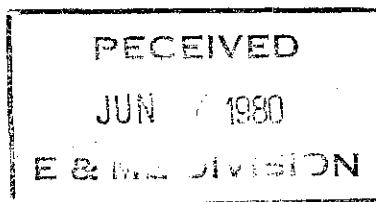




MICROGEOPHYSICS CORPORATION



June 3, 1980

Mr. Bill Huntsman
AMAX EXPLORATION
7100 West 44th Avenue
Wheat Ridge, CO 80033

Dear Mr. Huntsman:

Here are the results of our thermal conductivity tests on the two AMAX graywacke samples. The samples were crushed, saturated, and tested via the needle-probe technique. We corrected the porosity to an estimated in situ value of 5% for each. The results were as follows:

AMAX 1 $K_{is} = 6.85 \text{ mcal/sec-cm-}^\circ\text{C}$

AMAX 2 $K_{is} = 7.23 \text{ mcal/sec-cm-}^\circ\text{C}$

Our needle-probe instrumentation (as all needle-probe devices) has an inherent accuracy of $\pm 10\%$. Therefore the agreement between the two samples of 5% is quite good.

If you have any questions, please contact me or Diane Westfahl.

Yours truly,

A handwritten signature in cursive script that reads "Bob Quillin".

Bob Quillin
Manager
Engineering Department

BQ/tw