

Unocal Geothermal Division
Unocal Corporation
3576 Unocal Place, P.O. Box 6854
Santa Rosa, California 95406
Telephone (707) 545-7600

UNOCAL 76

November 16, 1987

Mr. Jeff Hulen
University of Utah Research Institute
391 Chipeta Way, Suite C
Salt Lake City, UT 84108

Dear Jeff:

Enclosed are 16 samples I have sent to be analyzed for bulk X-ray diffraction, clay XRD, and petrographic analysis. Please use Wagner Petrographic to make the thin sections and please use percentages in reporting the data. In particular I am interested in the alteration minerals. If during the petrographic analysis you see anything unusual, please circle it on the thin section. Also, some of the samples from the 6 series may contain amphiboles and mica. I am very interested in your opinion on whether the amphiboles or mica are secondary.

Please return any remaining samples, and send the XRD data to me prior to sending the thin sections. That will allow us to discuss the results, and begin any needed follow-up work immediately.

This job will be charged to AFE #470944. Please include this information on the invoice.

Thank you,

UNOCAL GEOTHERMAL DIVISION


Daniel L. Carrier
Geologist

DLC/dis
4119I

Enclosures

Samples sent for analysis:

6 Series: 6-1, 6-2, 6-3, 6-4, 6-5, 6-6, 6-7, 6-8

8 Series: 8-1, 8-2, 8-3, 8-4, 8-5, 8-6, 8-7, 8-8