WESTERN SCIENCE CENTER

February 14th, 2024

ECORP Consulting, Inc.
Niranjala Kottachchi
2525 Warren Drive
Rocklin, CA 95677

Dear Ms. Kottachchi,

This letter presents the results of a record search conducted for the Yeager Well Replacement Project located in the City of Morongo Valley, San Bernardino County, California. The project site is located between Vale Drive and East Drive on Township 1 South, Range 4 East, Sections 20, 21, 22, 27, 28, 29, 32, 33, and 34 on the *Morongo Valley, CA* USGS 7.5 minute quadrangle.

The geologic units underlying the project area are mapped primarily as alluvial deposits of silt, sand, and gravel from the Holocene epoch (Dibblee and Minch 2008). 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 in the project area or within a 1 mile radius of the project area.

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,

Brittney Elizabeth Stoneburg, MSc
Collections Manager