

APPENDIX F3

PALEONTOLOGICAL RESOURCES MEMORANDUM



May 13th, 2024

Kimley-Horn
Eric Wang
1100 W. Town & Country Road, Ste 700
Orange, CA 92868

Hello,

This letter presents the results of a record search conducted for the Locust Gateway Development Project located in the City of Rialto, San Bernardino County, CA. The project lies south of Lowell Street and west of North Locust Avenue on Township 1 North, Range 5 West, Sections 21 and 28 on the *Devore, CA* USGS 7.5 minute quadrangle.

The geologic units underlying the project area is mapped as alluvial deposits of sand and gravel from the Holocene epoch. (Morton, Matti, Morton, Koukladas, Cossette 2001; Dibblee and Minch 2003). Holocene alluvial units are considered to be of high preservation value, but material found is unlikely to be fossil material due to the relatively modern associated dates of the deposits. However, if development requires any substantial depth of disturbance, the likelihood of reaching Pleistocene alluvial sediments would increase. The Western Science Center does not have localities within the project area or within a 1 mile radius.

While the presence of any fossil material is unlikely, if excavation activity disturbs deeper sediment dating to the earliest parts of the Holocene or Late Pleistocene periods, the material would be scientifically significant. Excavation activity associated with the development of the project area is unlikely to be paleontologically sensitive, but caution during development should be observed.

If you have any questions, or would like further information, please feel free to contact me at bstoneburg@westerncentermuseum.org.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brittney Stoneburg', with a stylized, flowing script.

Brittney Elizabeth Stoneburg, MSc
Collections Manager