 7,000 as of 2018 (USCB n.d.).

RESEARCH METHODS

RECORDS SEARCH

On December 9, 2021, CRM TECH archaeologist Nina Gallardo completed the records search at the South Central Coastal Information Center (SCCIC). Located on the campus of California State University, Fullerton, the SCCIC is the State of California's official cultural resource records repository for the County of San Bernardino. During the records search, Gallardo examined maps and records on file at the SCCIC for previously identified cultural resources and existing cultural resources reports within a half-mile radius of the project area. Previously identified cultural resources include properties designated as California Historical Landmarks, Points of Historical Interest, or San Bernardino County Landmarks, as well as those listed in the National Register of Historic Places, the California Register of Historical Resources, or the California Historical Resources Inventory.

NATIVE AMERICAN INPUT

On October 26, 2021, CRM TECH submitted a written request to the State of California Native American Heritage Commission (NAHC) for a records search in the commission's Sacred Lands File. In the meantime, CRM TECH notified the nearby Twentynine Palms Band of Mission Indians on October 26 and December 15, 2021, of the upcoming archaeological field survey and invited tribal participation. In addition, written inquiries to solicit information regarding any known Native American cultural resources were also sent to the appropriate tribal representatives of the Twentynine Palms Band, the Morongo Band of Mission Indians, the Agua Caliente Band of Cahuilla Indians, and the San Manuel Band of Mission Indians. The responses received are summarized below and attached to this report in Appendix 2.

HISTORICAL BACKGROUND RESEARCH

Historical background research for this study was conducted by CRM TECH principal investigator/historian Bai "Tom" Tang and historian Terri Jacquemain. Sources consulted during the research included published literature in local history as well as historical maps and aerial photographs of the project vicinity. Among the maps consulted for this study were the U.S. General Land Office's (GLO) land survey plat maps dated 1856 and the U.S. Geological Survey's (USGS) topographic maps dated 1955-1994, which are available at the websites of the U.S. Bureau of Land Management and the USGS. The aerial photographs, taken in 1970-2019, are accessed at the Nationwide Environmental Title Research (NETR) Online website and through the Google Earth software.

FIELD SURVEY

On December 16, 17, and 20, 2021, CRM TECH field director Daniel Ballester and project archaeologists Hunter O'Donnell, Nina Gallardo, Salvadore Z. Boites, Ashley Connor-Ayala carried out the intensive-level field survey of the project area with the assistance of cultural resources specialist Kelsey Bosch from the Twentynine Palms Band of Mission Indians. The survey was conducted by walking a series of parallel transects spaced 15 meters (approximately 50 feet) apart and oriented either north-south or east-west, as dictated by the terrain. In this way, the ground surface in the project area was systematically and carefully examined for any evidence of human activities dating to the prehistoric or historic period (i.e., 50 years or older). Ground visibility was good (85-90%) in all but a few isolated areas of denser vegetation.

RESULTS AND FINDINGS

RECORDS SEARCH

The records search results indicate that although three linear surveys were previously completed across portions of the project area or along the project boundaries, and project area as a whole had not been surveyed for cultural resources prior to this study (Fig. 5). No cultural resources had been recorded within the project area or within the half-mile scope of the records search, nor had any other cultural resources studies been reported to the SCCIC within the records search scope (Fig. 5).

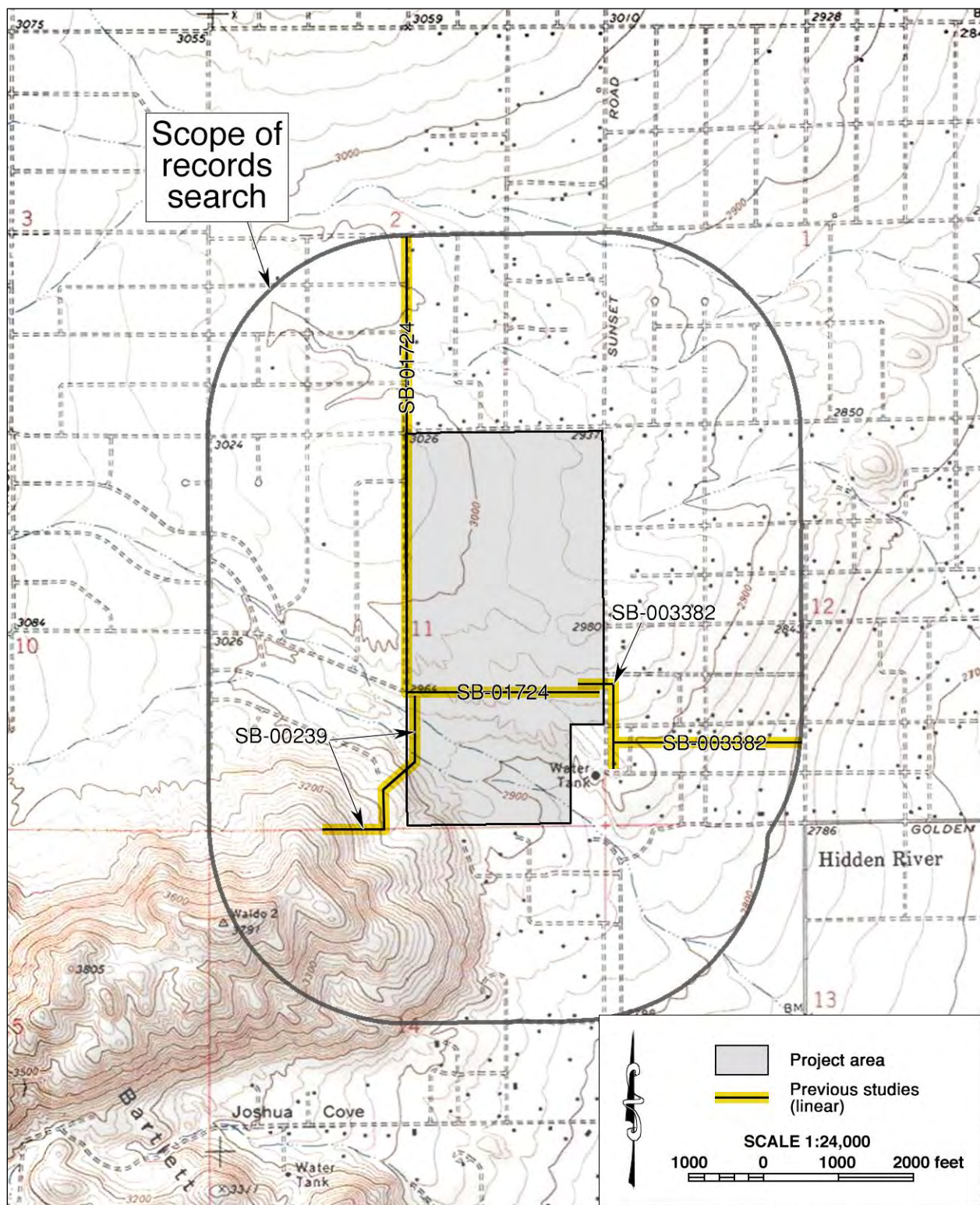


Figure 5. Previous cultural resources studies within a half-mile radius of the project area, listed by SCCIC file number. Location of historical/archaeological resources are not shown as a protective measure.

NATIVE AMERICAN INPUT

In response to CRM TECH's inquiry, the NAHC reports in a letter dated December 9, 2021, that the Sacred Lands File identified no Native American cultural resources in the project vicinity. Noting that the absence of specific information does not necessarily indicate the absence of such resources, however, the NAHC recommends that local Native American groups be consulted for further information and provided a referral list of 14 individuals affiliated with eight tribal organizations in the region, including the four tribes contacted by CRM TECH during this study. The NAHC's reply is attached to this report in Appendix 2 for reference by the County of San Bernardino in future government-to-government consultations with the pertinent tribal groups, if necessary.

Among the four local tribes contacted during this study, three have since responded (see App. 2). As noted above, a representative of the Twentynine Palms Band of Mission Indians participated in the archaeological field survey, but the tribe has not provided any further input. In a letter dated December 1, 2021, archaeologist Lacy Padilla with the Agua Caliente Band of Cahuilla Indian identifies the project location as a part of the tribe's traditional use area. She requested copies of all cultural resources documentation generated for this project, including the records search results, for tribal review. On behalf of the San Manuel Band of Mission Indians, cultural resource analyst Ryan Nordness states in an e-mail dated December 20, 2021, that the project area is not located near any archaeological sites or Serrano villages known to the tribe. To date, no response has been received from the Morongo Band of Mission Indians.

HISTORICAL BACKGROUND RESEARCH

Historical sources consulted for this study suggest that the project area is relatively low in sensitivity for cultural resources from the historic period. Throughout the 1850s-1970s era, no evidence of any settlement or development activities was noted within the project boundaries (Figs. 6-8; NETR Online 1970). The earliest human-made features in the immediate vicinity of the project area were the unpaved forerunner of present-day Aberdeen Drive, which was first depicted in historical maps from the early 1950s, and of Outpost Road and Avenida Del Sol, first noted in the early 1970s (Figs. 7, 8; NETR Online 1970). These roads appeared during a period when scattered buildings, presumably some of the rural residences in existence today, began to spring up in the surrounding area (*ibid.*). None of the nearby developments, however, involved any portion of the project area itself, which has remained unsettled, undeveloped, and largely unused to the present time (NETR Online 1970-2018; Google Earth 1989-2019).

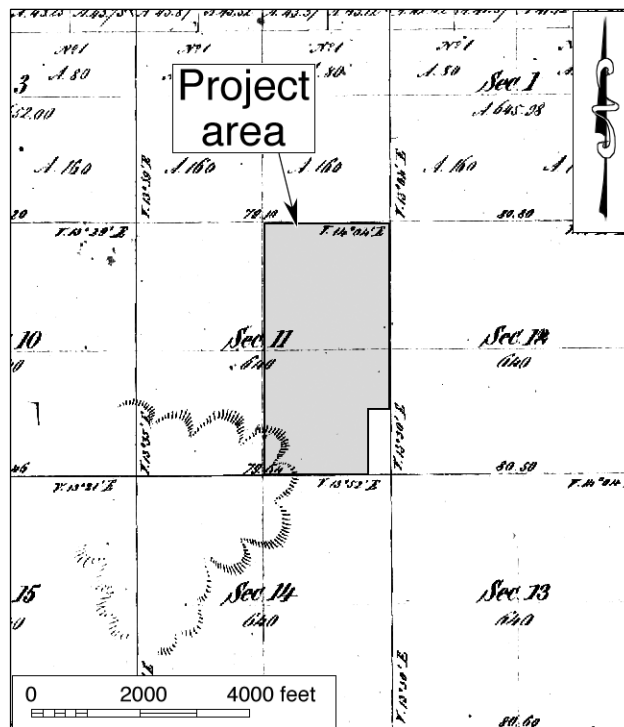


Figure 6. The project area and vicinity in 1855-1856.
(Source: GLO 1856)

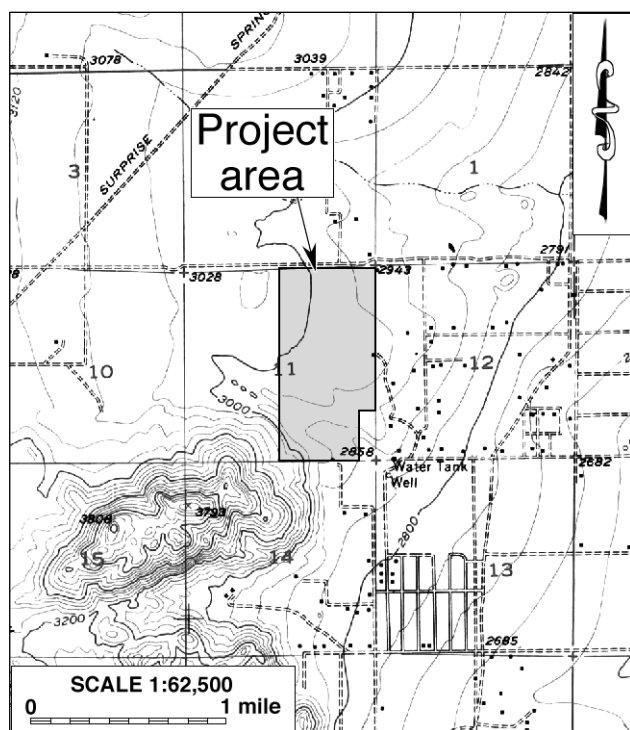


Figure 7. The project area and vicinity in 1952*. (Source: USGS 1955)

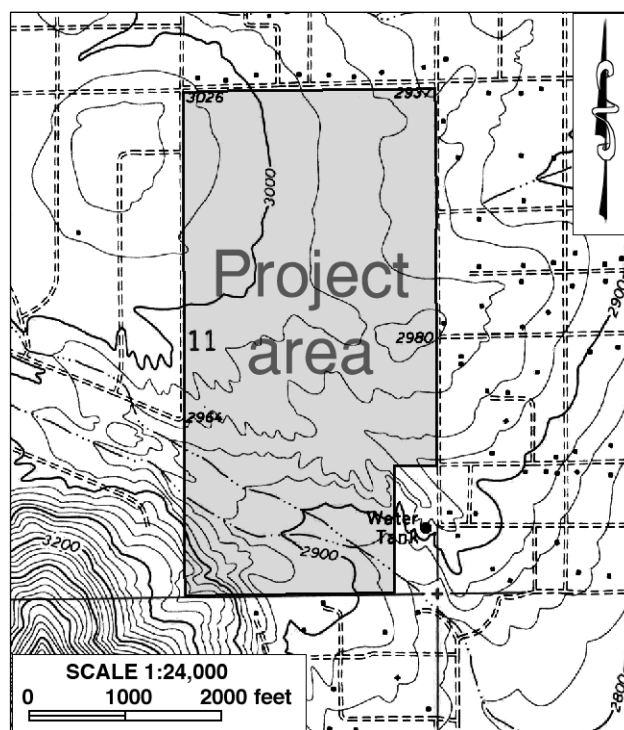


Figure 8. The project area and vicinity in 1970-1972-1972. (Source: USGS 1972)

FIELD SURVEY

During the field survey, 4 archaeological sites and 20 isolates—i.e., localities with fewer than three artifacts—were recorded in the project area and designated temporarily as CRM TECH 3769-1 to CRM TECH 3796-24, pending assignment of official identification numbers once the California Historical Resources Information System resumes normal operation. Among these, two of the sites and three of the isolates are of historical origin, and the other two sites and 17 isolates are of prehistoric—i.e., Native American—origin, as listed below in Table 1. The historic-period sites and isolates consist of scattered refuse items, primarily metal cans, while the prehistoric sites and isolates consist mainly of flakes and other debitage, with one lithic tool also present. These 24 cultural resources are listed individually and described below in Table 1, while further information is presented in the California Historical Resources Inventory record forms in Appendix 3.

DISCUSSION

The purpose of this study is to identify any cultural resources within the project area, and to assist the County of San Bernardino in determining whether such resources meet the official definition of “historical resources,” as provided in the California Public Resources Code, in particular CEQA. According to PRC §5020.1(j), “‘historical resource’ includes, but is not limited to, any object,

* The section lines in this map appear to be slightly misplaced, as the buildings depicted along the eastern and southern project boundaries are in fact located further to the east and the south, respectively, outside the project area (see Figs. 2, 3, 8).

Table 1. Cultural Resources Recorded in the Project Area			
Temporary Designation	Period of Origin	Resource Type	Description
3796-1	Historical	Site	Refuse scatter (5' x 5'): sanitary food, beverage, and coffee can, glass jar with friction lid, ceramic coffee cup fragment
3796-2	Prehistoric	Isolate	Jasper flake
3796-3	Prehistoric	Isolate	Jasper flake
3796-4	Prehistoric	Isolate	Jasper flake
3796-5	Historical	Isolate	Hole-in-top can, whole
3796-6	Historical	Isolate	Hole-in-top can, crushed
3796-7	Prehistoric	Isolate	Chert flake
3796-8	Historical	Isolate	Hole-in-top can, crushed
3796-9	Historical	Site	Refuse scatter (30' x 35'): sanitary beverage cans and meat tin
3796-10	Prehistoric	Isolate	Jasper flake
3796-11	Prehistoric	Isolate	Jasper flake
3796-12	Prehistoric	Isolate	Jasper flake
3796-13	Prehistoric	Site	Lithic scatter (21 m x 12 m): quartz hammerstone, tested cobbles, secondary lithic flakes, and shatter
3796-14	Prehistoric	Isolate	Quartz flake
3796-15	Prehistoric	Site	Lithic scatter (6 m x 5 m): quartz, jasper, and tan chert flakes and shatter
3796-16	Prehistoric	Isolate	Jasper flake
3796-17	Prehistoric	Isolate	Jasper flake
3796-18	Prehistoric	Isolate	Jasper flake
3796-19	Prehistoric	Isolate	Jasper microcore
3796-20	Prehistoric	Isolate	Jasper flake
3796-21	Prehistoric	Isolate	Jasper flake
3796-22	Prehistoric	Isolate	Jasper scraper
3796-23	Prehistoric	Isolate	Jasper flake
3796-24	Prehistoric	Isolate	Jasper flake

building, site, area, place, record, or manuscript which is historically or archaeologically significant, or is significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California.”

More specifically, CEQA guidelines state that the term “historical resources” applies to any such resources listed in or determined to be eligible for listing in the California Register of Historical Resources, included in a local register of historical resources, or determined to be historically significant by the lead agency (Title 14 CCR §15064.5(a)(1)-(3)). Regarding the proper criteria for the evaluation of historical significance, CEQA guidelines mandate that “generally a resource shall be considered by the lead agency to be ‘historically significant’ if the resource meets the criteria for listing on the California Register of Historical Resources” (Title 14 CCR §15064.5(a)(3)). A resource may be listed in the California Register if it meets any of the following criteria:

- (1) Is associated with events that have made a significant contribution to the broad patterns of California’s history and cultural heritage.
- (2) Is associated with the lives of persons important in our past.
- (3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.
- (4) Has yielded, or may be likely to yield, information important in prehistory or history. (PRC §5024.1(c))

In summary of the research results presented above, 4 archaeological sites and 20 isolates of both historical and prehistoric origin were recorded within the project area during this study and designated temporarily as CRM TECH 3769-1 to CRM TECH 3796-24. The isolates by definition do not qualify as archaeological sites due to the lack of depositional context and thereby of information potential. As such, they do not constitute potential “historical resources” and require no further consideration. The evaluations of the four sites are presented below, grouped by their period of origin in light of the similarity of materials they contain.

Sites CRM TECH 3796-1 and CRM TECH 3796-9 represent two small mid-20th century refuse scatters consisting mainly of sanitary beverage and food can with some glass and ceramic items. Such minor deposits of common domestic refuse are virtually ubiquitous in the southern California desert region. Typically with artifacts from the 20th century but of unclear historical background, these sites lack any identifiable association, let alone close association, with persons or events of recognized historic significance. Furthermore, in the absence of exceptional quality or quantity of artifacts, these sites hold little potential for important archaeological data. CRM TECH 3796-1 and CRM TECH 3796-9 fall well within the perimeters of this site profile and do not appear to meet any of the criteria for listing in the California Register of Historical Resources. Therefore, they do not qualify as “historical resources.”

Sites CRM TECH 3796-13 and CRM TECH 3796-15 represent small scatters of prehistoric lithic artifacts, such as flakes and other debitage, with one lithic tool also present. Lithic scatters like these are among the most common prehistoric site types to be found on the desert floor of the Mojave Desert region. They are generally interpreted as expedient in nature, and the tools were fashioned for opportunistic and/or occasional use by ancient Native people on resource-gathering excursions. Past studies at similar sites have rarely found any associated subsurface component, and no indication of any subsurface cultural deposits or midden soil was observed during the field survey.

Sites CRM TECH 3769-13 and CRM TECH 3769-15 are not distinctive in origin, function, and artifact type, and they do not provide any new or important insights into prehistoric Native American lifeways. Any possible significance in sites like this lies in their placement within the larger setting of the prehistoric cultural landscape, especially in relation to other, more substantial sites, and their data potential is essentially exhausted upon initial recordation into the inventory. Based on these considerations, Sites CRM TECH 3769-13 and CRM TECH 3769-1 do not appear eligible for the California Register of Historical Resources and thus do not meet CEQA definition of “historical resources.”

CONCLUSION AND RECOMMENDATIONS

CEQA establishes that “a project that may cause a substantial adverse change in the significance of a historical resource is a project that may have a significant effect on the environment” (PRC §21084.1). “Substantial adverse change,” according to PRC §5020.1(q), “means demolition, destruction, relocation, or alteration such that the significance of a historical resource would be impaired.” The present study identified a total of 24 cultural resources, including 2 prehistoric archaeological sites, 2 historic-period sites, and 20 isolates, within the project area, but none of them

appears to constitute a “historical resources” under CEQA. Based on these findings, CRM TECH presents the following recommendations to the County of San Bernardino:

- The proposed project will not cause a substantial adverse change to any known “historical resources.”
- No further cultural resources investigation will be necessary for the project unless development plans undergo such changes as to include areas not covered by this study.
- If any buried cultural materials are encountered during earth-moving operations associated with the project, all work within 50 feet of the discovery should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

REFERENCES

- Bean, Lowell John, and Charles R. Smith
1978 Serrano. In Robert F. Heizer (ed.): *Handbook of North American Indians*, Vol. 8: *California*; pp. 570-574. Smithsonian Institution, Washington, D.C.
- Beck, Warren A., and Ynez D. Haase
1974 *Historical Atlas of California*. University of Oklahoma Press, Norman, Oklahoma.
- Gallegos, Dennis, John Cook, Emma Lou Davis, Gary Lowe, Frank Norris, and Jay Thesken
1980 Cultural Resources Inventory of the Central Mojave and Colorado Desert Regions, California. U.S. Bureau of Land Management, California Desert District, Riverside.
- Garrett, Lewis
1992 *Postal History of San Bernardino County*. *San Bernardino County Museum Association Quarterly* 39(4).
- GLO (General Land Office, U.S. Department of the Interior)
1856 Plat Map: Township No. 1 North Range No. 6 East, SBBM; surveyed in 1855-1856.
- Google Earth
1989-2019 Aerial photographs of the project vicinity; taken in 1989, 1994, 1995, 2003, 2005-2007, 2009, 2011-2013, and 2015-2019. Available through the Google Earth software.
- Hall, M.C.
2000 Archaeological Survey of 2472 Acres in Adjacent Portions of Lava, Lead Mountain, and Cleghorn Pass Training Areas, Marine Corps Air Ground Combat Center, Twentynine Palms, California (Volume I). Report prepared by the Archaeological Research Unit, University of California, Riverside, for the United States Marine Corps Natural Resources and Environmental Affairs Division.
- Joshua Tree Village
n.d. Joshua Tree History and Boundaries. <https://www.joshuatreevillage.com:8000/237/237.htm>.
- Kelly, Isabel T., and Catherine S. Fowler
1986 Southern Paiute. In Warren L. D’Azevedo (ed.): *Handbook of North American Indians*, Vol. 11: *Great Basin*; pp. 368-397. Smithsonian Institution, Washington, D.C.
- Kroeber, Alfred L.
1925 *Handbook of the Indians of California*. Bureau of American Ethnology Bulletin 78. Washington, D.C.

- Laird, Carobeth
 1976 *The Chemehuevis*. Malki Museum Press, Banning, California.
- NETR (Nationwide Environmental Title Research) Online
 1970-2018 Aerial photographs of the project vicinity; taken in 1970, 1983, 1989, 1994, 1995, 2005, 2009, 2010, 2012, 2014, 2016, and 2018. <http://www.historicaerials.com>.
- NPS (National Park Service, U.S. Department of the Interior)
 n.d. Joshua Tree National Park, California: Park History. <https://www.nps.gov/jotr/learn/historyculture/parkhistory.htm>.
- Strong, William Duncan
 1929 *Aboriginal Society in Southern California*. University of California Publications in American Archaeology and Ethnology 26. Reprinted by Malki Museum Press, Banning, California, 1972.
- USCB (United States Census Bureau, U.S. Department of Commerce)
 n.d. 2018 Joshua Tree Population. <https://data.census.gov/cedsci/table?q=2018%20joshua%20tree%20population&tid=ACSDP5Y2018.DP05>.
- USGS (United States Geological Survey, U.S. Department of the Interior)
 1955 Map: Joshua Tree, Calif. (15', 1:62,500); aerial photographs taken in 1952.
 1969 Map: San Bernardino, Calif. (120' x 60', 1:250,000); 1958 edition revised.
 1972 Map: Joshua Tree North, Calif. (7.5', 1:24,000); aerial photographs taken in 1970, field-checked in 1972.
 1994 Map: Joshua Tree North, Calif. (7.5', 1:24,000); 1972 edition revised in 1994.
- Warren, Claude N.
 1984 The Desert Region. In Michael J. Moratto (ed.): *California Archaeology*; pp. 339-430. Academic Press, Orlando, Florida.
- Warren, Claude N., and Robert H. Crabtree
 1986 Prehistory of the Southwestern Area. In Warren L. D'Azevedo (ed.): *Handbook of North American Indians*, Vol. 11: *Great Basin*; pp. 183-193. Smithsonian Institution, Washington, D.C.
- Warren, Elizabeth von Till
 2004 The Old Spanish National Historic Trail. <http://oldspanishtrail.org/our-history>.
- Warren, Elizabeth von Till, Robert H. Crabtree, Claude N. Warren, Martha Knack, and Richard McCarty
 1981 A Cultural Resources Overview of the Colorado Desert Planning Units. U.S. Bureau of Land Management, California Desert District, Riverside.

**APPENDIX 1:
PERSONNEL QUALIFICATIONS**

**PRINCIPAL INVESTIGATOR/HISTORIAN
Bai “Tom” Tang, M.A.**

Education

- | | |
|-----------|--|
| 1988-1993 | Graduate Program in Public History/Historic Preservation, University of California, Riverside. |
| 1987 | M.A., American History, Yale University, New Haven, Connecticut. |
| 1982 | B.A., History, Northwestern University, Xi'an, China. |
| 2000 | “Introduction to Section 106 Review,” presented by the Advisory Council on Historic Preservation and the University of Nevada, Reno. |
| 1994 | “Assessing the Significance of Historic Archaeological Sites,” presented by the Historic Preservation Program, University of Nevada, Reno. |

Professional Experience

- | | |
|-----------|---|
| 2002- | Principal Investigator, CRM TECH, Riverside/Colton, California. |
| 1993-2002 | Project Historian/Architectural Historian, CRM TECH, Riverside, California. |
| 1993-1997 | Project Historian, Greenwood and Associates, Pacific Palisades, California. |
| 1991-1993 | Project Historian, Archaeological Research Unit, University of California, Riverside. |
| 1990 | Intern Researcher, California State Office of Historic Preservation, Sacramento. |
| 1990-1992 | Teaching Assistant, History of Modern World, University of California, Riverside. |
| 1988-1993 | Research Assistant, American Social History, University of California, Riverside. |
| 1985-1988 | Research Assistant, Modern Chinese History, Yale University. |
| 1985-1986 | Teaching Assistant, Modern Chinese History, Yale University. |
| 1982-1985 | Lecturer, History, Xi'an Foreign Languages Institute, Xi'an, China. |

Cultural Resources Management Reports

Preliminary Analyses and Recommendations Regarding California's Cultural Resources Inventory System (with Special Reference to Condition 14 of NPS 1990 Program Review Report). California State Office of Historic Preservation working paper, Sacramento, September 1990.

Numerous cultural resources management reports with the Archaeological Research Unit, Greenwood and Associates, and CRM TECH, since October 1991.

PRINCIPAL INVESTIGATOR/ARCHAEOLOGIST
Michael Hogan, Ph.D., RPA (Registered Professional Archaeologist)

Education

- 1991 Ph.D., Anthropology, University of California, Riverside.
- 1981 B.S., Anthropology, University of California, Riverside; with honors.
- 1980-1981 Education Abroad Program, Lima, Peru.

- 2002 “Section 106—National Historic Preservation Act: Federal Law at the Local Level,”
UCLA Extension Course #888.
- 2002 “Recognizing Historic Artifacts,” workshop presented by Richard Norwood,
Historical Archaeologist.
- 2002 “Wending Your Way through the Regulatory Maze,” symposium presented by the
Association of Environmental Professionals.
- 1992 “Southern California Ceramics Workshop,” presented by Jerry Schaefer.
- 1992 “Historic Artifact Workshop,” presented by Anne Duffield-Stoll.

Professional Experience

- 2002- Principal Investigator, CRM TECH, Riverside/Colton, California.
- 1999-2002 Project Archaeologist/Field Director, CRM TECH, Riverside, California.
- 1996-1998 Project Director and Ethnographer, Statistical Research, Inc., Redlands, California.
- 1992-1998 Assistant Research Anthropologist, University of California, Riverside.
- 1992-1995 Project Director, Archaeological Research Unit, U.C. Riverside.
- 1993-1994 Adjunct Professor, Riverside Community College, Mt. San Jacinto College, U.C.
Riverside, Chapman University, and San Bernardino Valley College.
- 1991-1992 Crew Chief, Archaeological Research Unit, U.C. Riverside.
- 1984-1998 Project Director, Field Director, Crew Chief, and Archaeological Technician for
various southern California cultural resources management firms.

Research Interests

Cultural Resource Management, Southern Californian Archaeology, Settlement and Exchange Patterns, Specialization and Stratification, Culture Change, Native American Culture, Cultural Diversity.

Cultural Resources Management Reports

Principal investigator for, author or co-author of, and contributor to numerous cultural resources management study reports since 1986.

Memberships

Society for American Archaeology; Society for California Archaeology; Pacific Coast Archaeological Society; Coachella Valley Archaeological Society.

PROJECT HISTORIAN/REPORT WRITER
Terri Jacquemain, M.A.

Education

- 2004 M.A., Public History and Historic Resource Management, University of California, Riverside.
- 2002 B.S., Anthropology, University of California, Riverside.
- 2001 Archaeological Field School, University of California, Riverside.
- 1991 A.A., Riverside Community College, Norco Campus.

Professional Experience

- 2003- Historian/Architectural Historian/Report Writer, CRM TECH, Riverside/ Colton, California.
- 2002-2003 Teaching Assistant, Religious Studies Department, University of California, Riverside.
- 2002 Interim Public Information Officer, Cabazon Band of Mission Indians.
- 2000 Administrative Assistant, Native American Student Programs, University of California, Riverside.
- 1997-2000 Reporter, *Inland Valley Daily Bulletin*, Ontario, California.
- 1991-1997 Reporter, *The Press-Enterprise*, Riverside, California.

PROJECT ARCHAEOLOGIST
Hunter C. O'Donnell, B.A.

Education

- 2016- M.A. Program, Applied Archaeology, California State University, San Bernardino.
- 2015 B.A. (*cum laude*), Anthropology, California State University, San Bernardino.
- 2012 A.A., Social and Behavioral Sciences, Mt. San Antonio College, Walnut, California.
- 2011 A.A., Natural Sciences and Mathematics, Mt. San Antonio College, Walnut, California.

Professional Experience

- 2017- Project Archaeologist, CRM TECH, Colton, California.
- 2016-2018 Graduate Research Assistant, Applied Archaeology, California State University, San Bernardino.
- 2016-2017 Cultural Intern, Cultural Department, Pechanga Band of Luiseño Indians, Temecula, California.
- 2015 Archaeological Intern, U.S. Bureau of Land Management, Barstow, California.
- 2015 Peer Research Consultant: African Archaeology, California State University, San Bernardino.

PROJECT ARCHAEOLOGIST/FIELD DIRECTOR
Daniel Ballester, M.S., RPA (Registered Professional Archaeologist)

Education

2013 M.S., Geographic Information System (GIS), University of Redlands, California.
1998 B.A., Anthropology, California State University, San Bernardino.
1997 Archaeological Field School, University of Las Vegas and University of California, Riverside.
1994 University of Puerto Rico, Rio Piedras, Puerto Rico.

Professional Experience

2002- Field Director/GIS Specialist, CRM TECH, Riverside/Colton, California.
2011-2012 GIS Specialist for Caltrans District 8 Project, Garcia and Associates, San Anselmo, California.
2009-2010 Field Crew Chief, Garcia and Associates, San Anselmo, California.
2009-2010 Field Crew, ECorp, Redlands.
1999-2002 Project Archaeologist, CRM TECH, Riverside, California.
1998-1999 Field Crew, K.E.A. Environmental, San Diego, California.
1998 Field Crew, A.S.M. Affiliates, Encinitas, California.
1998 Field Crew, Archaeological Research Unit, University of California, Riverside.

Cultural Resources Management Reports

Field Director, co-author, and contributor to numerous cultural management reports since 2002.

PROJECT ARCHAEOLOGIST
Salvadore Z. Boites, M.A.

Education

2013 M.A., Applied Anthropology, California State University, Long Beach.
2003 B.A., Anthropology/Sociology, University of California, Riverside.
1996-1998 Archaeological Field School, Fullerton Community College, Fullerton, California.

Professional Experience

2014- Project Archaeologist, CRM TECH, Colton, California.
2010-2011 Adjunct Instructor, Anthropology, Everest College, Anaheim, California.
2003-2008 Project Archaeologist, CRM TECH, Riverside/Colton, California.
2001-2002 Teaching Assistant, Moreno Elementary School, Moreno Valley, California.
1999-2003 Research Assistant, Anthropology Department, University of California, Riverside.

PROJECT ARCHAEOLOGIST/NATIVE AMERICAN LIAISON
Nina Gallardo, B.A.

Education

2004 B.A., Anthropology/Law and Society, University of California, Riverside.

Professional Experience

2004- Project Archaeologist, CRM TECH, Riverside/Colton, California.

Cultural Resources Management Reports

Co-author of and contributor to numerous cultural resources management reports since 2004.

PROJECT ARCHAEOLOGIST
Ashley Conner-Ayala, B.S.

Education

2021 GIS Certification, Pasadena City College, Pasadena.
2020 B.S., Anthropology, University of California, Riverside.
2019 Paleoanthropology Field School, Dmanisi, Republic of Georgia.
2019 M.A.R.I. CRM Field School, Milford, Utah.

Professional Experience

2021- Project Archaeologist, CRM TECH, Colton, California.
2021 Field Technician, Bruce Love Consulting, Littlerock, California.
2020 Archaeological Monitor and Field Technician, McKenna et al., Whittier, California.

APPENDIX 2

SACRED LANDS FILE SEARCH RESULTS
AND
RESPONSES FROM NATIVE AMERICAN REPRESENTATIVES

From: Sarah Bliss <sbliss@29palmsbomi-nsn.gov>
Sent: Tuesday, October 26, 2021 11:41 AM
To: 'ngallardo@crmtech.us'
Subject: RE: Participation in Field Survey for the Proposed JT304 Project, APN 0599-191-49, near the Town of Joshua Tree, San Bernardino County (CRM TECH #3796)

Hello,

Our department is interested in participating in the Cultural Resources Study. At your earliest convenience, please let me know the planned day for the survey.

Thank you,

Sarah Bliss

AGUA CALIENTE BAND OF CAHUILLA INDIANS

TRIBAL HISTORIC PRESERVATION



03-005-2021-003

December 01, 2021

[VIA EMAIL TO:ngallardo@crmtech.us]
CRM TECH
Ms. Nina Gallardo
1016 E. Cooley Drive, Suite A/B
Colton, CA 92324

Re: JT304 Project

Dear Ms. Nina Gallardo,

The Agua Caliente Band of Cahuilla Indians (ACBCI) appreciates your efforts to include the Tribal Historic Preservation Office (THPO) in the JT304 project. The project area is not located within the boundaries of the ACBCI Reservation. However, it is within the Tribe's Traditional Use Area. For this reason, the ACBCI THPO requests the following:

- *A cultural resources inventory of the project area by a qualified archaeologist prior to any development activities in this area.
- *A copy of the records search with associated survey reports and site records from the information center.
- *Copies of any cultural resource documentation (report and site records) generated in connection with this project.

Again, the Agua Caliente appreciates your interest in our cultural heritage. If you have questions or require additional information, please call me at (760)699-6956. You may also email me at ACBCI-THPO@aguacaliente.net.

Cordially,

Lacy Padilla
Archaeologist
Tribal Historic Preservation Office
AGUA CALIENTE BAND
OF CAHUILLA INDIANS



NATIVE AMERICAN HERITAGE COMMISSION

December 9, 2021

Nina Gallardo
CRM TECH

Via Email to: ngallardo@crmtech.us

CHAIRPERSON
Laura Miranda
Luiseño

VICE CHAIRPERSON
Reginald Pagaling
Chumash

PARLIAMENTARIAN
Russell Attebery
Karuk

COMMISSIONER
William Mungary
Paiute/White Mountain
Apache

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Sara Dutschke
Miwok

COMMISSIONER
Buffy McQuillen
Yokayo Pomo, Yuki,
Nomlaki

COMMISSIONER
Wayne Nelson
Luiseño

COMMISSIONER
Stanley Rodriguez
Kumeyaay

EXECUTIVE SECRETARY
Christina Snider
Pomo

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710
nahc@nahc.ca.gov
NAHC.ca.gov

Re: Proposed JT304 Project, San Bernardino County

Dear Ms. Gallardo:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were negative. However, the absence of specific site information in the SLF does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated; if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify me. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green
Cultural Resources Analyst

Attachment

**Native American Heritage Commission
Native American Contact List
San Bernardino County
12/9/2021**

**Agua Caliente Band of Cahuilla
Indians**

Jeff Grubbe, Chairperson
5401 Dinah Shore Drive
Palm Springs, CA, 92264
Phone: (760) 699 - 6800
Fax: (760) 699-6919

Cahuilla

**Quechan Tribe of the Fort Yuma
Reservation**

Manfred Scott, Acting Chairman
Kw'ts'an Cultural Committee
P.O. Box 1899
Yuma, AZ, 85366
Phone: (928) 750 - 2516
scottmanfred@yahoo.com

Quechan

**Agua Caliente Band of Cahuilla
Indians**

Patricia Garcia-Plotkin, Director
5401 Dinah Shore Drive
Palm Springs, CA, 92264
Phone: (760) 699 - 6907
Fax: (760) 699-6924
ACBCI-THPO@aguacaliente.net

Cahuilla

**San Manuel Band of Mission
Indians**

Jessica Mauck, Director of
Cultural Resources
26569 Community Center Drive
Highland, CA, 92346
Phone: (909) 864 - 8933
Jessica.Mauck@sanmanuel-
nsn.gov

Serrano

**Morongo Band of Mission
Indians**

Robert Martin, Chairperson
12700 Pumarra Road
Banning, CA, 92220
Phone: (951) 755 - 5110
Fax: (951) 755-5177
abrierty@morongo-nsn.gov

Cahuilla
Serrano

**Santa Rosa Band of Cahuilla
Indians**

Lovina Redner, Tribal Chair
P.O. Box 391820
Anza, CA, 92539
Phone: (951) 659 - 2700
Fax: (951) 659-2228
Isaul@santarosa-nsn.gov

Cahuilla

**Morongo Band of Mission
Indians**

Ann Brierty, THPO
12700 Pumarra Road
Banning, CA, 92220
Phone: (951) 755 - 5259
Fax: (951) 572-6004
abrierty@morongo-nsn.gov

Cahuilla
Serrano

**Serrano Nation of Mission
Indians**

Mark Cochrane, Co-Chairperson
P. O. Box 343
Patton, CA, 92369
Phone: (909) 528 - 9032
serranonation1@gmail.com

Serrano

**Quechan Tribe of the Fort Yuma
Reservation**

Jill McCormick, Historic
Preservation Officer
P.O. Box 1899
Yuma, AZ, 85366
Phone: (760) 572 - 2423
historicpreservation@quechantrib
e.com

Quechan

**Serrano Nation of Mission
Indians**

Wayne Walker, Co-Chairperson
P. O. Box 343
Patton, CA, 92369
Phone: (253) 370 - 0167
serranonation1@gmail.com

Serrano

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Proposed JT304 Project, San Bernardino County.

**Native American Heritage Commission
Native American Contact List
San Bernardino County
12/9/2021**

***Soboba Band of Luiseno
Indians***

Isaiah Vivanco, Chairperson
P. O. Box 487
San Jacinto, CA, 92581
Phone: (951) 654 - 5544
Fax: (951) 654-4198
ivivanco@soboba-nsn.gov

Cahuilla
Luiseno

***Soboba Band of Luiseno
Indians***

Joseph Ontiveros, Cultural
Resource Department
P.O. BOX 487
San Jacinto, CA, 92581
Phone: (951) 663 - 5279
Fax: (951) 654-4198
jontiveros@soboba-nsn.gov

Cahuilla
Luiseno

***Twenty-Nine Palms Band of
Mission Indians***

Anthony Madrigal, Tribal Historic
Preservation Officer
46-200 Harrison Place
Coachella, CA, 92236
Phone: (760) 775 - 3259
amadrigal@29palmsbomi-nsn.gov

Chemehuevi

***Twenty-Nine Palms Band of
Mission Indians***

Darrell Mike, Chairperson
46-200 Harrison Place
Coachella, CA, 92236
Phone: (760) 863 - 2444
Fax: (760) 863-2449
29chairman@29palmsbomi-
nsn.gov

Chemehuevi

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed Proposed JT304 Project, San Bernardino County.

From: Ryan Nordness <Ryan.Nordness@sanmanuel-nsn.gov>
Sent: Monday, December 20, 2021 1:20 PM
To: ngallardo@crmtech.us
Subject: RE: Information Request for the Proposed JT304 Project, APN 0599-191-49, near the Town of Joshua Tree, San Bernardino County (CRM TECH #3796)

Hello Nina,

Thank you for reaching out to the San Manuel Band of Mission Indians concerning the proposed project area. SMBMI appreciates the opportunity to review the project documentation received by the Cultural Resources Management Department on December 14th. The proposed project is not located near any known archaeological sites or Serrano villages.

APPENDIX 3

CALIFORNIA HISTORICAL RESOURCES INVENTORY
RECORD FORMS

(Confidential)

PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 4 *Resource Name or # (Assigned by recorder) CRM TECH 3796-1

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; NE 1/4 of SE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,980 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,916 mE/ 3,782,913 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 0.53 mile south of Aberdeen Drive and 30 feet west of
Avenida Del Sol

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The site consists of a refuse scatter with three 12-ounce sanitary beverage cans, a 24-ounce sanitary beverage can, two sanitary food cans, a sanitary coffee can, a partially buried glass jar with a friction lid, and a green ceramic coffee cup fragment.

*P3b. Resource Attributes: (List attributes and codes) AH4: Trash scatter

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on
December 16, 2021

*P6. Date Constructed/Age and Sources:
☒ Historic ☐ Prehistoric ☐ Both
Mid-20th century

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 16,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHAEOLOGICAL SITE RECORD

Primary #
Trinomial

Page 2 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-1

- A1. Dimensions:** a. Length Five feet (E-W) b. Width Five feet (N-S)
Method of Measurement: Paced Taped Visual estimate ☒ Other: ARCGIS
Method of Determination (Check any that apply.): ☒ Artifacts Features Soil Vegetation
Topography Cut bank Animal burrow Excavation Property boundary Other (Explain):
Reliability of Determination: ☒ High Medium Low Explain:
Limitations (Check any that apply.): Restricted access Paved/built over Site limits incompletely defined
Disturbances Vegetation Other (Explain):
- A2. Depth:** None Unknown Method of Determination:
- *A3. Human Remains:** Present ☒ Absent Possible Unknown (Explain):
- *A4. Features:** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.) None
- *A5. Cultural Constituents:** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) See Item P3A.
- *A6. Were Specimens Collected?** ☒ No Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)
- *A7. Site Condition:** Good ☒ Fair Poor (Describe disturbances.):
- *A8. Nearest Water** (Type, distance, and direction.): An intermittent drainage/wash is located approximately 0.4 mile to the south.
- *A9. Elevation:** Approximately 2,980 feet above mean sea level
- A10. Environmental Setting:** (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.): The site is located near the northeastern base of the Barrett Mountains. Vegetation in the vicinity belongs to the Creosote Bush Scrub community and includes creosote bush, Joshua trees, cotton cactus, cholla cactus, ephedra, wild buckwheat, and some black mustard. Surface soils are composed of a slightly alkaline sandy loam.
- A11. Historical Information:** Some of the artifacts appear to date to the mid-20th century
- *A12. Age:** Prehistoric Protohistoric 1542-1769 1769-1848 1848-1880 1880-1914 1914-1945
☒ Post 1945 Undetermined **Describe position in regional prehistoric chronology or factual historic dates if known:**
- A13. Interpretations:** (Discuss scientific, interpretive, ethnic, and other values of site, if known)
- A14. Remarks:** Historic-era trash scatters such as this one are ubiquitous across the Mojave Desert region. With no documented association with any person or event of known historic significance and little potential to yield any important archaeological data, this site does not appear eligible for listing in the National Register of Historic Places or the California Register of Historical Resources.
- A15. References:** (Documents, informants, maps, and other references.): See Item P11.
- A16. Photographs:** (List subjects, direction of view, and accession numbers or attach a Photograph Record.):
Original Media/Negatives Kept at: CRM TECH, Colton, California
- *A17. Form Prepared by:** Hunter O'Donnell **Date:** December 27, 2021
Affiliation and Address: CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

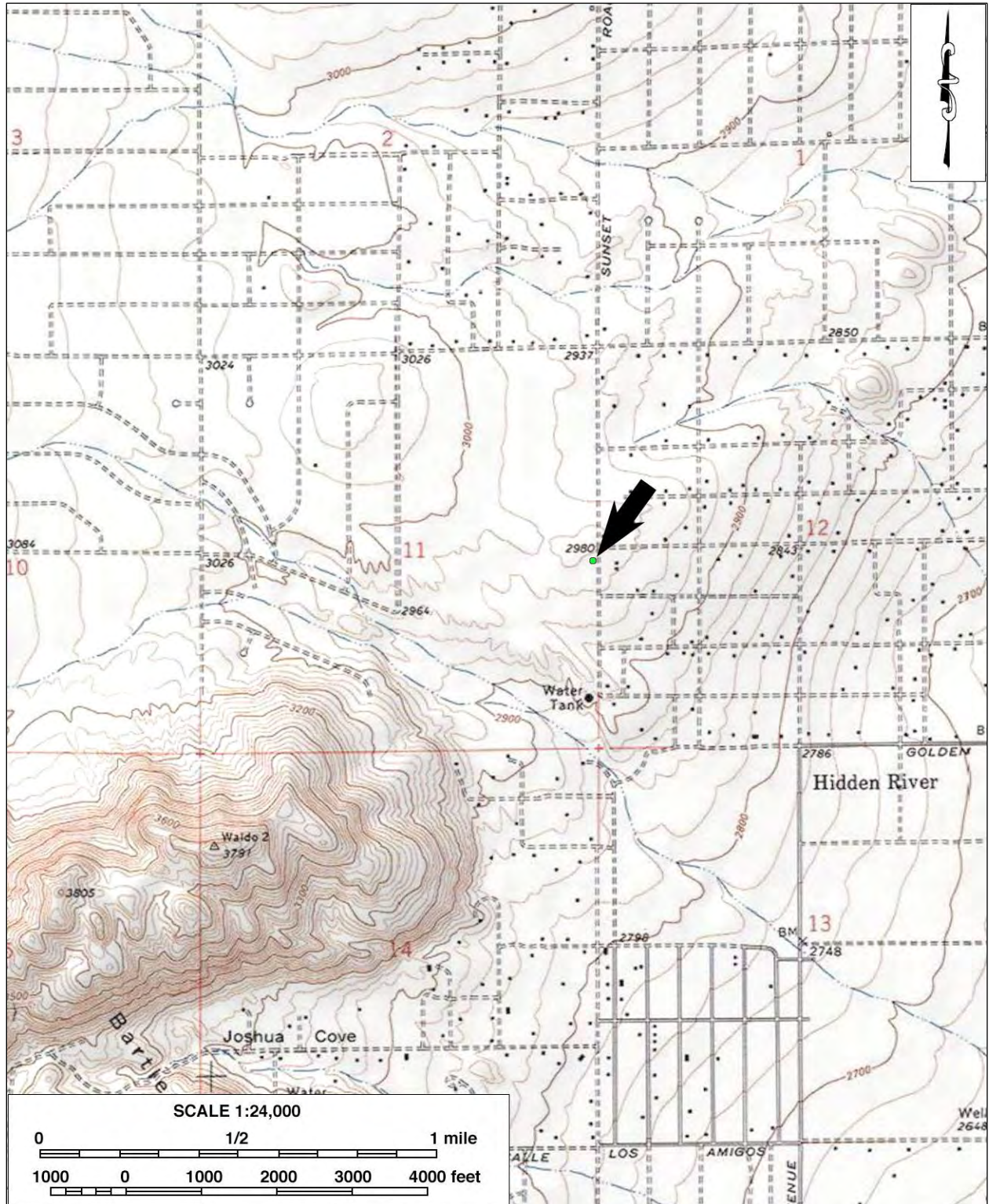
Page 3 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-1

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



SKETCH MAP

Primary # _____

HRI # _____

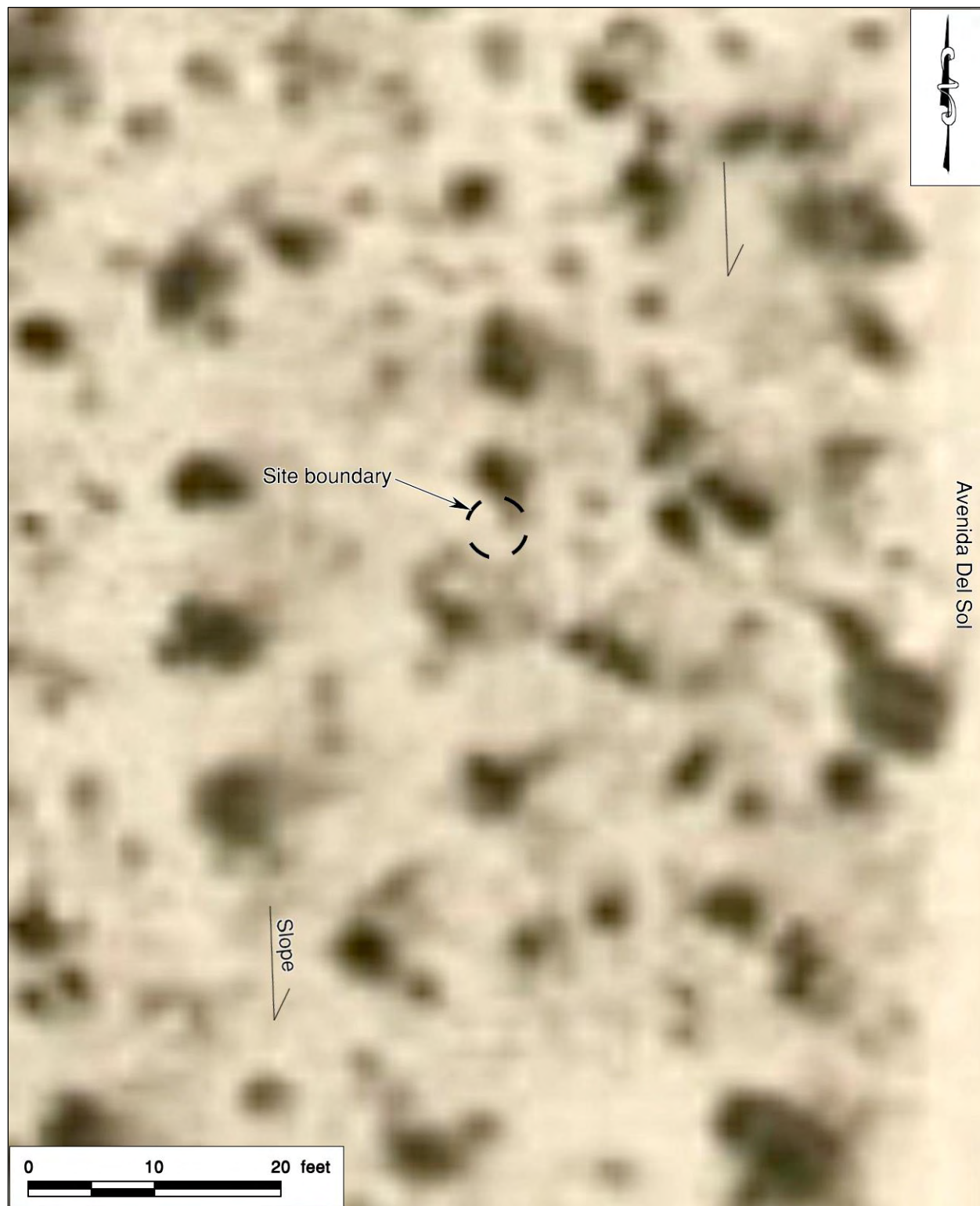
Trinomial _____

Page 4 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-1

Drawn by: Hunter O'Donnell

*Date: December 27, 2021



PRIMARY RECORD

Other Listings
Review Code

Reviewer

Date

Page 1 of 2

*Resource Name or # (Assigned by recorder)

CRM TECH 3796-2

P1. Other Identifier:

*P2. Location: ☒ Not for Publication ☐ Unrestricted and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; NW 1/4 of NE 1/4 of Section 11 ; S.B. B.M.

Elevation: Approximately 3,025 feet above mean sea level.

c. Address N/A City Joshua Tree Zip

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,172 mE/ 3,783,627 mN UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 60 meters east of Outpost Road and 115 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a mustard-brown colored primary jasper

flake found on a relatively level surface. It measures 2.3 x 1.6 x 0.4 cm and retains approximately 35% cortex.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on December 16, 2021

*P6. Date Constructed/Age and Sources:

☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue,

Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,

CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton,

CA 92324

*P9. Date Recorded: December 16, 2021

*P10. Survey Type (describe):

Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none") Bai "Tom" Tang, Michael

Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments:

☐ None ☒ Location Map ☒ Sketch Map

☐ Continuation Sheet

☐ Building, Structure, and Object Record

☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record

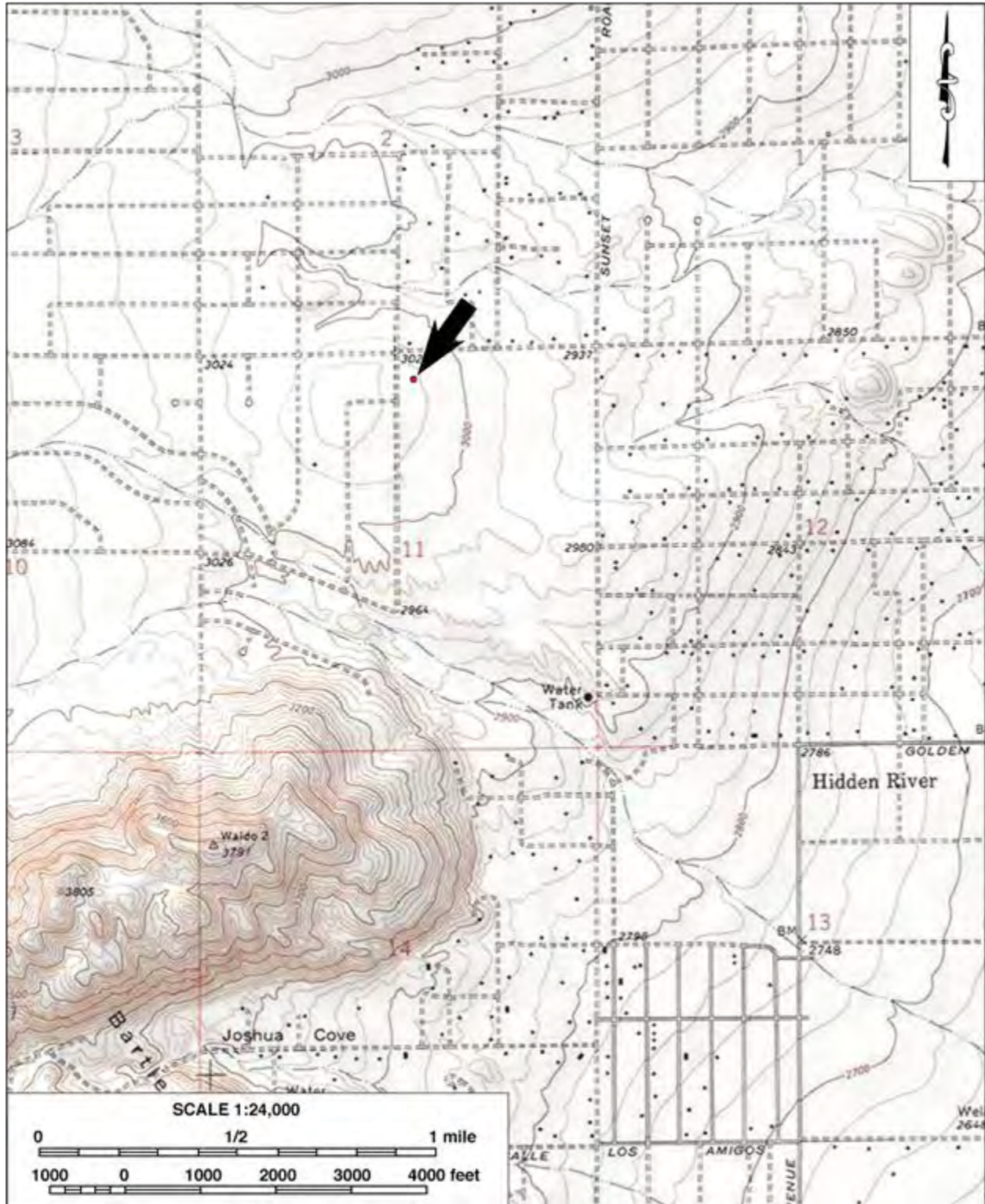
☐ Artifact Record ☐ Photograph Record ☐ Other (List):

LOCATION MAP

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-3

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; NW 1/4 of SE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 3,000 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,205 mE/ 3,783,025 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 80 meters east of Outpost Road and 740 meters south of
Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a secondary flake of mustard-brown jasper,
found on a relatively level surface. It measures 3.1 x 2.1 x 0.9 cm and
retains approximately 20% cortex.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on
December 16, 2021

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 16,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

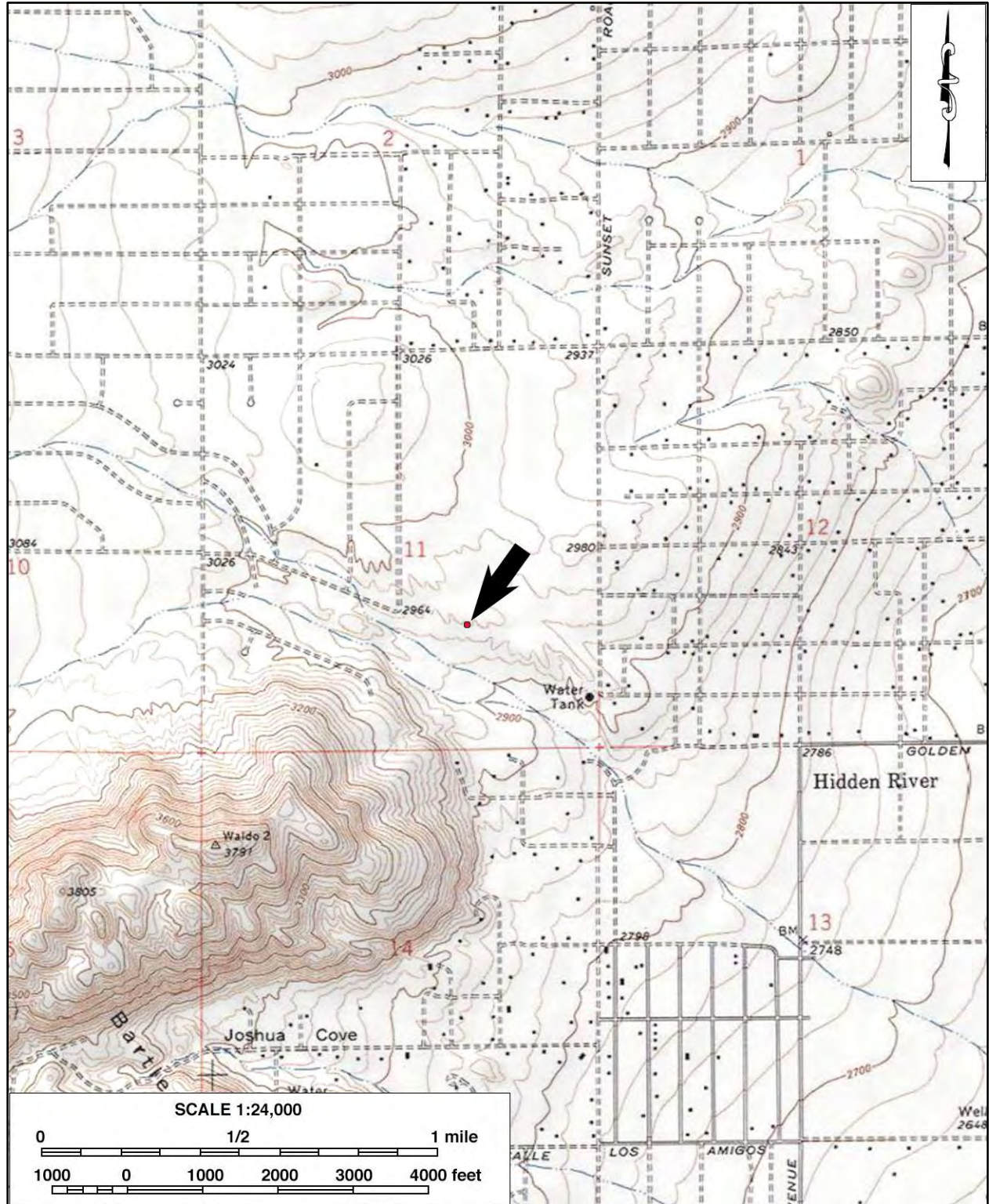
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-3

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-4

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SW 1/4 of NE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 3,000 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,229 mE; 3,783,025 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

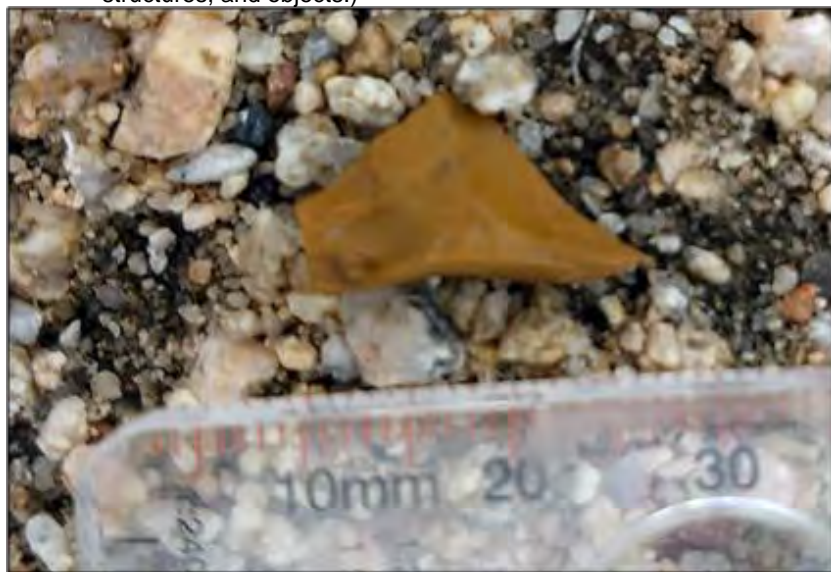
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 115 meters east of Outpost Road and 740 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a tertiary flake of mustard-brown jasper, found on a relatively level surface. It measures 1.5 x 1.1 x 0.8 cm and retains no cortex.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on December 16, 2021

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 16, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

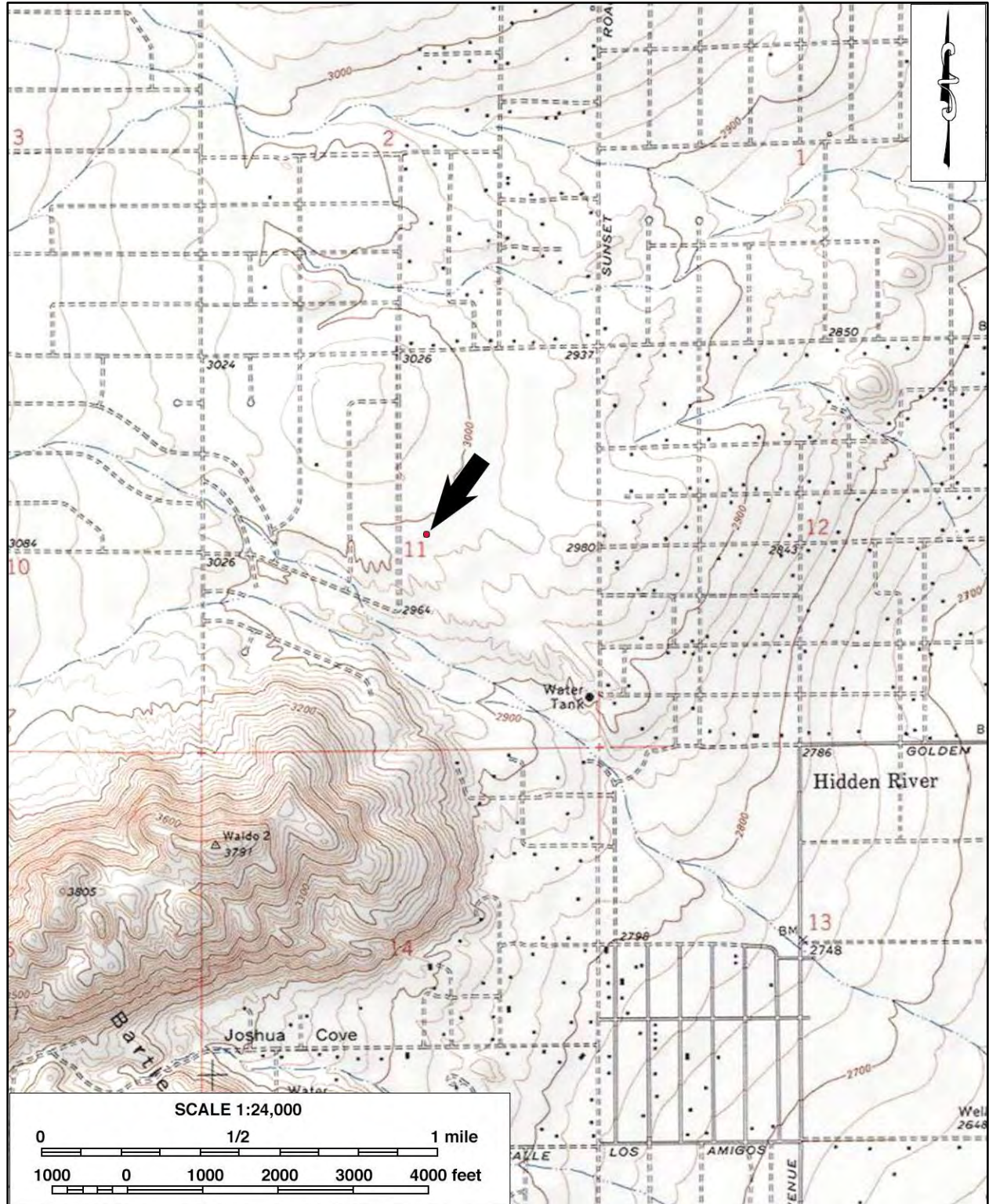
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-4

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-5

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SW 1/4 of SE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,935 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,234 mE/ 3,783,495 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 55 meters south of an unnamed dirt road and 245 meters
northeast of Fairfax Road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate consists of a whole hole-in-top can found in a wash, likely redeposited by the fluvial process.

*P3b. Resource Attributes: (List attributes and codes) AH16: Other (isolated refuse item)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

P5b. Description of Photo (view, date, accession number):

*P6. Date Constructed/Age and Sources:
☒ Historic ☐ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 16,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

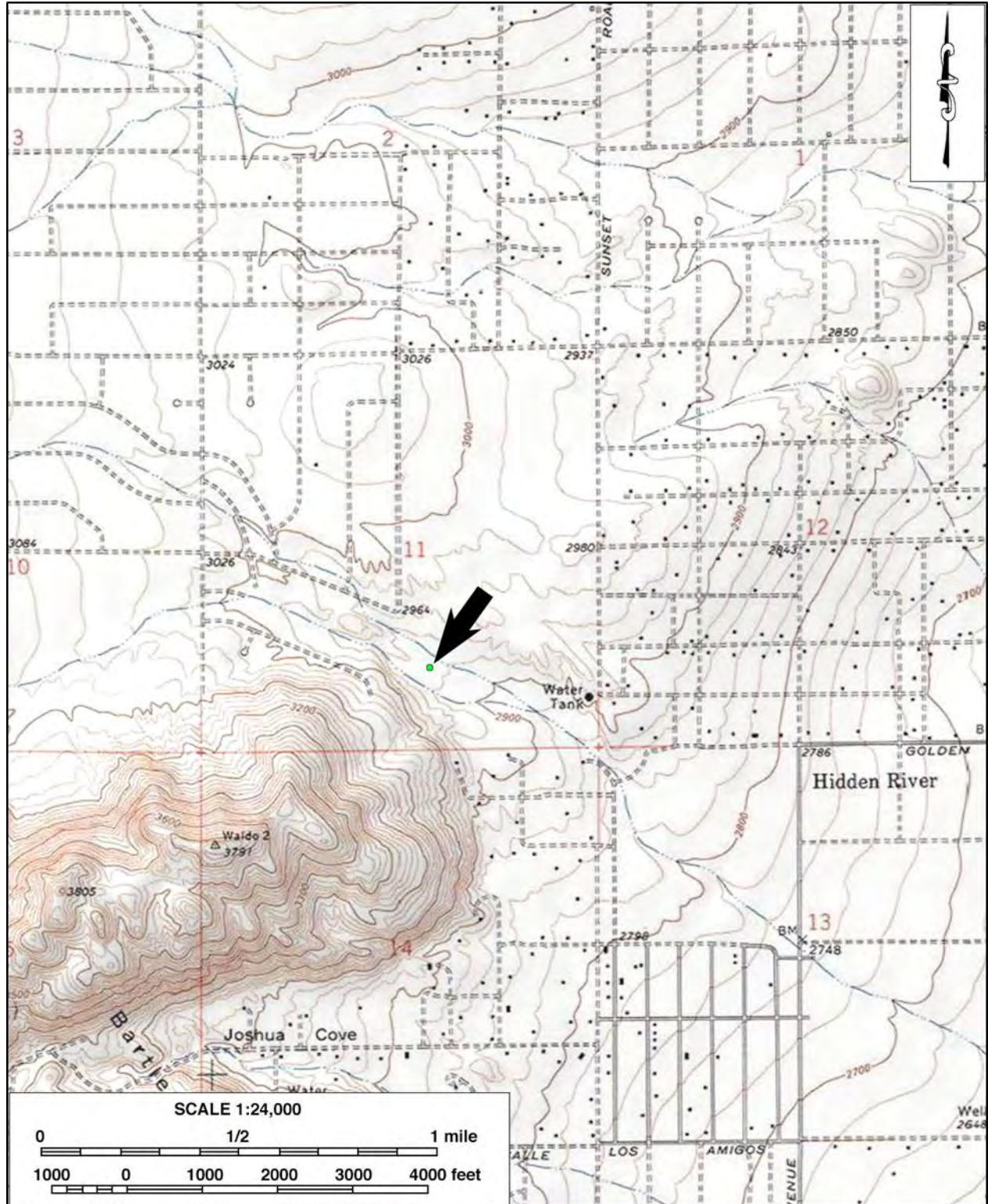
*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-6

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SW 1/4 of SE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,935 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,301 mE/ 3,783,434 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 115 meters south of an unnamed dirt road and 305 meters
northeast of Fairfax Road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate consists of a crushed hole-in-top can found in a wash, likely redeposited by the fluvial process.

*P3b. Resource Attributes: (List attributes and codes) AH16: Other (isolated refuse item)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

P5b. Description of Photo (view, date, accession number):

*P6. Date Constructed/Age and Sources:
☒ Historic ☐ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 16,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

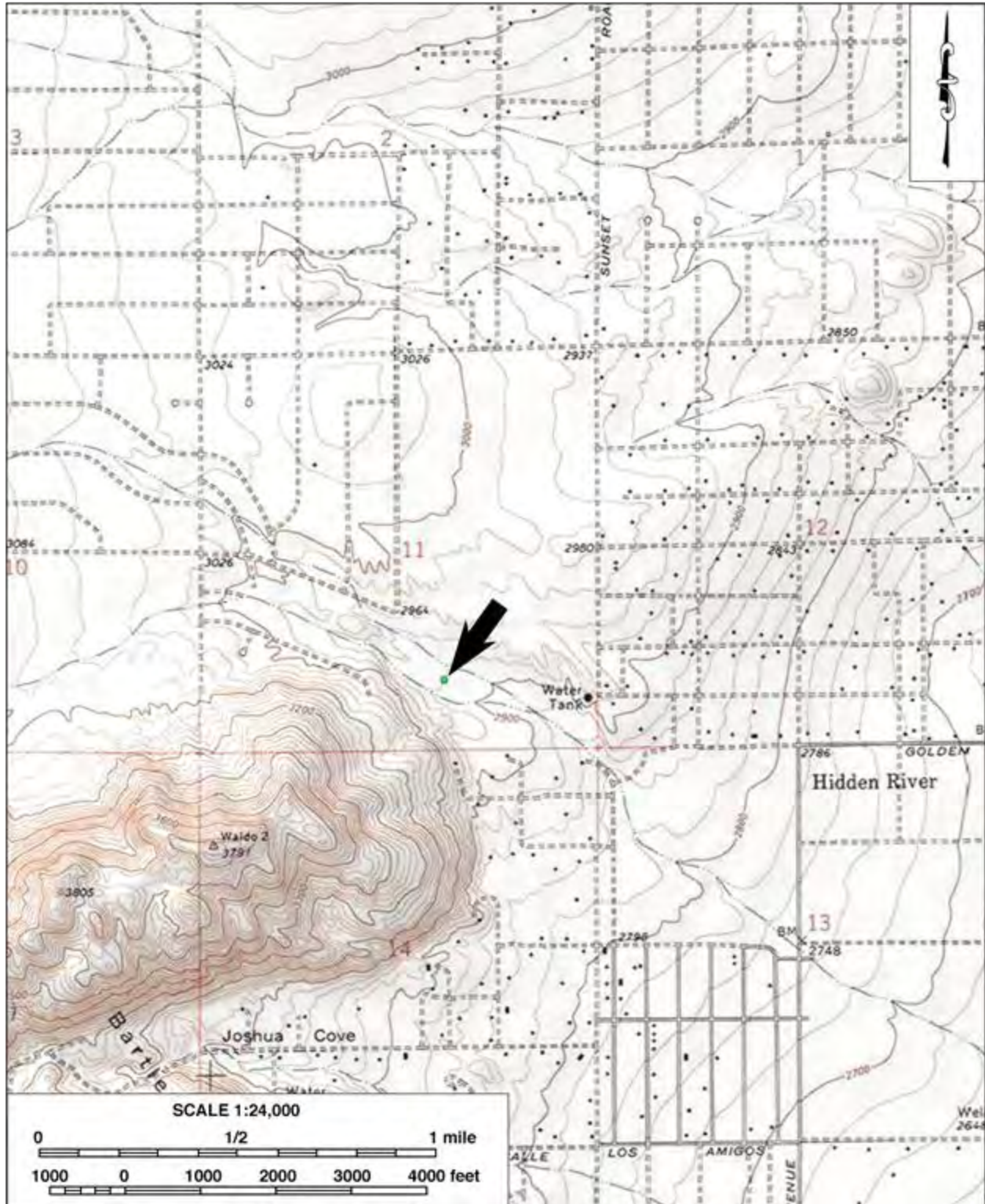
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-6

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-7

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994
T1N; R6E; NW 1/4 of SE 1/4 of Section 11; S.B. B.M.
Elevation: Approximately 2,920 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,365 mE/ 3,783,401 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 355 meters east of Sunnyhill Road and 150 meters south of an unnamed dirt road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a white chalky chert flake with straight blade edges. It measures 2.9 x 2.4 x 0.6 cm and is missing the basal and distal ends. The artifact was found in a wash, likely redeposited by the fluvial process.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on December 16, 2021

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 16, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

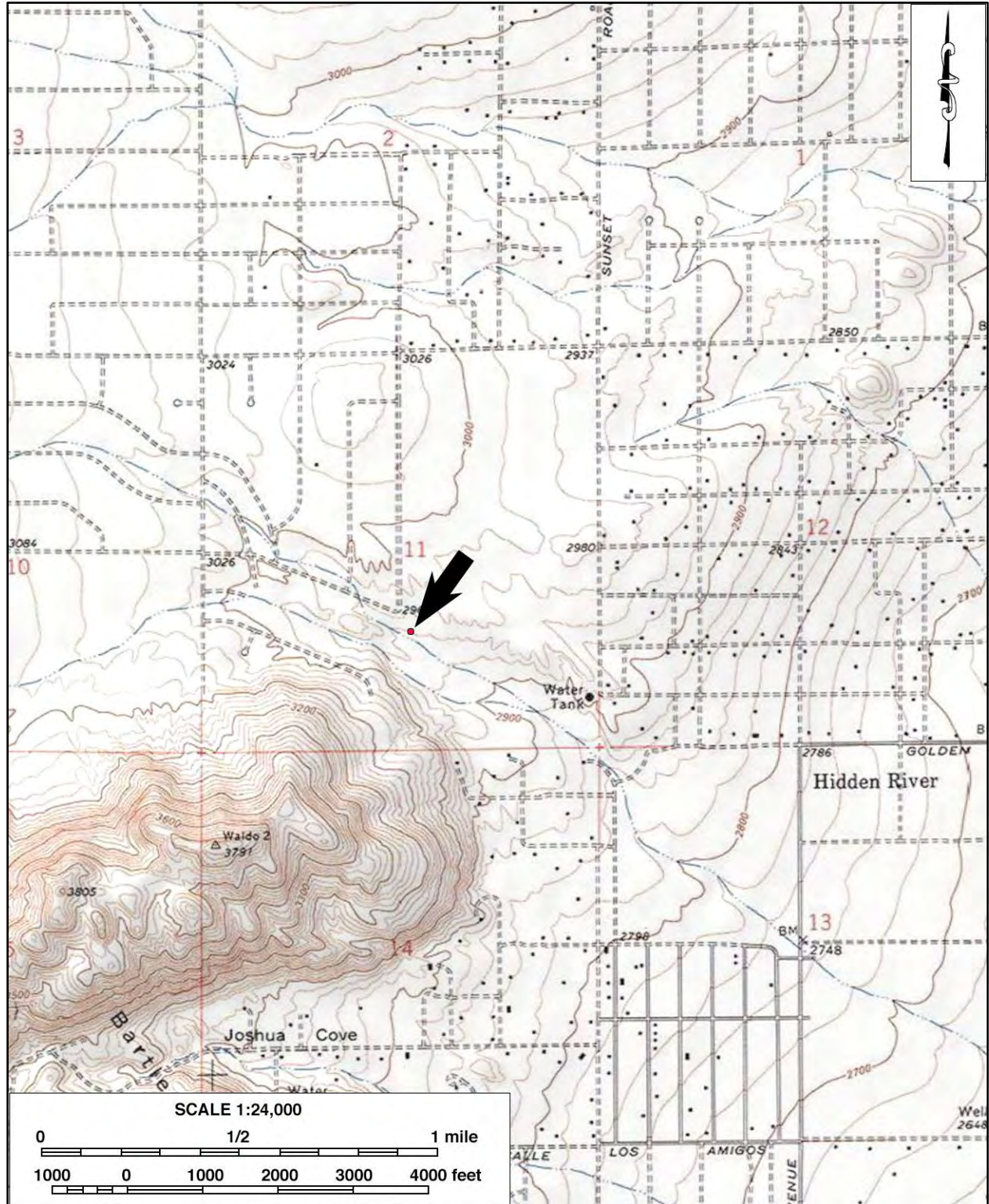
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-7

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 3796-8

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SW 1/4 of SE 1/4 of Section 11 ; S.B. B.M.

Elevation: Approximately 2,915 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,437 mE/ 3,782,329 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 225 meters south of an unnamed dirt road and 415 meters east of Sunnyhill Road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate consists of a crushed hole-in-top can found in a wash, likely redeposited by the fluvial process.

*P3b. Resource Attributes: (List attributes and codes) AH16: Other (isolated refuse item)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

P5b. Description of Photo (view, date, accession number):

*P6. Date Constructed/Age and Sources:
☒ Historic ☐ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 16, 2021

*P10. Survey Type (describe):
Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

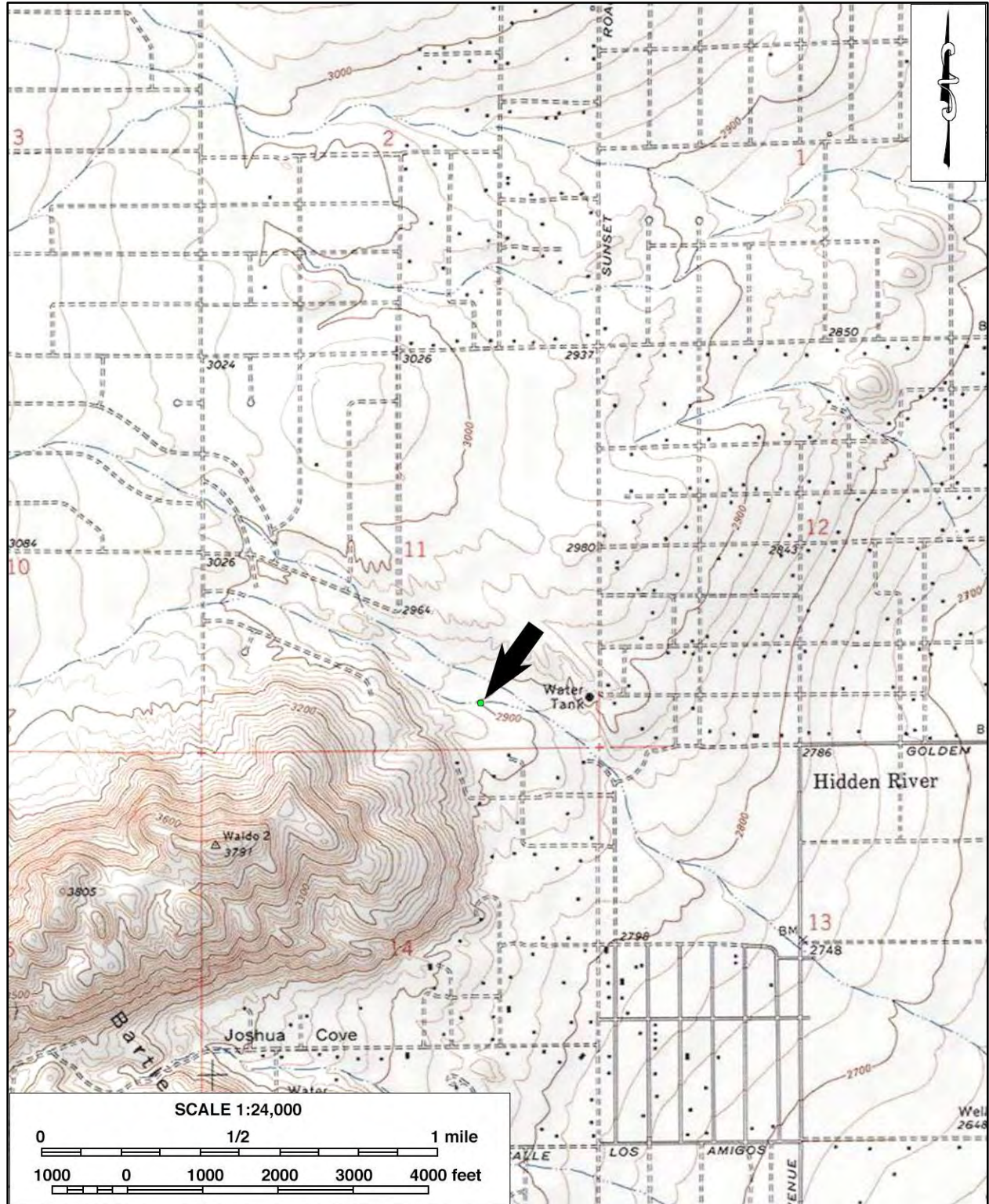
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-8

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-9

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; NW 1/4 of SE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,945 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,162 mE/ 3,782,612 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 1,150 feet south of Aberdeen Drive and 155 feet east of Outpost Road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The site consists of a refuse scatter with five sanitary cans, including two 16-ounce beverage cans, two 12-ounce beverage cans, and a meat tin.

*P3b. Resource Attributes: (List attributes and codes) AH4: Trash scatter

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on December 17, 2021

*P6. Date Constructed/Age and Sources:
☒ Historic ☐ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 17, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

ARCHAEOLOGICAL SITE RECORD

Page 2 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-9

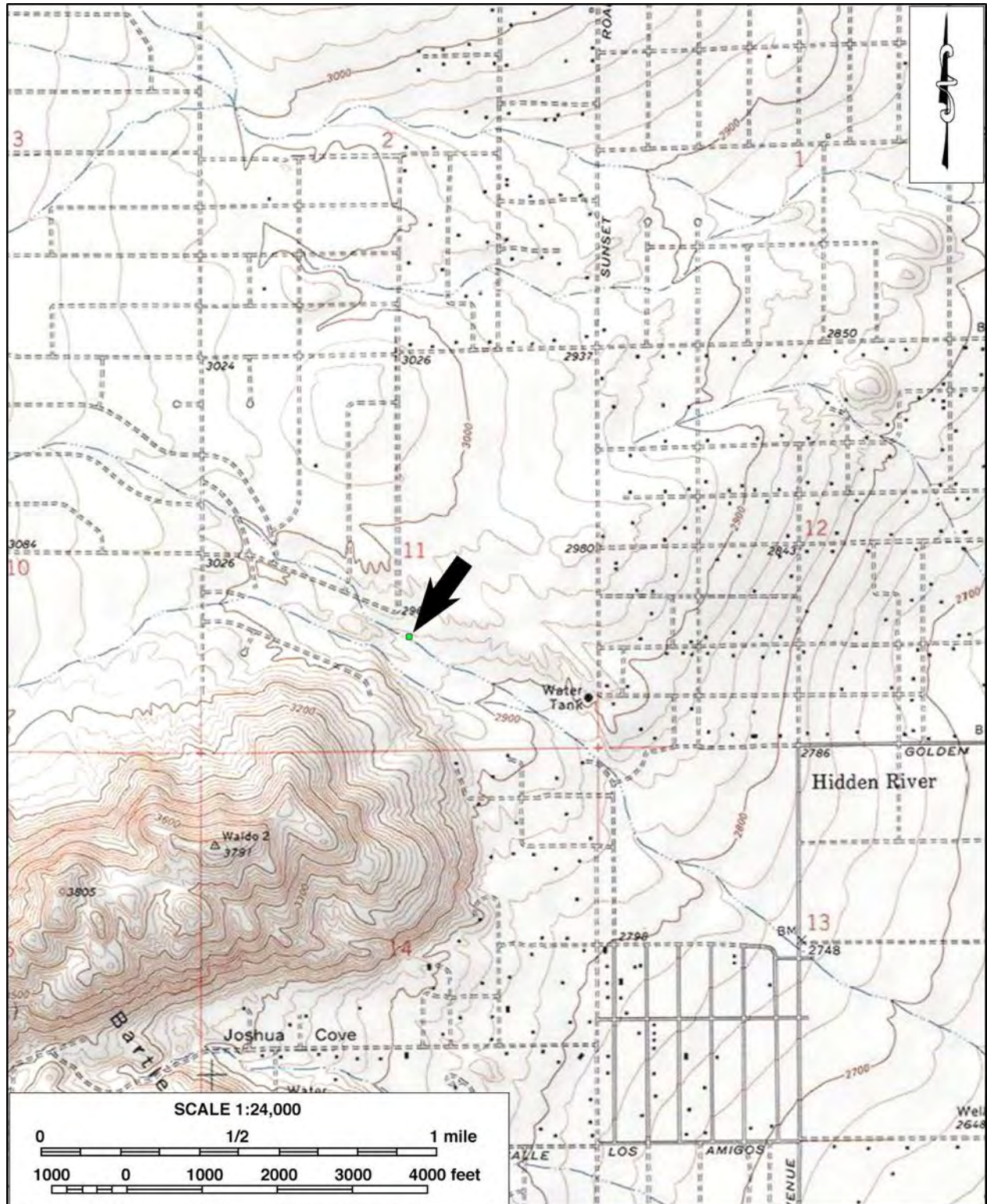
- A1. Dimensions:** a. Length 35 feet (E-W) b. Width 30 feet (N-S)
Method of Measurement: ☒ Paced ☐ Taped ☐ Visual estimate ☒ Other:
Method of Determination (Check any that apply.): ☒ Artifacts ☐ Features ☐ Soil ☐ Vegetation
☐ Topography ☐ Cut bank ☐ Animal burrow ☐ Excavation ☐ Property boundary ☐ Other (Explain):
Reliability of Determination: ☒ High ☐ Medium ☐ Low Explain:
Limitations (Check any that apply): ☐ Restricted access ☐ Paved/built over ☐ Site limits incompletely defined
☐ Disturbances ☐ Vegetation ☐ Other (Explain):
- A2. Depth:** ☒ None ☐ Unknown Method of Determination:
- *A3. Human Remains:** ☐ Present ☒ Absent ☐ Possible ☐ Unknown (Explain):
- *A4. Features:** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.) None
- *A5. Cultural Constituents:** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) See Item P3A.
- *A6. Were Specimens Collected?** ☒ No ☐ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)
- *A7. Site Condition:** ☐ Good ☒ Fair ☐ Poor (Describe disturbances.):
- *A8. Nearest Water** (Type, distance, and direction.): An intermittent drainage/wash is located approximately 330 feet to the south.
- *A9. Elevation:** Approximately 2,945 feet above mean sea level
- A10. Environmental Setting:** (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.): The site is located near the northeastern base of the Barrett Mountains. Vegetation in the vicinity belongs to the Creosote Bush Scrub community and includes creosote bush, Joshua trees, cotton cactus, cholla cactus, ephedra, wild buckwheat, and some black mustard. Surface soils are composed of a slightly alkaline sandy loam.
- A11. Historical Information:**
- *A12. Age:** ☐ Prehistoric ☐ Protohistoric ☐ 1542-1769 ☐ 1769-1848 ☐ 1848-1880 ☐ 1880-1914 ☒ 1914-1945
☐ Post 1945 ☐ Undetermined **Describe position in regional prehistoric chronology or factual historic dates if known:**
- A13. Interpretations:** (Discuss scientific, interpretive, ethnic, and other values of site, if known)
- A14. Remarks:** Historic-era trash scatters such as this one are ubiquitous across the Mojave Desert region. With no documented association with any person or event of known historic significance and little potential to yield any important archaeological data, this site does not appear eligible for listing in the National Register of Historic Places or the California Register of Historical Resources.
- A15. References:** (Documents, informants, maps, and other references.): See Item P11.
- A16. Photographs:** (List subjects, direction of view, and accession numbers or attach a Photograph Record.):
Original Media/Negatives Kept at: CRM TECH, Colton, California
- *A17. Form Prepared by:** Hunter O'Donnell **Date:** December 27, 2021
Affiliation and Address: CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

LOCATION MAP

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



SKETCH MAP

Primary # _____

HRI # _____

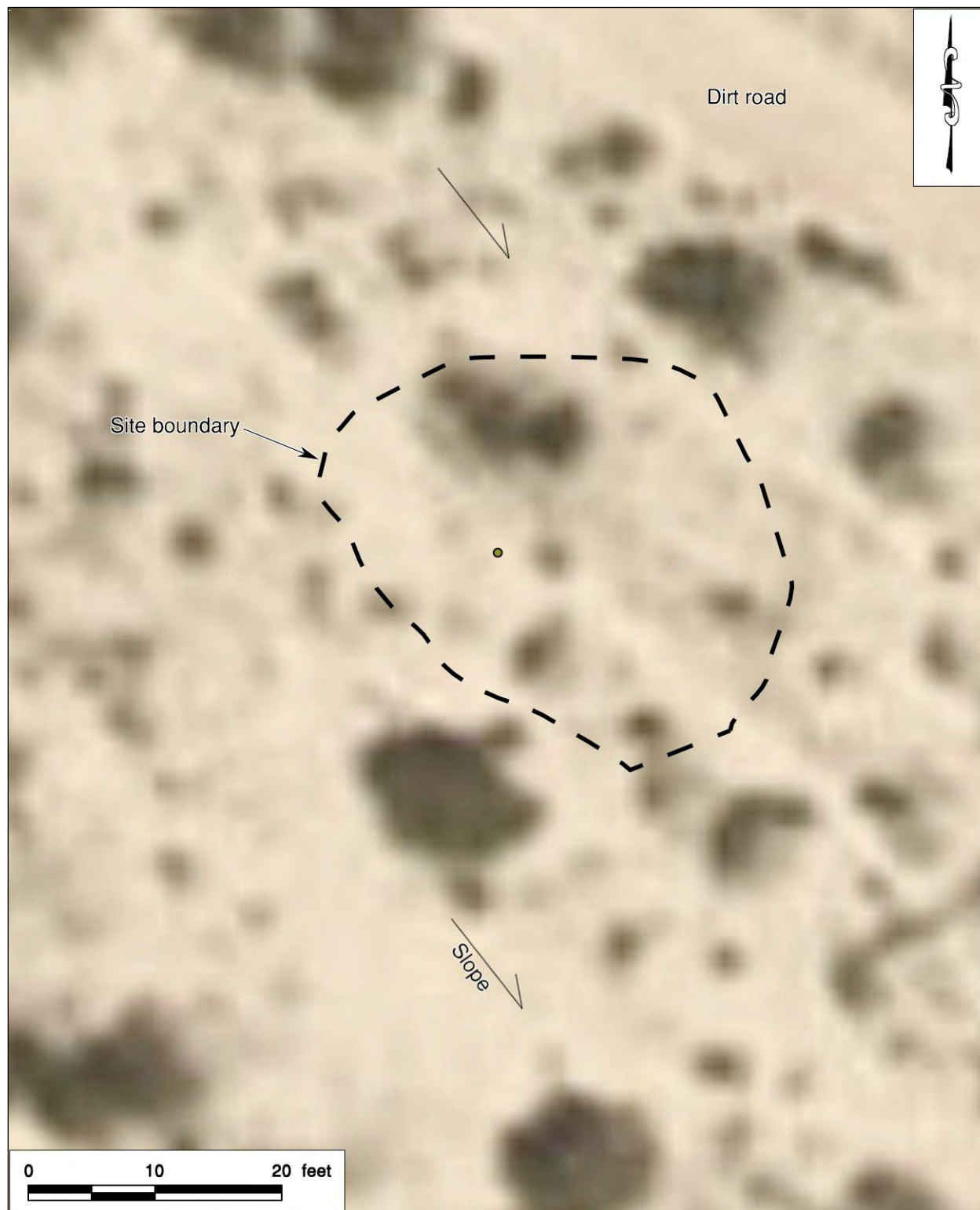
Trinomial _____

Page 4 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-9

Drawn by: Hunter O'Donnell

*Date: December 27, 2021



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-10

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994
T1N; R6E; NW 1/4 of SE 1/4 of Section 11 ; S.B. B.M.
Elevation: Approximately 3,000 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,326 mE/ 3,782,668 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 215 meters east of Outpost Road and 105 meters north of an unnamed dirt road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a primary flake of brownish-tan jasper measuring 4.4 x 3.1 x 1.4 cm. It was found on a relatively level surface between a road and a south facing slope above a wash.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 17, 2021 (dorsal side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 17, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

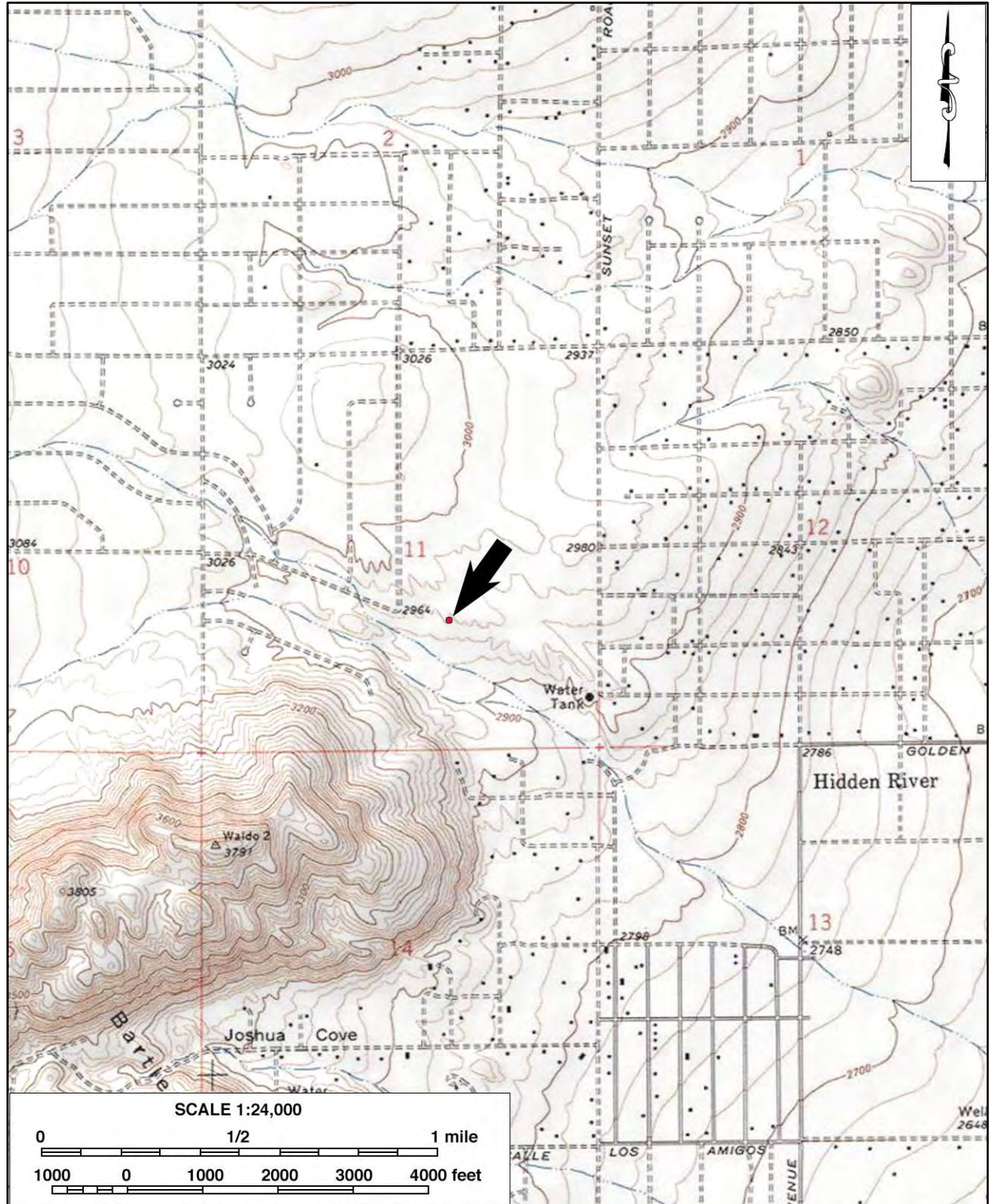
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-10

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-11

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; NW 1/4 of SE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,970 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,444 mE/ 3,782,672 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 330 meters east of Outpost Road and 115 meters north of an
unnamed dirt road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a tertiary flake of brown jasper measuring 3.8 x 3.2 x 0.8 cm, with two flake scars on its ventral face. It was found on a relatively level surface between a road and a south facing slope above a wash.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 17, 2021 (ventral side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 17, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

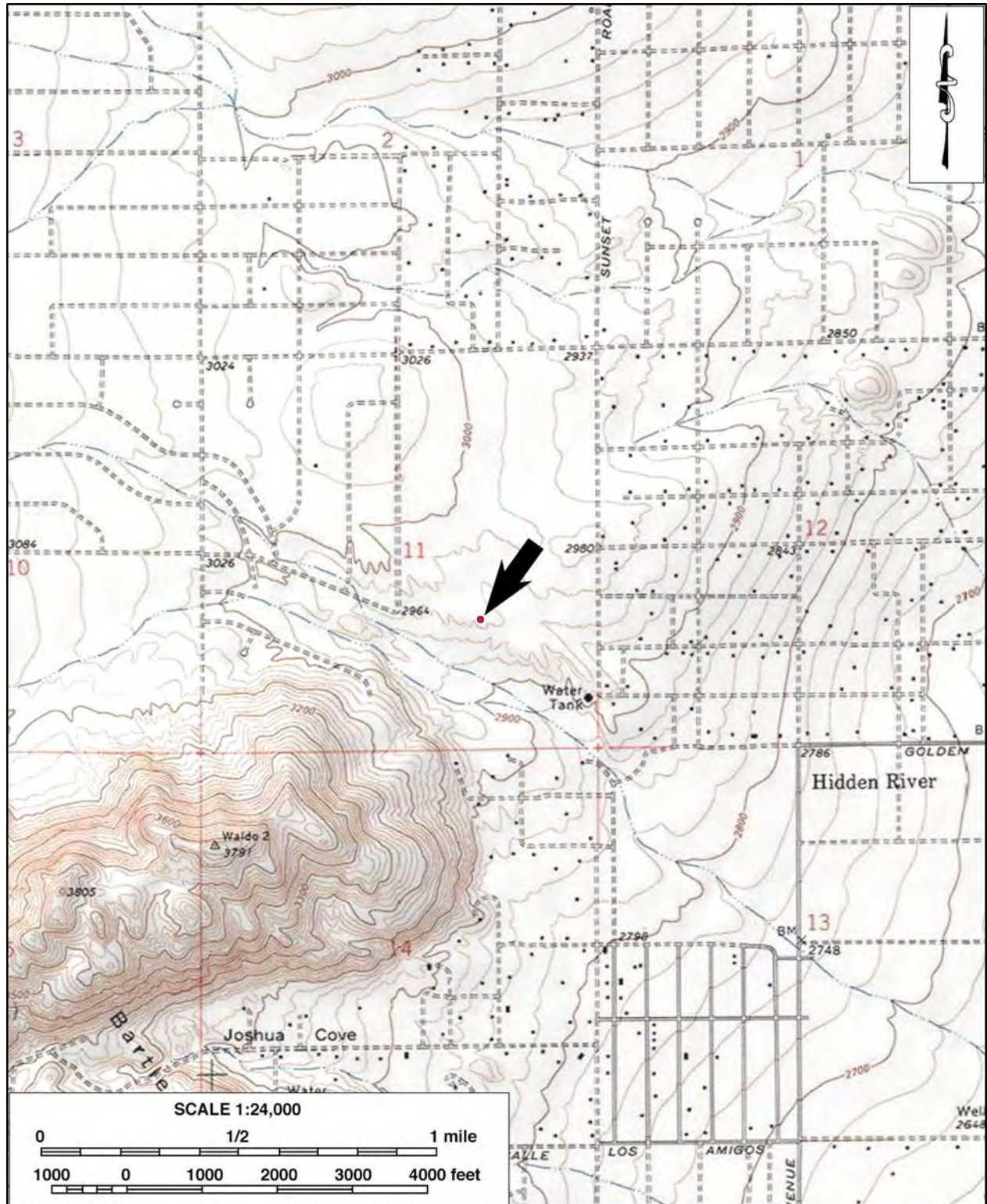
*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 3796-12

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SE 1/4 of NE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,990 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,658 mE/ 3,782,026 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 270 meters west of Avenida Del Sol and 750 meters south of
Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a primary flake of mustard-brown jasper, found on a relatively level surface. It measures 2.0 x 1.1 x 0.9 cm and exhibits two flake scars on the ventral face.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken
on December 20, 2021
(ventral side)

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 20,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

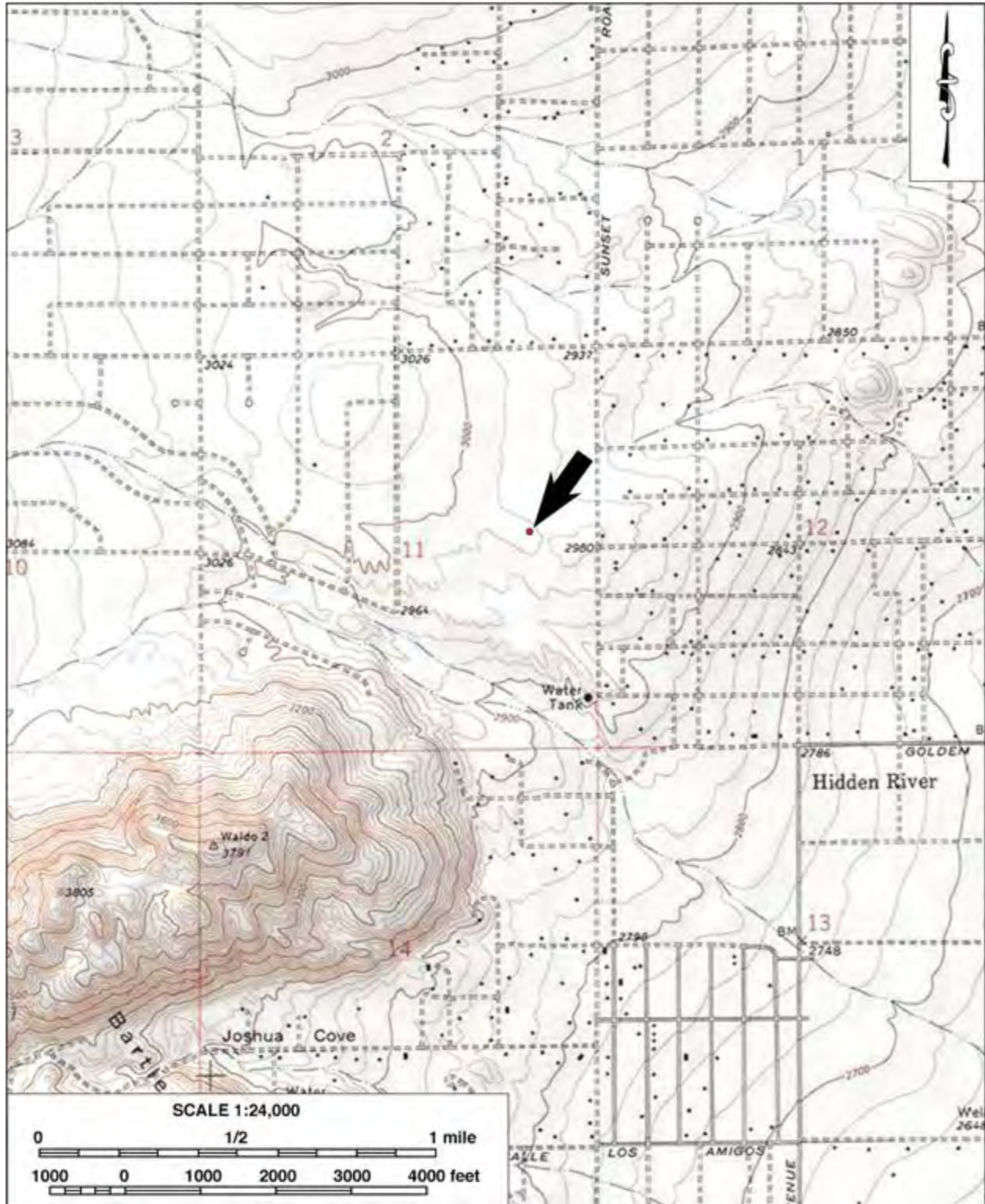
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-12

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-13

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994
T1N; R6E; SW 1/4 of NE 1/4 of Section 11 ; S.B. B.M.
Elevation: Approximately 2,994 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,458 mE/ 3,783,129 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 620 meters south of Aberdeen Drive and 335 meters east of
Outpost Road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The site is a prehistoric lithic scatter with one lithic tool, two tested cobbles, and thirteen pieces of debitage. The tool is a quartzite hammerstone with battering evident on one end, and the debitage includes one brown jasper secondary flake, one reddish-brown jasper secondary flake, five quartzite pieces of shatter, three yellowish brown jasper pieces of shatter, and a milky quartz piece of shatter.

*P3b. Resource Attributes: (List attributes and codes) AP2: Lithic scatter

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on
December 20, 2021

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 20,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHAEOLOGICAL SITE RECORD

Primary #

Trinomial

Page 2 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-13

- A1. Dimensions:** a. Length 21 meters (NW-SE) b. Width 12 meters (SW-NE)
Method of Measurement: Paced Taped Visual estimate ☒ Other: ARCGIS
Method of Determination (Check any that apply.): ☒ Artifacts Features Soil Vegetation
Topography Cut bank Animal burrow Excavation Property boundary Other (Explain):
Reliability of Determination: ☒ High Medium Low Explain:
Limitations (Check any that apply): Restricted access Paved/built over Site limits incompletely defined
Disturbances Vegetation Other (Explain):
- A2. Depth:** ☒ None Unknown Method of Determination:
- *A3. Human Remains:** Present ☒ Absent Possible Unknown (Explain):
- *A4. Features:** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.) None
- *A5. Cultural Constituents:** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) The lithic tool (HS-1), a quartzite hammerstone with battering evident on one end, measures 11.1 x 10.9 x 7.8 cm. The two tested cobbles (L-3) are also quartzite in material and measure 11.5 x 9.8 x 9.0 cm and 12.9 x 9.2 x 9.0 cm. The brown jasper secondary flake (L-12) measures 3.5 x 3.0 x 1.2 cm, exhibiting a clear platform and three flake scars, and the reddish-brown jasper secondary flake (L-5) measures 2.2 x 1.9 x 1.8 cm, with 10% cortex remaining. The nine pieces of shatter present three different materials: quartzite, yellowish-brown jasper, and milky quartz. The quartzite shatters (L-6, L-7, L-8, L-9, and L-10) measure 4.1 x 1.9 x 1.0 cm (with 20% cortex), 6.7 x 2.9 x 0.8 cm (with 40% cortex), 2.8 x 2.7 x 1.6 cm (with 40% cortex), 5.5 x 5.4 x 2.8 cm (with 30% cortex), and 3.6 x 2.7 x 1.0 cm (with 30% cortex). The three jasper shatters (L-1, L-2, and L-4) measure 3.1 x 2.9 x 1.8 cm (with 40% cortex), 4.4 x 3.3 x 1.2 cm (with 30% cortex), and 5.5 x 4.1 x 2.9 cm (with 40% cortex). The quartz shatter (L-11) measures 3.3 x 2.0 x 0.5 cm and appears to have been heat-treated, exhibiting a bubbly texture on its surface.
- *A6. Were Specimens Collected?** ☒ No Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)
- *A7. Site Condition:** Good ☒ Fair Poor (Describe disturbances.):
- *A8. Nearest Water** (Type, distance, and direction.): An intermittent drainage/wash is located approximately 700 meters to the south.
- *A9. Elevation:** Approximately 2,995 feet above mean sea level
- A10. Environmental Setting:** (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.): The site is located near the northeastern base of the Barrett Mountains. Vegetation in the vicinity belongs to the Creosote Bush Scrub community and includes creosote bush, Joshua trees, cotton cactus, cholla cactus, ephedra, wild buckwheat, and some black mustard. Surface soils are composed of a slightly alkaline sandy loam.
- A11. Historical Information:**
- *A12. Age:** ☒ Prehistoric Protohistoric 1542-1769 1769-1848 1848-1880 1880-1914 1914-1945
Post 1945 Undetermined Describe position in regional prehistoric chronology or factual historic dates if known:
- A13. Interpretations:** (Discuss scientific, interpretive, ethnic, and other values of site, if known) Lithic scatters like this are generally interpreted as expedient in nature, where the tools found were usually fashioned for opportunistic and/or occasional use by ancient Native people on resource-gathering excursions.
- A14. Remarks:** This site does not appear eligible for listing in the National Register of Historic Places or the California Register of Historical Resources.
- A15. References:** (Documents, informants, maps, and other references.): See Item P11.
- A16. Photographs:** (List subjects, direction of view, and accession numbers or attach a Photograph Record.):
Original Media/Negatives Kept at: CRM TECH, Colton, California
- *A17. Form Prepared by:** Hunter O'Donnell **Date:** December 27, 2021
Affiliation and Address: CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

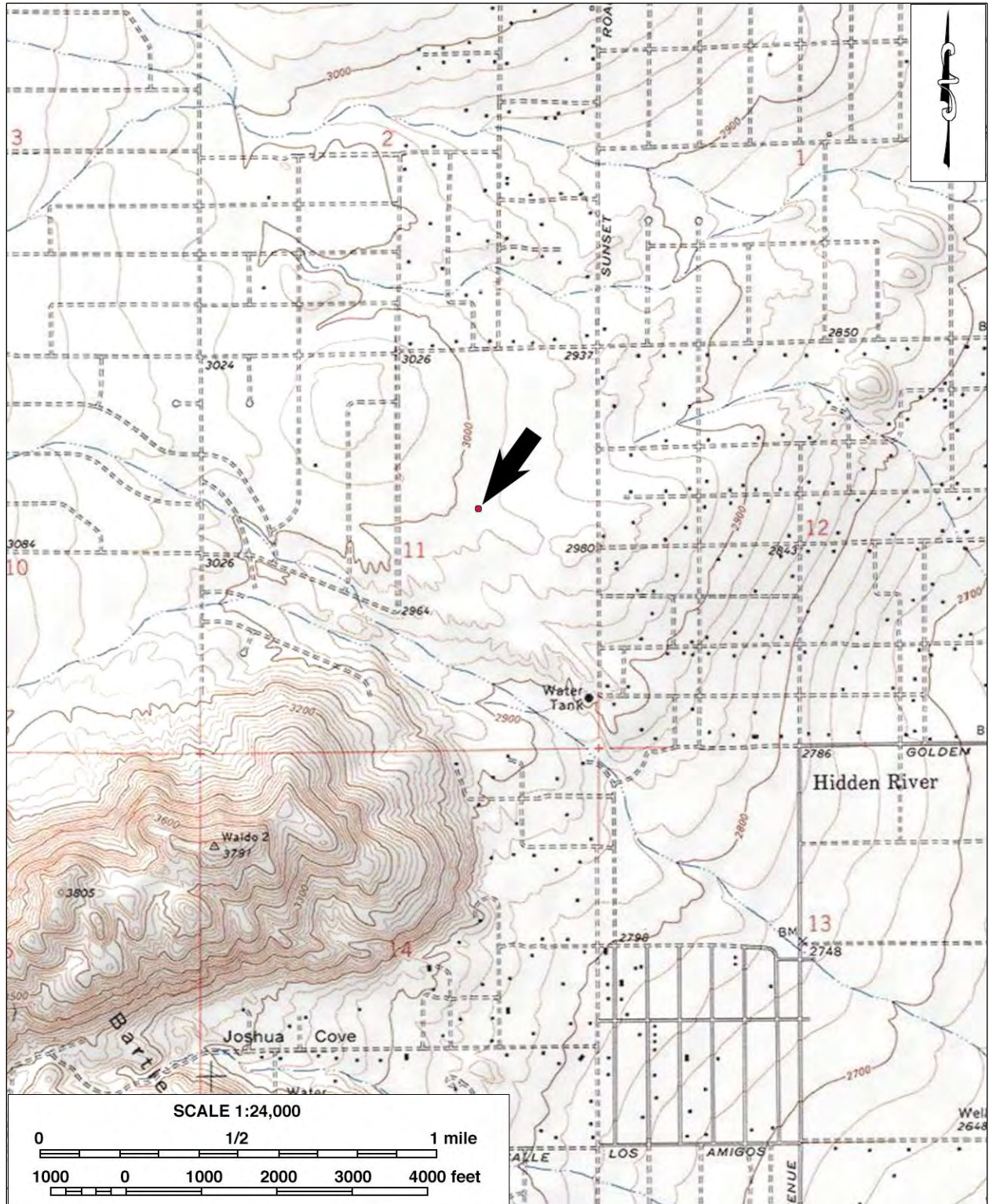
Page 3 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-13

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



SKETCH MAP

Primary # _____

HRI # _____

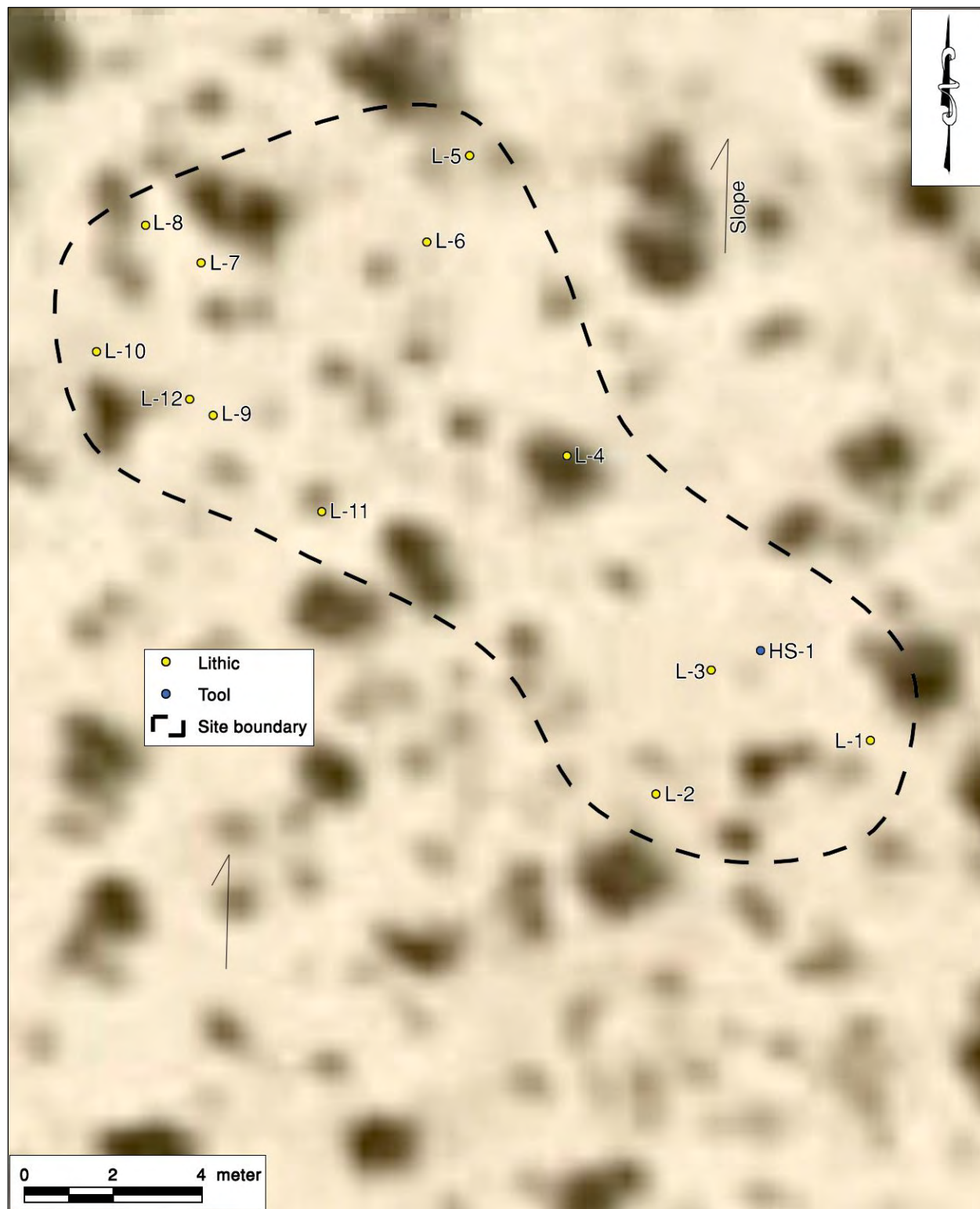
Trinomial _____

Page 4 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-13

Drawn by: Hunter O'Donnell

*Date: December 27, 2021



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-14

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994
T1N; R6E; SE 1/4 of NE 1/4 of Section 11; S.B. B.M.
Elevation: Approximately 2,985 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,564 mE/ 3,783,193 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 360 meters west of Avenida Del Sol and 560 meters south of
Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a primary flake of opaque white quartz,
measuring 3.7 x 3.1 x 1.0 cm. It was found on a relatively level surface.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken
on December 20, 2021
(dorsal side)

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 20,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

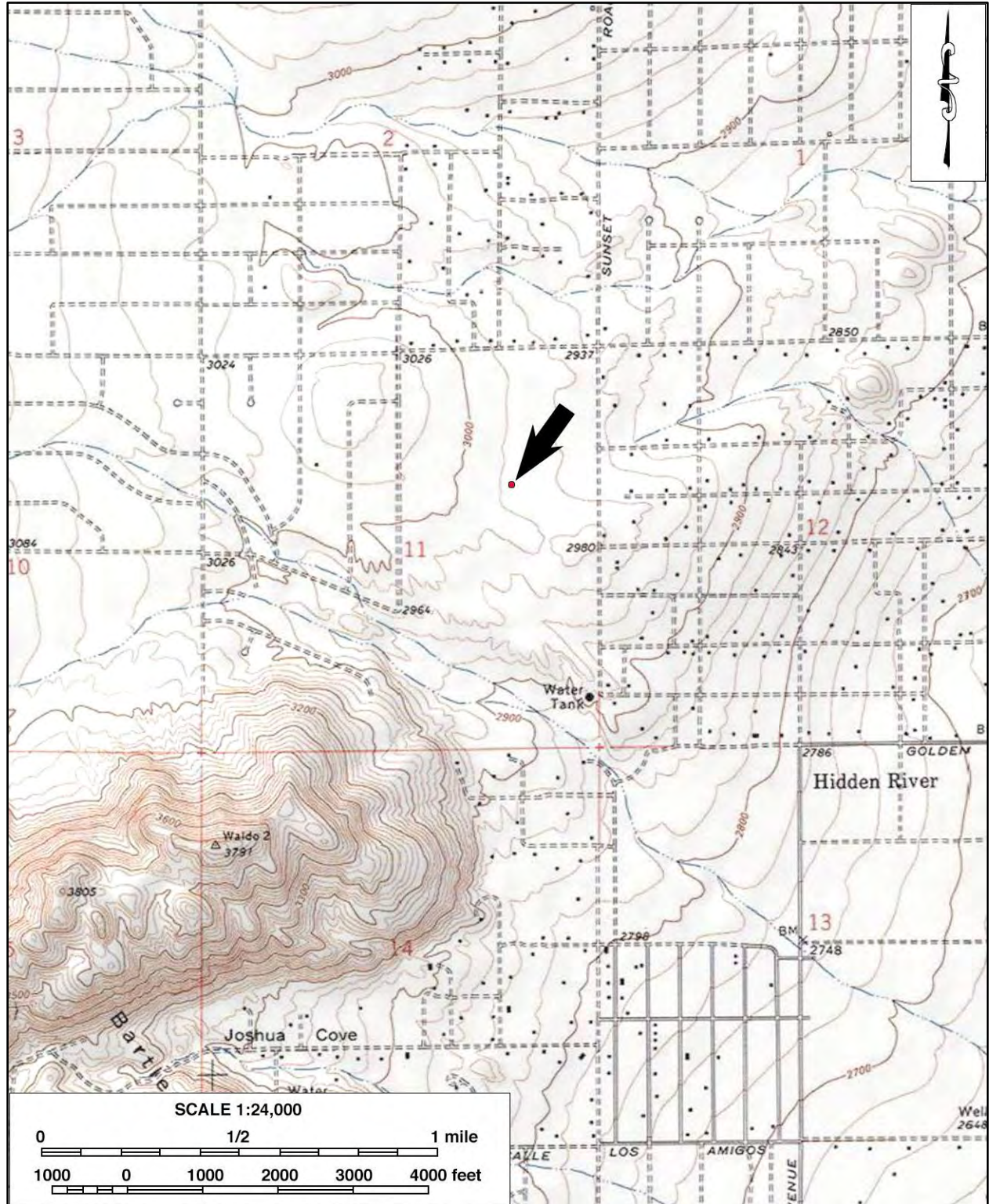
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-14

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-15

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994
T1N; R6E; SE 1/4 of NE 1/4 of Section 11; S.B. B.M.
Elevation: Approximately 2,980 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,574 mE/ 3,783,215 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 350 meters south of Aberdeen Drive and 350 meters east of
Outpost Road

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The site is a prehistoric lithic scatter with three pieces of debitage, including an opaque quartz shatter, a yellowish-brown jasper primary flake, and an orange and tannish-brown chert secondary flake.

*P3b. Resource Attributes: (List attributes and codes) AP2: Lithic scatter

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on
December 20, 2021

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 20,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
ARCHAEOLOGICAL SITE RECORD

Primary #

Trinomial

Page 2 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-15

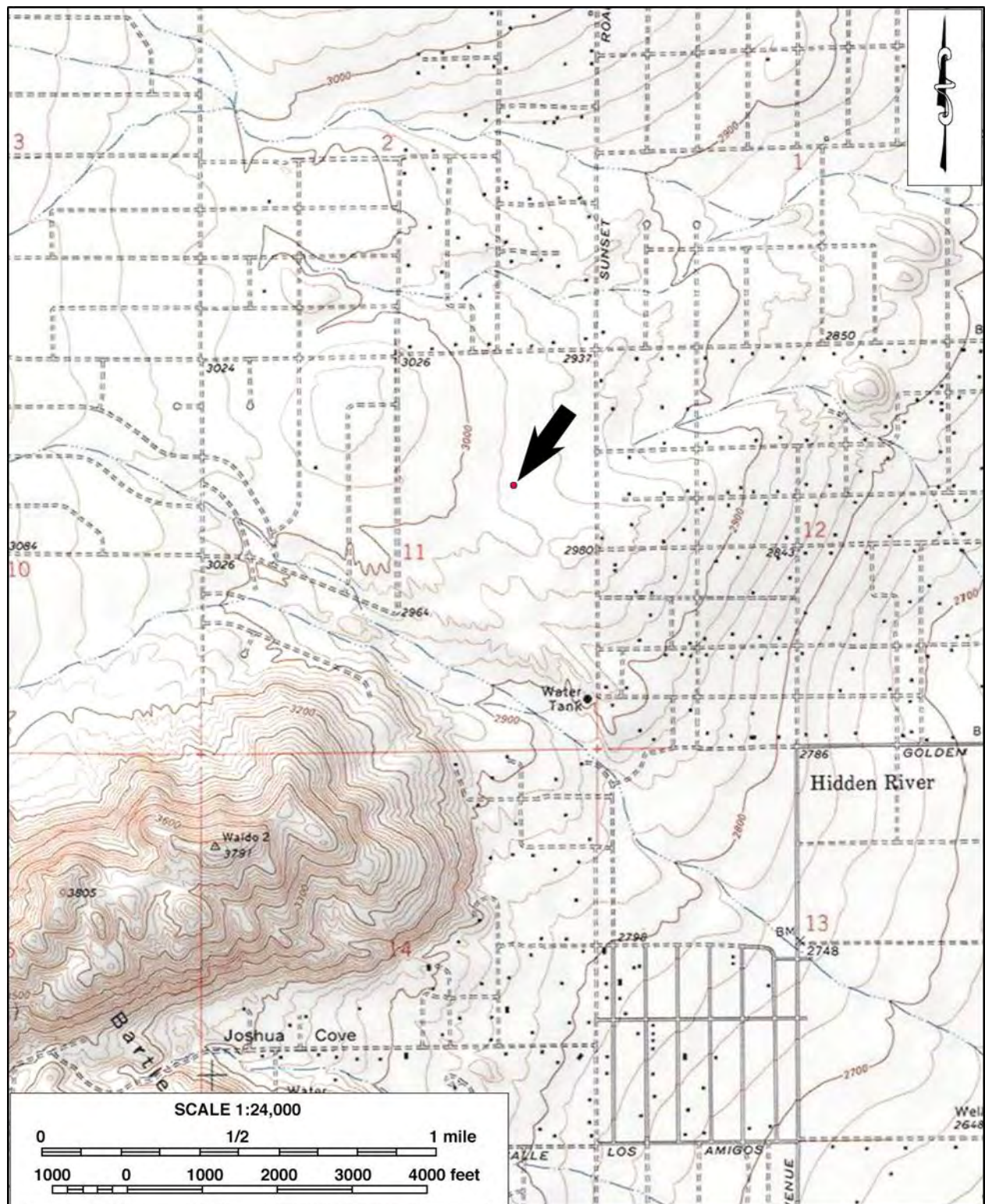
- A1. Dimensions:** a. Length Six meters (E-W) b. Width Five meters (N-S)
Method of Measurement: Paced Taped Visual estimate ☒ Other: ARCGIS
Method of Determination (Check any that apply.): ☒ Artifacts Features Soil Vegetation
Topography Cut bank Animal burrow Excavation Property boundary Other (Explain):
Reliability of Determination: ☒ High Medium Low Explain:
Limitations (Check any that apply): Restricted access Paved/built over Site limits incompletely defined
Disturbances Vegetation Other (Explain):
- A2. Depth:** None Unknown Method of Determination:
- *A3. Human Remains:** Present ☒ Absent Possible Unknown (Explain):
- *A4. Features:** (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map.) None
- *A5. Cultural Constituents:** (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features.) The opaque quartz shatter measures 8.2 x 5.4 x 4.7 cm, retains 20% cortex, and exhibits possible chipping on one edge. The yellowish-brown jasper primary flake measures 3.9 x 2.7 x 1.9 cm and retains 80% cortex. The orange and tannish-brown chert secondary flake measures 4.9 x 1.9 x 0.9 cm, retains 10% cortex, and exhibits several flake scars.
- *A6. Were Specimens Collected?** ☒ No Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.)
- *A7. Site Condition:** Good ☒ Fair Poor (Describe disturbances.):
- *A8. Nearest Water** (Type, distance, and direction.): An intermittent drainage/wash is located approximately 850 meters to the south.
- *A9. Elevation:** Approximately 2,980 feet above mean sea level
- A10. Environmental Setting:** (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc.): The site is located near the northeastern base of the Barrett Mountains. Vegetation in the vicinity belongs to the Creosote Bush Scrub community and includes creosote bush, Joshua trees, cotton cactus, cholla cactus, ephedra, wild buckwheat, and some black mustard. Surface soils are composed of a slightly alkaline sandy loam.
- A11. Historical Information:**
- *A12. Age:** ☒ Prehistoric Protohistoric 1542-1769 1769-1848 1848-1880 1880-1914 1914-1945
Post 1945 Undetermined Describe position in regional prehistoric chronology or factual historic dates if known:
- A13. Interpretations:** (Discuss scientific, interpretive, ethnic, and other values of site, if known) Lithic scatters like this are generally interpreted as expedient in nature, where the tools found were usually fashioned for opportunistic and/or occasional use by ancient Native people on resource-gathering excursions.
- A14. Remarks:** This site does not appear eligible for listing in the National Register of Historic Places or the California Register of Historical Resources.
- A15. References:** (Documents, informants, maps, and other references.): See Item P11.
- A16. Photographs:** (List subjects, direction of view, and accession numbers or attach a Photograph Record.):
Original Media/Negatives Kept at: CRM TECH, Colton, California
- *A17. Form Prepared by:** Hunter O'Donnell **Date:** December 27, 2021
Affiliation and Address: CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

LOCATION MAP

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



SKETCH MAP

Primary # _____

HRI # _____

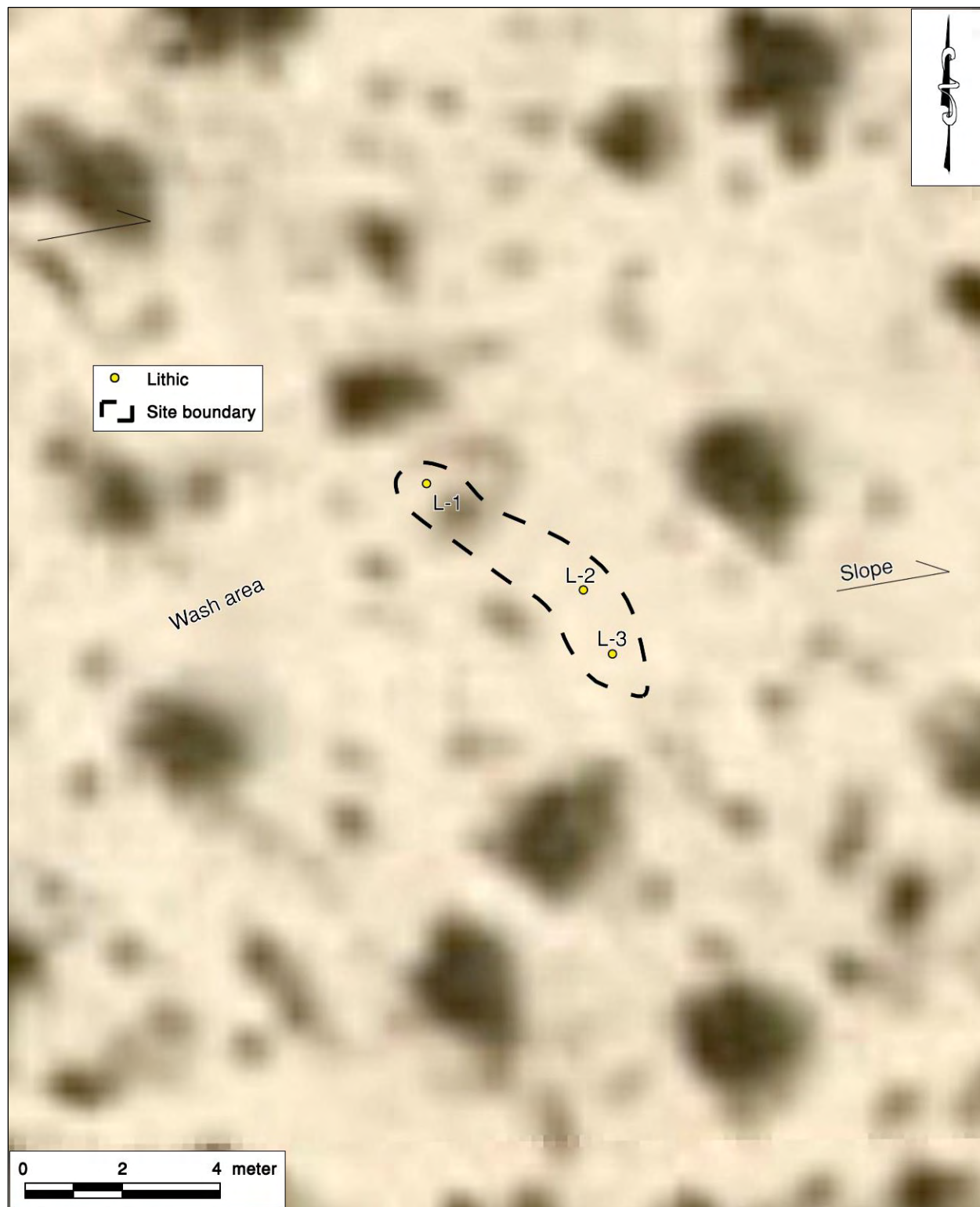
Trinomial _____

Page 4 of 4

*Resource Name or # (Assigned by recorder) CRM TECH 3796-15

Drawn by: Hunter O'Donnell

*Date: December 27, 2021



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 3796-16

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SE 1/4 of NE 1/4 of Section 11 ; S.B. B.M.

Elevation: Approximately 2,960 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,833 mE/ 3,783,180 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

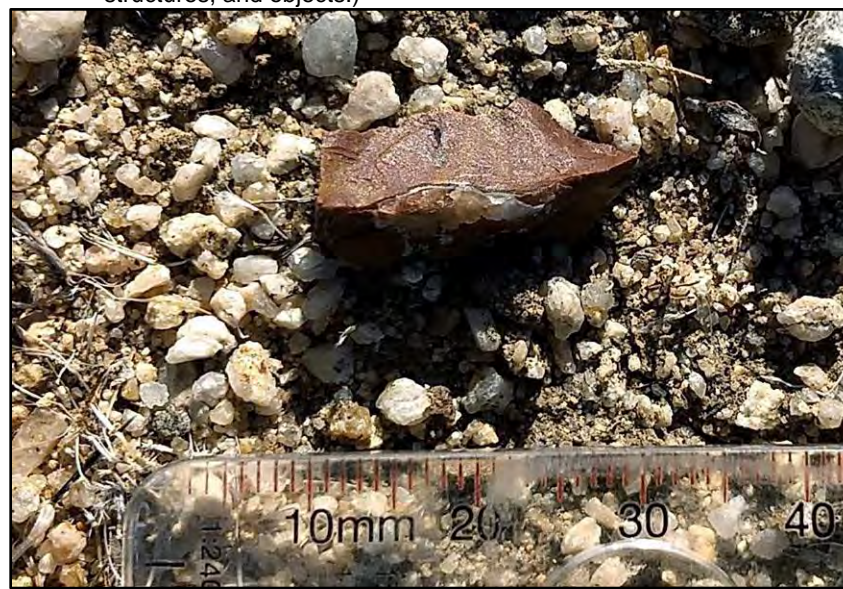
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 90 meters west of Avenida Del Sol and 580 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a tertiary flake of dark reddish-brown jasper, found on a relatively level surface. It measures 3.9 x 2.8 x 1.4 cm and exhibits five flake scars.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 20, 2021 (dorsal side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

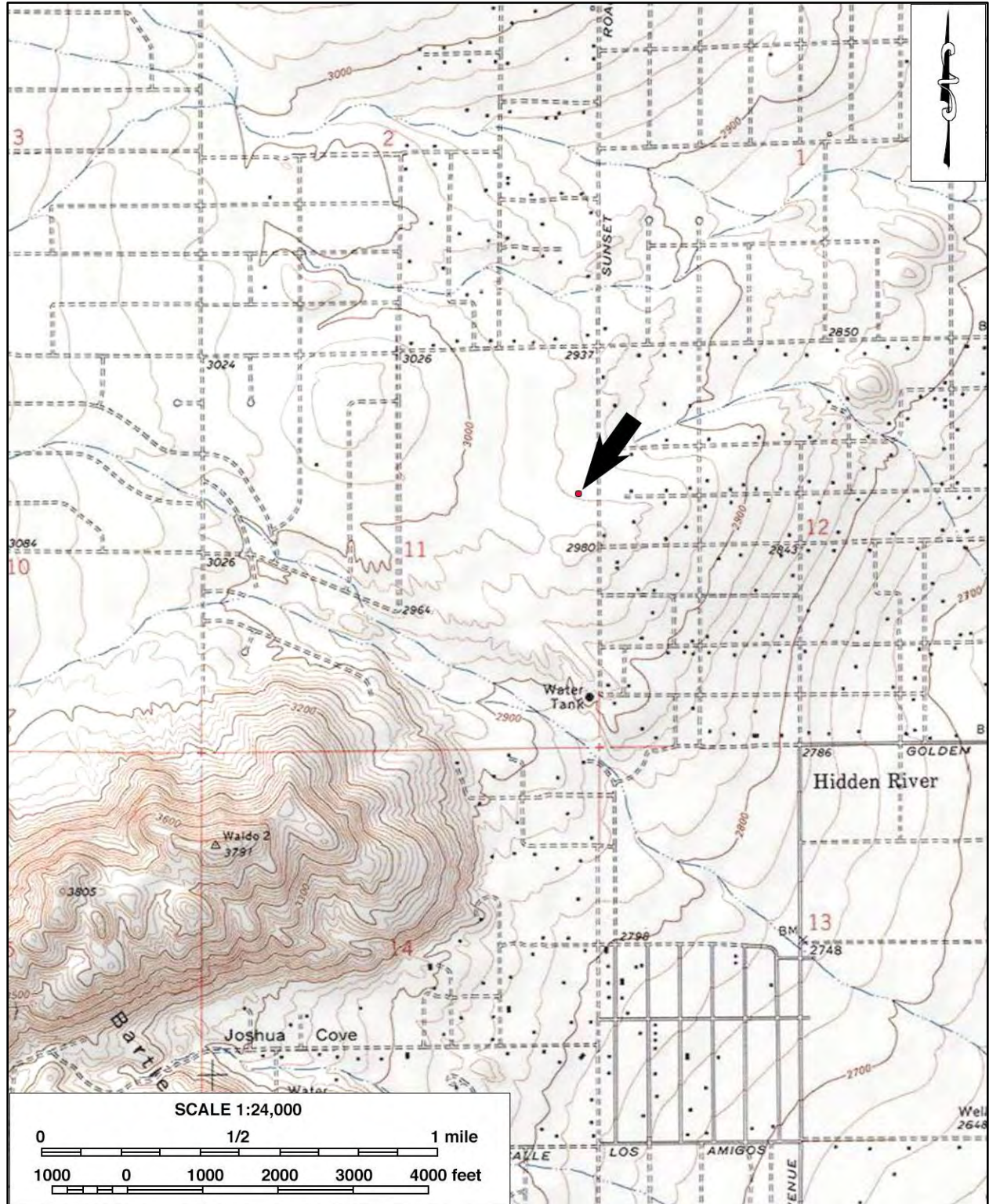
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-16

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-17

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SE 1/4 of NE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,955 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,908 mE/ 3,783,213 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 15 meters west of Avenida Del Sol and 550 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a tertiary flake of reddish-brown jasper with two flake scars and quartz inclusions, found on a relatively level surface. The flake measures 2.0 x 0.8 x 0.7 cm.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 20, 2021 (ventral side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

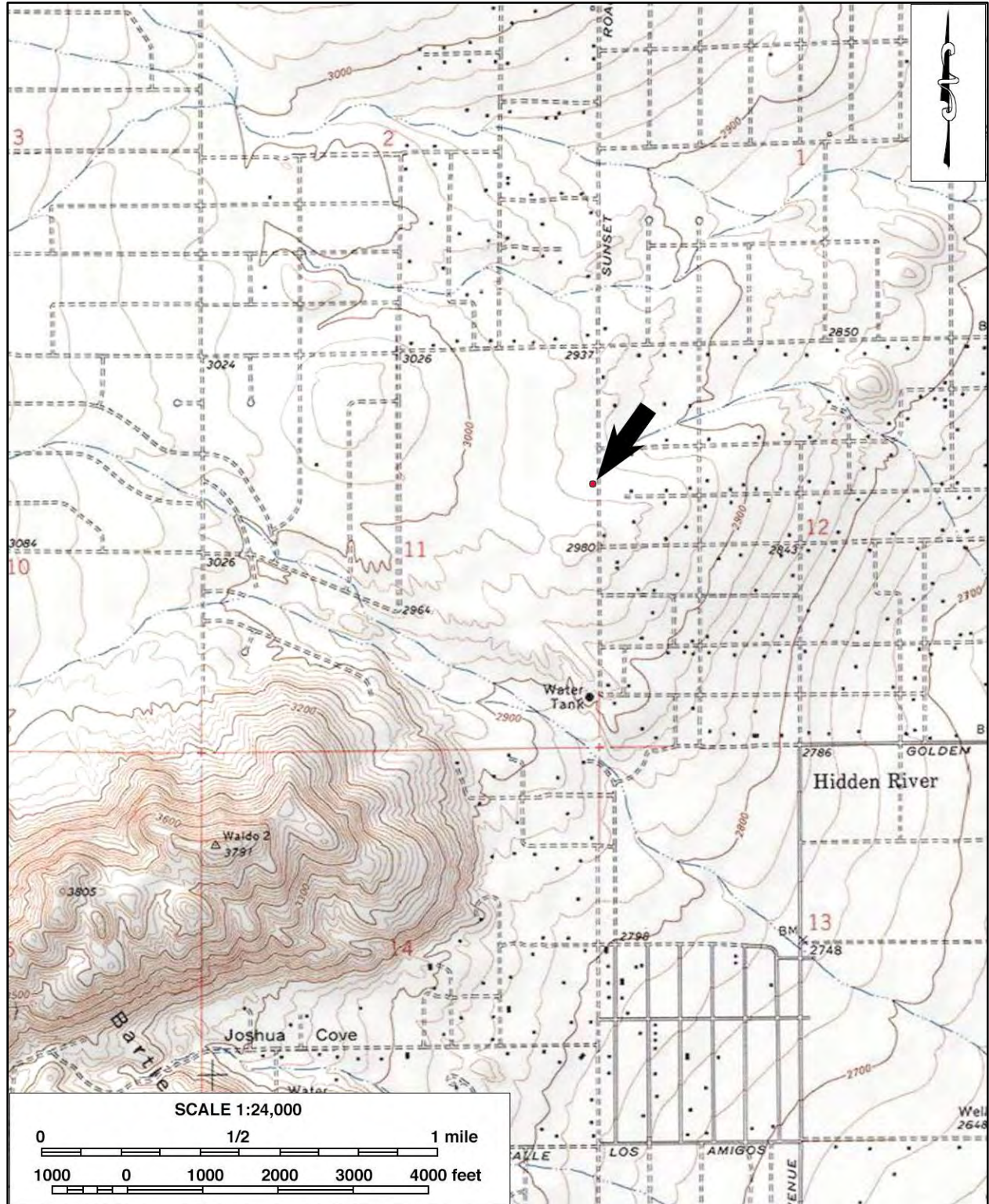
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-17

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-18

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SE 1/4 of NE 1/4 of Section 11 ; S.B. B.M.

Elevation: Approximately 2,970 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,703 mE/ 3,783,300 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 225 meters west of Avenida Del Sol and 460 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a secondary flake of yellowish-brown jasper, found on a relatively level surface. It measures 3.1 x 2.0 x 1.8 cm and retains approximately 20% cortex.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 20, 2021 (ventral side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

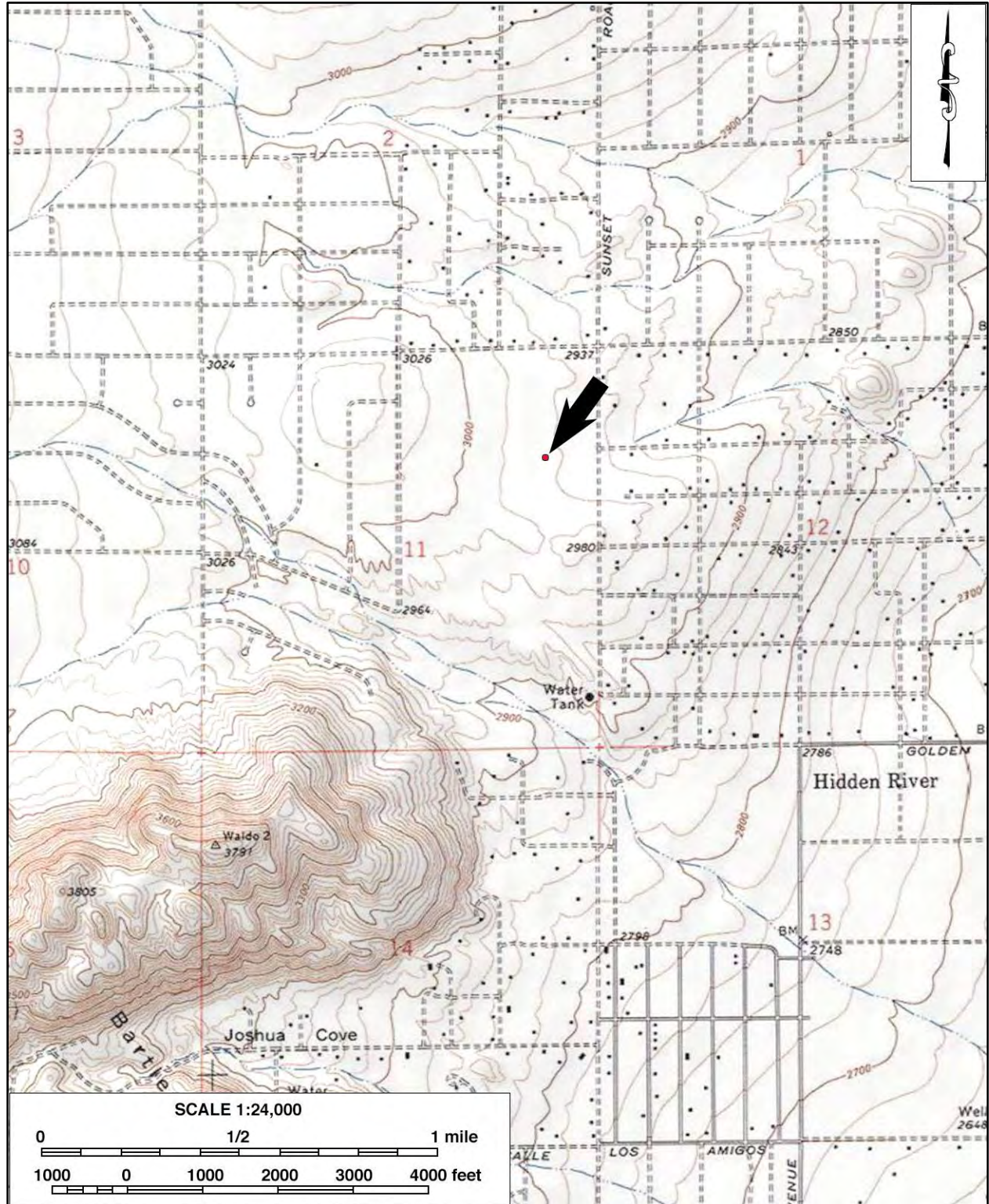
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-18

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-19

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SW 1/4 of NE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,990 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,498 mE; 3,783,287 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 375 meters east of Outpost Road and 465 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a lithic microcore of yellowish-brown jasper with 50% cortex and five flake scars, found on a relatively level surface. The artifact measures 2.8 x 2.7 x 1.8 cm.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic core)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 20, 2021 (ventral side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

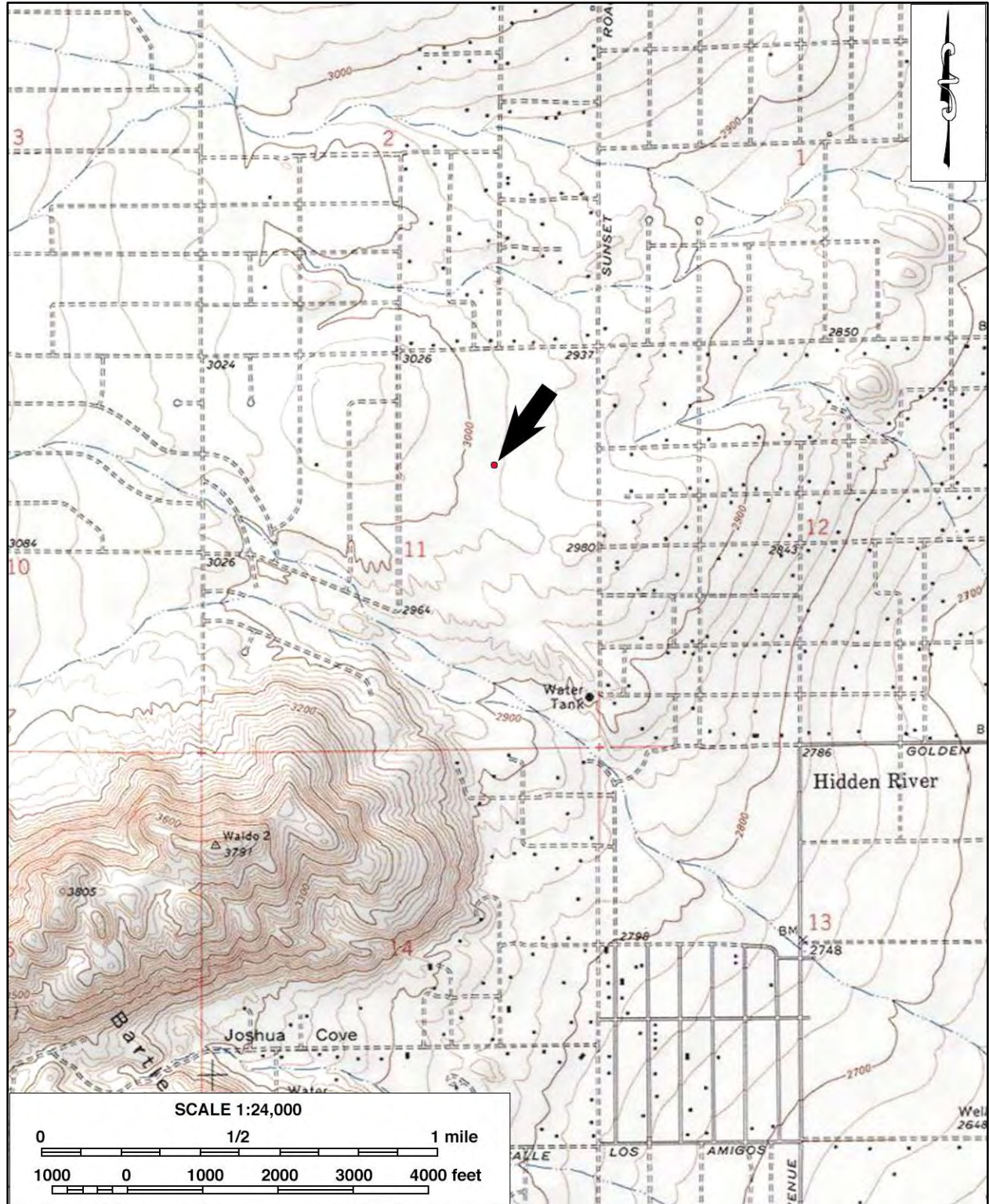
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-19

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



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

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 3796-20

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication ☐ Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994
T1N; R6E; SE 1/4 of NE 1/4 of Section 11 ; S.B. B.M.
Elevation: Approximately 2,955 feet above mean sea level.
c. Address N/A City Joshua Tree Zip _____
d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,839 mE/ 3,783,707 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49;
approximately 90 meters west of Avenida Del Sol and 445 meters south of
Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a secondary flake of yellowish-brown
jasper, found on a relatively level surface. It measures 2.3 x 1.9 x 1.1 cm,
with 35% cortex and three flake scars.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken
on December 20, 2021
(ventral side)

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304
LLC, 5023 Varna Avenue,
Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell,
CRM TECH, 1016 East Cooley
Drive, Suite A/B, Colton,
CA 92324

*P9. Date Recorded: December 20,
2021

*P10. Survey Type (describe):
Intensive-level survey for
CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael
Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022):
Historical/Archaeological Resources Survey Report: Assessor's Parcel Number
0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

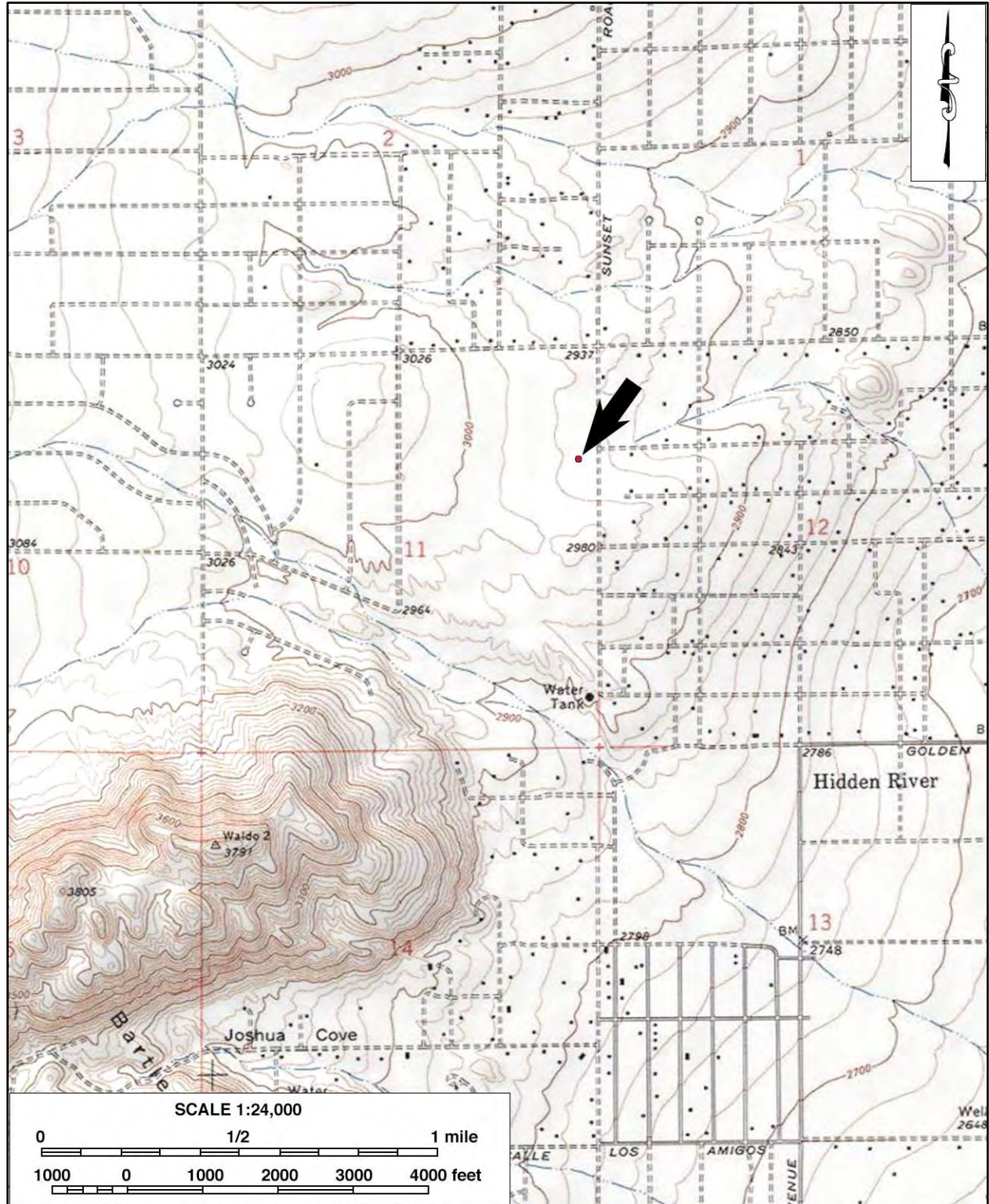
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-20

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-21

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SE 1/4 of NE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,950 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,861 mE/ 3,783,337 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 65 meters west of Avenida Del Sol and 425 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a tertiary flake of yellowish-brown jasper, found on a relatively level surface. It measures 2.8 x 1.9 x 0.8 cm and retains no cortex.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 20, 2021 (dorsal side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

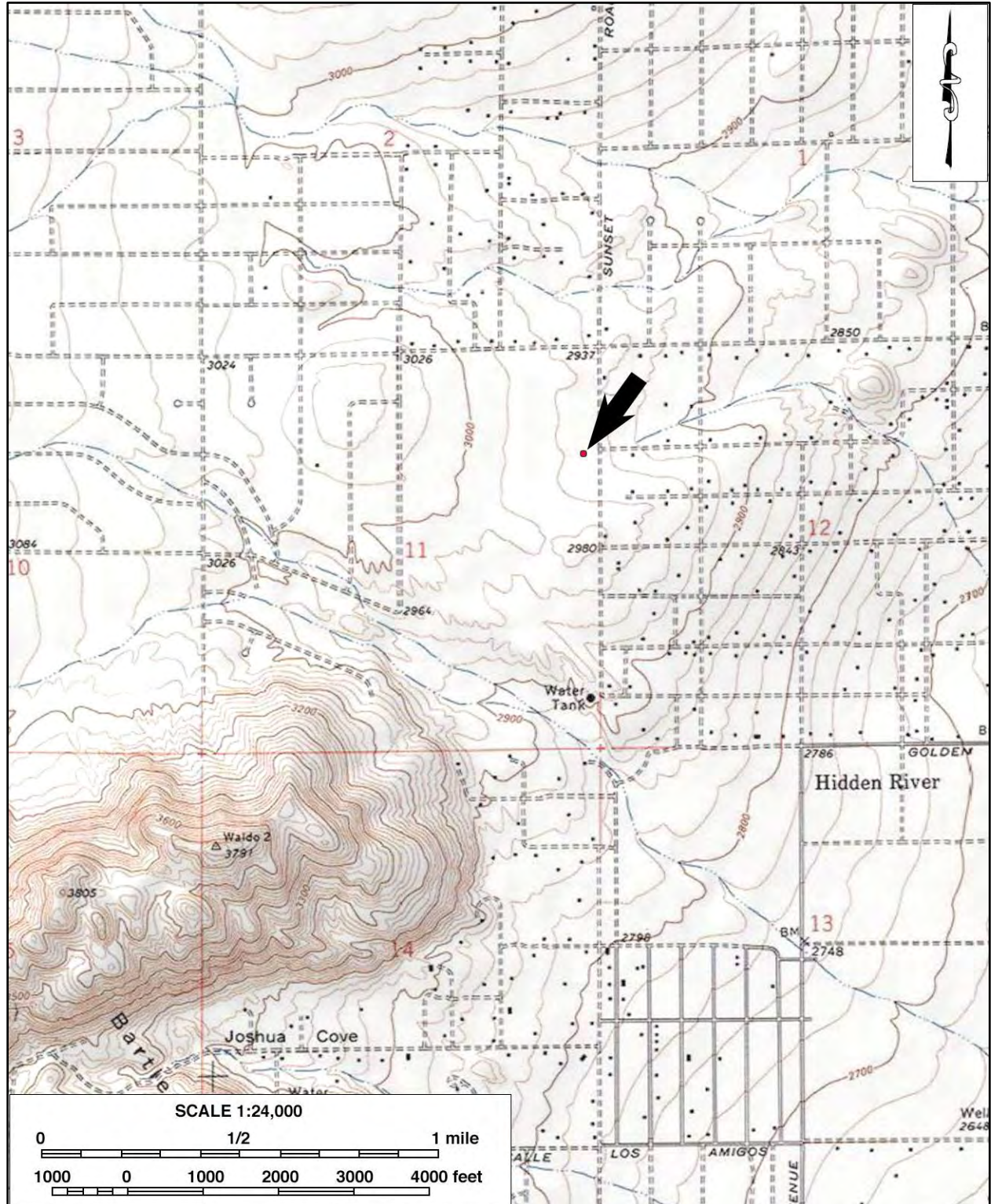
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-21

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 3796-22

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; SE 1/4 of NE 1/4 of Section 11 ; S.B. B.M.

Elevation: Approximately 2,950 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11 ; 562,755 mE/ 3,783,332 mN
UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 65 meters west of Avenida Del Sol and 425 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The prehistoric artifact is a bifacially worked scraping tool found on a relatively level surface. The scraper is made from a flake of brownish-red jasper and measures 5.2 x 3.4 x 0.9 cm. It exhibits two flake scars on the distal edge of the dorsal face, and at least five flakes have been removed from the ventral face.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic tool)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Taken on December 20, 2021

*P6. Date Constructed/Age and Sources:
☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

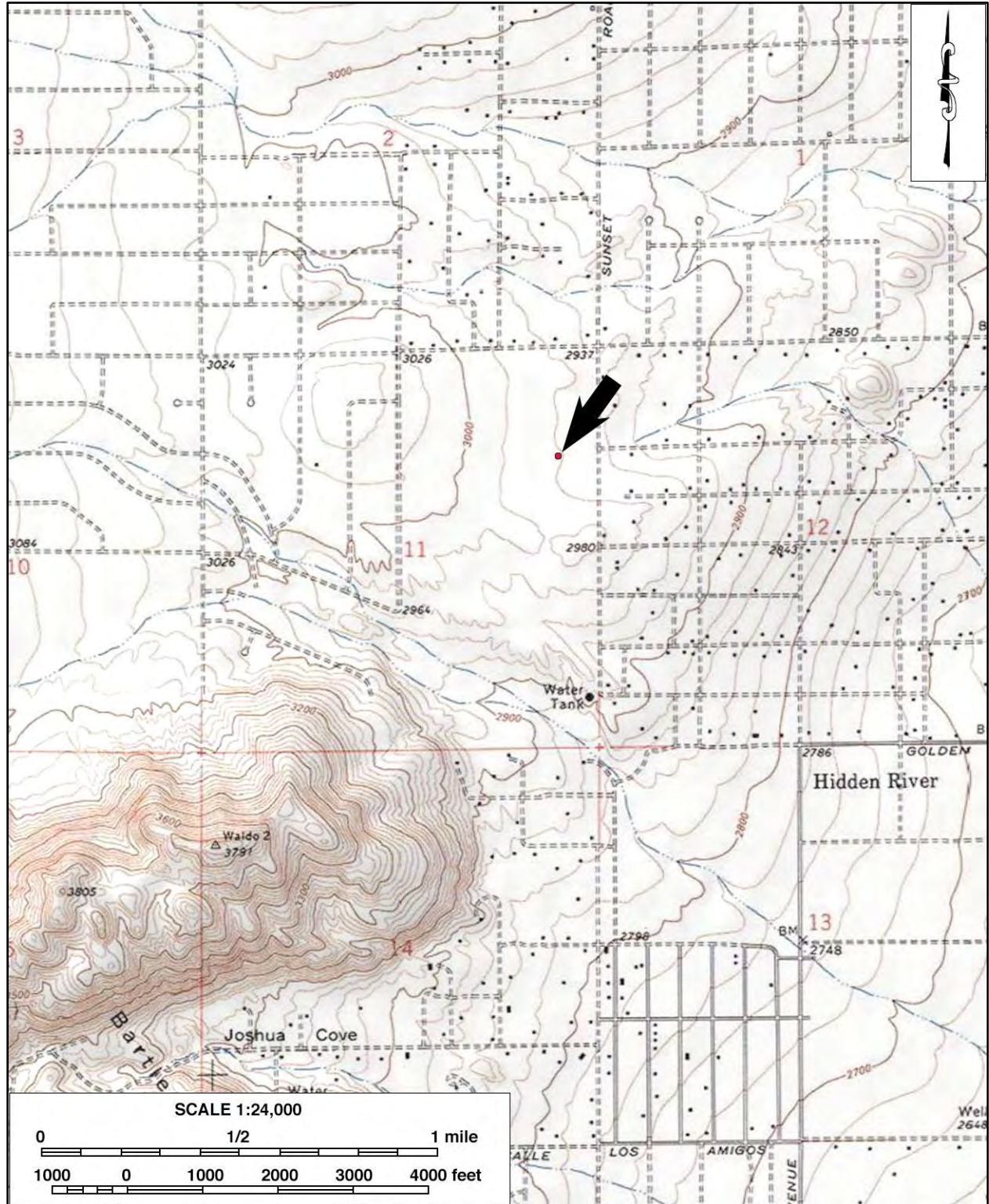
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-22

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-23

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; NW 1/4 of NE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 3,000 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,432 mE/ 3,783,600 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 310 meters east of Outpost Road and 150 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a secondary flake of mustard-yellow jasper, found on a relatively level surface. It measures 2.3 x 2.2 x 0.6 cm and retains approximately 40% cortex.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 20, 2021 (dorsal side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

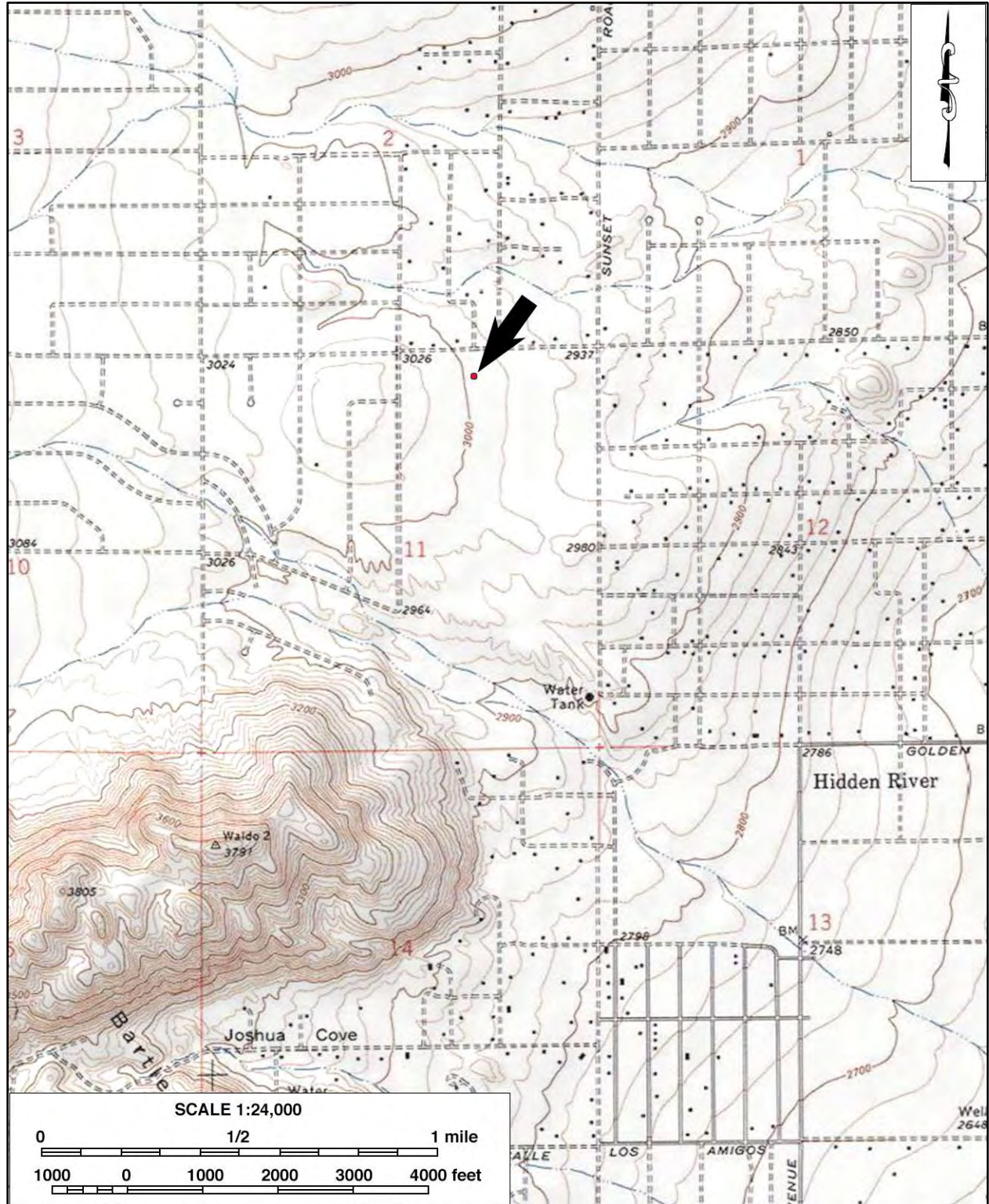
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-23

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



PRIMARY RECORD

Primary # _____
HRI # _____
Trinomial _____
NRHP Status Code 6Z

Other Listings _____
Review Code _____ Reviewer _____ Date _____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-24

P1. Other Identifier: _____

*P2. Location: ☒ Not for Publication Unrestricted *a. County San Bernardino

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Joshua Tree North, Calif. Date 1972, revised 1994

T1N; R6E; NE 1/4 of NE 1/4 of Section 11; S.B. B.M.

Elevation: Approximately 2,955 feet above mean sea level.

c. Address N/A City Joshua Tree Zip _____

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 562,820 mE/ 3,783,702 mN

UTM Derivation: USGS Quad ☒ GPS (NAD 83)

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 0599-191-49; approximately 60 meters west of Avenida Del Sol and 100 meters south of Aberdeen Drive

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): The isolate is a primary flake of mustard-yellow jasper, found on a relatively level surface. It measures 3.9 x 2.9 x 0.4 cm, retains approximately 45% cortex, and exhibits two flake scars on an edge.

*P3b. Resource Attributes: (List attributes and codes) AP16: Other (isolated lithic flake)

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

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo (view, date, accession number): Photo taken on December 20, 2021 (dorsal side)

*P6. Date Constructed/Age and Sources: ☐ Historic ☒ Prehistoric ☐ Both

*P7. Owner and Address: JT304 LLC, 5023 Varna Avenue, Sherman Oaks, CA 91423

*P8. Recorded by (Name, affiliation, & address): Hunter O'Donnell, CRM TECH, 1016 East Cooley Drive, Suite A/B, Colton, CA 92324

*P9. Date Recorded: December 20, 2021

*P10. Survey Type (describe): Intensive-level survey for CEQA-compliance

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai "Tom" Tang, Michael Hogan, Terri Jacquemain, Daniel Ballester, and Hunter O'Donnell (2022): Historical/Archaeological Resources Survey Report: Assessor's Parcel Number 0599-191-49, Joshua Tree Area, San Bernardino County, California

*Attachments: ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record
☒ Archaeological Record ☐ District Record ☐ Linear Resource Record ☐ Milling Station Record ☐ Rock Art Record
☐ Artifact Record ☐ Photograph Record ☐ Other (List): _____

LOCATION MAP

Primary # _____

HRI # _____

Trinomial _____

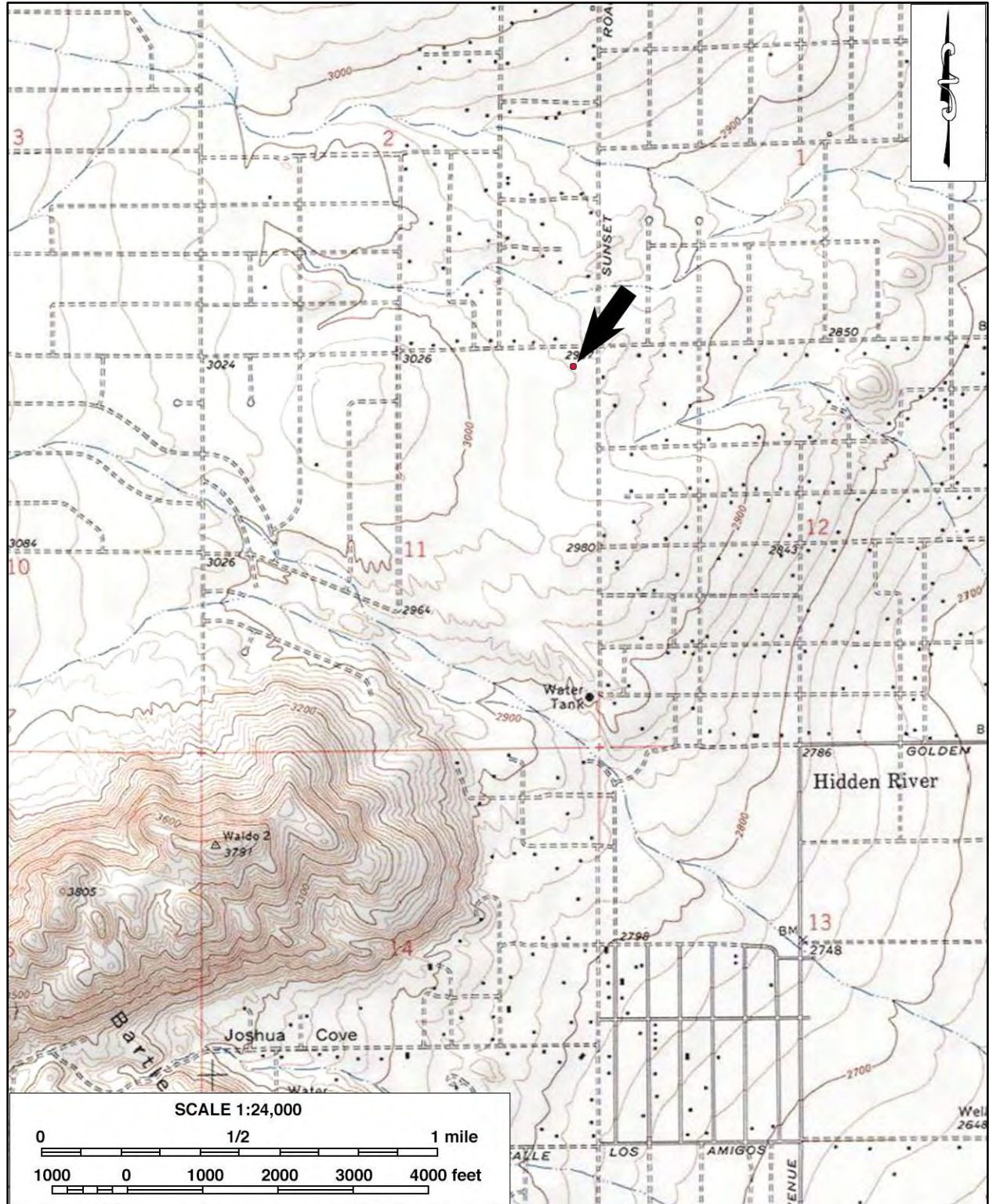
Page 2 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 3796-24

*Map Name: Joshua Tree North, Calif.

*Scale: 1:24,000

*Date of Map: 1972, revised 1994



February 15, 2024

Temil Marmon
JT304 LLC
5023 Varna Avenue
Sherman Oaks, CA 91423

Re: Archaeological Exploratory (Extended Phase I) Testing Program
Proposed Subdivision Project (Assessor's Parcel Number 0599-191-49)
Tentative Tract Map (20584) PROJ-2022-00194
Joshua Tree Area, San Bernardino County, California
CRM TECH Contract No. 4097

Dear Mr. Marmon:

At your request, CRM TECH has completed an Archaeological Exploratory (Extended Phase I) Testing Program (Program) as a follow-up to the previously completed Phase I cultural resources survey on Assessor's Parcel Number 0599-191-49 (Tang et al. 2022). The subject property, consisting of approximately 304 acres of undeveloped desert land, is being considered for subdivision and future development. The subject property of the study is located at the southeast corner of Aberdeen Drive and Outpost Road, in the east half of Section 11, T1N R6E, San Bernardino Baseline and Meridian, as depicted in the United States Geological Survey Joshua Tree North, California, 7.5' quadrangle (Figures 1, 2).

Given the identification of 17 isolated prehistoric artifacts and two prehistoric sites (temporarily designated 3796-13 and 3796-15) during the Phase I cultural resource assessment conducted on the parcel (Tang et al. 2022), the Yuhaaviatam of San Manuel Nation (the Tribe), during consultations with the County of San Bernardino (County) under provisions of Assembly Bill 52, requested an archaeological testing program be conducted at the two sites to determine if any cultural or Tribal resources might be present below the surface (San Manuel 2024). If any additional, potentially significant resources were to be identified during the testing program, the County and the Tribe would engage in additional consultations to determine the appropriate treatment(s) (San Manuel 2024).

The Tribe developed the Archaeological Exploratory (Extended Phase I) Testing Program for Sites 3796-13 and 3796-15 and provided guidance regarding the amount of work they felt would be sufficient to determine if potentially significant cultural/Tribal resources are present below the surface (San Manuel 2024). CRM TECH, following the provided guidance and professional archaeological guidelines, conducted a systematic resurvey of the two previously recorded sites and excavated Shovel Test Pits (STPs) within and outside of their site boundaries. The previously recorded isolates, as well as newly discovered isolated resources, were also properly documented and collected. After thoroughly testing the subsurface at the two sites and collecting all of the surface artifacts, all artifacts were reburied in a designated conservation location within the project boundary. This letter presents a summary of the methods and results of these research procedures.

Methods and Results

The archaeological fieldwork was carried out on January 31, 2024, under the direct supervision of CRM TECH field director Daniel Ballester, M.S., with CRM TECH project archaeologists Hunter O'Donnell B.A. and Nicolena Berry B.A. serving as field crew members for the excavations. Tribal Archaeologist Kristen Tuosto MPhil. and Cultural Resources Technician Raylene Borrego B.A., representatives from the Yuhaaviatam of San Manuel Nation, monitored and helped with the fieldwork.

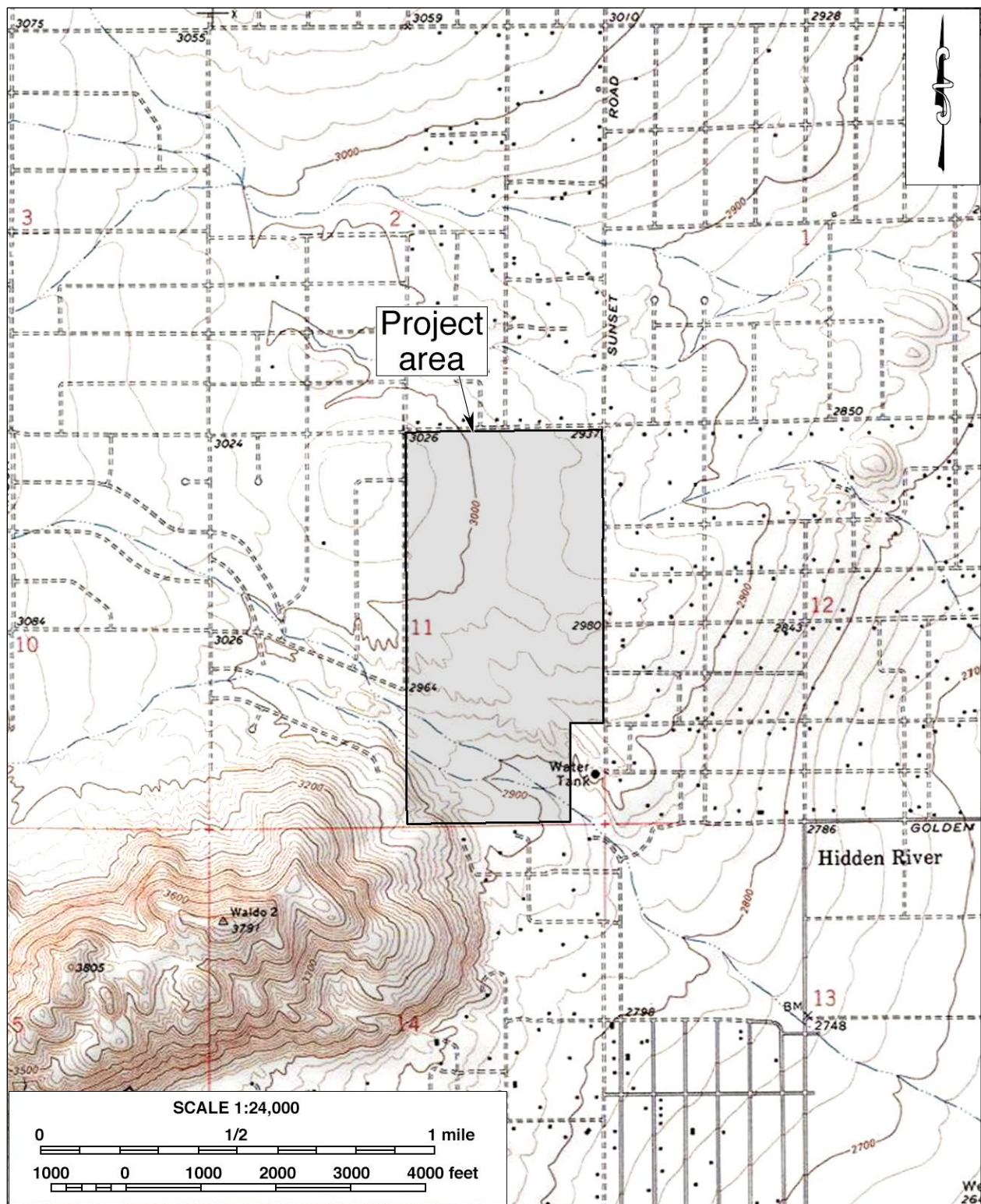


Figure 1. The project area, based on USGS Joshua Tree North, Calif., 7.5' quadrangle [USGS 1994]

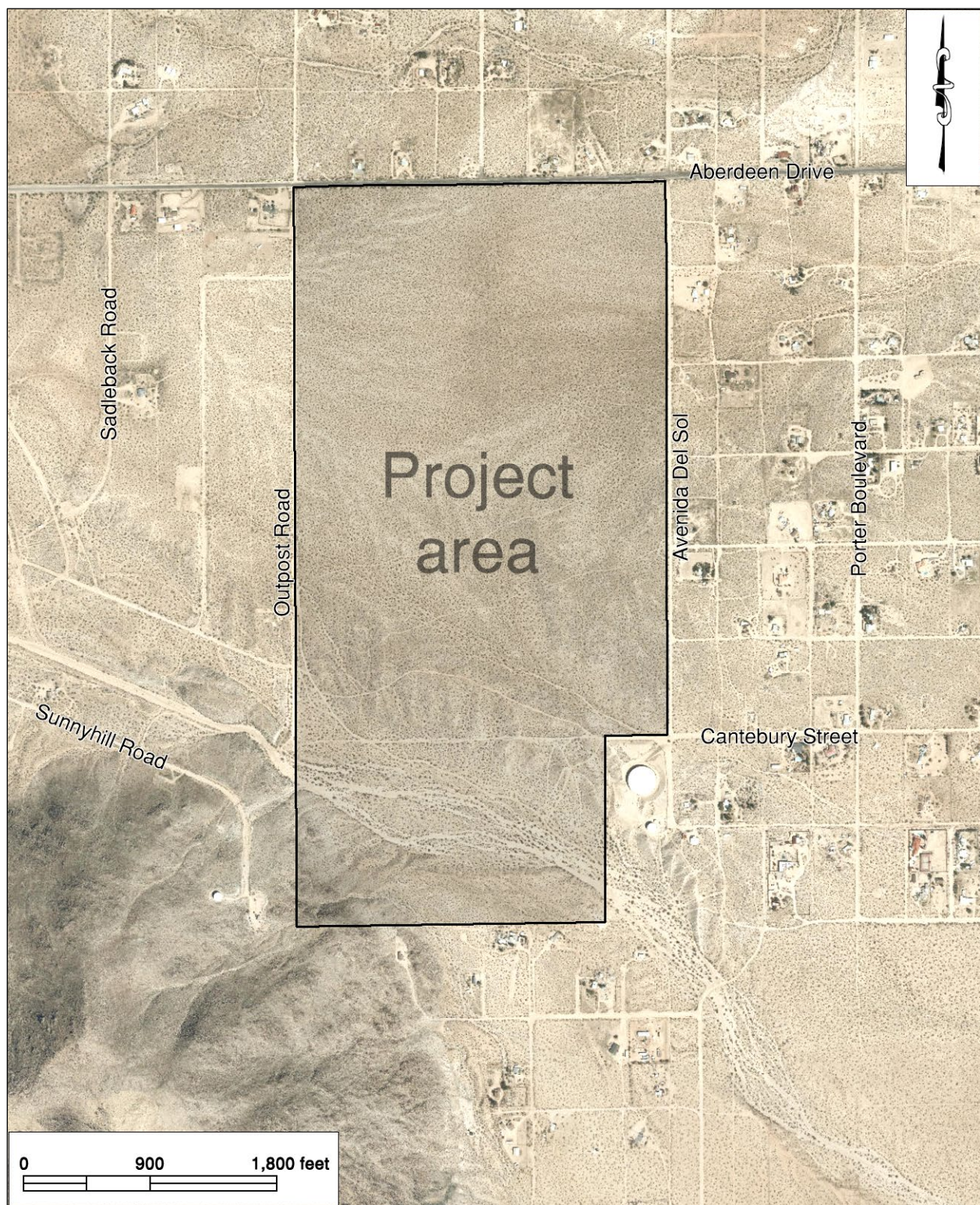


Figure 2. A recent satellite image of the project area.

Prior to the commencement of subsurface excavations at the two prehistoric sites, the ground surface within and around the site boundaries was systematically resurveyed at an intensive level. The vegetation was scattered and sparse, resulting in excellent (90-95 percent) ground visibility (Figure 3). All surface artifacts within the two site areas were collected. If any new surface artifact was discovered during the surface collection, a GPS point was taken for its location and collected as well.

All 14 previously recorded artifacts were found during the resurvey of Site 3796-13, along with 9 newly discovered additional artifacts (see Table 1 and attached site record update for more information). A total of 5 STPs were dug within and adjacent to the boundary of site 3796-13 (Figure 4). STPs 1-4 were excavated within the site boundaries and measured approximately 0.5 x 0.5 m in size with depths between 38 to 40 cm. STP 5, also measuring approximately 0.5 x 0.5 m in size was placed outside of the site boundary, and excavated to a depth of 20 cm. All excavated material was screened through 1/8th-inch hardware mesh. The soil consisted of light brown coarse-grain alluvial sands with small to medium-sized rocks and gravel. Caliche was observed in the soil below 15 cm. Compaction ranged from loose on the surface to medium compaction at approximately 20 cm to highly compacted below 25 cm in most STPs. No prehistoric artifacts were recovered in any of the 5 STPs excavated at Site 3796-13.

All 3 of the previously recorded surface artifacts were found during the resurvey of Site 3796-15, along with 2 newly discovered additional artifacts (see Table 1 and attached site record update for more information). A total of 4 STPs were excavated within and adjacent to Site 3796-15 (Figure 5). STPs 1 and 2 were excavated within the site boundaries. They measured approximately 0.5 x 0.5 m in size and were excavated to a depth of 40 cm. STPs 3 and 4, each measuring approximately 0.5 x 0.5 m in size, were placed outside of the site boundary and also excavated to a depth of 40 cm. All excavated material was screened through 1/8th-



Figure 3. Overview of the project area during archaeological excavations. (Photograph taken on January 31, 2024; view to the north)

Table 1. Prehistoric Cultural Resources Recorded in the Project Area			
Temporary Designation	Resource Type	Description	Disposition
3796-13	Site	Lithic scatter (22 m x 16 m): 1 quartzite hammerstone, 2 tested quartzite cobbles, 2 jasper secondary flakes, and 9 pieces of shatter; and (newly recorded) 1 lithic jasper core, 2 jasper flakes, 4 quartzite flakes, and 2 chalcedony flakes.	All Reburied
3796-15	Site	Lithic scatter (10 m x 6 m): 1 quartz shatter, 1 jasper flake, and 1 tan chert flake; and (newly recorded) 1 lithic jasper core and 1 jasper flake.	All Reburied
3796-2	Isolate	Jasper flake.	Reburied
3796-3	Isolate	Jasper flake.	Reburied
3796-7	Isolate	Chert flake.	Reburied
3796-10	Isolate	Jasper flake.	Reburied
3796-11	Isolate	Jasper flake.	Reburied
3796-12	Isolate	Jasper flake.	Reburied
3796-14	Isolate	Quartz flake.	Reburied
3796-16	Isolate	Jasper flake.	Reburied
3796-19	Isolate	Jasper microcore.	Reburied
3796-20	Isolate	Jasper flake.	Reburied
3796-21	Isolate	Jasper flake.	Reburied
3796-22	Isolate	Jasper scraper.	Reburied
3796-24	Isolate	Jasper flake.	Reburied
4097-1	Isolate	Jasper flake.	Reburied
4097-2	Isolate	Quartzite flake.	Reburied
4097-3	Isolate	A granitic mano.	Reburied
4097-4	Isolate	Quartzite core.	Reburied
3796-4	Isolate	Jasper flake.	Not Found
3796-17	Isolate	Jasper flake.	Not Found
3796-18	Isolate	Jasper flake.	Not Found
3796-23	Isolate	Jasper flake.	Not Found



Figure 4. At Site 3796-13. *Left*: Overview of the site with the STPs backfilled (facing south); *right*: STP-01. (Photographs taken on January 31, 2024)



Figure 5. At Site 3796-15. *Left*: A view across the site during the excavations (facing west); *right*: STP-01. (Photographs taken on January 31, 2024)

inch hardware mesh. The soil at this site area generally consisted of light brown coarse-grain alluvial sands with small to medium-sized rocks and gravel. Caliche was observed in the soil below 15 cm. Soil compaction ranged from loose on the surface to medium dense at approximately 20 cm to highly compacted below 25 cm in most of the STPs. No prehistoric artifacts were recovered in any of the 4 STPs excavated at Site 3796-15.

While the excavations at the two sites were ongoing, CRM TECH archaeologist O'Donnell conducted a surface collection of the prehistoric isolates that had been recorded during the Phase I study (the 2 historic-period refuse scatters [3796-1 and 3796-9] and 3 historic-period isolates [3796-5, 3796-6, and 3796-9] [all previously determined to not be significant] [see Tang et al. 2022] were not included in this study). Of the 17 previously recorded prehistoric isolates, Isolates 3796-04, -17, -18, and -23, all consisting of jasper flakes, were not found during this field survey (Table 1). However, 4 other prehistoric isolates were discovered while collecting the previously recorded isolated resources. The new isolates, temporarily designated 4097-01 to 4097-04, consist of a single red-brown jasper flake, two grey-white quartzite flakes, and a single granitic mano (Table 1; also see attached isolate records for more information). Thus, a total of 17 prehistoric isolates were collected during the surface collection within the project area (Table 1).

Once the excavations and the surface collections were completed, along with the standard documentation and in-field analyses, all the artifacts were taken to the designated conservation location that had previously been agreed upon by the Tribe and the client. At that location, a 30 cm diameter pit was excavated to a depth of 70 cm, and the 45 prehistoric artifacts (17 prehistoric isolates, 23 artifacts from Site 3796-13, and 5 artifacts from Site 3796-15) were placed at the bottom of the pit, which was then filled with the soil that had been excavated.

Conclusion and Recommendations

In summary of the findings presented above, Sites 3796-13 and 3796-15 were found to contain limited prehistoric cultural materials on the surface and this Archaeological Exploratory (Extended Phase I) Program encountered no subsurface archaeological resources or deposits. No evidence of long-term occupation was found at the sites. Based on the results of this Archaeological Exploratory (Extended Phase I) Program and the general location of the project area, the area appears to be relatively low in sensitivity for substantial, potentially significant archaeological resources from the prehistoric or early historic period.

Altogether, Sites 3796-13 and 3796-15 yielded little data, and essentially no new or important data, to add to our knowledge of prehistoric lifeways in this region. Without a substantial subsurface cultural deposit, the sites lack sufficient archaeological data potential to be considered eligible for listing in the California Register

of Historical Resources and thus Sites 3796-13 and 3796-15 do not meet the statutory definition of “historical resource,” as provided by CEQA and associated regulations [PRC §5020.1(j); Title 14 CCR §15064.5(a)(1)-(3)].

Based on these findings, no further cultural resources investigation is recommended for the proposed project unless development plans undergo such changes as to include areas that have not been surveyed. However, if buried cultural materials are encountered during earth-moving operations associated with the project, all work in that area should be halted or diverted until a qualified archaeologist can evaluate the nature and significance of the finds.

Thank you for this opportunity to be of service. If you have any questions or need further information regarding the research results presented above, please do not hesitate to contact our office.

Sincerely,

A handwritten signature in blue ink that reads "Daniel Ballester". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Daniel Ballester
Field Director, CRM TECH

References Cited:

San Manuel CRM Department

2024 Tentative Tract Map (20584) PROJ-2022-00194, Yucca Valley, San Bernardino County, CA
Phase I Archaeological Testing Plan. Provide to CRM TECH by the Tribe.

Tang, Bai “Tom”, Terri Jacquemain, Daniel Ballester, and Hunter O’Donnell

2022 Historical/Archaeological Resources Survey Report: Assessor’s Parcel Number 0599-191-49,
Joshua Tree Area, San Bernardino County, California. On file at the Eastern Information Center.



Partners JT304 <jt304llc@gmail.com>

Follow Up - AB 52 Consultation - PROJ-2022-00194

Kristen Tuosto <Kristen.Tuosto@sanmanuel-nsn.gov>

Thu, Mar 14, 2024 at 10:47 AM

To: "Khan, Azhar" <Azhar.Khan@lus.sbcounty.gov>, Partners JT304 <jt304llc@gmail.com>

Cc: Alexandra Mc Cleary <Alexandra.McCleary@sanmanuel-nsn.gov>, "m.hogan@crmtech.us" <m.hogan@crmtech.us>, "dballester@crmtech.us" <dballester@crmtech.us>, Vickie Bridenstine <vickie.bridenstine@nv5.com>

Hello Azhar,

Yes, YSMN is satisfied with the report and will be concluding our consultation for this project.

Best,

Kristen

From: Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>**Sent:** Thursday, March 14, 2024 10:36 AM**To:** Partners JT304 <jt304llc@gmail.com>**Cc:** Kristen Tuosto <Kristen.Tuosto@sanmanuel-nsn.gov>; Alexandra Mc Cleary <Alexandra.McCleary@sanmanuel-nsn.gov>; m.hogan@crmtech.us; dballester@crmtech.us; Vickie Bridenstine <vickie.bridenstine@nv5.com>**Subject:** RE: Follow Up - AB 52 Consultation - PROJ-2022-00194

Hello,

This has been received. Has San Manuel provided any correspondences regarding this report? If San Manuel is satisfied with this reporting, I would need San Manuel to conclude consultation,

Thank you,

Azhar Khan, MPA

Senior Planner

Land Use Services Department

Phone: 909-387-4002

Cell: 909-601-4667

385 N. Arrowhead Ave., 1st Floor

San Bernardino, CA 92415-0187



Our job is to create a county in which those who reside and invest can prosper and achieve well-being.

www.SBCounty.gov

County of San Bernardino Confidentiality Notice: This communication contains confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication, you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

From: Partners JT304 <jt304llc@gmail.com>
Sent: Thursday, February 22, 2024 10:28 AM
To: Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>
Cc: Kristen.Tuosto@sanmanuel-nsn.gov; Alexandra.McCleary@sanmanuel-nsn.gov;
m.hogan@crmtech.us; dballester@crmtech.us; Vickie Bridenstine <vickie.bridenstine@nv5.com>
Subject: Re: Follow Up - AB 52 Consultation - PROJ-2022-00194

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you can confirm the sender and know the content is safe.

Azhar,

Please see attached CRM's Archaeological Exploratory Extended Phase I Testing report. Field testing was conducted with San Manuel on 1/31/24. The report has been uploaded to Acella.

Best,

Temil Marmon

JT304 LLC

Project Manager

310-500-7007 (C)

On Fri, Feb 2, 2024 at 2:38 PM Khan, Azhar <Azhar.Khan@lus.sbcounty.gov> wrote:

Noted,

Thank you,

Azhar Khan, MPA

Senior Planner

Land Use Services Department

Phone: 909-387-4002

Cell: 909-601-4667

385 N. Arrowhead Ave., 1st Floor

San Bernardino, CA 92415-0187



Our job is to create a county in which those who reside and invest can prosper and achieve well-being.

www.SBCounty.gov

County of San Bernardino Confidentiality Notice: This communication contains confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication, you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

From: Partners JT304 <jt304llc@gmail.com>

Sent: Friday, February 2, 2024 1:54 PM

To: Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>

Subject: Re: Follow Up - AB 52 Consultation - PROJ-2022-00194

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you can confirm the sender and know the content is safe.

Azhar,

An update on the AD 52 Consultation. CRM and the San Manuel tribe were able to agree on a testing plan for the extended testing and they met Tuesday, 1/30/24, at the property to conduct the testing. From what I understand they tested two areas only, nothing new was found of significance, and they reburied the previously found artifacts in the reburial zone on the property. A report is being generated by CRM, I will upload to Acella once I have it. Kristen Tuosto was taking the lead at the tribe (Kristen.Tuosto@sanmanuel-nsn.gov), with Alexandra McCleary assisting. I imagine we will get an all clear from the tribe with regard to CEQA now that the additional testing has yielded no further resources found.

Free to discuss.

Best,
Temil Marmon

On Thu, Jan 4, 2024 at 9:03 AM Khan, Azhar <Azhar.Khan@lus.sbcounty.gov> wrote:

Noted.

Thank you,

Azhar Khan, MPA

Senior Planner

Land Use Services Department

Phone: 909-387-4002

Cell: 909-601-4667

[385 N. Arrowhead Ave.](#), 1st Floor

San Bernardino, CA 92415-0187



Our job is to create a county in which those who reside and invest can prosper and achieve well-being.

www.SBCounty.gov

County of San Bernardino Confidentiality Notice: This communication contains confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication, you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

From: Partners JT304 <jt304llc@gmail.com>
Sent: Friday, December 29, 2023 7:15 PM
To: Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>
Subject: Re: Follow Up - AB 52 Consultation - PROJ-2022-00194

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you can confirm the sender and know the content is safe.

Azhar,

From today, Alexandra McCleary did get back to Mike Hogan. See below. I will keep you updated on her comments once Mike receives them.

Have a good weekend.

Temil

From: Alexandra Mc Cleary <Alexandra.McCleary@sanmanuel-nsn.gov>
Sent: Friday, December 29, 2023 11:20 AM
To: M Hogan <crmtech1@gmail.com>; Kristen Tuosto <Kristen.Tuosto@sanmanuel-nsn.gov>
Subject: RE: FW: XP1 at APN 0599-191-49, Joshua Tree Area

Hi Mike,

My apologies for not replying to you email. I will take a look ASAP and get back to you. At first glance, I believe we are on the same page.

Best,
Alexandra

From: M Hogan <crmtech1@gmail.com>
Sent: Thursday, December 28, 2023 8:22 AM
To: Alexandra Mc Cleary <Alexandra.McCleary@sanmanuel-nsn.gov>; Jason Laird <Jason.Laird@sanmanuel-nsn.gov>
Subject: Fwd: FW: XP1 at APN 0599-191-49, Joshua Tree Area

Happy Holidays

In case we are having email issues again I am re-sending this through the gmail account.

----- Forwarded Message -----

Subject:FW: XP1 at APN 0599-191-49, Joshua Tree Area

Date:Thu, 28 Dec 2023 08:17:51 -0800

From:Michael Hogan <mhogan@crmtech.us>

Reply-To:mhogan@crmtech.us

Organization:CRM TECH

To:'Michael Hogan' <crmtech1@gmail.com>

On Thu, Dec 28, 2023 at 3:56 PM Partners JT304 <jt304llc@gmail.com> wrote:

Azhar,

Good afternoon and Happy Holidays.

I had CRM Tech take the lead on the communication as I did not hear back from Alexandra McCleary, and CRM does communicate often with the tribe on other matters. They are more knowledgeable on the subject than I am.

See attached correspondence Mike Hogan sent to Alexandra McCleary and Jason Laird at San Manuel, with a couple follow up emails. I look forward to hearing back from them soon with their comments.

I will keep you posted and always free to discuss.

Best,

Temil Marmon

310-500-7007 (C)

On Wed, Dec 27, 2023 at 4:44 PM Khan, Azhar <Azhar.Khan@lus.sbcounty.gov> wrote:

Hello,

I am following up on the below,

Thank you,

Azhar Khan, MPA

Senior Planner

Land Use Services Department

Phone: 909-387-4002

Cell: 909-601-4667

[385 N. Arrowhead Ave.](#), 1st Floor

San Bernardino, CA 92415-0187



Our job is to create a county in which those who reside and invest can prosper and achieve well-being.

www.SBCounty.gov

County of San Bernardino Confidentiality Notice: This communication contains confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication, you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

From: Khan, Azhar

Sent: Friday, December 8, 2023 2:41 PM

To: Partners JT304 <jt304llc@gmail.com>

Subject: RE: Follow Up - AB 52 Consultation - PROJ-2022-00194

Noted.

Thank you,

Azhar Khan, MPA

Senior Planner

Land Use Services Department

Phone: 909-387-4002

Cell: 909-601-4667

385 N. Arrowhead Ave., 1st Floor

San Bernardino, CA 92415-0187



Our job is to create a county in which those who reside and invest can prosper and achieve well-being.

www.SBCounty.gov

County of San Bernardino Confidentiality Notice: This communication contains confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication, you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

From: Partners JT304 <jt304llc@gmail.com>
Sent: Thursday, December 7, 2023 8:38 AM
To: Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>
Subject: Re: Follow Up - AB 52 Consultation - PROJ-2022-00194

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you can confirm the sender and know the content is safe.

Azhar,

Good morning. CRM is preparing a rough draft test plan for McCleary, should be ready next week, and we can hopefully get McCleary's notes at that time. Will cc you of course when we send it.

Best,
Temil

On Thu, Nov 30, 2023 at 12:49 PM Khan, Azhar <Azhar.Khan@lus.sbcounty.gov> wrote:

Noted.

Kristen Tuosto

Thu, Mar 14, 10:47 AM (22
hours ago)

to Azhar, me, Alexandra, m.hogan@crmtech.us, dballester@crmtech.us, Vickie

Hello Azhar,

Yes, YSMN is satisfied with the report and will be concluding our consultation for this project.

Best,
Kristen

From: Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>

Sent: Thursday, March 14, 2024 10:36 AM

To: Partners JT304 <jt304llc@gmail.com>

Cc: Kristen Tuosto <Kristen.Tuosto@sanmanuel-nsn.gov>; Alexandra Mc Cleary
<Alexandra.McCleary@sanmanuel-nsn.gov>; m.hogan@crmtech.us; dballester@crmtech.us; Vickie
Bridenstine <vickie.bridenstine@nv5.com>

Subject: RE: Follow Up - AB 52 Consultation - PROJ-2022-00194

Hello,

This has been received. Has San Manuel provided any correspondences regarding this report?
If San Manuel is satisfied with this reporting, I would need San Manuel to conclude consultation,

Thank you,

Azhar Khan, MPA
Senior Planner

Land Use Services Department

Phone: 909-387-4002

Cell: 909-601-4667

385 N. Arrowhead Ave., 1st Floor

San Bernardino, CA 92415-0187

Our job is to create a county in which those who reside and invest can prosper and achieve well-being.
www.SBCounty.gov

County of San Bernardino Confidentiality Notice: This communication contains confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication, you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>

Tue, Oct 10, 2023,
7:42 AM

to me

Good morning,

See below Email from San Manuel,

Thank you,

Azhar Khan, MPA
Senior Planner

Land Use Services Department

Phone: 909-387-4002

Cell: 909-601-4667

385 N. Arrowhead Ave., 1st Floor
San Bernardino, CA 92415-0187

Our job is to create a county in which those who reside and invest can prosper and achieve well-being.
www.SBCounty.gov

County of San Bernardino Confidentiality Notice: This communication contains confidential information sent solely for the use of the intended recipient. If you are not the intended recipient of this communication, you are not authorized to use it in any manner, except to immediately destroy it and notify the sender.

From: Jamie Nord <Jamie.Nord@sanmanuel-nsn.gov>

Sent: Wednesday, October 4, 2023 10:59 AM

To: Khan, Azhar <Azhar.Khan@lus.sbcounty.gov>

Cc: Alexandra Mc Cleary <Alexandra.McCleary@sanmanuel-nsn.gov>

Subject: RE: AB 52 Consultation for Tentative Tract Map (20584) PROJ-2022-00194, Yucca Valley, San Bernardino County, CA

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you can confirm the sender and know the content is safe.

Hello Azhar,

Thanks for reaching out about this project again. The cultural report for this project resulted in the identification of precontact cultural resources that were previously unknown. In other words, the Tribe had no knowledge of the resources present within the proposed project area until they were identified and recorded through this study.

As a result of their identification, we are seeking the culturally appropriate treatment of these resources through on-site reburial. Additionally, the Tribe is concerned that there may be additional Tribal Cultural Resources present at the property, so we are requesting archaeological testing to further investigate the space.

We have not finalized a draft of the mitigation measures at this time. As you and I discussed in our initial meeting, the development of this space may occur over many years as individual lots are developed, which may make it difficult to staff archaeological and Tribal monitors during construction. This is another reason why the Tribe considers it to be of utmost importance to address cultural resource concerns during this environmental review. That being said, we are still interested in drafting mitigation measures that will be tied to the development of individual lots. I imagine that these measures will be unique given the nature of the project. In other words, these measures will very likely not be the standard measures that your department usually receives from the Tribe.

Please let me know if you have any additional questions.

Best,
Jamie