

APPENDIX E1
PALEONTOLOGICAL RECORDS SEARCH

Natural History Museum
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Research & Collections

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September 4, 2022

UltraSystems Environmental
Attn: Stephen O'Neil

re: Paleontological resources for the Valley Gardens Apartments Project (7190)

Dear Stephen:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Valley Gardens Apartments project area as outlined on the portion of the Sunnymead USGS topographic quadrangle map that you sent to me via e-mail on August 23, 2022. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County (NHMLA).

Locality Number	Location	Formation	Taxa	Depth
LACM VP 4540	junction of Jackrabbit Trail & Gilman Springs Road; San Jacinto Valley	Unnamed Formation (Pleistocene, gravel pit)	Horse family (Equidae)	Unknown
LACM VP 7618 - 7622, CIT132, CIT133	San Timoteo Badlands; E of Moreno & NW of Eden Hot Springs	San Timoteo Formation	Horse family (Equidae); Camel family (Camelidae)	Surface
LACM VP 1653; LACM IP 437	Saboba Indian Reservation; five miles east of San Jacinto	Unknown Formation (Pleistocene)	Monkfish (<i>Squatina</i>), Stickleback (<i>Gasterosteus</i>); Invertebrates – insect (<i>Sobobapteron kirkbayeri</i>), brachiopod (<i>Terebratalia hemphilli</i>)	Unknown
LACM VP 4619	Wineville Ave, Eastvale, CA	Unknown Formation (Pleistocene)	Mammoth (<i>Mammuthus</i>)	100 feet bgs
LACM VP 7811	W of Orchard Park, Chino Valley	Unknown formation (eolian, tan silt; Pleistocene)	Whip snake (<i>Masticophis</i>)	9-11 feet bgs
LACM VP 1207	Hill on east side of sewage disposal	Unknown formation (Pleistocene)	Bovidae	Unknown

plant; 1 mile N-NW
of Corona

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the NHMLA. It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Bureau of Land Management or Society of Vertebrate Paleontology standards.

Sincerely,

A handwritten signature in black ink that reads "Alyssa Bell". The signature is written in a cursive, flowing style.

Alyssa Bell, Ph.D.
Natural History Museum of Los Angeles County

enclosure: invoice