

**GEOHERMAL BRANCH**

**INTER-OFFICE MEMORANDUM**

SUBJECT: Thermal Conductivity Measurements,  
620-65, Livermore

DATE: July 29, 1980

TO: J. T. Gross

cc: H. J. Olson  
A. L. Lange

FROM: H. D. Pilkington

On July 21, 1980, the following thermal conductivity measurements were reported by telephone from Dave Blackwell's laboratory:

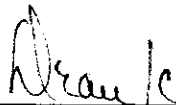
<u>Depth (ft.)</u>	<u>K Value</u>
100	9.07
300	7.73
500	8.39
700	9.19
900	7.89
1100	8.32
1300	6.69
1400	8.09
1500	6.87
1600	7.90
1800	6.85
2000	6.52
2200	6.83
2400	6.98
2600	6.25
2800	6.75

The laboratory will retain the samples for at least two weeks, and if additional measurements are required they can run them.

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We should now reexamine the drill cuttings to determine whether lithologic variations can explain the changes in thermal conductivity with depth.



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H. D. Pilkington

HDP/c