APPENDIX F

Paleontological Resources Records Search

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October 1, 2023

Michael Baker International
Attn: Peter Kloess

re: Paleontological resources for the Rexhall Project

Dear Peter:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Rexhall Project area as outlined on the portion of the Mint Canyon USGS topographic quadrangle map that you sent to me via e-mail on September 17, 2023. 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 7772	Quarry in gulch northwest of Reynier Canyon	Castaic Formation	Invertebrates (uncatalogued)	Surface
LACM IP 7759	North side of Reynier Canyon	Castaic Formation (Limy conglomeratic sandstone)	Invertebrates (uncatalogued)	Surface
LACM IP 22016	Southwest corner of Sect 35, T4N, R15W	Castaic Formation (grey sandstone)	Invertebrates (uncatalogued)	Surface
LACM VP 7656*	Humphreys, just south of Fair Oaks Park	Castaic Formation (pebbly sandstone)	Sea turtle (*Psephophorus*); invertebrates (unspecified)	Unknown
LACM VP CIT 100 – 103, 199, 201, 206, 351, 430-433, 442, 443, 479, 480, 482	Mint Canyon (localities have not been georeferenced)	Mint Canyon Formation	Vertebrates, including artiodactyls and horse (Equidae), and leaves	Unrecorded, likely at surface
LACM VP 4692	In a railroad cut of the Southern Pacific Railroad 0.6 miles west of Lang Station	Mint Canyon Formation (tan to green sandy mudstones	Camel family (Camelidae); extinct ruminant (Paleomerycidae); rodent	Unknown

	interbedded with volcanic & plutonic cobble to boulder conglomerates)	clade (Rodentia)

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface
**Published in Robert J. Stanton. 1966. Megafauna of the Castaic Formation. J. Paleo. 40(1):21-40.*

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,

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

enclosure: invoice