



**SEMI-ANNUAL CULTURAL RESOURCES REPORT
FOR THE PURPLE LINE EXTENSION SECTION 1,
LOS ANGELES, CALIFORNIA FOR THE PERIOD
JULY 1, 2017 TO DECEMBER 31, 2017**

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METRO and FTA

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Sites: Ranching Remnants (no permanent number yet assigned)

USGS Quadrangle: Hollywood, Beverly Hills

Area: 4 linear miles

Key Words: historic Hammel and Denker Ranch, Beverly Hills

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SUMMARY OF FINDINGS

This document provides information on Cultural Resources work on the Purple Line Extension Segment 1 from July through December 2017. Section 1 includes the Division 20 yard, the drop shaft at Western and stations at La Brea Avenue, Fairfax Avenue and La Cienega Avenue. No work has yet occurred at Western but work did occur at La Brea, Fairfax and La Cienega Stations. Work included Cultural Resources Awareness Training, responding to unanticipated discoveries and limited monitoring.

Cultural Resources Awareness Training was delivered to 137 project personnel in this period. No adverse effects on historic buildings adjacent to project excavations have been reported to date.

No artifacts were been recovered at La Brea Station in this period. Two isolated partial glass bottles were recovered together from a spoils pile at Fairfax Station. These isolates have no markings but can be generally dated by to the late 19th to early 20th century.

La Cienega Station has a recorded archaeological site called Ranching Remnants. Artifacts and cow bones associated with this site have been found beneath Wilshire Blvd. and the sidewalk from depths of 1.5 ft. to 5 ft. Additional cow elements have been recovered in the last half of 2017 and will be added to the record.

Two finds consist entirely of small terracotta pots ranging in diameter at the rim of 2.75 to 4.5 inches. These do not appear historic and are considered modern. One isolate is a historic railroad spike and another isolate is a circa 1980 Coca-Cola can.

The Ranching Remnants from La Cienega Station continue to be the only materials meeting requirements for a site. The record will be updated once paleontological sediments are reached for the station. All other materials were either modern or isolates and do not require any further consideration.

No prehistoric isolates or sites have been observed. No adverse effects on historic properties adjacent to station box excavations have been reported to date.

The recommendation that the Ranching Remnants site does not contribute important new information and is not eligible for the National or California Registers remains the same.

INTRODUCTION

This document provides information on Cultural Resources work on the Purple Line Extension Segment 1 from July through December 2017. Work included Cultural Resources Awareness Training, responding to unanticipated discoveries and limited monitoring. Cogstone is notifying Metro and FTA of all discoveries via email within 24 hours and maintaining an archive of field dailies and photographs.

PROJECT DESCRIPTION

The Purple Line Extension Project Section 1 is located in western Los Angeles County and includes portions of the Cities of Los Angeles and Beverly Hills (Figure 1). The Section 1 Alignment would extend heavy rail transit, in subway, from the existing Metro Purple Line Wilshire/Western Station to the new La Cienega Station, a distance of approximately four miles. The separated right-of-way is all in a tunnel, with the top of the tunnel at least 30 feet below the ground surface. Segment 1 includes the Division 20 yard, the drop shaft at Western and stations at La Brea Avenue, Fairfax Avenue and La Cienega Avenue.

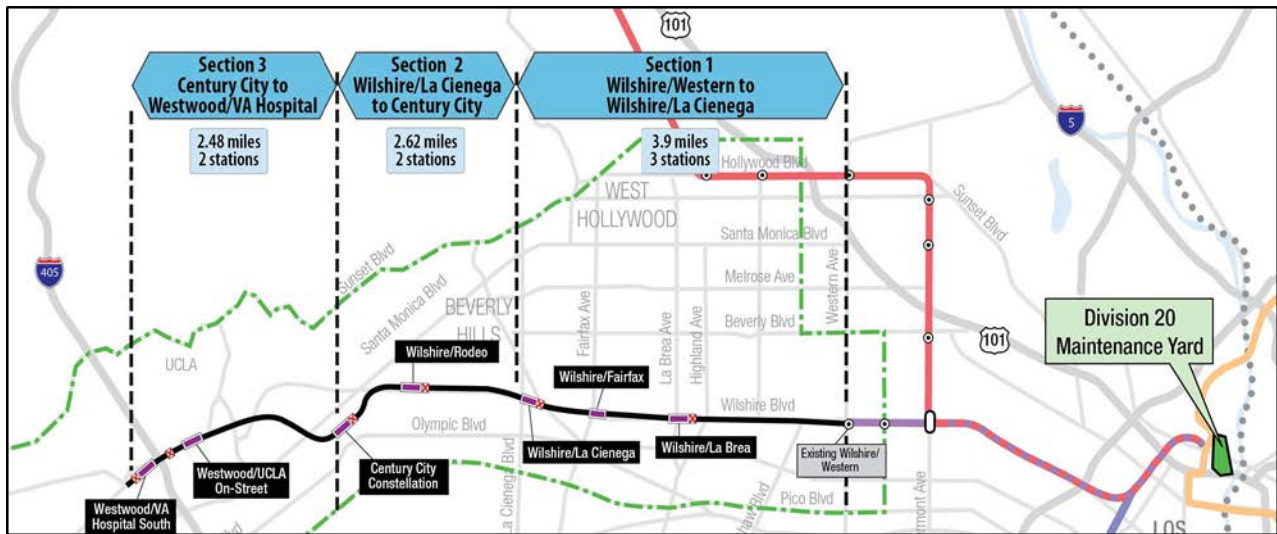


Figure 1. Project location

AREA OF POTENTIAL EFFECTS

The area of potential effects was defined as a corridor of 100 ft. along the subway alignment and for maintenance facilities for archaeological resources and was limited to one parcel past the

limits of the above ground improvements for architectural resources (MOA 2012) which is effectively a 500 ft. radius around the station boxes (Figure 2). Historic buildings are shown (refer to Figure 2 and Table 1). Work occurred only in Section 1 in the last half of 2017. No work has yet occurred at Western but work did occur at La Brea, Fairfax and La Cienega Stations.

Table 1. List of Historic Buildings in Section 1 APE

Resource Identifier	Common Name	Primary No.	Street Address	APN
WSE 18	Fine Arts Theater	P-19-177314	8554 Wilshire Blvd	4333-018-030
WSE 21	Fox Wilshire (now Saban) Theater	P-19-177313	8430 Wilshire Blvd	4333-029-018
WSE 23	Johnie's Coffee Shop	P-19-189263	6101 Wilshire Blvd	5510-027-035
WSE 24	May Company Wilshire (LACMA West)	P-19-173051	6067 Wilshire Blvd	5508-017-007
WSE 25	Art Deco-style commercial building	P-19-175237	5350-5354 Wilshire Blvd	5089-002-002 and 5089-002-003
WSE 26	Darkroom Photography Store façade	P-19-171001	5366-5376 Wilshire Blvd	5089-002-022
WSE 27	Art Deco-style commercial building	P-19-175235	5400-5420 Wilshire Blvd	5089-003-008
WSE 28	International Modern-era style commercial building	P-19-188522	4201 Wilshire Blvd	5504-008-009
WSE 29	Los Altos Hotel and Apartments	P-19-173428	4121 Wilshire Blvd	5504-009-002
WSE 30	Wiltern Theater	P-19-170997	3780 Wilshire Blvd	5093-006-030
WSE 31	Pierce National Life	P-19-189262	3807 Wilshire Blvd	5503-031-001
WSE 89	Beverly Hills Porsche	P-19-177312	8423 Wilshire Blvd., Beverly Hills	4334-022-060
WSE 90	Security National Bank Building / Zephyr Club	P-19-170998	5209 Wilshire Blvd., LA	5507-023-017
WSE 94	Clem Wilson /Mutual of Omaha Building	P-19-173045	5217-5231 Wilshire Blvd., 672-682 S. La Brea Ave., LA	5507-023-018
WSE 96	Art Deco-style commercial building	P-19-189315	8400 Wilshire Blvd., Beverly Hills	4333-029-015

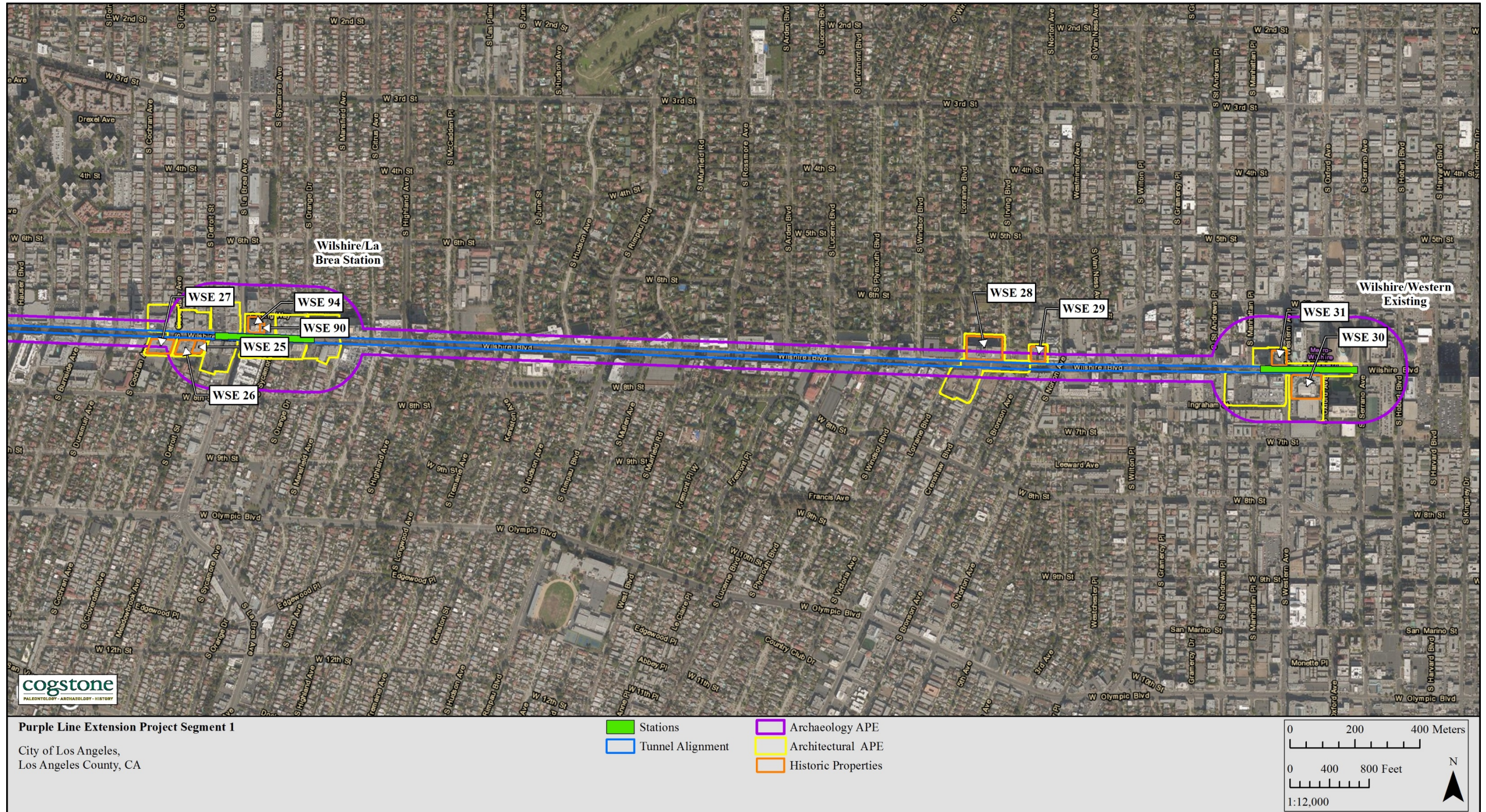


Figure 2a. APE Map Eastern Half

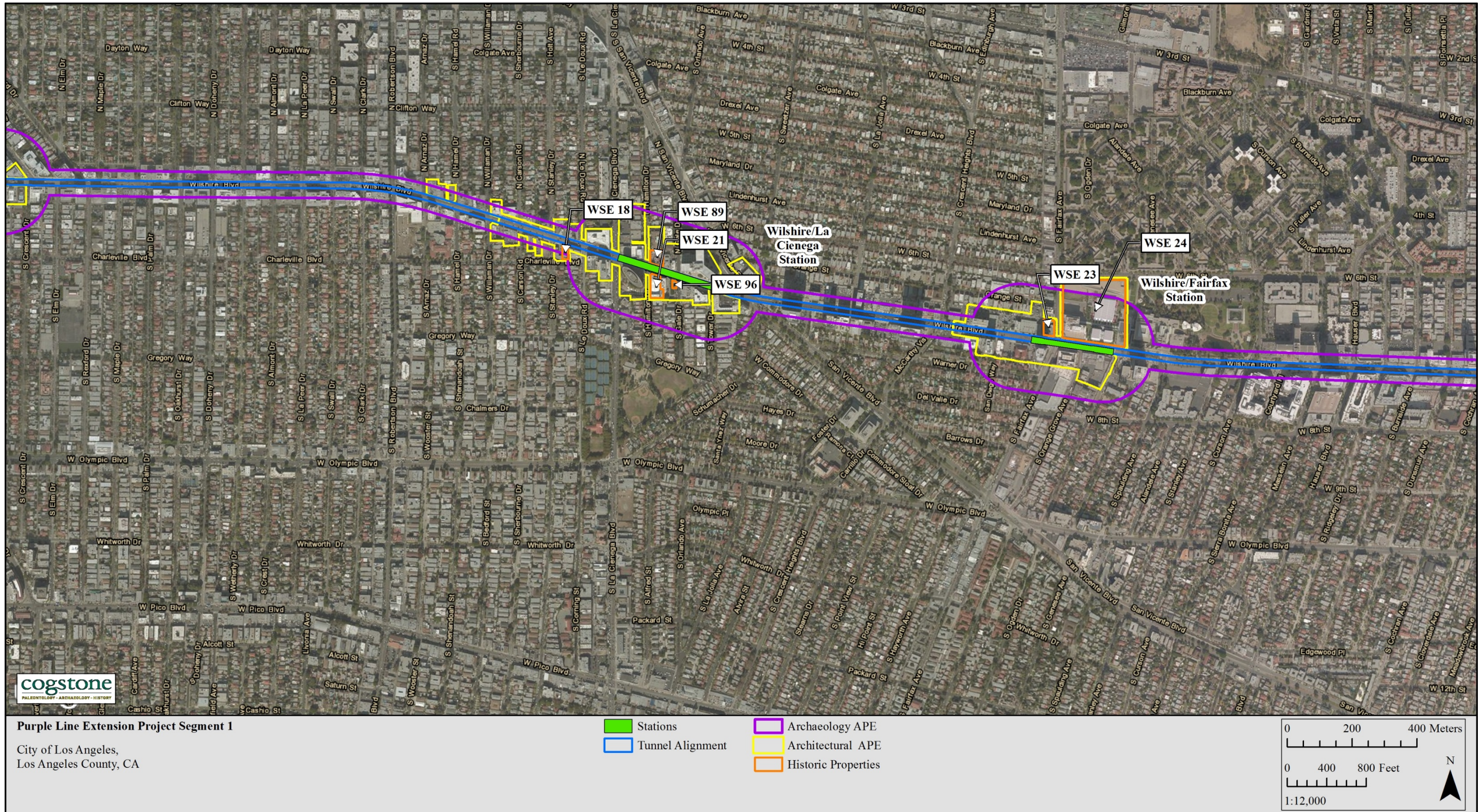


Figure 2b. APE Map Western Half

PROJECT PERSONNEL

Name	Role	Highest Degree Earned	Years of Experience
Sherri Gust	Principal Investigator	MS	38
Time Spillane	Historical Archaeologist	MA	6
Holly Duke	Supervisor	BA	6
Andre Simmons	GIS Supervisor	MA	7
Molly Valasik	GIS Supervisor	MA	10
Megan Wilson	GIS Technician	MA	10
Summer Austin	Monitor	MSc	3
Alexis Francois	Monitor	BA	<1
Jennifer McElhoes	Monitor	MA	3
Janell Mort	Monitor	MA	13
Cassidy Sharp	Monitor	MSc	3
Marc Serrano	Monitor	BA	3

CULTURAL RESOURCES REQUIREMENTS

CULTURAL RESOURCE MONITORING AND MITIGATION PLAN

One historic building in Section 1 was originally slated to be altered: the LACMA West May Company. This impact was removed from the project through redesign and FTA/SHPO were formally notified.

Monitoring is on-call for unanticipated discoveries. The Cultural Resources Monitoring and Mitigation Plan (CRMMP; Gust et al. 2015) provides that if FTA and Metro determine that project activities will affect a previously unidentified property eligible for the NRHP or affect a known historic property in an unanticipated manner, then FTA and Metro will address the discovery or unanticipated effect in accordance with federal laws. Metro must notify FTA and SHPO within 48 hours of the discovery. FTA may, at its discretion, assume any unanticipated discovered property to be NRHP eligible.

For properties determined or assumed NRHP eligible, Metro will notify FTA, SHPO and ACHP by email or phone of the actions proposed to avoid, minimize or mitigate adverse effects. FTA will permit consulting parties 48 hours to provide comments on the proposed actions. Metro must have FTA approval before implementing the proposed actions and will ensure the actions are completed prior to resuming construction activities in the location of the discovery.

NATIVE AMERICAN CULTURAL RESOURCES

The treatment of Native American cultural resources will be conducted in compliance with requirements included in the Project CRMMP. Metro will ensure that the expressed wishes of Native American individuals, tribes, and organizations are taken into consideration when decisions are made regarding the disposition of other Native American archaeological materials and records relating to Indian tribes.

Should Indian burials be discovered during construction of the project, state law requires notification to the county coroner. If the county coroner determines that the human remains are, or may be, of Native American origin, then the discovery shall be treated in accordance with the provisions of section 5097.8 (a)-(d) of the California Public Resources Code. This requires notification to the Native American Heritage Commission which then appoints a Most Likely Descendent to represent the ancestral remains. The MLD has a limited time period in which to consult with FTA/Metro regarding treatment and reburial.

METHODS

CULTURAL RESOURCES AWARENESS TRAINING

This training was developed for PLE by the authors of the CRMMP and is required for all personnel involved in excavation activities. The training is delivered using a PowerPoint presentation with audio embedded. Metro personnel ensure that all attendees sign to acknowledge the training and their responsibilities and ensure that all signature sheets are maintained in an archive (Table 2).

Table 2. Trainees

Month	Number Trained
July	40
August	32
September	23
October	12
November	17
December	13
Total	137

FIELDWORK

Monitoring of construction activities functions to ensure archaeological materials not previously exposed would be identified, assessed and impacts mitigated in order to preserve and/or extract the maximum scientific value of the resource. The monitor works closely with construction crews in close proximity to earth moving equipment in order to investigate and evaluate exposed materials immediately upon exposure and prior to disturbance. A daily log is maintained by the monitor to record when and where earth moving activities take place within the project area, as well as the presence/absence of archaeological materials in the monitored matrix.

Archaeological monitoring took place as response to discoveries or spot checking basis from July 1 until September 20, 2017. Upon discovery of additional historic-era cow bones at La Cienega Station on September 20, the principal investigator required full-time monitoring of excavations at that station only. No work occurred from December 22 to December 31. See Table 3.

Table 3. Monitoring Presence

DATE	RESOURCES OBSERVED	NAME	SHIFT	STATION
8/10/2017	none	J. Mort	Swing	La Cienega
8/11/2017	none	A. Francois	Day	La Cienega
9/6/2017	none	F. Palacios	Day	La Cienega & Fairfax
9/14/2017	none	S. Austin	Day	La Brea & La Cienega
9/16/2017	none	S. Austin	Day	La Brea & La Cienega
9/18/2017	none	S. Austin	Day	La Brea & La Cienega
9/19/2017	none	S. Austin	Day	La Brea & La Cienega
9/20/2017	2017_09_20_SA.1 cow remains (uncollected due to depth in trench)	S. Austin	Day	La Cienega
9/25/2017	none	S. Austin	Day	La Cienega
10/2/2017	none	M. Serrano	Day	La Cienega
10/3/2017	none	M. Serrano	Day	La Cienega
10/4/2017	none	M. Serrano	Day	La Cienega
10/5/2017	none	M. Serrano	Day	La Cienega
10/6/2017	none	J. Mort	Swing	La Cienega
10/6/2017	none	F. Palacios	Graveyard	La Cienega
10/7/2017	none	A. Francois	Day	La Cienega
10/9/2017	none	M. Serrano	Day	La Cienega
10/10/2017	none	M. Serrano	Day	La Cienega
10/11/2017	none	M. Serrano	Day	La Cienega
10/12/2017	none	M. Serrano	Day	La Cienega
10/13/2017	none	F. Palacios	Graveyard	La Cienega
10/13/2017	none	M. Serrano	Swing	La Cienega
10/14/2017	none	A. Francois	Day	La Cienega
10/14/2017	none	S. Austin	Swing	La Cienega
10/15/2017	none	A. Francois	Day	La Cienega
10/16/2017	none	M. Serrano	Day	La Cienega
10/17/2017	2017_10_17_MES.1 cow bone	M. Serrano	Day	La Cienega
10/18/2017	none	F. Palacios	Swing	La Cienega
10/18/2017	none	M. Serrano	Day	La Cienega
10/19/2017	none	M. Serrano	Day	La Cienega
10/20/2017	none	S. Austin	Day	La Cienega
10/20/2017	none	J. Mort	Graveyard	La Cienega
10/20/2017	none	M. Serrano	Swing	La Cienega
10/21/2017	none	A. Francois	Day	La Cienega
10/23/2017	none	S. Austin	Day	La Cienega
10/24/2017	none	S. Austin	Day	La Cienega
10/25/2017	none	S. Austin	Day	La Cienega
10/26/2017	2017_10_26_SA.1 cow vertebra	S. Austin	Day	La Cienega
10/26/2017	none	J. Mort	Swing	La Cienega
10/26/2017	2017_10_26_JAB.1 glass bottle fragments	J. Basuga	Day	Fairfax
10/27/2017	2017_10_27_MES.1 terracotta pots	M. Serrano	Graveyard	La Cienega
10/27/2017	none	J. Mort	Swing	La Cienega
10/28/2017	2017_10_28_ANF.1 cow metatarsal	A. Francois	Day	La Cienega
10/30/2017	none	S. Austin	Day	La Cienega
10/31/2017	none	S. Austin	Day	La Cienega
11/1/2017	none	S. Austin	Day	La Cienega
11/2/2017	none	S. Austin	Day	La Cienega
11/2/2017	none	J. Mort	Swing	La Cienega
11/3/2017	none	J. Mort	Swing	La Cienega

DATE	RESOURCES OBSERVED	NAME	SHIFT	STATION
11/3/2017	none	S. Austin	Day	La Cienega
11/3/2017	none	M. Serrano	Graveyard	La Cienega
11/4/2017	none	A. Francois	Day	La Cienega
11/5/2017	none	A. Francois	Day	La Cienega
11/6/2017	none	S. Austin	Day	La Cienega
11/7/2017	none	S. Austin	Day	La Cienega
11/8/2017	none	S. Austin	Day	La Cienega
11/9/2017	none	S. Austin	Day	La Cienega
11/13/2017	none	S. Austin	Day	La Cienega
11/14/2017	none	S. Austin	Day	La Cienega
11/15/2017	none	S. Austin	Day	La Cienega
11/16/2017	none	S. Austin	Day	La Cienega
11/17/2017	2017_11_17_ANF.1 historic rail spike	A. Francois	Day	La Cienega
11/17/2017	none	M. Serrano	Graveyard	La Cienega
11/17/2017	none	J. Mort	Swing	La Cienega
11/18/2017	2017_11_18_ANF.1 terracotta pots	A. Francois	Day	La Cienega
11/19/2017	none	A. Francois	Day	La Cienega
11/20/2017	none	M. Serrano	Day	La Cienega
11/21/2017	none	M. Serrano	Day	La Cienega
11/22/2017	none	C. Sharp	Day	La Cienega
11/27/2017	none	C. Sharp	Day	La Cienega
11/28/2017	none	C. Sharp	Day	La Cienega
11/29/2017	none	A. Francois	Day	La Cienega
11/30/2017	none	C. Sharp	Day	La Cienega
12/1/2017	none	C. Sharp	Day	La Cienega
12/1/2017	none	J. Mort	Swing	La Cienega & Fairfax
12/1/2017	2017_12_01_MES.1 Coca-Cola can	M. Serrano	Graveyard	La Cienega
12/2/2017	none	A. Francois	Day	La Cienega
12/4/2017	none	C. Sharp	Day	La Cienega
12/4/2017	none	J. Basuga	Day	La Cienega
12/5/2017	none	C. Sharp	Day	La Cienega
12/6/2017	none	A. Francois	Day	La Cienega
12/7/2017	none	S. Austin	Day	La Cienega
12/8/2017	none	F. Palacios	Graveyard	La Cienega
12/8/2017	none	S. Austin	Day	La Cienega
12/8/2017	none	J. Mort	Swing	La Cienega
12/9/2017	none	A. Francois	Day	La Cienega
12/10/2017	none	A. Francois	Day	La Cienega
12/11/2017	none	C. Sharp	Day	La Cienega
12/12/2017	none	C. Sharp	Day	La Cienega
12/13/2017	none	S. Austin	Day	La Cienega
12/14/2017	none	S. Austin	Day	La Cienega
12/15/2017	none	M. Serrano	Graveyard	La Cienega
12/15/2017	none	S. Austin	Day	La Cienega
12/15/2017	none	J. Mort	Swing	La Cienega
12/16/2017	none	A. Francois	Day	La Cienega
12/17/2017	none	A. Francois	Day	La Cienega
12/20/2017	none	S. Austin	Day	La Cienega
12/21/2017	none	S. Austin	Day	La Cienega

LABORATORY METHODS

ARTIFACT CLASSIFICATION

Artifacts were classified and cataloged according to function (Table 4). This classification system has been adapted to California sites and has a long history of utility and comparability (Praetzellis et al. 2004:117). Category, class and subclass were the three main categories into which each artifact was placed. Other diagnostic information such as material type, pattern name and manufacture date were included wherever possible. An abbreviated catalog is attached (Appendix A).

Table 4. Artifact Catalog Categories

GROUP	CLASS	ITEM EXAMPLES
Activities	Commerce	coins
	Entertainment	gaming pieces, harmonicas
	Firearms	bullets, cartridges, casings
	Tools	knives, padlocks
	Reading	newspaper
	Writing	ink bottle, pen, nib
Domestic	Food Prep/Consumption	bowls, teapots
	Food/Food Storage	animal bone, beverage bottles, crocks
	Furnishings	flower pots
Indefinite Use	Misc. Beads	beads w/ more than one original use
	Misc. Closures	closures assoc. w/ unidentified contents
	Misc. Containers	containers w/ unidentified contents
	Misc. Metal Items	hardware w/ more than one original use
Industrial	Machinery	battery
Personal	Accoutrements	coin purse frames, eyeglasses, jewelry
	Clothing	buttons, buckles, hats
	Footwear	shoes
	Grooming/Health	perfume bottles, pharmaceutical vials
	Social Drugs	opium paraphernalia, alcohol bottles
	Toys	marbles
	Bedding	blankets
Structural	Hardware	screws, nails
	Materials	tile, insulators
Undefined Use		unidentified items (amorphous metal, slag)

TYPE SPECIFIC PROCESSING

The following is a description of what types of artifacts were recovered under each material type, cleaning procedures for each material.

Metal

Identifiable metal artifacts were washed or dry-brushed. Amorphous and non-diagnostic fragments were entered into the catalog and discarded.

Ceramics

All ceramics were washed for identification. Fragments smaller than an inch in diameter and with no markings, decoration or unusual qualities were entered into the catalog and discarded. Rim diameter was determined using a diameter template.

Glass

All glass was washed for identification. Glass fragments smaller than an inch in diameter and with no markings, decoration or unusual qualities were entered into the catalog and discarded.

Faunal

Faunal remains were washed for identification. Unidentifiable fragments were entered into the catalog and discarded.

Miscellaneous

Depending on fragility, some materials were dry brushed for identification while the other materials were washed for identification. Non-diagnostic fragments less than an inch in diameter were entered into the catalog and discarded.

ARTIFACT IDENTIFICATION

Artifacts were identified using numerous resources in the company library and online and the experience of project personnel.

OBSERVED AND RECOVERED ARTIFACTS

LA BREA STATION

No artifacts were been recovered at La Brea Station as all work has been in paleontological sediments since late 2016 and excavation is nearly complete.

FAIRFAX STATION

Two isolated historic artifacts were recovered together from a spoils pile at Fairfax Station on October 26, 2017. Both are shoulder, neck and lip (finish) segments of glass bottles.

One is of amber glass with a bead finish (Figure 3). The neck is 7/8" inch long and the shoulders flare rather than gradually increasing in diameter. The shape of the bottle was round. This is

consistent with general use bottles. The shoulder has seams but the neck and finish do not. This indicates the bottle was blown into a mold and the neck and finished added by hand. There are no markings. The bottle can be generally dated to the late 19th to early 20th Century.



Figure 3. Amber Glass Partial Bottle

The other is pale aqua glass with a crown finish (Figure 4). The crown finish was patented in 1892 and served to provide to a reinforced top with an upper locking ring to accept a metal cap. It did not enjoy widespread use until the invention of automatic bottle making machines. This finish is on this color of glass is typical of soda and mineral water bottles. The color of the glass is the most common type made in American prior to the 1920s. No color elements were added, rather this was colorless glass with mineral components that when heated gave it a color ranging from pale green to aqua. There are no markings. The bottle can be generally dated to the late 19th to early 20th Century.



Figure 4. Aqua Glass Partial Bottle

LA CIENEGA STATION

There are now six loci with artifacts from La Cienega Station (Table 5, Figure 5). In addition, several artifacts have been found in mechanical excavation spoils piles and thus were not *in situ* when recovered.

Table 5. La Cienega Artifact Loci

LC Loci	Description	Field Number	Year
1	cow bones, partial skeleton	2015_12_18_KMS.01	2015
2	historic farm cache	2016_04_18_MES.01	2016
3	cow bones-numerous	2017_06_27_KMS.01	2017
4	terracotta pots	2017_10_27_MES.01	2017
5	terracotta pots	2017_11_18_ANF.01	2017
6	pull top coke can	2017_12_01_MES.01	2017
Not in situ	cow bone, metatarsal	2017_09_20_SA.01	2017
Not in situ	railroad spike	2017_11_17_ANF.01	2017
Not in situ	cow vertebra	2017_10_26_SA.01	2017
Not in situ	cow metatarsal	2017_10_28_ANF.01	2017

Loci 1 and 2 were observed and collected in 2015 and 2016 respectively and were reported on previously (Furnis et al. 2017). They consisted of a partial historic cow skeleton and a few rusted metal farming implements. They were formally recorded as an archaeological site informally called Ranching Remnants. Locus 3 and Locus 4 consist of additional historic cow bones as do the not *in situ* specimens. Small terra cotta plant pots make up Loci 5 and 7. Locus 6 is a single railroad spike and Locus 8 is a single flattened coke can.

The history of the La Cienega Station area was reviewed in Furnis et al. (2017) and is summarized here. The land was a Mexican era rancho called El Rodeo de las Aguas and then became the Hammel and Denker Ranch in the American era. The ranch raised beef cattle and dairy cattle, grain and beans. Horses were also raised for transportation and racing. In 1900 the ranch was sold to an oil company but no strikes were made and it was reorganized as a land company that founded Beverly Hills. In 1906 Wilshire Blvd. did not yet exist in the project area and La Cienega Avenue did not exist until 1921. Historic maps indicate the station area was developed in the mid-1920s for commercial use and was never residential.

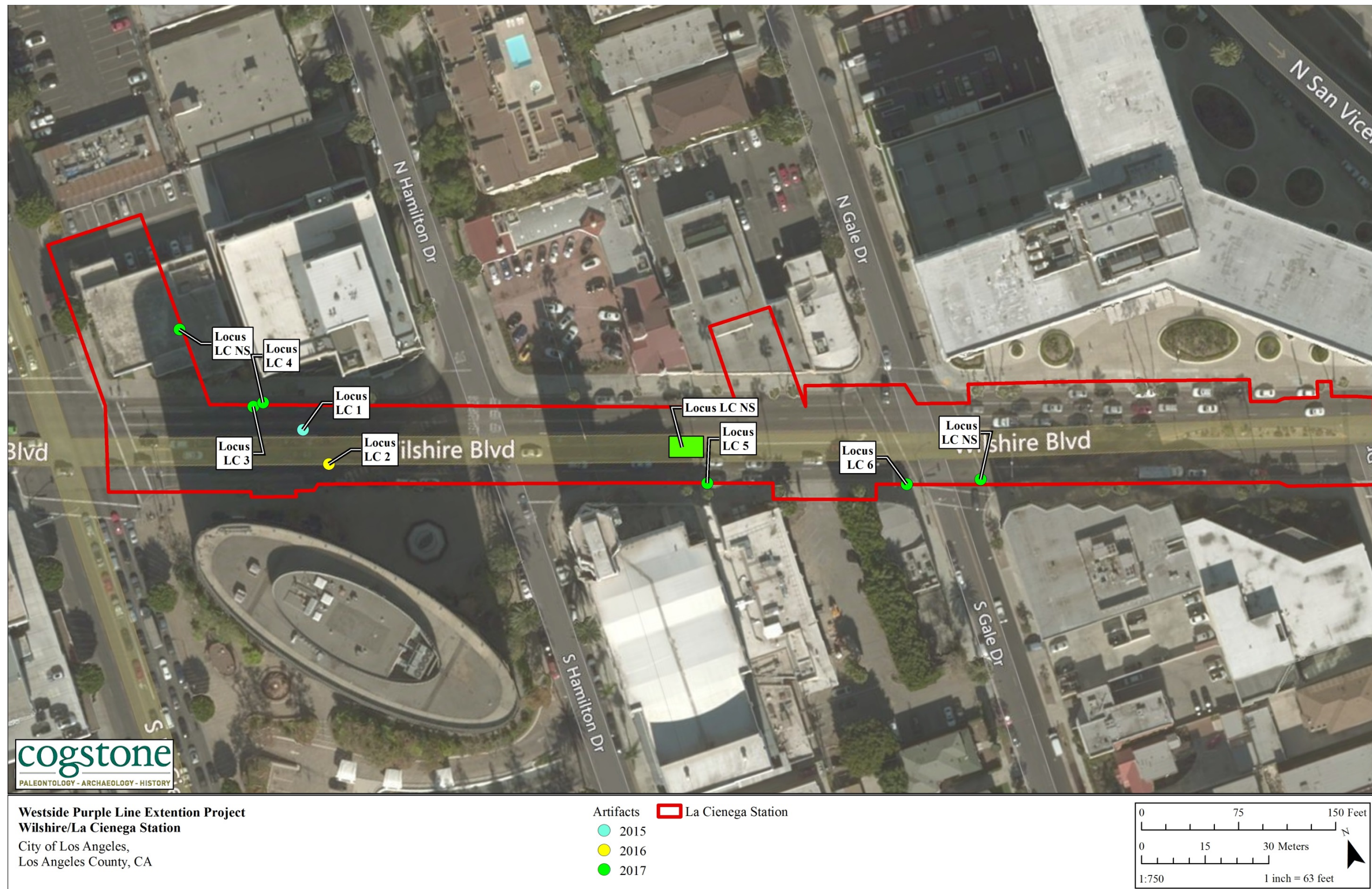


Figure 5. Map of La Cienega Station Loci

Cow bones were present at depths varying from 1.5 to 5 feet. This includes Loci 1 and 3 and the not *in situ* specimens. The cattle recovered appear to represent females (Figure 6) and may represent dairy operations. All the cattle bone will be added to the Ranching Remnants site record.



Figure 6. Two cow metacarpals (fore hoof bones)

Locus 4 clay pots were at a depth of 9.7 feet below the surface while the Locus 5 clay pots were at about 3.3 feet. The terracotta pots range in size from 2.75 to 4.5 inches in diameter at the rim (Figure 7). Since there were never residences or any type of gardening store in the station area, the association of these pots is unknown.



Figure 7. Representative Terracotta Pots

The Coca-Cola can of Locus 6 was found 8.4 feet below the surface (Figure 8). The can is typical of Coke cans from the 1980s and shows deterioration consistent with that age. The depth of location indicates prior ground disturbance. Isolate artifacts, by definition, do not meet significance criteria.



Figure 8. Coca-Cola can

The railroad spike (Figure 9) seems likely to have been transported into the project area by people as no rail lines ever ran in the immediate area. The nearest rail line was three blocks east of La Cienega Avenue for the Pacific Electric Railway. Isolate artifacts, by definition, do not meet significance criteria.



Figure 9. Railroad Spike

CONCLUSIONS

The Ranching Remnants from La Cienega Station continue to be the only materials meeting requirements for a site. The record will be updated once paleontological sediments are reached for the station. All other materials were either modern or isolates and do not require any further consideration.

No prehistoric isolates or sites have been observed. No adverse effects on historic properties adjacent to station box excavations have been reported to date.

RECOMMENDATIONS

The recommendation that the Ranching Remnants site does not contribute important new information and is not eligible for the National or California Registers remains the same.

REFERENCES CITED

Gust, S., N. Sikes and P. Daly

2015 Cultural Resources Monitoring and Mitigation Plan for the Los Angeles County Metropolitan Transportation Authority Westside Purple Line Extension Project, Los Angeles, Los Angeles County, California. May 2014, revised March 2015. On file with South Central Coastal Information Center and METRO.

Furnis, L., T. Spillane and S. Gust

2017 Historical Archaeological Discoveries at La Cienega Station, Beverly Hills, California. On file with METRO and FTA.

MOA

2012 Memorandum of Agreement between the Federal Transit Administration and the California State Historic Preservation Officer regarding the Los Angeles Westside Subway Extension Project, Los Angeles County, California. In Cultural Resources Monitoring and Mitigation Plan for the Los Angeles County Metropolitan Transportation Authority Westside Purple Line Extension Project, Los Angeles, Los Angeles County, California as Appendix A.

Praetzellis, M., E.S.Gibson, et al., Eds.

2004 SF-80 Bayshore Viaduct Seismic Retrofit Projects Report on Construction Monitoring, Geoarchaeology, and Technical and Interpretive Studies for Historical Archaeology, Sonoma State University Anthropological Studies Center. On file at North Central Information Center and Caltrans.

APPENDIX A. ABBREVIATED CATALOG

Cat No	Locus	Station	Depth (feet)	Group	Class	Item	Material Type	Sub-Type	Qty
PLE-001	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	fragments	6
PLE-002	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	fragments	20
PLE-003	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	shaft fragments	10
PLE-004	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	cancellous bone fragments	1
PLE-005	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	cancellous bone fragments	20
PLE-006	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	cancellous bone fragments	250
PLE-007	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	phalanx, distal	1
PLE-008	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	phalanx, medial	1
PLE-009	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	phalanx, medial	1
PLE-010	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	phalanx, medial	1
PLE-011	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	podial, distal end	1
PLE-012	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	podial	1
PLE-013	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	phalanx, proximal	1
PLE-014	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	sesamoid, distal	1
PLE-015	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	sesamoid	1
PLE-016	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	carpal, radial	1
PLE-017	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	carpal, intermediate	1
PLE-018	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	metacarpal, fourth	1
PLE-019	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	metacarpal	1
PLE-020	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	fibula, distal end	1
PLE-021	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	fibula, shaft	1
PLE-022	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	patella	1
PLE-023	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	tibia, proximal	1
PLE-024	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, vertebral end	1
PLE-025	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, angle	1
PLE-026	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, shaft	3
PLE-027	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, proximal end	1
PLE-028	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, shaft, proximal end	1
PLE-029	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, proximal end	1
PLE-030	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, costal cartilage	1
PLE-031	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	rib, costal cartilage	2
PLE-032	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, transverse process	2
PLE-033	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, spinous process	1

Cat No	Locus	Station	Depth (feet)	Group	Class	Item	Material Type	Sub-Type	Qty
PLE-034	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, proximal articular surface	1
PLE-035	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra	1
PLE-036	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, proximal articular surface	1
PLE-037	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, caudal	1
PLE-038	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, cervical, 1, atlas	1
PLE-039	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, thoracic	1
PLE-040	1	La Cienega	3	Faunal	Mammalia	Bone, cow	bone	vertebra, thoracic	1
PLE-041	1	La Cienega	3	Faunal	Mammalia	Bone, mouse	bone	mandible	1
PLE-042	NS	La Brea	NS	Miscellaneous Containers	Undefined Use	Bottle	glass	pale aqua, flared finish	1
PLE-043	2	La Cienega	1.25	Activities	Undefined Use	Shovel Blade	metal	ferrous	1
PLE-044	2	La Cienega	1.25	Structural	Undefined Use	Indeterminate	metal	ferrous	1
PLE-045	2	La Cienega	1.25	Structural	Undefined Use	Pipe or Sleeve	metal	ferrous	1
PLE-046	2	La Cienega	1.25	Structural	Undefined Use	Strap	metal	ferrous	1
PLE-047	2	La Cienega	1.25	Structural	Hardware	Bolt	metal	ferrous	1
PLE-048	2	La Cienega	1.25	Activities	Agriculture	Machine Blade	metal	ferrous	1
PLE-049	2	La Cienega	1.25	Activities	Agriculture	Machine Blade	metal	ferrous	1
PLE-050	2	La Cienega	1.25	Activities	Agriculture	Horseshoe	metal	ferrous	1
PLE-051	2	La Cienega	1.25	Activities	Agriculture	Horseshoe	metal	ferrous	1
PLE-052	3	La Cienega	5	Faunal	Mammalia	Bone, cow	bone	dentary	1
PLE-053	3	La Cienega	5	Faunal	Mammalia	Bone, cow	bone	scapula	1
PLE-054	3	La Cienega	5	Faunal	Mammalia	Bone, cow	bone	femur	1
PLE-055	3	La Cienega	5	Faunal	Mammalia	Bone, cow	bone	rib	1
PLE-056	NS	La Cienega	not in situ	Faunal	Mammalia	Bone, cow	bone	metatarsal	1
PLE-057	NS	La Cienega	5	Faunal	Mammalia	Bone, cow	bone	femur	1
PLE-064	NS	Fairfax	not in situ	Miscellaneous Containers	Undefined Use	Bottle, body, neck, finish	glass	pale aqua, crown finish	1
PLE-058	NS	Fairfax	not in situ	Miscellaneous Containers	Undefined Use	Bottle, body, neck, finish	glass	amber, bead finish	1
PLE-059	NS	La Cienega	~3	Faunal	Mammalia	Bone, cow	bone	vertebrae	3
PLE-060	4	La Cienega	9.7	Domestic	Gardening	pot, flower	clay	red	10

Cat No	Locus	Station	Depth (feet)	Group	Class	Item	Material Type	Sub-Type	Qty
PLE-061	NS	La Cienega	not in situ	Faunal	Mammalia	Bone, cow	bone	metatarsal	1
PLE-062	NS	La Cienega	not in situ	Transportation	Hardware	Spike, railroad	metal	ferrous	1
PLE-063	5	La Cienega	3.3	Domestic	Gardening	pot, flower	clay	red	27
PLE-064	6	La Cienega	8.4	Domestic	Food Storage	Can, soda	metal	aluminum, pull-tab, Coca-Cola	1