



**Kenneth L. Finger, Ph.D.**  
Consulting Paleontologist

18208 Judy St., Castro Valley, CA 94546-2306

510.305.1080

klfpaleo@comcast.net

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Dana DePietro  
FirstCarbon Solutions  
1350 Treat Boulevard, Suite 380  
Walnut Creek, CA 94597

**Re: Paleontological Records Search: Griswold Residential Development (4940.0019),  
Covina, Los Angeles County**

Dear Dr. DePietro:

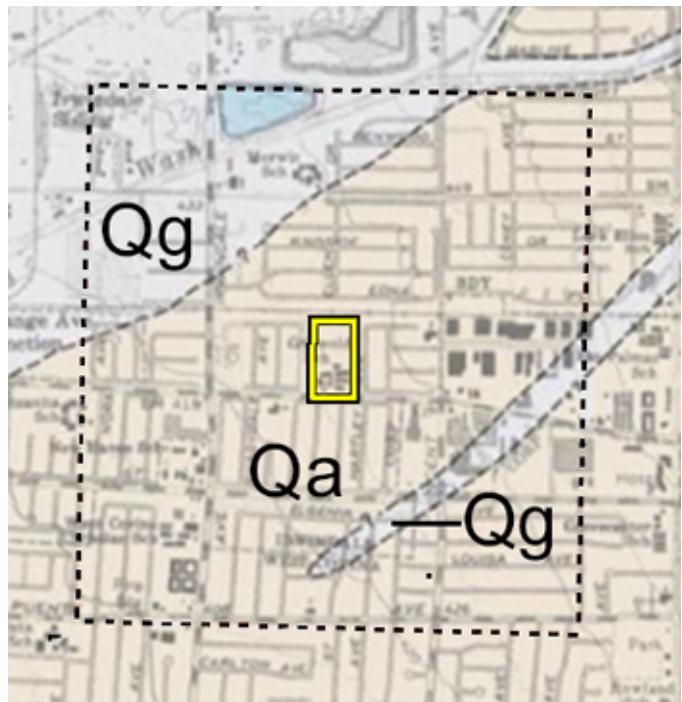
As per the request of Stefanie Griffin, I have performed a records search on the University of California Museum of Paleontology (UCMP) database for the Griswold Residential Development Project in Covina. The project site is bounded by the Southern Pacific Railroad to the north and West San Bernardino Road to the south, and it is flanked by houses to the east along North Hartley Avenue and to the west along North Walnuthaven Drive. Its PRS (Public Land Survey) location is NW $\frac{1}{2}$ , NE $\frac{1}{4}$ , Sec. 16, T1S, R10W, Baldwin Park quadrangle (USGS 7.5-series topographic map). The only structures on the site are those of the Griswold School, which currently occupies the southern part of the parcel. It appears from Google Earth imagery that the undeveloped part of this flat terrain was tilled; thus, the entire project surface is heavily disturbed.

Geologic Units

According to the geologic map of Dibblee and Ehrenspeck (1999), the entire site (solid yellow outline at center) and surrounding half-mile search area (dashed black outline) are mapped as Holocene alluvial deposits differentiated as follows:

**Qg.** Gravel & sand of major streams and alluvial fan detritus from San Gabriel Mountains; grades southward into Qa as sizes of clasts decrease.

**Qa** Alluvial gravel, sand, and silt of valleys & floodplains.



UCMP Records Search

The records search on the UCMP database focused on the Baldwin Park quadrangle and it revealed no vertebrate and four Miocene plant localities. The nearest is PA1327 about 2.5 miles to the southeast, where a single leaf impression was collected from the Miocene Puente Formation, which was the source of the fossils collected at the other three plant localities. None of those fossils are entered in the database, but their locality notes mention leaf impressions and algae.

Remarks and Recommendations

The surficial Holocene alluvium on the project site is too young to be fossiliferous; hence, it has no paleontological sensitivity or potential; thus, a paleontological walkover survey is not warranted. It is highly unlikely that project-related earth-disturbing activities will impact older geologic units in the subsurface because they are deeply buried by the thick alluvial deposits that characterize this area. I therefore do not recommend a paleontological monitoring program for this project. This report concludes the paleontological mitigation for this project in accordance with CEQA guidelines.

Sincerely,



Reference Cited

Dibblee, T.W., and Ehrenspeck, H.E., 1999, Geologic map of the El Monte and Baldwin Park quadrangles, Los Angeles County, California. Dibblee Foundation Map DF-69, scale 1:24,000.