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Prepared on Behalf of:

**Mexin Teme Agricultural
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PALEONTOLOGICAL RESOURCES ASSESSMENT

Calle Encantado Project

Near City of Temecula, Riverside County, California



**PHASE I PALEONTOLOGICAL RESOURCES ASSESSMENT
CALLE ENCANTADO PROJECT
NEAR CITY OF TEMECULA, RIVERSIDE COUNTY, CALIFORNIA**

Prepared on Behalf of:

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Prepared for:

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June 2020

Type of Study: Paleontological resources assessment

Paleontological Localities within Area of Potential Impact: None

Project Location: USGS 7.5' Topographic Quadrangle Bachelor Mountain, Section 33 of Township 7 South, Range 2 West

APN: 951-020-001, 951-020-002, 951-060-001, 951-060-002

Project Area: approx. 18.42 acres

Date of Field Survey: April 21, 2020

Key Words: Paleontology, CEQA, Riverside, RCLIS, Negative Survey, High A sensitivity, Qpfs,

MANAGEMENT SUMMARY

Mexin Teme Agricultural Development Inc. proposes the construction of a winery and tasting room, hotel, vineyard and other ancillary facilities (Project), located near the City of Temecula in Riverside County, California. Material Culture Consulting, Inc. (MCC) was retained by E|P|D Solutions, Inc. to conduct a Phase I paleontological resource investigation of the Project Area in accordance with the California Environmental Quality Act (CEQA). This assessment included a locality search, an examination of geologic maps and paleontological literature, and a field survey.

No significant paleontological resources were identified directly within the Project Area during the locality search or the field survey. The County of Riverside Paleontological sensitivity map reveals the entirety of the Project Area lies within an area mapped as High A (Ha) sensitivity. High A sensitivity indicates the presence of geologic formations or mappable rock units that have the potential to contain fossilized body elements and/or trace fossils such as tracks, nests, and eggs, which can occur at or below the surface. A locality search through the Natural History Museum of Los Angeles County (LAMC) notes that fossils have been found within similar alluvial mapped units, and that any excavations that extend into deeper deposits may well encounter recognizable fossil vertebrate remains. Excavation during the course of the Project may reach paleontologically sensitive deposits, and, as a result, could impact paleontological resources. Therefore, MCC recommends the following procedures:

- A trained and qualified paleontological monitor should perform full-time monitoring of any excavations on the Project that have the potential to impact paleontological resources in undisturbed High sensitivity native sediments. The monitor will have the ability to redirect construction activities to ensure avoidance of adverse impacts to paleontological resources.
- The project paleontologist may re-evaluate the necessity for paleontological monitoring after examination of the affected sediments during excavation, with approval from County and Client representatives.
- Any potentially significant fossils observed shall be collected and recorded in conjunction with best management practices and Society of Vertebrate Paleontology (SVP) professional standards.
- Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.
- A report documenting the results of the monitoring, including any salvage activities and the significance of any fossils, will be prepared and submitted to the appropriate County personnel.

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INTRODUCTION

Mexin Teme Agricultural Development Inc proposes the construction of a winery and tasting room, hotel, vineyard and other ancillary facilities (Project), near the City of Temecula in Riverside County, California. Material Culture Consulting, Inc. (MCC) was retained by E|P|D Solutions, Inc. to conduct a Phase I paleontological investigation of the Project Area. This paleontological resource assessment was conducted in compliance with the California Environmental Quality Act (CEQA), Public Resources Code (13 PRC) 2100, (14 CAC) 15000, Appendix G, Section J, (PRC) 2100-21177, Appendix G, (PRC) 5097.5. This study included a locality records search, an examination of geologic maps and paleontological literature, and a field survey to determine whether the proposed project would impact any significant paleontological resources. According to these regulations and guidelines, if development of a Project has the potential to result in significant impacts to paleontological resources, a plan must be developed to mitigate those impacts to a level which is less than significant. This assessment documents the potential for encountering paleontological resources during development of this Project and provides recommendations on how to mitigate impacts to those resources.

PROJECT LOCATION AND DESCRIPTION

The proposed Project is located near the City of Temecula in Riverside County, California (Figure 1). The Project Area lies approximately 3.93 miles west of California Interstate 15 (I-15), and south of Rancho California Road (Figures 2 and 3). The Project Area is bounded by Rancho California to the north, a vacant lot to the east, Thornton Winery to the West and residences to the south. Specifically, the proposed Project is located in Section 33, within Township 7 South, Range 2 West on the U.S. Geological Survey (USGS) Bachelor Mountain 7.5' topographic quadrangle (San Bernardino Baseline Meridian) (Figure 2). The Project's current site plan includes the construction of a winery and tasting room, hotel, vineyard and other ancillary facilities. The approximately 18.42-acre Project Area encompasses four parcels, 951-020-001, 951-020-002, 951-060-001, 951-060-002

PROJECT PERSONNEL

Jennifer Kelly, M.S., a Qualified Riverside County Paleontologist, served as the Principal Investigator for the study. Ms. Kelly conducted the paleontological resource literature and map reviews, oversaw the field study, and prepared this report. Ms. Kelly has a M.Sc. in Geology from California State University, Long Beach. Ms. Kelly has over ten years of experience in environmental and paleontological compliance in California (See Appendix A).

Sonia Sifuentes, M.Sc., RPA, MCC archaeologist and cross-trained paleontologist, managed and performed the survey and provided peer-review of this report. Julia Carvajal, M.A, provided all GIS support for the project and report. Karleen Ronsario, M.A, MCC archaeologist and cross-trained paleontologist conducted the pedestrian survey. Yahaira Gonzalez, M.A., provided authorship of this report.

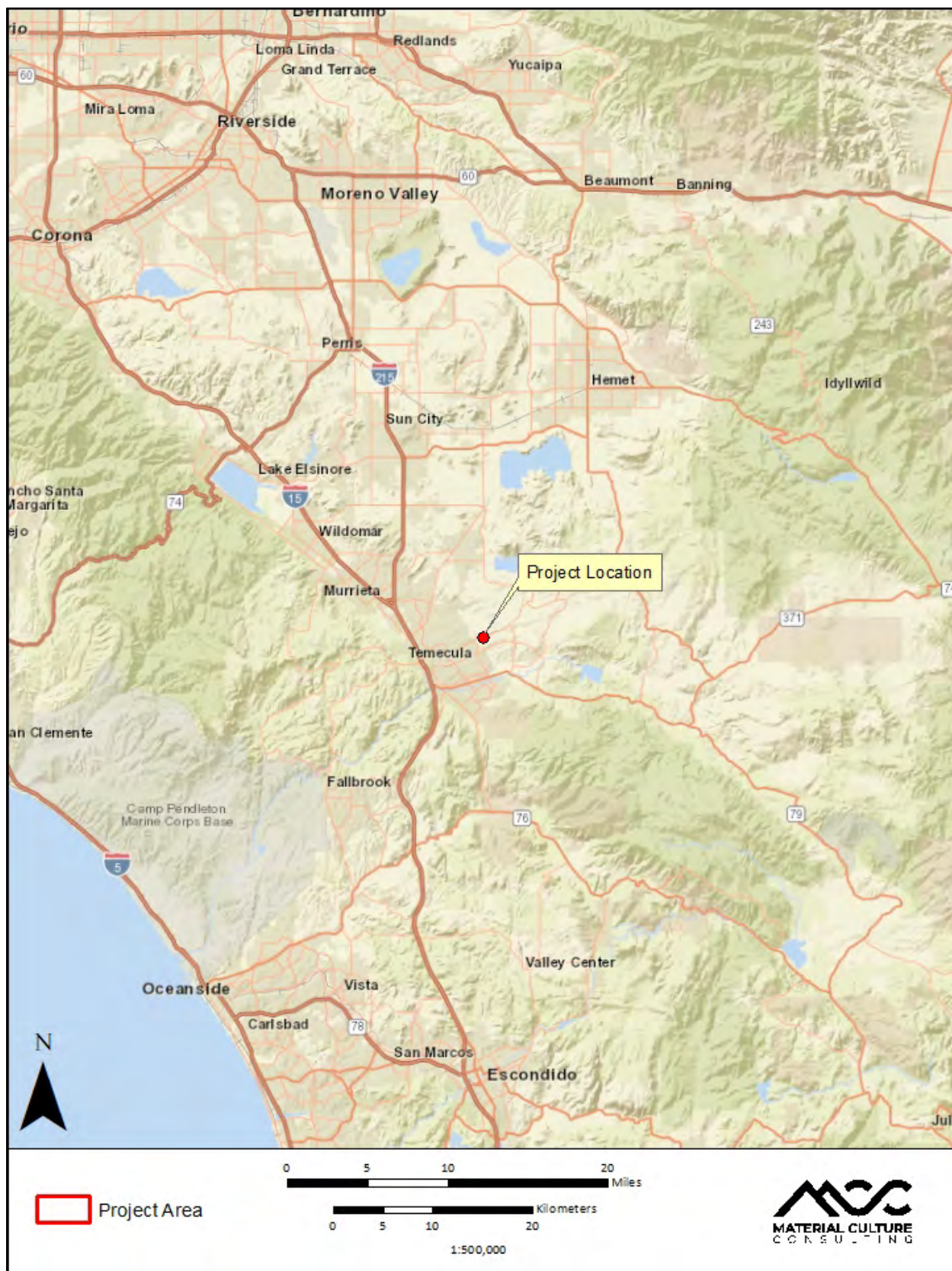




Figure 2. Calle Encantado Project Location (1:24,000, as depicted on Bachelor Mountain USGS 7.5 Minute Quadrangle)



Figure 3. Calle Encantado Project Area (1:2,500, as depicted on aerial photograph)

ENVIRONMENTAL SETTING

Riverside County is situated within the Peninsular Ranges Geologic Province, and the Project Area itself is located within southwestern Riverside County. Nestled between the Santa Ana Mountains to the west and the San Jacinto Mountains to the east, the region is located within the Peninsular Ranges, a northwest-southeast oriented complex of blocks separated by similarly trending faults (Norris and Webb 1976; Birnbaum and Kelly 2000). The Project Area is located within a valley floor of Temecula Valley and is relatively flat, with elevations averaging approximately 400 m (1311 ft.) above mean sea level (AMSL). The city sits west of the Santa Rosa Plateau and the Santa Rosa Plateau Ecological Reserve. Agua Tibia Mountain is located to the southeast and the Skinner Reservoir is located approximately 4.43 miles northeast of the Project Area. Vegetation in much of the area has been altered by historical and modern development. The Project Area and the surrounding area has been heavily built upon with commercial, agricultural and residential landscaping and annual grasses and weeds now present. The western region of Riverside County enjoys a mild Mediterranean climate characterized by warm, dry summers and cool, moist winters.

GEOLOGICAL CONTEXT

The Bachelor Mountain quadrangle lies within the Elsinore fault zone, which lies within the geomorphic province known as the Peninsular Ranges Province, near the northern end and western side of the Perris Block. The Perris Block is a structurally stable, internally cohesive mass of crystal rocks bounded on the east by the San Jacinto fault zone, bounded on the west by the Elsinore and Chino fault zones, on the north by the Cucamonga fault zone (Morton and Matti 1989), and on the south by a series of sedimentary basins (Morton and Matti 1989). The Perris Block is known to have been active since Pliocene time. These structurally depressed troughs are filled with sediments of upper Pliocene through Recent age, and the ridges are composed of plutonic igneous rocks, metasedimentary rocks, and late stage intrusive dikes (Mann 1955; Woodford et al. 1971; Kennedy 1977). The entire Project Area is mapped as Older Quaternary alluvium (Q) with exposures of Mesozoic gabbroic rocks to the west and south by Jennings, Strands, and Rogers (1977) (Figure 4). Morton (2003) mapped the Project Area within the Pauba Formation of Pleistocene age, which is comprised of well-indurated sandstone containing sparse cobble-to-boulder conglomerate beds (Qpfs) (Morton 2003, Figure 5).

The Pauba Formation is composed of brown to grayish-brown, moderate to well indurated siltstones, sandstones, and conglomerates. It has been divided into two informal members: a sandstone member and a conglomerate member. The formation lies on the southern portion of the Bachelor Mountain quadrangle (Morton 2003; Kennedy 1977)



Figure 4. Bachelor Mountain Project Geologic Map 1 (from Jennings, Strand, and Rogers 1977)

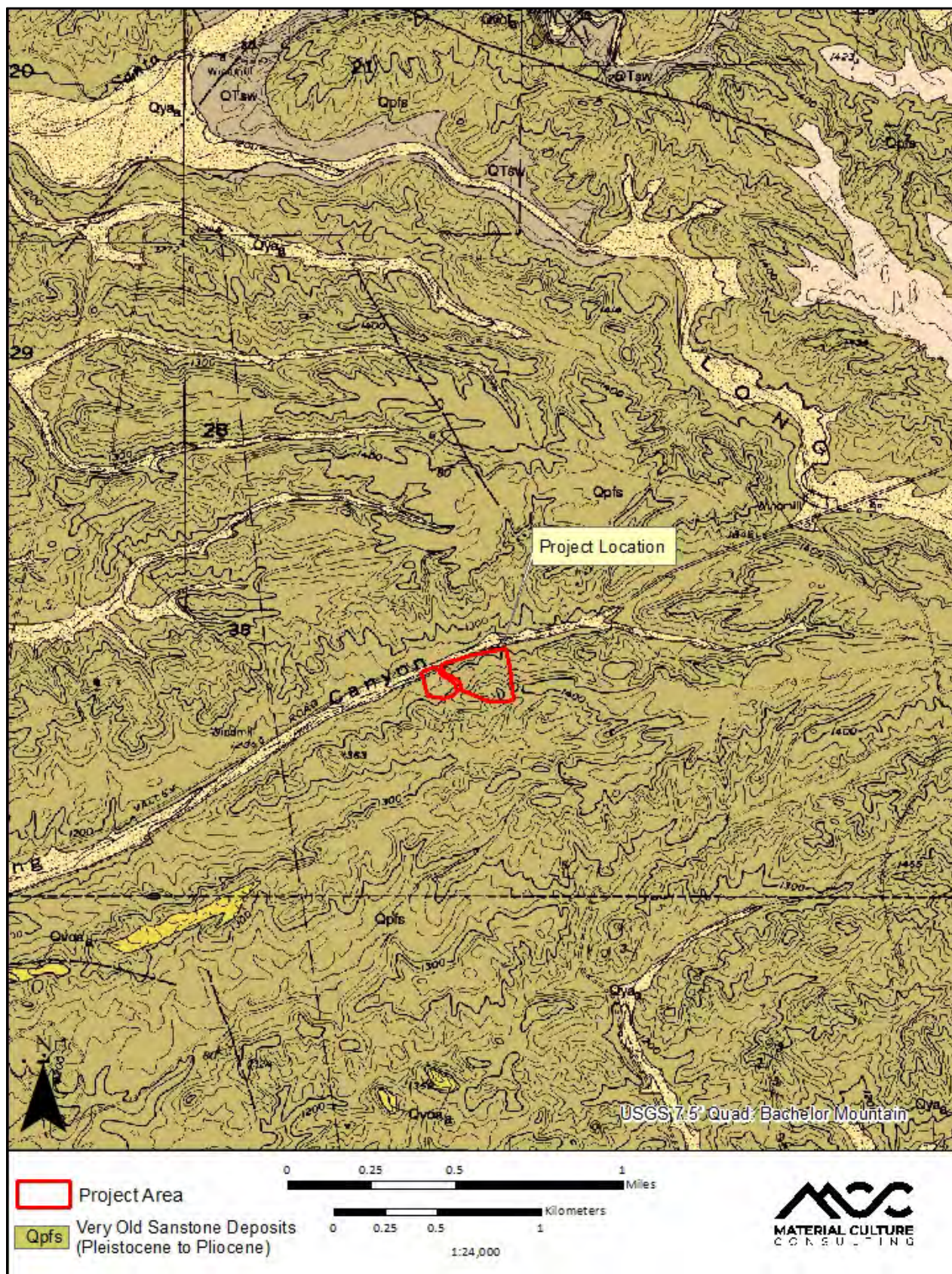


Figure 5. Calle Encantado Project Geologic Map 2 (from Morton 2003)

RESEARCH DESIGN

Paleontological resources (fossils) are the remains of prehistoric life that provide an invaluable window into the past. These remains can be bones, teeth, shells, wood or leaves, or trace fossils (including burrows and trackways). The Society for Vertebrate Paleontology (SVP) generally considers any resource greater than 5,000 years old to be a fossil (SVP 1991, 1996, 2010). Fossils are considered non-renewable resources and in California, impacts to paleontological resources must be considered pursuant to CEQA requirements for environmental reviews.

The paleontological resources assessment was conducted according to CEQA, Public Resources Code (13 PRC) 2100, (14 CAC) 15000, Appendix G, Section J, (PRC) 2100-21177, Appendix G, (PRC) 5097.5. The paleontological resources assessment was conducted to evaluate the potential existence of resources that would require a preparation of a monitoring plan and monitoring activities, in order to reduce impacts to a less than significant level. Guidelines set forth by the County of Riverside were consulted to ensure that all local and state requirements were met.

COUNTY OF RIVERSIDE GENERAL PLAN

The County of Riverside General Plan (2015) has set forth policies that allow for the preservation of paleontological resources to be maintained during developments. The following policies provided by the County are deemed relevant for this project:

- OS 19.6 Whenever existing information indicates that a site proposed for development has high paleontological sensitivity, a paleontological resource impact mitigation program (PRIMP) shall be filed with the County Geologist prior to site grading. The PRIMP shall specify the steps to be taken to mitigate impacts to paleontological resources.
- OS 19.7 Whenever existing information indicates that a site proposed for development has low paleontological sensitivity as shown on Figure OS-8, no direct mitigation is required unless a fossil is encountered during site development. Should a fossil be encountered, the County Geologist shall be notified and a paleontologist shall be retained by the project proponent. The paleontologist shall document the extent and potential significance of the paleontological resources on the site and establish appropriate mitigation measures for further site development.
- OS 19.8 Whenever existing information indicates that a site proposed for development has undetermined paleontological sensitivity as shown on Figure OS-8, a report shall be filed with the County Geologist documenting the extent and potential significance of the paleontological resources on site and identifying mitigation measures for the fossil and for impacts to significant paleontological resources prior to approval of that department.
- OS 19.9 Whenever paleontological resources are found, the County Geologist shall direct them to a facility within Riverside County for their curation, including the Western Science Center in the City of Hemet.

METHODS

LITERATURE AND MAP REVIEW AND LOCALITY SEARCH

The literature review included an examination of geologic maps of the Project Area and a review of relevant geological and paleontological literature to determine which geologic units are present within the Project Area and whether fossils have been recovered from those geologic units elsewhere in the region. As geologic units may extend over large geographic areas and contain similar lithologies and fossils, the literature review includes areas well beyond the Project Area. The results of this literature review include an overview of the geology of the Project Areas and a discussion of the paleontological sensitivity (or potential) of the geologic units within the Project Area. The County of Riverside also provides a paleontological resource sensitivity map for the entire county (RCLIS) to determine the required impact mitigation used in environmental assessments of development proposals (Riverside 2015). This map was consulted by MCC staff on June 10, 2020.

The purpose of a locality search is to establish the status and extent of previously recorded paleontological resources within and adjacent to the study area for a given project. In March 2020, a locality search was conducted through the Natural History Museum of Los Angeles County (LAMC) of Los Angeles (Appendix B). This search identified any vertebrate localities in the NHM records that exist near the Project Area in the same or similar deposits.

PALEONTOLOGICAL RESOURCES SURVEY METHODS

The survey stage is important in a Project's environmental assessment phase to verify the exact location of each identified paleontological resource (if any), the condition or integrity of the resource, and provides invaluable information on the type of sediment present within the Project Area, which informs the assessment of paleontological sensitivity. On April 21, 2020, MCC qualified archaeologists and cross-trained paleontologists, Sonia Sifuentes and Karleen Ronsario conducted a pedestrian survey of the Project Area. Special attention was paid to any graded areas and to rodent burrows that offered a better view of the underlying sediment. The purpose of a field survey is to note the sediments in the Project Area, relocate any known paleontological localities, and identify any unrecorded paleontological resources exposed on the surface. In this way, impacts to existing, unrecorded paleontological material may be mitigated prior to the beginning of ground-disturbing activities and portions of the Project Area that are more likely to contain paleontological resources may be identified.

RESULTS

LACM LOCALITY SEARCH AND LITERATURE REVIEW RESEARCH

The record search results from the LACM (McLeod 2020, Appendix B) do not indicate any fossils have been found directly within the Project Area, nor within a 1-mile radius; however, fossils have been found within similar alluvial mapped units nearby. In the entire proposed Project Area, there are surface deposits of the terrestrial late Pleistocene Pauba Formation (McLeod 2020). The results of the LACM search indicate the closest fossil vertebrae locality in the Pauba Formation is LACM 5904, on the next ridge 1.01 miles due south of the proposed Project Area in the vicinity of the intersection of Rancho Vista Road and Meadows Parkway, which produced specimens of fossil rabbit (*Leporidae*) and fossil pocket gopher (*Thomomys*). 2.19 miles southwest of the proposed Project Area, in Paloma Del Sol north of the Temecula Parkway (Highway 79), the Pauba Formation locality LACM 7972 produced a fossil specimen of mammoth (*Mammuthus*). About 6.24 miles away, just north of due west of the proposed Project Area, east of Interstate 15 on both sides of Winchester Road (Banana Avenue), Pauba Formation localities LACM 5447 and 5891-5892, produced specimens of fossil horse (*Equus*). Slightly farther north and immediately west of

Interstate 15, Pauba Formation locality LACM 7941 produced fossil specimens of undetermined elephant (*Proboscidea*), as well as horse (*Equus*).

Additional literature was consulted, including The University of California Museum of Paleontology (UCMP)'s Miocene Mammal Mapping Project (MioMap), with no fossil localities within the area of the Project (Carrasco et al. 2005). The RCLIS map indicates that the Project Area has a high sensitivity (High A) to produce paleontological resources during ground disturbing activities (Figure 6).



Figure 6. Paleontological Sensitivity (from RCLIS, Orange indicates high sensitivity)

FIELD SURVEY RESULTS

During the course of fieldwork, survey conditions and ground visibility were poor, and visibility ranged from 0-10%, due to the presence of overgrown vegetation throughout the property (Figures 8-10). The east parcel has modern irrigation materials throughout. Both parcels contain areas with vineyards, nursery development, dense tree lines, and vegetation which limited surveying due to inaccessibility. Invasive vegetation includes palm trees, oak trees, eucalyptus, pine trees, bushes, foxtails, annual grasses and weeds, sage, and cacti. The property has been significantly disturbed by pre-existing development, bioturbation, vegetation, and residences. Soil is a light tan coarse sand with quartz and granitic inclusions (Figure 11). No paleontological resources were identified during the survey. Visual observation of sediment does align with the geologic mapping of sandstone with exposures of Qpfs (Figures 10-11). No paleontological resources were observed during current fieldwork survey.



Figure 7. Overview of east parcel, view towards northeast



Figure 8. Representative photo of dense vegetation observed in Project Area, view towards Northeast



Figure 9. Overview photo of west parcel, view towards southwest



Figure 70. Representative photo of soil and strata observed within east parcel of the Project Area.



Figure 81. Representative photo of soil observed in the west parcel of the Project Area

CONCLUSIONS AND RECOMMENDATIONS

MCC conducted a Phase I paleontological resource assessment of the Project Area that included a locality records search, an examination of geologic maps and paleontological literature, and an intensive pedestrian survey covering the total 18.42 acres. No significant paleontological resources were identified within the Project Area during the locality search or field survey. The uppermost layer of sediment within the Project Area is late Pleistocene Pauba Formation that is likely to contain significant fossil vertebrates. LACM notes that fossils have been found within similar alluvial mapped units, and that any excavations that extend into deeper deposits may well encounter recognizable fossil vertebrate remains. In addition, the Project Area is mapped in the County of Riverside as High sensitivity for geologic formations or mapped rock units that are known to contain (or have the correct age and depositional conditions to contain) significant paleontological resources.

RECOMMENDED MITIGATION

Based on the results of the Phase I paleontological resource assessment, the proposed Area is considered to have high sensitivity for the potential to impact paleontological resources during construction activities at or below 5 feet in undisturbed sedimentary deposits. MCC recommends preparation of a Paleontological Resource Management Plan (PRMP) prior to construction excavation, in order to mitigate any potential impact to non-renewable fossil resources to a less-than-significant level. It is recommended that a professional paleontologist be hired to oversee monitoring and the preparation of a PRMP. At a minimum, the PRMP should include the following items:

- A trained and qualified paleontological monitor should perform full-time monitoring of any excavations on the Project that have the potential to impact paleontological resources in undisturbed native sediments below 5 feet in depth. The monitor will have the ability to redirect construction activities to ensure avoidance of adverse impacts to paleontological resources.
- The Project paleontologist may re-evaluate the necessity for paleontological monitoring after examination of the affected sediments during excavation, with approval from County and Client representatives.
- Any potentially significant fossils observed shall be collected and recorded in conjunction with best management practices and SVP professional standards.
- Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.
- A report documenting the results of the monitoring, including any salvage activities and the significance of any fossils, will be prepared and submitted to the appropriate County personnel.

CERTIFICATION: I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this report, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.

Date: June 18, 2020

Signature:  _____

Name: Jennifer Kelly, MSc., Geology
Riverside County Qualified Paleontologist

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Appendix A: Qualifications

Jennifer Kelly, M.Sc.
Paleontological Principal Investigator and Project
Manager



Jennifer Kelly has experience in all aspects of paleontology. She has extensive experience with monitoring, salvage, fieldwork, project management, and report writing, as well as volunteer experience from the La Brea Tar Pits/Page Museum and the Cooper Center of Orange County (Paleontology department) and field experience as a Staff Geologist for Leighton Geotechnical. Her expertise is Geology, and she has her M.S. in Geological Sciences, emphasis in Geochemistry.

Jennifer has taught lab courses in paleontology and general geology, and also assisted with field mapping classes. Jennifer is HAZWOPER 40-hour certified and a registered Orange County paleontologist. She has authored and co-authored more than 100 paleontological compliance documents, including PRMPs, EIR, EIS, PEA, treatment plans, final monitoring reports, survey reports, and other compliance documents, in compliance with NEPA, CEQA, Caltrans and city and county laws, ordinances, regulations, and statutes.

Education

- 2012 M.Sc. in Geology, California State University, Long Beach, California
- 2005 B.S., Geology (preliminary work for entry to M.S. Geology Program), California State University, Long Beach
- 2004 B.A., Theater Arts, California State University, Long Beach

Certifications and Training

- 40 Hour Certification for HAZWOPER training under 29 CFR 1910. 120, CA (2013 – 2014)
- Orange County Certified Paleontologist
- San Diego County Certified Paleontologist

Recent Professional Experience in California

Paleontological Principal Investigator and Project Manager, Harvill Industrial Project, City of Jurupa Valley, Riverside County, California (2017-present). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation for this project, and prepared the Paleontological Resources Impact Mitigation Plan (PRIMP). Kelly also oversees the paleontological monitoring program for this Project. This project is ongoing and is scheduled to be complete in 2020.

Paleontological Principal Investigator and Project Manager, Rider Commerce Center Project, Unincorporated Riverside County, California (2018-present). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation for this project, and prepared the Paleontological Resources Impact Mitigation Plan (PRIMP). Kelly also oversees the paleontological monitoring program for this Project. This project is ongoing and is scheduled to be complete in 2020.

Paleontological Principal Investigator and Project Manager, Ontario Ranch Logistic Center, City of Ontario, County of San Bernardino, California (2018-present) Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation for this project, and authored the PRIMP for this project. Kelly also oversees the paleontological monitoring program for this Project. This project

is ongoing and is scheduled to be complete in 2021.

Paleontological Principal Investigator and Project Manager, Saddleback College, City of Mission Viejo, Orange County (2018-present) Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation for this project, prepared the Paleontological Resources Impact Mitigation Plan (PRIMP), and oversaw the paleontological monitoring program detailed in the PRIMP. Kelly is currently co-authoring the final paleontological mitigation report This project is in the final stages and is scheduled to be completed 2020.

Private Development Sector Experience

Paleontological Principal Investigator and Project Manager, Proposed Alta Vista Specific Plan Project, SC Development, City of Placentia, Orange County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Magnolia Tank Farm Project, SLF-HB Magnolia, LLC, City of Huntington Beach, Orange County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Santa Fe Springs Apartment Project, Clearwater Communities, City of Whittier, Los Angeles County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Rider Business Center Project, Capstone Advisor, Unincorporated Riverside County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Los Olivos French Valley Project, Newland Homes LLC, Unincorporated Riverside County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Veteran's Village Community Development Project, UHC LLC, Cathedral City, Riverside County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Colony Commerce East Project, CapRock Partners, City of Ontario, San Bernardino County (2016). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Jurupa Valley Medical Clinic Project, Boureston Company, City of Jurupa Valley, Riverside County (2016). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Renewable Energy Sector Experience

Paleontological Principal Investigator and Project Manager, California Department of Corrections and

Rehabilitation Ventura Youth Correctional Facility Solar Project, Ecoplexus, Inc, City of Camarillo, Ventura County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Anderson-Devil's Den Solar Project, Forefront Power, Lost Hills, Kern County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Anderson-Coalinga 1-1109 Solar Project, Forefront Power, Ora, Unincorporated Fresno County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Anderson-Coalinga 2 Solar Project, Forefront Power, City of Coalinga, Fresno County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Anderson-Derrick Solar Project, Forefront Power, City of Coalinga, Fresno County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Anderson-Dulgarian Solar Project, Forefront Power, Lost Hills, Kern County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Anderson-Gates Solar Project, Forefront Power, City of Coalinga, Fresno County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Mahal Property Solar Project, Forefront Power, City of Selma, Fresno County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, Rector Reservoir Solar Facility Project, Forefront Power, Napa Valley, Napa County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, California Men's Colony Solar Facility Project, Forefront Power, San Luis Obispo, San Luis Obispo County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Paleontological Principal Investigator and Project Manager, California Department of Corrections and Rehabilitation California Institute for Women Solar Project, Ecoplexus, Inc, City of Corona, San Bernardino County (2017). Ms. Kelly coordinated all surveying, preparation of compliance and environmental documentation relating to Paleontological resources for this project.

Utility Sector Experience

Paleontological Project Manager, Cadiz Ground Water Project, San Bernardino County, California

(2012-2013). Ms. Kelly conducted all research and data collection for the Cadiz Groundwater Conservation and Storage Project for completion of a DEIR section on paleontological resources. Based on the results of the analysis, Kelly prepared the mitigation measures which were designed to reduce potential adverse impacts to paleontological resources.

Paleontological Project Manager, Manzanita Wind Express Project, Kern County, California (2012-2015).

Ms. Kelly prepared the Paleontological Mitigation Monitoring Resource Plan, which allowed her to develop a key role in presenting environmental training programs to construction workers and other environmental compliance monitors. She also authored the final paleontological monitoring report. The Project's construction consisted of the installation more than 300 wind energy turbines, aligned along approximately 26 rows, on the 6,275-acre proposed site. The Manzanita Wind Energy Project site was found to have the potential for scientifically significant paleontological resources that could be impacted by construction-related ground disturbance. She co-authored the final paleontological mitigation report in compliance with CEQA and Kern County guidelines.

Paleontological Project Manager, Pacific Wind Express Project, Kern County, California (2008-2009).

Ms. Kelly prepared the Paleontological Mitigation Monitoring Resource Plan, which allowed her to develop a key role in presenting environmental training programs to construction workers and other environmental compliance monitors. She co-authored the final paleontological mitigation report.

Paleontological Project Manager, Tehachapi Renewable Transmission Project (TRTP), Southern California Edison (SCE), Kern County, Los Angeles County, San Bernardino County (2009-2015).

Ms. Kelly conducted and led surveys along this project's right of way. She was also in charge of scheduling monitoring crews during grading in areas of paleontological sensitivity, managing and reviewing log sheets, and tracking data that is incorporated to final reports. Ms. Kelly played a valuable role with scheduling for the project's needs. She monitored, surveyed, and reported on all paleontological facets of this project as the Lead Paleontological Monitor for segment 3B, which was located near Rosamond, and for segments 4-11 which extended into Los Angeles and San Bernardino Counties. She authored more than 10 of the compliance reports for this project. She also performed monitoring on every segment of this Project.

Paleontological Project Manager, SCE, Valley South Subtransmission Line Project, Riverside County, California (2007-2010). Ms. Kelly managed scheduling and provided oversight for coordination of all surveying, preparation of compliance and environmental documentation for this project, including three proposed alternatives, and co-wrote the final PEA and survey reports, utilizing CEQA and Riverside County paleontological guidelines.

Paleontological Project Manager, SCE, San Joaquin Cross Valley Loop Project, Tulare County, California (2010-2013). Ms. Kelly assisted with coordination of all surveying, preparation of compliance and environmental documentation for this project, and co-authored the final Paleontological Monitoring Plan for this project.

Paleontological Project Manager, SCE, Devore Substation Project, San Bernardino County, California (2010-2012). Ms. Kelly prepared the compliance and environmental documents for this project, including paleontological inventory and geological map research.

Paleontological Project Manager, El Casco System-Transmission Line, SCE, throughout Riverside County (2011-2014). Ms. Kelly performed paleontological monitoring. Her duties included salvaging small and large fossils, screen washing and sorting fossils. She aided in the processing of microfossils collected from bulk sampling of fossil bearing sediment, and documenting stratigraphic locations of fossil bearing units. This project was in compliance with both CEQA and under the jurisdiction of the CPUC.

Paleontological Project Manager, South of Kramer Project, SCE, Hesperia to Barstow, San Bernardino, County (2009-2016). Ms. Kelly provided project management and compliance surveying, which included surveying from Hesperia to Barstow, CA for a Proponent's Environmental Assessment (PEA). All portions of the Proposed Project were located within San Bernardino County, California. Kelly co-authored the final survey report for this Project. A BLM Permit was authorized for the survey.

Paleontological Project Manager, OC Access Road Grading, SCE, Orange and Riverside County (2010-2011). Ms. Kelly assisted in documentation for the cultural resources portion, which include information regarding the location and condition of archaeological and paleontological sites recorded at or near the access roads, and recommends impact avoidance measures for future years in implementing the Protocol for 73 known archaeological sites. This required extensive coordination with Orange County Fire Authority grading department, SCE's Operations and Maintenance (O&M), and Orange County Parks. Trimble units were used for the documentation before and after grading of access roads. Communication played a key role when strategizing which locations were being graded where and when. The company came in under budget because of Kelly's efficiency and ability to coordinate and schedule.

Paleontological Project Manager, West of Devers Transmission Line Project, SCE, Riverside County, California (2009-2016). Ms. Kelly provided all project management and paleontological related services. This included proper BLM authorization and permitting to conduct surveying and a research design for field reconnaissance related to PEA, EIS/EIR documentation for the proposed transmission line. She assisted with managing documentation with laws relating to paleontological resources, among which are CEQA and NEPA compliance.

Paleontological Project Manager, Pacific Gas and Electric (PG&E), Line 300A/MP 147.7 and 180.8 Projects, San Bernardino County, California (2005-2006). Kelly prepared the mitigation recommendations and a paleontological inventory report for this project. She also was responsible for scheduling surveys on BLM and United States Marine Corps lands.

Paleontological Project Manager, PG&E, Jefferson to Stanford No. 2 60 kV Feasibility Project, San Mateo County, California (2012-2014). Kelly assisted with the preparation of the paleontological resources review and paleontological inventory report (PIR) and Proponent's Environmental Assessment (PEA) for this project. Several potential routes were assessed for this project, and the feasibility and paleontological potential was determined for this project. The report and PIR were prepared according to CEQA guidelines.

Paleontological Project Manager, Camp Pendleton Project, SDG&E, throughout San Diego and Orange Counties (2013-2017). Kelly provided on-call paleontological services for this project. She was a key facet in report production and research which enabled her firm to perform all survey and monitoring work required on Camp Pendleton for CEQA/NEPA check list assessments requested from SDG&E. Kelly was cleared from the Department of Defense in order to conduct work on the base. Site assessments and monitoring include all work related to: future location of power poles and towers, water control features, trenching and subsurface excavations, access roads, grading impacts to develop substations and other facilities, work pads, staging yards, and gas pipelines.

Sonia R. Sifuentes, M.Sc., RPA
Cultural Resource Project Manager



Ms. Sifuentes exceeds the Secretary of the Interior's *Standards and Guidelines for Archaeology and Historic Preservation* and has over 12 years of experience in conducting archaeological investigations and monitoring in Southern California and Nevada, particularly within the Mojave Desert and southwestern extent of the Great Basin. She has experience with monitoring, salvage, fieldwork, NAHC correspondence and Tribal outreach, record searches and report writing. She is currently listed on MCC's Statewide (CA and NV) BLM CRUPs. She is also identified as a Field Director on several ARPA permits for ongoing work on federal lands such as National Parks and National Forests. Duties include, but are not limited to, recordation and evaluation of historic and prehistoric resources, GIS and GPS-based mapping, excavations, lab work, and reporting. She has successfully managed several large- scale and multi-year archaeological projects, including Phase I surveys, Phase II test excavations, background research, and California Register of Historical Resources/National Register of Historic Places evaluation of historic and prehistoric resources.

Education

2016 M.Sc. Archaeology of the North, Distinction, University of Aberdeen, Aberdeen, UK
2006 B.A. in Anthropology with minors Gender Studies, News Media and Society, University of Southern California, Los Angeles, CA

Work History

2017-present: Senior Archaeologist/Project Manager, Material Culture Consulting, Inc
2016-2017: Field Director, PaleoWest Archaeology
2010-2015: Archaeologist, CH2M HILL
2009-2010: Cultural Resource Specialist, SWCA
2008-2009: Cultural and Paleontological Resources Monitor, Cogstone Resource Management, Inc
2008: Archaeological technician, Alpine Archaeological Consultants, Inc
2008: Archaeological technician, University of Iowa Office of the State Archaeology (OSA)

Affiliations/Certifications/Training

Register of Professional Archaeologists (No. 49570530)
Society for California Archaeology (SCA)
Certification: "Implementing the National Environmental Policy Act and National Historic Preservation Act" (SAA)

Professional Skills

- Technical: Microsoft Office, Microsoft Outlook, Microsoft Excel, Adobe Acrobat Pro
- Regulation: National Historic Preservation Laws, CEQA, NAGPRA, and NEPA

UTILITY SECTOR EXPERIENCE

Southern California Edison (SCE) Hazardous Tree Removal Program, SCE, Sequoia, Sierra, Inyo and Los Padres National Forests (2018-Present). Ms. Sifuentes provides project management, archaeological field surveys and monitoring for deteriorated poles, system upgrades, and initial studies to support the removal of dead trees threatening SCE facilities. Over the course of the past two and half years, Sifuentes has assisted on multiple task orders. This requires a thorough understanding of mitigation measures for each forest to provide guidance to crews in often remote locations in order to carry out necessary work. Sifuentes also assists in QA/QC of technical reports and GIS datasets for submittal to multiple contractors.

SCE LCWA-035 and-036 Infrastructure Replacement Project, San Bernardino National Forest and Lake Arrowhead Silverwood Lake Department of Parks and Recreation (Jan 2020 – February 2020). Ms. Sifuentes provided project management and supervised a 3-person crew cultural resources survey of 35 SCE structures. Duties include supervision and mobilization of crew during survey work, management of all California DPR-523 forms and GIS data generated during this project, submittal of daily progress reports, and coordinating with prime contractor (Environmental Intelligence, LLC).

SCE CWA L0030 Transmission Line Rating and Remediation (TLRR)/ SCE Ivanpah-Coolwater-Kramer-Inyokern Project, SCE,

Across BLM and Private Lands, Inyo, LA, and San Bernardino Counties (February 2019 to November 2019) Ms. Sifuentes provided archaeological support to prime contractor's Field Directors for this project. Duties included surveying, identifying and recording historic and prehistoric resources along multiple landscapes and contexts. Sifuentes used tablets to create in field Series 523 forms and collect spatial data using Collector and sub meter geodes. Ms. Sifuentes was responsible for maintaining cultural data for both new and previously recorded resources.

SCE Transmission Line Rating and Remediation Project (TLRR) – Control Silver Peak 66kV Subtransmission, Mono, Inyo, and Los Angeles Counties, California. Cultural Resource Inventory Assessment (November 2018- April 2019). Ms. Sifuentes provided field support for this large-scale project. Sifuentes has assisted in compiling various components for the field work authorizations, work plans, and reconnaissance report. Ms. Sifuentes participated as a crew chief for the pedestrian survey.

SCE CWA L007 TLRR/ G.O. 131-D Projects – Angeles National Forest, Hungry Valley State Vehicular Recreation Area, Los Padres National Forest, and Private Lands within Los Angeles County, California. Cultural Inventory Survey Assessment (December 2017 – April 2018). The cultural resources scope of work was designed to support the overall environmental analysis of the CWA L007 TLRR / G.O. 131-D Project – Angeles National Forest, Los Padres National Forest, Hungry Valley State Vehicular Recreation Area, and on Private Lands (Project). The survey areas for the Project was along the Pardee-Pastoria and Bailey-Pardee 220 kV circuits, and consisted of 321 poles and 71 work areas, totaling approximately 562 acres. Ms. Sifuentes duties included supervision of two 2-person survey crews throughout the Project's API, compiling any updates for all previously recorded resources within Project's API, application of Collector App to obtain GIS data, and completion of daily paperwork for submittal to prime contractor (SWCA). Additionally, Ms. Sifuentes provided co- authorship of report related to this Project.

SCE Zack Substation Rebuild-Large Capital Projects CWA L002, near Bishop, Mono County, California. On-Call Environmental Services (July 2017 – December 2017). The goal of this project was to increase the capacity of the existing Zack 55/12 kV Substation by replacing, rebuilding, and relocating existing facility components and infrastructure with new equipment inside the substation property and along adjacent Control-Silver Peak "C" 55 kV Subtransmission, Chalifant 12 kV Distribution, and Sagehen 12 kV Distribution circuits. Ms. Sifuentes' duties included monitoring of ground disturbing activities associated with the Project for cultural and paleontological resources, maintaining monitors' field paperwork, coordinating with Native American monitors, construction crews and SCE Project Managers, and daily submittal of construction monitoring reports to prime contractor (SWCA).

SCE Infrastructure Replacement Project, Mebane 12kV Circuit, Sequoia National Forest, Kern County, California. Cultural Resources Study (June 2018 – July 2018). Ms. Sifuentes performed the cultural field survey and co-authored the project letter report.

SCE Infrastructure Replacement Project, Earth 12kV/Nipton 33kV Circuits, Mountain Pass, BLM Needles, San Bernardino County, California. Cultural Resources Study (July 2018-present). Ms. Sifuentes conducted CHRIS records search, performed the cultural field survey, and co-authored the project report.

SCE Infrastructure Replacement Project, Nipton 33kV Circuit, Mountain Pass, BLM Needles, San Bernardino County, California. Cultural Resources Study (July 2018-present). Ms. Sifuentes conducted CHRIS records search, performed the cultural field survey, and co-authored the project report. Cultural resources were identified within the Project boundaries and mitigation measures are currently being development to address impact to these resources.

SCE Infrastructure Replacement Project, Chavez 12kV Circuit, Baker, BLM Needles, San Bernardino County, California. Cultural Resources Study (June 2018-present). Ms. Sifuentes conducted CHRIS records search, performed the cultural field survey, and co-authored the project report. Cultural resources were identified within the Project boundaries and mitigation measures are currently being development to address impact to these resources.

SCE Deteriorated Pole Replace Program, Inyo National Forest, California. Cultural Resources Studies and Monitoring Services (April 2018 – June 2018). Ms. Sifuentes provided monitoring support to multiple deteriorated pole locations within Inyo National Forest. Ms. Sifuentes conducted shovel pit testing for previously recorded resource FS05045200389 located within APE.

SCE Transmission Line Rating and Remediation Project (TLRR) - Kern River 66kV Subtransmission, Kern and Los Angeles Counties, California. Cultural Resource Inventory Assessment (April 2017- present). Ms. Sifuentes supervised a 4-person crew conducting 80-mile linear cultural resource inventory survey of SCE's Kern River 66kV transmission line. Duties include supervision and mobilization of crew during survey work, management of all California DPR-523 forms and GIS data generated during this project, submittal of daily progress reports, and coordinating with prime contractor (Arcadis). Ms. Sifuentes also co-authored survey report.

SCE TLRR G.O. 131-D Evaluation Cottonwood-Savage 115kV Project, Unincorporated San Bernardino County, California. Cultural Resources Study (April 2018-May 2018). Ms. Sifuentes performed portions of the cultural field survey and co-authored the project report.

SCE TLRR G.O. 131-D Evaluation Banning-Zanja 115kV (TD1231024) Project, City of Banning, Riverside County, California.

Cultural Resources Study (September 2017). Ms. Sifuentes conducted the CHRIS records search, performed the cultural field survey near Yucaipa and Cherry Valley, CA and co-authored the project report.

SCE TLRR G.O. 131-D Evaluation Banning-Zanja 115kV (TD1275731) Project Yucaipa and Cherry Valley, San Bernardino and Riverside Counties, California. Cultural Resources Study (September 2017). Ms. Sifuentes conducted the CHRIS records search, performed the cultural field survey near Yucaipa and Cherry Valley, CA and co-authored the project report.

SCE TLRR G.O. 131-D Evaluation Project on the Crafton-Mentone-Zanja 115kV Project, Redlands, Mentone, and Yucaipa, San Bernardino County, California. Cultural and Paleontological Resources Studies (July 2017- August 2017). Ms. Sifuentes conducted the paleontological search, performed the cultural field survey, and co-authored the individual cultural and paleontological reports.

SCE Emergency Repairs to Underground Conduit, Chemehuevi Airport, Chemehuevi Indian Reservation, San Bernardino County, California. Cultural Resources Monitoring Services (December 2017). Ms. Sifuentes provided cultural resources monitoring services. During monitoring operations, one isolated prehistoric resource and one small prehistoric resource were observed and documented on California Department of Parks and Recreation (DPR) 523 series forms.

Bechtel Russell City Energy Center, Hayward, Alameda County, California. Cultural Resource Monitoring Services (2011-2012). Ms. Sifuentes' duties including monitoring ground disturbance, coordinating with construction crews, and submittal of construction monitoring reports.

Nextera North Sky River Wind Energy Project and Jawbone Wind Energy Project, Kern County, California. Cultural Resources Inventory (2010). Ms. Sifuentes conducted Phase I survey in Kelso Valley/Tehachapi Mountains, CA.

San Francisco Public Utilities Commission New Irvington Tunnel Project, Pleasanton, California. Cultural Resource Monitoring Services (2010). Ms. Sifuentes' duties including monitoring ground disturbance, coordinating with construction crews, and submittal of construction monitoring reports.

SCE Tehachapi Renewable Transmission Project (TRTP), Segments 1-3A, Kern County, California. Cultural Resource Monitoring Services (2008-2009). Ms. Sifuentes monitored construction throughout Segments 1-3A on TRTP, which extended from Tehachapi at its northern terminus, to Santa Clarita in the southern extent of the project.

TransCanada Pathfinder Project, Colorado and Wyoming. Class I and II Cultural Resources Inventory (September 2008). Ms. Sifuentes conducted Phase I survey along the project route through northwestern Colorado and southwestern Wyoming.

OneOk Piceance Basin Lateral Pipeline Project, Montrose, Colorado. Pre-Construction Archaeological Data Recovery (September 2008- Nov 2008). Ms. Sifuentes participated in Phase III data recovery on in northwestern Colorado.

Rockies Express-East Pipeline Project, Louisiana, Missouri. Archaeological Excavations (July 2008-Aug 2008). Ms. Sifuentes worked on Phase III data recovery for an oil pipeline project.

HOUSING AND PRIVATE DEVELOPMENT SECTOR EXPERIENCE

Rider Commerce Center Project, City of Perris, Riverside County, California. Cultural and Paleontological Assessments (July 2018-present). Ms. Sifuentes conducted CHRIS and paleontological records searches for this project, is facilitating NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the individual cultural and paleontological assessment reports.

Ontario Ranch Commerce Center Project, City of Ontario, San Bernardino County, California. Cultural and Paleontological Assessments (July 2018-present). Ms. Sifuentes conducted paleontological records search for this project, is facilitating NAHC and Native American outreach, and co-authored the combined cultural and paleontological assessment report.

Eagles Nest IV & V Aviation Business Park Project, City of Chino, San Bernardino County, California. Cultural and Paleontological Assessments (July 2018-present). Ms. Sifuentes conducted paleontological records search for this project, is facilitating NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Moreno Valley Skilled Nursing Facility Project, City of Moreno Valley, Riverside County, California. Cultural and Paleontological Assessments (May 2018). Ms. Sifuentes' duties included coordination with the Eastern Information Center, overseeing survey progress, conducting NAHC correspondence and Tribal outreach, and co-authored the Phase I reports for both resources.

Mount Vernon Residential Project, City of Riverside, Riverside County, California. Cultural Assessment (September 2017 –

October 2017). Ms. Sifuentes conducted CHRIS records search for this project, facilitated NAHC and Native American outreach, performed the cultural field survey, and co-authored the cultural assessment report.

Nittobo America Manufacturing and Office Building Project, City of Murrieta, Riverside County, California. Biological, Cultural, and Paleontological Assessments (January 2018 – July 2018). Ms. Sifuentes conducted the CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the individual cultural and paleontological assessment reports.

Clinton Keith Mixed Use Development Project, City of Murrieta, Riverside County, California. Cultural and Paleontological Assessments (November 2018-January 2018). Ms. Sifuentes conducted the CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the individual cultural and paleontological assessment reports.

Cottages at Mission Trail Project, City of Lake Elsinore, Riverside County, California. Cultural and Paleontological Assessments and On-call Cultural Resource Monitoring Services (July 2017-present). Ms. Sifuentes conducted the CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the individual cultural and paleontological assessment reports. Ms. Sifuentes will be providing on-call cultural resource compliance services in support of the project once construction begins.

South Orange County Community College District Saddleback Stadium Improvement Project, City of Mission Viejo, Orange County, California. On-Call Cultural and Paleontological Resource Monitoring Services (June 2018 – January 2020). Ms. Sifuentes provides cultural and paleontological resource monitoring services, provides laboratory processes help with paleontological resources recovered during ground-disturbing phase of the project, and provided co-authorship for the final cultural and paleontological monitoring reports.

The Retreat Project, Midway City, Orange County, California. On-Call Cultural Resources Monitoring Services (May 2018 – March 2020). Ms. Sifuentes provided cultural resource monitoring services during ground-disturbing phase of the project and provided co-authorship for the final cultural monitoring report.

The Serrano Business Park, Jurupa Valley, Riverside County, California. On-Call Cultural and Paleontological Resource Monitoring Services (May 2018 – November 2018). Ms. Sifuentes provided cultural resource monitoring services during ground-disturbing phase of the project.

FEDERAL SECTOR EXPERIENCE

California Department of General Services (DGS), Various Projects throughout California. AB52 Consultation (September 2017 – present). Ms. Sifuentes has been assisting and coordinating with DGS Senior Environmental Planner (Terry Ash) and DGS's list of AB 52 tribes for consultation on the following projects: California Men's Colony Solar Project, California Department of Corrections and Rehabilitation (CDCR) Calipatria State Prison Solar Project, CDCR California State Prison Centinela Solar Project, and Chino Hills Institute for Women Solar Array Project. Duties include completion of "Notice of Opportunity to Consult" letters, project description write-up and coordination for any meetings with interested parties.

Cultural Resources Inventory Survey of 10,000 Acres on Fort Irwin, San Bernardino County, California. Cultural Resource Inventory Survey (2016 – 2017). Ms. Sifuentes supervised a 5-person crew conducting a 10,000-acre cultural resource survey at Fort Irwin National Training Center, CA. Duties include supervision and mobilization of crew during survey work, management of all California DPR-523 forms and GIS data generated during this project, submittal of daily progress reports, and coordinating and maintaining a positive working relationship with base personnel.

Passport In Time - USDA Forest Service, Los Angeles National Forest, California. Volunteer Archaeology (May 2008). Ms. Sifuentes helped set up and excavated units in the Chilao Flats camp area.

SOLAR SECTOR EXPERIENCE

Ecoplexus California Correctional Institution (CCI) Solar Project, Tehachapi, Kern County, California. Cultural and Paleontological Assessments (April 2018 – August 2018). Ms. Sifuentes provided project management for the project. Her duties included coordination with South San Joaquin Valley Information Center, overseeing daily progress with survey crew, conducted NAHC and Native American outreach, and co-authoring the combined cultural and paleontological assessment report.

Ecoplexus Ironwood State Prison and Chuckawalla Valley State Prison Solar Project, City of Blythe, Riverside County. Cultural and Paleontological Assessments (June 2018 – present). Ms. Sifuentes conducted CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, co-

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authored the combined cultural and paleontological assessment report, and organized site visit between DGS and interested tribal groups.

Ecoplexus California State Prison Centinela Solar Project, City of Imperial, Imperial County, California. Cultural and Paleontological Assessments (August 2017 – April 2018). Ms. Sifuentes conducted CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Ecoplexus Calipatria State Prison Solar Project, City of Calipatria, Imperial County, California. Cultural and Paleontological Assessments (August 2017 – April 2018). Ms. Sifuentes conducted CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Ecoplexus California Men's Colony Solar Project, San Luis Obispo, San Luis Obispo County, California. Cultural and Paleontological Assessments (August 2017 – January 2018). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, and co-authored the combined cultural and paleontological assessment report.

Ecoplexus RJ Donovan State Prison Solar Project, San Diego, San Diego County, California. Cultural and Paleontological Assessments (March 2018 – April 2018). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, and co-authored the combined cultural and paleontological assessment report.

Ecoplexus Salinas Valley State Prison Solar Project, City of Soledad, Monterey County, California. Cultural and Paleontological Assessments (March 2018 – April 2018). Ms. Sifuentes conducted CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Ecoplexus Correctional Training Facility Soledad Project, City of Soledad, Monterey County, California. Cultural and Paleontological Assessments (March 2018 – April 2018). Ms. Sifuentes conducted CHRIS and paleontological records searches for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Ecoplexus Ventura Youth Correctional Facility Solar Project, City of Camarillo, Ventura County, California. Cultural and Paleontological Assessments (May 2017). Ms. Sifuentes performed the cultural and paleontological field survey for this project.

SDG&E Cameron Substation Photovoltaic Project, San Diego, San Diego County, California. Cultural and Paleontological Assessments (September 2017 – January 2020). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the individual cultural and paleontological assessment reports. Cultural resources were identified within the Project boundaries and mitigation measures are currently being development to address impact to these resources.

Forefront Power Beard Solar Project, Dustin Acres, Kern County, California. Cultural and Paleontological Assessments (March 2018- April 2018). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Broadman Solar Project, Livermore, Alameda County, California. Cultural and Paleontological Assessments (February 2018- March 2018). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Anderson-Coalinga 1-1109 Solar Project, Ora, Fresno County, California. Cultural and Paleontological Assessments (September 2017-October 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Anderson-Coalinga 2 Solar Project, City of Coalinga, Fresno County, California. Cultural and Paleontological Assessments (September 2017-October 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Anderson-Derrick Solar Project, City of Coalinga, Fresno County, California. Cultural and Paleontological Assessments (September 2017-November 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Anderson-Devil's Den Solar Project, Lost Hills, Kern County, California. Cultural and Paleontological Assessments (September 2017-October 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Anderson-Dulgarian Solar Project, Lost Hills, Kern County, California. Cultural and Paleontological Assessments (September 2017-October 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Anderson-Gates City of Coalinga, Fresno County, California. Cultural and Paleontological Assessments (September 2017-October 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Mahal Property Solar Project, City of Selma, Fresno County, California. Cultural and Paleontological Assessments (September 2017-October 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, oversaw progress with survey crew, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Rector Reservoir Solar Facility Project, Napa Valley, Napa County, California. Cultural and Paleontological Assessments (August 2017-September 2017). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Nachtigall Solar Project, Wasco, Kern County, California. Cultural and Paleontological Assessments (March 2018-April 2018). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Rocha Solar Project, Fuller Acres, Kern County, California. Cultural and Paleontological Assessments (March 2018-April 2018). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Shafter Solar Project, City of Shafter, Kern County, California. Cultural and Paleontological Assessments (March 2018-present). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report. Cultural resources were identified within the Project boundaries and mitigation measures are currently being development to address impact to these resources.

Forefront Power Anderson Twisselman Solar Project, Lost Hills, Kern County, California. Cultural and Paleontological Assessments (March 2018-April 2018). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report.

Forefront Power Weedpatch Solar Project, Kern County, California. Cultural and Paleontological Assessments (March 2018-present). Ms. Sifuentes conducted paleontological records search for this project, facilitated NAHC and Native American outreach, performed the cultural and paleontological field survey, and co-authored the combined cultural and paleontological assessment report. Cultural resources were identified within the Project boundaries and mitigation measures are currently being development to address impact to these resources.

Peak Valley Solar Project, Kramer Junction, San Bernardino County, California. Cultural Resources Inventory (April 2017). Ms. Sifuentes' duties include supervision and mobilization of survey crew, management of all California DPR-523 forms and GIS data generated during this project, and submittal of daily progress reports.

Mojave Solar Project, San Bernardino County, California. Cultural Resources Monitoring Services (2013-2015). Ms. Sifuentes assisted the Field Director with mobilization of both cultural monitors and Native American monitors during construction excavations for the Project in Hinkley, CA. Duties included maintaining monitors' field paperwork, coordinating with construction crews, and daily submittal of construction monitoring reports.

Hidden Hills Solar Electric Generating System Power Plant Project, Clark County, Nevada. Cultural Resource Assessment (2013). Ms. Sifuentes conducted Phase I surveys of the nearly 400-acre project area near Pahrump.

TRANSPORTATION SECTOR EXPERIENCE

High Speed Rail Construction Package 2-3, On- Call Cultural Resources Monitoring Services (August 2019 to present). Ms. Sifuentes provides project management for cultural resource monitoring support services for underground PG&E relocation and installation activities for the project. Her responsibilities include scheduling of monitors to designated locations, maintaining communication with prime contractor (TRC) and all involved parties, quality control of all fieldwork paperwork and photographic records generated, and submission of all paperwork to TRC.

Sand Creek Byway/U.S. 95 Sandpoint Archaeology Project, Sandpoint, Idaho. Archaeological Artifact & Data Reporting (2009-2010). Ms. Sifuentes' duties included cataloged of historical artifacts found within Phase II excavations within Microsoft Access, researching composition, identification, function and date range for artifacts, proper cleaning and preparation of artifacts and writing brief reports on individual artifacts and classes of artifacts.

SELECTED PUBLICATIONS

Sifuentes, S. and T. Belcourt

- 2018 *Phase I Cultural Assessment: Moreno Valley Skilled Nursing Facility Project, City of Moreno Valley, Riverside County, California.* Prepared on behalf of T&C International Health, Inc.
- 2018 *Cultural Resources Report for SCE TLRR G.O. 131-D Evaluation Project Cottonwood-Savage 115kV Transmission Line: Town of Apple Valley, Census Designated Place (CDP) Lucerne Valley, and Unincorporated San Bernardino County, California.* Prepared on behalf of Southern California Edison.
- 2018 *Cultural Resources Inventory Report: Southern California Edison Company Transmission Line Rating and Remediation Program Pardee-Pastoria-Warne 220kv Circuit Located On Private Lands And Lands Managed By The United States Department Of Agriculture Angeles National Forest, Los Angeles County, California (ARR #05-01-01301).* Prepared on behalf of Southern California Edison.
- 2018 *Phase I Cultural Resources Assessment: Nittobo America Manufacturing and Office Building Project, City of Murrieta, Riverside County, California.* Prepared on behalf of Nittobo America, Inc.
- 2017 *Cultural Resources Inventory: Southern California Edison Company Transmission Line Rating And Remediation Project, Kern River 66kv, Los Angeles And Kern Counties, California.* Prepared on behalf of Southern California Edison.
- 2017 *Southern California Edison (SCE) Transmission Line Rating and Remediation Project (TLRR) G.O. 131-D Evaluation Program, Banning-Zanja 115kV – TD2131024 and TD127531 Projects, San Bernardino and Riverside Counties, California.* Prepared on behalf of Southern California Edison.
- 2017 *Cultural Resources Report for TLRR G.O. 131-D Evaluation Project on the Crafton-Mentone-Zanja 115kV Project, Redlands, Mentone, and Yucaipa, San Bernardino County, California.* Prepared on behalf of Southern California Edison.
- 2017 *Phase I Cultural Resources Assessment: Cottages at Mission Trail Project, City of Lake Elsinore, Riverside County, California.* Prepared on behalf of Civic Partners-Elsinore, LLC.
- 2017 *Southern California Edison (SCE) Transmission Line Rating and Remediation Project (TLRR) Geotechnical Staking, Kern Inyo, and San Bernardino County, California and Clark County, Nevada, Letter Report for Cultural Resources Survey.* Prepared on behalf of Southern California Edison.

Sifuentes, S., T. Belcourt, and J. Kelly

- 2018 *Phase I Paleontological Assessment: Moreno Valley Skilled Nursing Facility Project, City of Moreno Valley, Riverside County, California.* Prepared on behalf of T&C International Health, Inc.
- 2018 *Phase I Cultural and Paleontological Assessment: Beard Solar Project CA-17-0135, near the Community of Dustin Acres, Taft, Kern County, California.* Prepared on behalf of Forefront Power.
- 2018 *Phase I Cultural and Paleontological Assessment: Broadman Solar Project Ca-17-0158, near the Community Of Ulmar, Livermore, Alameda County, California.* Prepared on behalf of Forefront Power.
- 2018 *Phase I Cultural and Paleontological Assessment: Rocha Solar Project CA-17-0149, near the Community of Fuller Acres, Bakersfield, Kern County, California.* Prepared on behalf of Forefront Power.
- 2018 *Phase I Cultural and Paleontological Assessment: Shafter Solar Project CA-17-0096, located in City of Shafter, Kern County, California.* Prepared on behalf of Forefront Power.
- 2018 *Phase I Paleontological Resources Assessment: Nittobo America Manufacturing and Office Building Project, City of Murrieta, Riverside County, California.* Prepared on behalf of Nittobo America, Inc.
- 2017 *Cultural and Paleontological Assessment: California Men's Colony Solar Facility Project, San Luis Obispo, San Luis Obispo County, California.* Prepared on behalf of Ecoplexus, Inc

- 2017 *Cultural and Paleontological Assessment: Anderson-Derrick Solar Project CA-17-0100 near the City of Coalinga, Fresno County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: Mahal Property Solar Project CA-17-0018 in the City of Selma, Fresno County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: Anderson-Coalinga 1-1109 Solar Project CA-17-0106 in Ora, Unincorporated Fresno County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: Anderson-Coalinga 2 Solar Project CA-17-0122 near the City of Coalinga, Fresno County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: Anderson-Gates Solar Project CA-17-0102 near the City of Coalinga, Fresno County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: Anderson-Devil's Den Solar Project CA-17-0101 near Lost Hills, Kern County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: Anderson-Dulgarian Solar Project CA-17-0090 near Lost Hills, Kern County, California.* Prepared on behalf of Forefront Power.
- 2017 *Phase I Cultural Resources Assessment: Mount Vernon Residential Project, City of Riverside, Riverside County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: Rector Reservoir Solar Facility Project, Napa Valley, Napa County, California.* Prepared on behalf of Forefront Power.
- 2017 *Cultural and Paleontological Assessment: California Department of Corrections and Rehabilitation California State Prison Centinela Solar Project, City of Imperial, Imperial County, California.* Prepared on behalf of Ecoplexus, Inc.
- 2017 *Cultural and Paleontological Assessment: California Department of Corrections and Rehabilitation Calipatria State Prison Solar Project, City of Calipatria, Imperial County, California.* Prepared on behalf of Ecoplexus, Inc
- 2017 *Cultural and Paleontological Assessment: Magnolia Tank Farm Project, City of Huntington Beach, Orange County, California.* Prepared on behalf of SLF-HB Magnolia, LLC.
- 2017 *Paleontological Resources Report for TLRR G.O. 131-D Evaluation Project on the Crafton-Mentone-Zanja 115kV Project, Redlands, Mentone, and Yucaipa, San Bernardino County, California.* Prepared on behalf of Southern California Edison.
- 2017 *Phase I Paleontological Resources Assessment: Cottages at Mission Trail Project, City of Lake Elsinore, Riverside County, California.* Prepared on behalf of Civic Partners-Elsinore, LLC.

TECHNICAL REPORT QA/QC AND THIRD-PARTY REVIEW

- 2018 *Phase I Cultural Resources Assessment: Metro at Buckingham Senior Housing Project, City of Los Angeles, Los Angeles County, California.* Prepared on behalf of Meta Housing Corporation.
- 2018 *Letter Report for Cultural Resources Monitoring for Southern California Edison's Grid Reliability and Maintenance (GRM) Program – Sundown 12kV Distribution Substation Project on Private Lands near Helendale, San Bernardino County, California.* Prepared on behalf of Southern California Edison.
- 2017 *Anaheim Residential Project, City of Anaheim, Orange County, California, Letter Report for Cultural and Paleontological Resources Records Searches.* Prepared on behalf of SLF-AREP IV South Street, LLC.

CONFERENCE PRESENTATIONS

- 2016 In the Name of the Father, Son, and Thor? A preliminary examination of early Christian conversion in Norse Greenland. Presentation at the 2016 University of Aberdeen Internal Master Conference in Aberdeen, Scotland
- 2010 Pressed Clothes or Pressed Glass? A preliminary examination of press-molded glass at a Chinese Laundry. Presentation at the 63rd Northwest Anthropology Conference in Ellensburg, WA.

Yahaira Gonzalez, M.A.

Archaeologist; GIS Technician



Yahaira Gonzalez is an archaeologist with over two years of professional experience in cultural resource management (CRM) throughout California. Ms. Gonzalez has worked on projects subject to Federal, State, and local government regulations within California. She has participated in monitoring, survey, and excavation efforts as a crew member in California. She is trained in bioarchaeological techniques including identifying and exhuming human remains and skeletal recordation and preparation for repatriation under NAGPRA. Ms. Gonzalez has received her GIS certificate and is proficient in ESRI software ArcMap 10.8 and ArcGIS Pro. She has also contributed to writing technical reports and dozens of California State Department of Parks and Recreation's 523 series forms. Ms. Gonzalez's pre-field research experience includes record searches at various information centers in California, as well as Native American correspondence and outreach. She also has experience in academia as a Teaching Associate and has over ten years of experience managing multiple project and up to forty staff in an educational setting.

Education

- 2020 M.A. in Anthropology with a focus in bioarchaeology, California State University, Los Angeles
- 2019 Certificate in Geographic Information Systems California State University, Los Angeles
- 2017 B.A. in Anthropology, California State University, Los Angeles

Work History

- 2019-Present: Archaeologist, Material Culture Consulting
- 2018-2019: Teaching Associate, California State University, Los Angeles
- 2014-2018: Program Director, SPARK Academy Corp
- 2013-2014: Archaeology assistant, McKenna et al

PROFESSIONAL EXPERIENCE

Diamond Mead Valley Project, near City of Perris, Unincorporated Riverside County, California (2019). Ms. Gonzalez facilitated Native American correspondence and outreach for this project,

HELIX Environmental Planning, Inc., telecommunication reports (October 2019-present). Ms. Gonzalez serves as a desktop reviewer for this on-going project. Tasks include conducting California Historical Resources Information System (CHRIS) record searches and online searches of local Historic Districts and the California State Historic Resources Inventory (HRI) for various counties throughout the state of California, analysis of telecommunication candidate locations in relation to nearby National Register of Historic Places (NR) listed or eligible Historic District, and co-authoring the resulting reports.

EPD Almeria Avenue Project, the City of Fontana, San Bernardino County (December 2019). Ms. Gonzalez facilitated Native American correspondence and outreach for this project.

Foothill Fontana Commerce Center Project, City of Fontana, San Bernardino County, California (December 2019). Ms. Gonzalez conducted California Historical Resources Information System (CHRIS) record search for this project and facilitated Native American correspondence and outreach.

Harvill Industrial Park Project, Unincorporated Riverside County, California (December 2019). Gonzalez assisted in the authorship of the technical report and QA/QC of daily paperwork.

The Cottages at Mission Trails Project, City of Lake Elsinore, Riverside County, California(December 2019).

Gonzalez assisted in the authorship of the technical report and QA/QC of daily paperwork.

EPD The Retreat Project, In Midway City, Orange Country California (December 2019) Gonzalez assisted in the authorship of the technical report and QA/QC of daily paperwork.

Rider Commerce Center Project, City of Perris, Riverside County, California (January 2020) Gonzalez assisted in the authorship of the technical report and QA/QC of daily paperwork.

EPD EMH Properties LLC Parcel, the City of Los Banos, Merced County (January 2020) Ms. Gonzalez facilitated Native American correspondence and outreach for this project.

EPD Jorge Parcel, the City of Los Banos, Merced County (January 2020). Ms. Gonzalez facilitated Native American correspondence and outreach for this project.

High Speed Rail Construction Package 2-3, On- Call Cultural Resources Monitoring Services (January 2020 to present). Gonzalez provides cultural resource monitoring support services for underground PG&E relocation and installation activities for the project. Her responsibilities include maintaining communication with all involved parties and completing and submitting paperwork and photographic records.

CAL01320-CAL02708, City of Julian, San Diego County, California (January 2020) Ms. Gonzalez authored a report summary of monitoring activities for the duration of this project.

PAX Door Ministries Project, Pinon Hills, CA (January 2020). Gonzalez facilitated Native American outreach for this project.

EPD G3 Farming, In the City of Huron, Fresno County (February2020) Gonzalez facilitated Native American outreach for this project.

EPD Borrego Solar Project, near Suisun City, Solano County, California (February -April 2020) Gonzalez facilitated Native American outreach for this project and provided co-authorship of resulting Phase I cultural and paleontological assessment report .

Moiola Park Residences Project, Fountain Valley, CA (February 2020). Ms. Gonzalez conducted California Historical Resources Information System (CHRIS) record search for this project and facilitated Native American correspondence and outreach.

SCE Deteriorated Pole Replace Program, located near Bishop BLM Bishop, Inyo County, California (October 2019-Present). Ms. Gonzalez assisted in co-authoring monitoring reports and writing California State Department of Parks and Recreation (DPR) forms for the Project.

EPD Iris Park Project, City of Moreno Valley, Riverside County, California (February-March 2020) Ms. Gonzalez conducted California Historical Resources Information System (CHRIS) record search for this project, facilitated Native American correspondence and outreach, and provided co-authorship of resulting Phase I cultural and paleontological assessment report .

Ontario Ranch Logistics Center Project, City of Ontario, San Bernardino County, California. Cultural and Paleontological Assessments (February 2020 to Present). Ms. Gonzalez provides cultural and paleontological resource monitoring services during ground disturbing phases of the project. Her responsibilities include maintaining communication with all involved parties and completing and submitting paperwork and photographic records.

Rosamond Community Services District Wastewater Treatment Plant Rehabilitation Project, Rosamond, CA (2019-present). Ms. Gonzalez authors a report summary of monitoring activities for this ongoing project.

EPD Borrego Solar Fortuna, Near Fortuna City, Humboldt County, California (March 2020). Ms. Gonzalez facilitated coordination of CHRIS record search for this project and conducted Native American correspondence

and outreach.

EPD Transwestern Rialto Project, City of Rialto, San Bernardino County, CA (March 2020). Ms. Gonzalez conducted California Historical Resources Information System (CHRIS) record search for this project.

EPD Calle Encantado Project, City of Temecula, Riverside County, CA (March-April 2020). Gonzalez facilitated Native American outreach for this project.

EPD Haun Rd. 18 Project, City of Menifee, Riverside County, CA (March-April 2020). Gonzalez facilitated Native American outreach for this project.

Deep Creek Campgrounds Project, near the City of Apple Valley, San Bernardino County, CA (April 2020). Ms. Gonzalez assisted in co-authoring monitoring report and California State Department of Parks and Recreation (DPR) forms for the Project and facilitated Native American outreach.

Market Street Project, City of Jurupa Valley, Riverside County, CA. Gonzalez facilitated Native American outreach for this project and provided co-authorship of resulting Phase I cultural and paleontological assessment report.

Southern California Edison's Operations and Maintenance Activities Cultural Resources Study, Multiple TDs, BLM Barstow, San Bernardino County, California (October 2019-present). Ms. Gonzalez assisted in co-authoring monitoring reports and writing California State Department of Parks and Recreation (DPR) forms for the Project. She also participated in a three-person crew pedestrian survey of TD1029074.

McKenna et al, Archaeology Assistant (2013-2014). Ms. Gonzalez assisted Principal Investigator Jeanette McKenna with field surveys in private properties, test excavations, artifact collection, recordation, organization, storing and analysis.

ADDITIONAL WORK EXPERIENCE

Teaching Associate, California State University, Los Angeles (2018-2019). Gonzalez planned and implemented lesson plans for college level courses in adherence of the university's student learning outcomes. Lecturing a group of up to 25 students with subjects regarding biological anthropology and college success courses (instructor on record).

Program Director, SPARK Academy Corp. Monterey Park, CA (2014-2018) Ms. Gonzalez coordinated all aspects of implementing an afterschool program for ten different elementary schools in Alhambra Unified School District. She managed over 40 staff, including hiring, training and professional development.

ADDITIONAL FIELD EXPERIENCE

Danielson Ranch Field School, Point Mugu State Park, CA (2016). Gonzalez served as a field technician for the project under the guidance of P.I. Dr. Rene Vellanoweth.

VOLUNTEER EXPERIENCE

2017-2019 **Lab Assistant, California State University, Los Angeles.** Gonzalez Initiated contact and organized subsequent acquisition of dental material. She also prepared, set up, and graded labs for undergrad students attending ANTH 4640: Method and Theory in Biological Anthropology, under the supervision of Dr. Christine Lee.

2018-2019 **Osteology Intern, The Autry Research Laboratory.** Gonzalez conducted skeletal inventory, pathological and taphonomic assessment of human skeletal remains in preparation for possible repatriation under NAGPRA.

Appendix B:
LACM Locality Search Results

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007
tel 213.763.DINO
www.nhm.org



Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

19 March 2020

Material Culture Consulting
2701-B North Towne Avenue
Pomona, CA 91767

Attn: Claudia Camacho-Trejo, Archaeology Tech

re: Paleontological resources for the proposed Calle Encantado Project, in the City of
Temecula, Riverside County, project area

Dear Claudia:

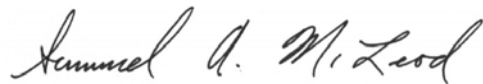
I have conducted a thorough check of our paleontology collection records for the locality and specimen data for proposed Calle Encantado Project, in the City of Temecula, Riverside County, project area as outlined on the portion of the Bachelor Mountain USGS topographic quadrangle map that you sent to me via e-mail on 4 March 2020. We do not have any fossil localities that lie directly within the proposed project area boundaries, but we do have fossil localities nearby from the same deposits that occur in the proposed project area.

In the entire proposed project area there are surface deposits of the terrestrial late Pleistocene Pauba Formation. Our closest fossil vertebrate locality in the Pauba Formation is LACM 5904, on the next ridge due south of the proposed project area in the vicinity of the intersection of Rancho Vista Road and Meadows Parkway, that produced specimens of fossil rabbit, Leporidae, and fossil pocket gopher, *Thomomys*. Further southwest of the proposed project area, in Paloma Del Sol north of the Temecula Parkway (Highway 79), our Pauba Formation locality LACM 7972 produced a fossil specimen of mammoth, *Mammuthus*. Just north of due west of the proposed project area, east of Interstate 15 on both sides of Winchester Road [Banana Avenue], our Pauba Formation localities LACM 5447 and 5891-5892, produced specimens of fossil horse, *Equus*. Slightly farther north and immediately west Interstate 15 our Pauba Formation locality LACM 7941 produced fossil specimens of undetermined elephant, Proboscidea, as well as horse, *Equus*.

Excavations in the Pauba Formation exposed throughout the proposed project area may well encounter significant fossil vertebrate remains. Any substantial excavations in the proposed project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains discovered while not impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

A handwritten signature in cursive script, reading "Samuel A. McLeod". The signature is written in dark ink and is positioned above the printed name.

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice