

APPENDIX D2

Paleontological Records Search

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Research & Collections

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January 27, 2022

VCS Environmental

Attn: Pat Maxon

re: Paleontological resources for the Anita Street Project

Dear Pat:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Anita Street Project area as outlined on the portion of the Laguna Beach USGS topographic quadrangle map that you sent to me via e-mail on January 17, 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 IP 24374	In sea cliffs near Cheney's Point	Topanga Formation (gray to brown sandstone)	Invertebrates (unspecified)	Unknown
LACM IP 2951	Near Laguna Beach (more precise location information not available)	Unknown formation (Miocene)	Invertebrates (unspecified)	Unknown
LACM VP: 4007	In the head of Rim Rock Canyon south of Temple Hill Drive & west of Top of the World on Temple Hill	Topanga Formation	Marine mammal (<i>Desmostylus</i>)	Unknown
LACM VP 3222	Two miles north of South Laguna; west of the drainage of Aliso Creek; southeast of Temple Hill	Topanga Formation (brecciated conglomeratic sandstone)	Marine mammal (<i>Desmostylus</i>)	Surface
LACM VP 1115	Near Salt Creek Trail in Salt Creek Corridor Regional Park; San Joaquin Hills	Pleistocene terrace deposit	Mammoth (<i>Mammuthus</i>)	Unknown
LACM IP 12651,	Crystal Cove State	Pleistocene Terrace	Invertebrates (unspecified)	Unknown

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. The name "Alyssa" is written in a larger, more prominent script than "Bell".

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

enclosure: invoice