

**GEOHERMAL BRANCH**

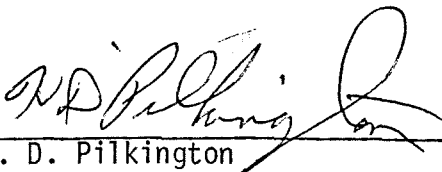
**INTER-OFFICE MEMORANDUM**

SUBJECT: Geochemical Results - Deeth Drill Holes, 1979      DATE: September 8, 1980

TO: J. E. Deymonaz

FROM: H. D. Pilkington

| <u>Drill Hole</u> | <u>Depth (ft)</u> | <u>A#</u> | <u>Mo ppm</u> | <u>Cu ppm</u> |
|-------------------|-------------------|-----------|---------------|---------------|
| 1040- 4           | 220               | A88798    | <1            | 13            |
| - 9               | 220               | 99        | <1            | 14            |
| -10               | 190               | 800       | 1             | 18            |
| -11               | 310               | 01        | 1             | 18            |
| -13               | 320               | 02        | 1             | 23            |

  
H. D. Pilkington

HDP/c

SKYLINE LABS, INC.

SPECIALISTS IN EXPLORATION GEOCHEMISTRY

12090 WEST 50TH PLACE • WHEAT RIDGE, COLORADO 80033 • TEL.: (303) 424-7718

REPORT OF ANALYSIS

JOB NO. DAV 182  
December 29, 1980  
REQUISITION NO. 9167  
PROJECT NO. 860

AMAX Geothermal, Inc.  
Attn: Dean Pilkington  
7100 West 44th Avenue  
Wheat Ridge, Colorado 80033

Analysis of 20 Pulp Samples

| ITEM                     | SAMPLE NO. | Au (ppm) |      |
|--------------------------|------------|----------|------|
| 1                        | B29073     | <.02     |      |
| 2                        | B29074     | <.02     |      |
| 3                        | B29075     | <.02     |      |
| 4                        | B29076     | <.02     |      |
| 5                        | B29077     | <.02     |      |
| 6                        | B29078     | <.02     |      |
| 7                        | B29079     | <.02     |      |
| 8                        | B29080     | <.02     |      |
| 9                        | B29081     | <.02     |      |
| 10                       | B29082     | <.02     |      |
| 11                       | B29083     | <.02     |      |
| 12                       | B29084     | .02      |      |
| 13                       | B29085     | <.02     |      |
| 14                       | B29086     | <.02     |      |
| 15                       | B29087     | <.02     |      |
| 16                       | B29088     | <.02     |      |
| 17                       | B29089     | <.02     |      |
| 18                       | B29090     | .02      |      |
| 1030-19 Composite 41-50H | 19         | B29091   | <.02 |
| 1030-20 " 40-50H         | 20         | B29092   | <.02 |

DETERMINATION: Au - Atomic Absorption

cc: H. J. Olson  
J. Daymanaz  
✓ Bill Huntsman  
L. D. Mullen  
AMAX - Denver

*Gordon H. VanSickle*  
Gordon H. VanSickle  
Manager

LAB AMAX - DENVER

ANALYTICAL REPORT

DATE 3/12/81

REQ. NO. 5096 JOB NO. \_\_\_\_\_

ANALYST M.S

PROJECT 1030

TYPE SAMPLES Geothermal Water

REQUESTED BY PILKINGTON

|    | SAMPLE | pH  | Mo<br>ppb | Cu<br>ppb |  | SAMPLE | pH | Mo<br>ppb | Cu<br>ppb |
|----|--------|-----|-----------|-----------|--|--------|----|-----------|-----------|
| 01 | W14975 | 8.2 | 15        | 6         |  | 31     |    |           |           |
| 02 | 76     | 9.2 | 30        | 3         |  | 32     |    |           |           |
| 03 | 77     | 9.5 | <8*       | 20        |  | 33     |    |           |           |
| 04 | 78     | 8.5 | 5         | <2        |  | 34     |    |           |           |
| 05 |        |     |           |           |  | 35     |    |           |           |
| 06 |        |     |           |           |  | 36     |    |           |           |
| 07 |        |     |           |           |  | 37     |    |           |           |
| 08 |        |     |           |           |  | 38     |    |           |           |
| 09 |        |     |           |           |  | 39     |    |           |           |
| 10 |        |     |           |           |  | 40     |    |           |           |
| 11 |        |     |           |           |  | 41     |    |           |           |
| 12 |        |     |           |           |  | 42     |    |           |           |
| 13 |        |     |           |           |  | 43     |    |           |           |
| 14 |        |     |           |           |  | 44     |    |           |           |
| 15 |        |     |           |           |  | 45     |    |           |           |
| 16 |        |     |           |           |  | 46     |    |           |           |
| 17 |        |     |           |           |  | 47     |    |           |           |
| 18 |        |     |           |           |  | 48     |    |           |           |
| 19 |        |     |           |           |  | 49     |    |           |           |
| 20 |        |     |           |           |  | 50     |    |           |           |
| 21 |        |     |           |           |  | 51     |    |           |           |
| 22 |        |     |           |           |  | 52     |    |           |           |
| 23 |        |     |           |           |  | 53     |    |           |           |
| 24 |        |     |           |           |  | 54     |    |           |           |
| 25 |        |     |           |           |  | 55     |    |           |           |
| 26 |        |     |           |           |  | 56     |    |           |           |
| 27 |        |     |           |           |  | 57     |    |           |           |
| 28 |        |     |           |           |  | 58     |    |           |           |
| 29 |        |     |           |           |  | 59     |    |           |           |
| 30 |        |     |           |           |  | 60     |    |           |           |

METHODS: Digestion- Sample Weight-

Determination- Mo, Cu - colorimetric  
pH - electrometric

REMARKS:

\* INTERFERENCE

NOTE: Mail Original to  
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P. O. Box C  
Denver, Colorado 80226

- Copies to: S.C. Hoatson @ Denver Lab
1. H. D. PILKINGTON At \_\_\_\_\_
  2. Geothermal Office At \_\_\_\_\_
  3. E. J. Rowe At Denver Lab
  4. J. E. DEXMONAZ