

GEOHERMAL BRANCH

INTER-OFFICE MEMORANDUM

SUBJECT: Drill Cuttings Geochemistry 1981 - McCoy Area, Nevada DATE: March 18, 1982

TO: J. E. Deymonaz, H. J. Olson cc: Stan Hamilton

FROM: H. D. Pilkington

Well 38-9 located north of the McCoy Mercury Mine in the SESW Sec 9 T23N R40E was drilled to a depth of 2,040 feet. The hole was spudded in iron stained, altered and mineralized rocks of the basal Triassic. The geochemical analyses of the drill cuttings from well 864 38-9 are given below:

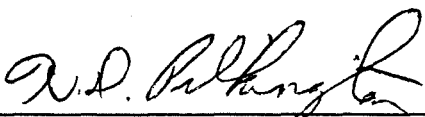
<u>Sample #</u>	<u>Depth</u>	<u>Au</u> <u>ppm</u>	<u>Ag</u> <u>ppm</u>	<u>Hg</u> <u>ppm</u>	<u>As</u> <u>ppm</u>	<u>Sb</u> <u>ppm</u>	<u>Mo</u> <u>ppm</u>	<u>Cu</u> <u>ppm</u>
G-10031	0- 45'	< 0.02	0.2	5.2	40.0	19.0	1.0	16.0
32	45- 85'	< 0.02	< 0.2	21.0	30.0	26.0	1.0	18.0
33	85-125'	0.04	< 0.2	18.0	80.0	48.0	3.0	19.0
34	125-165'	0.03	< 0.2	6.5	110.0	36.0	2.0	17.0
35	165-205'	< 0.02	0.2	6.2	40.0	42.0	2.0	19.0
36	440-460'	< 0.02	0.9	0.5	10.0	3.0	< 1.0	23.0
37	540-550'	< 0.02	0.6	0.7	10.0	3.0	< 1.0	23.0
38	620-640'	< 0.02	0.9	0.6	50.0	8.0	1.0	91.0
G-11024	2030-2040'		< 0.2				3.0	22.0

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Well 25-9 located six miles south of the McCoy Mercury Mine in the NESW Sec 9 T22NR40E was drilled to a depth of 2,000'. The hole was spudded in the basal Triassic and bottomed in rocks of the Permo-Pennsylvanian Havallah sequence. Minor mineralization was noted at two intervals in the Havallah rocks:

<u>Sample #</u>	<u>Depth</u>	<u>Au</u> <u>ppm</u>	<u>Ag</u> <u>ppm</u>	<u>Hg</u> <u>ppm</u>	<u>As</u> <u>ppm</u>	<u>Sb</u> <u>ppm</u>	<u>Mo</u> <u>ppm</u>	<u>Cu</u> <u>ppm</u>
G-10039	850- 900'	<0.02		0.1	20.0	5.0		
40	950-1000'	<0.02		0.1	20.0	7.0		
G-11025	1990-2000'		0.2				4.0	37.0



H. D. Pilkington

HDP/c