

**NEGATIVE CULTURAL RESOURCES  
PHASE I SURVEY REPORT**  
for the  
**NLP GRANGER A82 LLC PROJECT,  
SAN DIEGO COUNTY, CALIFORNIA  
PDS2015-MUP-15-019**

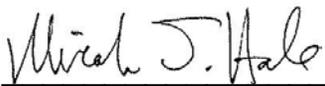
*Lead Agency:*

County of San Diego  
Planning & Development Services  
Contact: Donna Beddow  
5510 Overland Ave, Suite 110  
San Diego, California 92123

*Prepared by:*

Scott Wolf and Adam Giacinto, MA, RPA  
**DUDEK**  
605 Third Street  
Encinitas, California 92024

*Approved by:*

  
Micah Hale, Ph.D., RPA

*Prepared for:*

Patrick Brown  
NLP Valley Center Solar, LLC.  
17901 Von Karman Ave, Ste. #1050,  
Irvine CA 92614

**AUGUST 2015**

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## **NATIONAL ARCHAEOLOGICAL DATABASE (NADB) INFORMATION**

**Authors:** Scott Wolf BS, Adam Giacinto, MA, RPA, and Micah Hale, Ph.D, RPA  
**Firm:** Dudek

**Project Proponent:** Granger A82, LLC

**Report Date:** August 2015

**Report Title:** Negative Cultural Resources Phase I Survey for the NLP Granger A82 LLC Project, San Diego County, California

**Type of Study:** Phase I Archaeological Survey; Extended Phase I Probing

**Resources:** N/A

**USGS Quads:** Pala, CA 1:24,000; T 11S, R 10W; Sections 26, 27, and 35.

**Acreage:** 27.1

**Permit Numbers:** PDS2015-MUP-15-019

**Keywords:** NLP Granger A82 LLC Project, Negative Intensive Pedestrian Survey, Phase I Inventory and Extended Phase I Probing

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August 13, 2015

Patrick Brown  
NLP Valley Center Solar, LLC.  
17901 Von Karman Ave, Ste. #1050,  
Irvine CA 92614

***Subject: Cultural Resources Inventory for the NLP Granger A82 LLC Project, San Diego County, California***

Dear Mr. Brown:

This letter documents the negative cultural resources inventory conducted by Dudek for the NLP Granger A82 LLC Project (“Project”), located in Valley Center, California (Figures 1). Phase I cultural inventory included the 27.1 acre Major Use Permit (MUP) boundaries (Figure 2), the larger 40 acre surrounding parcel, and a 10,500 linear corridor of potential use that runs westward along the County-maintained roads that extend from the Projects site. Based on the results of a South Coastal Information Center (SCIC) records search, a Native American Heritage Commission (NAHC) Sacred Lands File search, and intensive pedestrian survey, and Extended Phase I probing effort, no cultural resources will be impacted by the Project as currently designed.

## **PROJECT LOCATION**

County: San Diego

USGS Quad Map and Date of Map: Pala, CA (1968; Photorevised 1975)

Thomas Brothers Page: 1129

Section, Township, and Range or Land Grant: Township 10 South, Range 2 West;  
Sections 26, 27, and 35

Physical Address: 30601-30739 Mesa Crest Rd., Pala, CA 92027

Assessor’s Parcel Number (APN): 1291620700

Universal Transect Mercator (UTM; NAD 83, Zone 11S): 216576 mE; 3544369 mN

Elevation: 1400 feet above mean sea level (AMSL).

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Project, San Diego County, California

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## OWNER AND ADDRESS

Private owner; Address unknown

## SURVEY METHODS

Survey Type: Intensive Pedestrian Survey

Date of Survey: May 01, 2015

Field Crew: Scott Wolf (Dudek Archaeologist) conducted the pedestrian survey with Native American Monitor Mario Herrera, Native Grounds. Scott Wolf and archaeological technician Patrick Hadel conducted the Extended Phase I probing with Native American Monitor Mario Herrera, Native Grounds.

## DESCRIPTION

The proposed Project PV solar facilities would be installed on an approximately 27 acre Major Use Permit (MUP) area which is a portion of the larger approximately 40 acre property. The area of potential effects (APE) for the parcel is represented by the MUP limits, with the vertical APE defined by the maximum depth of project excavation (less than 15 feet below the surface). The unaffected (undeveloped) acreage onsite would remain in its present state upon implementation of the proposed Project as currently designed and is not a part of the major use permit authority.

The Project proposes 24,000 cubic yards of grading. The Project design consists of PV solar panels mounted on a collection of single-axis tracking (SAT) systems supported by machine-driven metal "I" beam or round pipe rack pilings. The maximum height of the top of panel would measure an average of eight feet at full tilt; however, in certain cases where the ground undulates under the panels, the panel height could reach a maximum of approximately 12 feet as measured from the ground surface. The PV solar panels would be manufactured at an offsite location and transported to the Project site. The solar panels would be installed in north/south rows that rotate to face east in the morning and west in the afternoon hours, tracking the sun about a north/south axis to maximize solar absorption. The ultimate arrangement/number of PV solar panels, racking, inverter pads and structures, metrological station, fencing, and internal access driveways are shown on the MUP Plot Plan (Figure 2) to illustrate the general configuration of the proposed solar collection system; however, this layout is subject to modification at final engineering design.

## Subject: Cultural Resources Inventory for the NLP Granger A82 LLC Project, San Diego County, California

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### **METHODS**

Dudek archaeologist Scott Wolf conducted a records search at the South Coastal Information Center (SCIC) on April 21, 2015. A half-mile buffer was considered adequate based on Dudek archaeologists previous experience in the vicinity and because it appropriately encompassed the surrounding topography. No archaeological resources have been previously recorded within the Project area, or the surrounding records search buffer. SCIC records indicate that a total of twelve technical studies have been conducted within the half-mile records search area. With the exception of the northern boundary of the Project parcel, none of these previous studies have included the Project area.

Dudek archaeologist Scott Wolf, accompanied by a Luiseno Native American Monitor provided by Native Grounds, conducted an intensive-level pedestrian survey of the entire project parcel on May 01, 2015 utilizing parallel transects of no more than 15 meters apart. The majority of the property terrain consists of modestly undulating hills with a moderately dense cover of mixed-chaparral community vegetation. A number of granitic outcrops are present on the parcel; all are highly friable and of low suitability for use in prehistoric food processing. All visible bedrock surfaces were inspected for their archaeological potential. Evidence for buried cultural deposits was sought through inspection of natural or artificial erosion exposures and the spoils from rodent burrows. The property until recently operated as a commercial orchard, with avocado (and possibly some citrus) trees occupying the majority of available space along the central and western portions of the property. All areas have been substantially disturbed by past agricultural activities. Organic debris and low-laying grasses associated allowed for approximately one-half of the ground surface to be directly observed in most areas.

A very sparse scatter of modern trash (consumable refuse), measuring 30 x 15 feet in size, was observed in the western portion of the proposed MUP limits, within the entryway from Mesa Crest Rd. A small number of marine shell (*Ostrea sp.*) fragments (less than 10) were observed in this debris. Four (4) Extended Phase I exploratory shovel test probes (STPs), measuring 0.5 x 0.25 meters in size, were excavated in 20 centimeter levels within, and surrounding, the scatter of debris. The intent of this probing effort was to define the character of past disturbance in this area and to understand the depositional nature of this modern scatter. One STP contained modern consumer refuse and a few fragments of this same marine shell within 10 cm of the surface, the remaining STPs were sterile to a depth of 40 cm below the surface. Based on these results, it is apparent that the modern debris was dumped from elsewhere, and that the shell was evidently the result of modern shellfish consumption or otherwise related to this modern depositional event. No archaeological resources were observed to be present. A Native American monitor from Native Grounds was present for all Extended Phase I probing activity.

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Project, San Diego County, California

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## RECOMMENDATIONS

Dudek's Phase I cultural resources inventory of the project area suggests that there is low potential for the inadvertent discovery of cultural resources during ground breaking activities. No cultural material or features were identified during intensive pedestrian survey or Extended Phase I probing. SCIC records indicate that no archaeological resources have been previously recorded within the project area or the surrounding half-mile records search buffer. The NAHC Sacred Lands File search did not indicate that cultural resources are in the vicinity of the project. Subsequent tribal information requests have not yielded any responses, and the County will be facilitating any government-to-government consultation relating to Assembly Bill 52 (AB 52). Based on these results, the existing disturbed nature of the area within the proposed MUP limits, and topographical setting of the surrounding terrain, no cultural monitoring or additional cultural mitigation is recommended for disturbances relating to the proposed Project.

Should you have any questions relating to this report and its findings please contact myself or Adam Giacinto.

Respectfully Submitted,



Micah Hale, Ph.D, R.P.A.  
Archaeologist

### **DUDEK**

Office: (760) 479- 4276

Email: mhale@dudek.com

cc: Adam Giacinto, Dudek  
Scott Wolf, Dudek

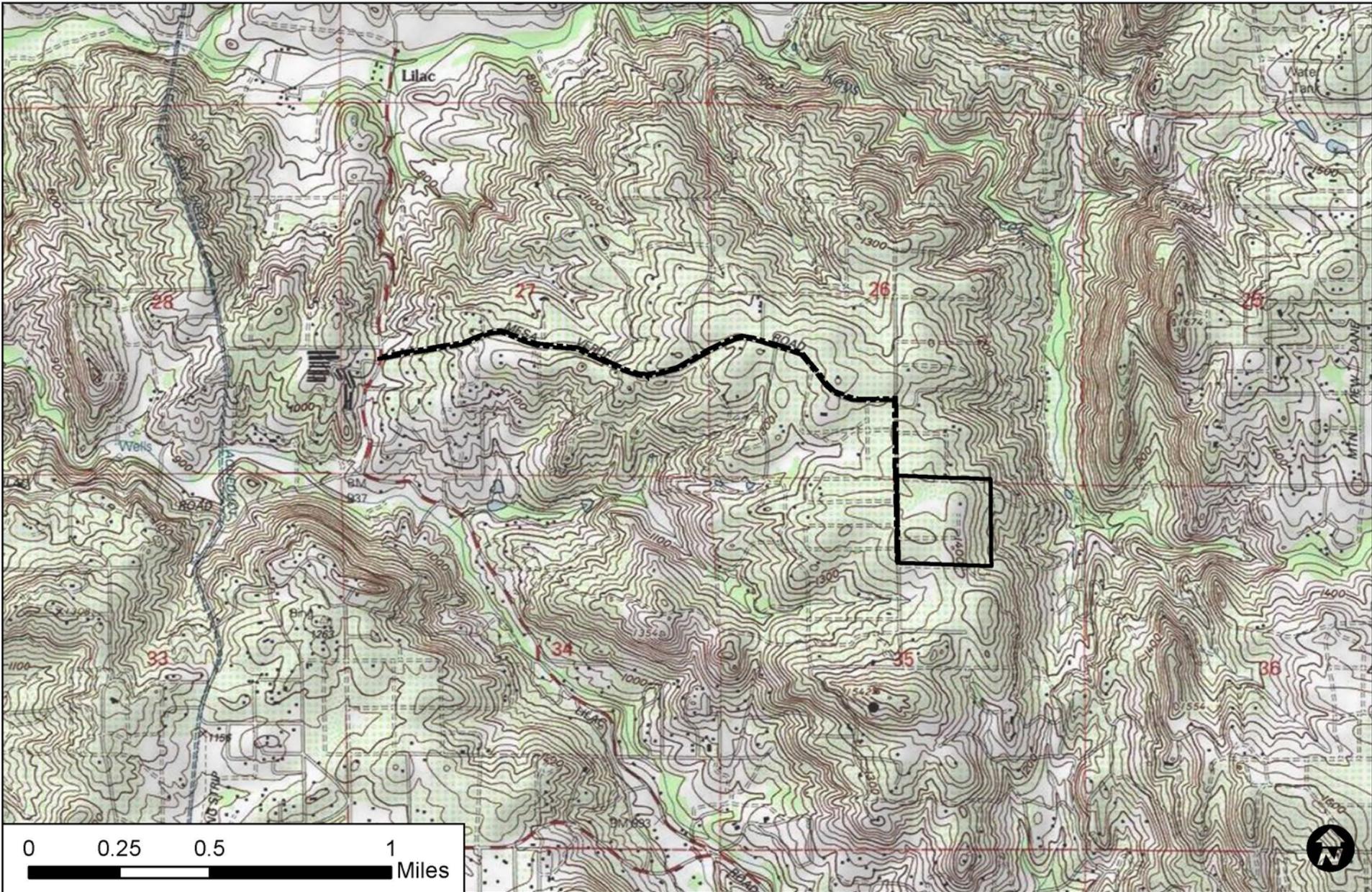
## ATTACHMENTS

*Figure 1. USGS Map*

*Figure 2. Draft Project Design Map*

*SCIC records search Confirmation*

*NAHC Sacred Lands File Results*



**DUDEK**

 Project Access  Project Parcel

8896

NLP Granger A82 LLC Project

SOURCE: USGS Maps

Pala, California USGS Quad; T10S, R2W; Sections 26, 27, and 35

1:24,000

FIGURE 1

**USGS Study Area Map**







*SCIC Records Search Confirmation*

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South Coastal Information Center  
San Diego State University  
5500 Campanile Drive  
San Diego, CA 92182-5320  
Office: (619) 594-5682  
www.scic.org  
scic@mail.sdsu.edu

## CALIFORNIA HISTORICAL RESOURCES INFORMATION SYSTEM CLIENT IN-HOUSE RECORDS SEARCH

**Company:** DUDEK  
**Company Representative:** SCOTT WOLF  
**Date:** 4/21/2015  
**Project Identification:** GRANGER SOLAR SURVEY PROJECT  
**Search Radius:** 1 mile

**Historical Resources:** SELF  
Trinomial and Primary site maps have been reviewed. All sites within the project boundaries and the specified radius of the project area have been plotted. Copies of the site record forms have been included for all recorded sites.

**Previous Survey Report Boundaries:** SELF  
Project boundary maps have been reviewed. National Archaeological Database (NADB) citations for reports within the project boundaries and within the specified radius of the project area have been included.

**Historic Addresses:** SELF  
A map and database of historic properties (formerly Geofinder) has been included.

**Historic Maps:** SELF  
The historic maps on file at the South Coastal Information Center have been reviewed, and copies have been included.

**Copies:** 15  
**Hours:** 1

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*NAHC Sacred Lands File Search Results*

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STATE OF CALIFORNIA

Edmund G. Brown, Jr., Governor

**NATIVE AMERICAN HERITAGE COMMISSION**

1550 Harbor Blvd., ROOM 100  
West SACRAMENTO, CA 95691  
(916) 373-3710  
Fax (916) 373-5471



July 2, 2015

Scott Wolf  
Dudek  
605 Third Street  
Encinitas, CA 92024

Sent by Fax: (760) 632-0164  
Number of Pages: 3

Re: Granger Solar Project, San Diego County.

Dear Mr. Wolf,

A record search of the sacred land file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe or group. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 373-3712.

Sincerely,

A handwritten signature in cursive script that reads "Katy Sanchez".

Katy Sanchez  
Associate Government Program Analyst

**Native American Contact List  
San Diego County  
July 1, 2015**

**Pala Band of Mission Indians**  
Shasta Gaughen, PhD, THPO  
PMB 50, 35008 Pala-Temecula Luiseno  
Pala, CA 92059 Cupeno  
sgaughen@palatribe.com  
(760) 891-3515

(760) 742-3189 Fax

**Pauma & Yuima Reservation**  
Randall Majel, Chairperson  
P.O. Box 369 Luiseno  
Pauma Valley CA 92061  
(760) 742-1289 ext 317

(760) 742-3422 Fax

**Pechanga Band of Mission Indians**  
Paul Macarro, Cultural Resources Manager  
P.O. Box 1477 Luiseno  
Temecula, CA 92593  
pmacarro@pechanga-nsn.gov  
(951) 770-8100

(951) 506-9491 Fax

**Rincon Band of Mission Indians**  
Jim McPherson, Tribal Historic Pres. Officer  
1 West Tribal Road Luiseno  
Valley Center, CA 92082  
vwhipple@rincontribe.org  
(760) 297-2635

(760) 297-2639 Fax

**Soboba Band of Mission Indians**  
Rosemary Morillo, Chairperson; Attn: Carrie Garcia  
P.O. Box 487 Luiseno  
San Jacinto, CA 92581 Cahuilla  
carrieg@soboba-nsn.gov  
(951) 654-2765

(951) 654-4198 Fax

**Pauma Valley Band of Luiseño Indians**  
Bennae Calac  
P.O. Box 369 Luiseno  
Pauma Valley CA 92061  
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**Pauma & Yuima**  
ATTN: EPA  
P.O. Box 369 Luiseno  
Pauma Valley CA 92061  
kymberli\_peters@yahoo.com  
(760) 742-1289

(760) 742-3422 Fax

**Rincon Band of Mission Indians**  
Bo Mazzetti, Chairperson  
1 West Tribal Road Luiseno  
Valley Center, CA 92082  
bomazzetti@aol.com  
(760) 749-1051

(760) 749-8901 Fax

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of the statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 6097.98 of the Public Resources Code.

This list is only applicable for contacting localive Americans with regard to cultural resources for the proposed Granger Solar Project, San Diego County.

**Native American Contact List  
San Diego County  
July 1, 2015**

San Luis Rey Band of Mission Indians  
Tribal Council  
1889 Sunset Drive Luiseno  
Vista , CA 92081  
cjmojado@slrmissionindians.org  
(760) 724-8505  
  
(760) 724-2172 Fax

Pauma & Yuima Reservation  
Charles Devers, Cultural Committee  
P.O. Box 369 Luiseno  
Pauma Valley CA 92061  
(760) 742-1289  
  
(760) 742-3422 Fax

San Luis Rey Band of Mission Indians  
Cultural Department  
1889 Sunset Drive Luiseno  
Vista , CA 92081 Cupeno  
cjmojado@slrmissionindians.org  
(760) 724-8505  
  
(760) 724-2172 Fax

Soboba Band of Luiseno Indians  
Joseph Ontiveros, Cultural Resource Department  
P.O. BOX 487 Luiseno  
San Jacinto , CA 92581 Cahuilla  
jontiveros@soboba-nsn.gov  
(951) 663-5279  
(951) 654-5544, ext 4137  
(951) 654-4198 Fax

Pechanga Band of Mission Indians  
Mark Macarro, Chairperson  
P.O. Box 1477 Luiseno  
Temecula , CA 92593  
mgoodhart@pechanga-nsn.  
(951) 770-6100  
  
(951) 695-1778 Fax

La Jolla Band of Mission Indians  
Lavonne Peck, Chairwoman  
22000 Highway 76 Luiseno  
Pauma Valley CA 92061  
Rob.roy@lajolla-nsn.gov  
(760) 742-3771  
  
(760) 742-1704 Fax

**This list is current only as of the date of this document.**

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