

Appendix IS-7

Paleontological Records Search

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August 7, 2021

Eyestone Environmental
Attn: Frankie Tong

re: Paleontological resources for the 8th & Alameda Studios Project

Dear Frankie:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the 8th & Alameda Studios project area as outlined on the portion of the Los Angeles USGS topographic quadrangle map that you sent to me via e-mail on August 5, 2021. 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.

Locality Number	Location	Formation	Taxa	Depth
LACM VP 1755	Near 12th & Hill Sts, downtown LA	Unknown Formation (Pleistocene)	Horse (<i>Equus</i>)	43 ft bgs
17 localities	Downtown LA, within the area bounded by 7th St., Spring St., 3rd St., and Flower St.	Fernando Formation	Invertebrates, including <i>Crepidula princeps</i> and <i>C. grandis</i> ; <i>Haliotis</i> ; Mitraidae; and others	Localities with recorded depths range from 30 – 80 ft bgs
LACM VP 7730, LACM IP 7887	LAPD Headquarters; near 2nd St. and Spring St.	Fernando Formation; Repetto Member (massive clayey siltstone)	diversity of plant material & invertebrates as well as over 40 specimens of vertebrates: sharks; rays; bony fishes; bird; & marine mammals	Unknown (261-250 feet above sea level)
LACM VP 7990	Hall of Justice building	Puente Formation, Yorba Member (claystone; siltstone & sandstone layers)	Teleost fishes (viperfish [<i>Chauliodus</i>], cod [Gadiformes], herring/shad/sardines [Clupeidae], mackerel/tuna/bonito [Scombridae], slickheads [Alepocephalidae], smelts	Unknown depth (fossil layers at 257-321 ft above mean sea

			[Bathylagidae], herring smelt [Argentinidae], scaly dragonfish [Stomiatidae], bristlemouths [Gonostomidae])	level)
LACM VP 3868	Near 6th & Bixel Sts Los Angeles	Fernando Formation (upper member)	Great White shark (<i>Carcharodon sulcidens</i>)	Unknown (350 - 375 ft above sea level)
LACM VP 2032	Brickyard Mission Rd. & Daly St.	Unknown Formation (Pleistocene, silt & clay)	Mastodon (<i>Mammut</i>)	20-35 ft bgs
LACM VP 1893	Between Gramercy and Western Ave in Santa Monica Freeway cut	Unknown formation (Pleistocene, sands & gravel)	Bison (<i>Bison antiquus</i>), mammoth (<i>Mammuthus</i>)	Unrecorded

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

This records search covers only the records of the Natural History Museum of Los Angeles County (“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,



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

enclosure: invoice