



SAN BERNARDINO COUNTY MUSEUM



COUNTY OF SAN BERNARDINO

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Leonard Hernandez
Interim Director

10 September 2014

ECORP Consulting, Inc.
attn: Wendy Blumel, Senior Archaeologist
215 North 5th Street
Redlands, CA 92374

re: **PALEONTOLOGY LITERATURE AND RECORDS REVIEW, LAKE GREGORY
OUTLET VALVE REPLACEMENT PROJECT, SAN BERNARDINO COUNTY,
CALIFORNIA**

Dear Ms. Blumel,

The Division of Geological Sciences of the San Bernardino County Museum (SBCM) has completed a literature review and records search for the above-named study area in San Bernardino County, California. The Lake Gregory Outlet Valve Replacement Project property is located in the northern portion of section 23, Township 2 North, Range 4 West, San Bernardino Base and Meridian, as shown on the San Bernardino North, California 7.5' USGS topographic quadrangle map (1967 edition, photorevised 1980).

Previous geologic mapping (Miller and others, 2001) indicates that the proposed Lake Gregory outlet replacement project property is situated entirely upon surface exposures of Mesozoic granitic rocks, specifically the granodiorite of Lake Gregory (= unit **M₇lg**). These medium- to coarse-grained hornblende-biotite granodiorite rocks have no potential to contain significant nonrenewable paleontologic resources, and so are assigned low paleontologic sensitivity.

For this review, I conducted a search of the Regional Paleontologic Locality Inventory (RPLI) at the SBCM. The results of this records search indicated that no previously recorded paleontologic resource localities are known from within the boundaries of the proposed study area, nor from within several miles in any direction.

Recommendations

The results of the literature review and the check of the RPLI at the SBCM demonstrate that excavation in surface and subsurface granodiorite of Lake Gregory has low potential to adversely impact significant nonrenewable paleontologic resources. This rock unit is therefore assigned low paleontologic sensitivity. *No program to mitigate adverse impacts to fossil resources is recommended at this time for excavation in the granodiorite of Lake Gregory.*

GREGORY C. DEVEREAUX
Chief Executive Officer

Board of Supervisors

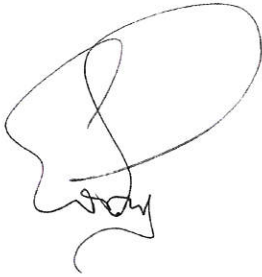
ROBERT A. LOVINGOOD First District JAMES RAMOS Third District
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JOSIE GONZALES Fifth District

References

Miller, F.K., J.C. Matti and S.E. Carson, 2001. Geologic map of the San Bernardino North 7.5' quadrangle, San Bernardino County, California. United States Geological Survey Open-File Report 01-131.

Please do not hesitate to contact us with any further questions you may have.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Scott". The signature is stylized with a large, looping initial "E" and "S".

Eric Scott, Curator of Paleontology
Division of Geological Sciences
San Bernardino County Museum