

Drill Hole No. MH-72

Date: February 15, 1979

Bearing: N.25° E. Inclination: 55° N.

Drilled By: Boyles Brothers

Coordinates: North 629,324.52 East 1,449,328.88

Logged By: Ferryl C. Gale

Elevation: 1139.84

Total Depth: 285.0

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BeSO ₄		
					Tro Pari Survey			
					Dip	AZ		
				Surface	55° N	N.25° E.		
				100.0	55° N	N.24½° E.		
				200.0	53° N	N.13° E.		
				279.0	54° N	N.2½° W		
				Total Depth	285.0			
0.0	18.0							Cased down (no core recovery)
18.0	33.0							Sandstone highly weathered tan color, highly broken locally.
33.0	37.0							Light gray sandy shales.
37.0	39.0							Gray Gouge
39.0	47.0							Light gray sandstone occasional lenses of black shale.
47.0	58.0							Sandstone as above, slightly weathered
58.0	69.0							Sandstone as above, slightly weathered
69.0	80.0							Sandstone as above, slightly weathered
80.0	92.0							Sandstone, High R.Q.D.
92.0	104.0							Sandstone, occasional lamina of black shale bedding dip at 93.0 ft. is 68° S.
104.0	115.0							Light gray sandstone, high R.Q.D.

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Elevation: _____

Total Depth: _____

DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO ₄		
115.0	125.0							As above
125.0	136.0							As above
136.0	148.0							Sandstone as above, however, 144.0-146.0
								black shale lamina highly fracture, barite
								crystals filling fractures
148.0	158.0							As above
158.0	170.0							As above
170.0	172.5							Sandstone as above
172.5	176.5							Fault zone, gouge, sandstone highly leached.
176.5	182.0							Gray and black sandy shales
182.0	192.0							Gray sandy shales
192.0	196.0							As above
196.0	200.0		9794					Barite zone, low grade, 20% BaSO ₄ , Bedding
								dip at 197.0 is 78° S.
200.0	203.0		9795					Barite zone, low grade 30% BaSO ₄
203.0	206.0		9796					Barite zone, low grade, 30% BaSO ₄
214.0	225.0							Gray shale
225.0	227.0							Gouge zone, highly sandy, fault zone
227.0	234.0							Gray sandy shales.
234.0	236.0		7402	2.0'				Barite zone, high grade 70% BaSO ₄

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DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO ₄		
236.0	239.0		7403	3.0'				Gouge contain barite.
239.0	245.0		7404	6.0'				Barite zone, high grade, 70% BaSO ₄ , massive to nodular
245.0	249.0		7405	4.0'				Barite zone, high grade, 60% BaSO ₄ , massive to nodular.
249.0	253.0		7406	4.0'				Barite zone, high grade 60% BaSO ₄ , massive to nodular.
253.0	256.6		7407	3.6'				Barite zone, medium grade, 50% BaSO ₄ , numerous calcite veinlets.
256.6	264.2							3.0ft. core loss, fault zone, 256.6-259.6
259.6	264.2							Barite zone, medium grade 50% BaSO ₄
264.2	267.0		7409	2.7'				Barite zone, high grade 70% BaSO ₄ , massive.
267.0	271.0		7410	4.0'				Barite zone, low grade 20% BaSO ₄ , small scattere nodules.
271.0	275.0		7411	4.0'				Barite zone, low grade, 20% BaSO ₄ , barite as above.
275.0	280.0							Gray and black sandy shales, locally leached in fractures.
280.0	284.8							Tripoli, light gray color, good grade tripoli, some manganese in fracture

Total Depth: _____

10/77

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
<u>#72</u>					
9794		196.0-200.0	4.0	3.149	32.2
9795		200.0-203.0	3.0	3.17	33.7
9796		203.0-206.0	3.0	3.001	20.9
		TOTAL	<u>10.0</u>	<u> </u>	<u> </u>
		WEIGHTED AVERAGE		3.111	29.39

Barite Intervals for MH-72

<u>Sample</u>	<u>Footage</u>	<u>%BaSO₄</u>	<u>Specific Gravity</u>
7402	234.0-236.0		
7403	236.0-239.0		
7404	239.0-245.0		
7405	245.0-249.0		
7406	249.0-253.0		
7407	253.0-256.6		
7408	256.6-264.2		
7409	264.2-267.0		
7410	267.0-271.0		
7411	271.0-275.0		

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

Revised 2/21/79

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-72					
7402		234.0-236	2.0	3.422	50.51
7403		236-239	3.0	3.500	55.21
7404		239-245	6.0	3.843	73.63
7405		245-249	4.0	3.622	62.16
7406		249-253	4.0	3.945	78.49
7407		253-256.6	3.6	3.786	70.80
7408		256.6-264.2	7.6	3.836	73.29
7409		264.2-267	2.8	3.864	74.65
7410		267-271	4.0	3.294	42.30
7411		271-275	4.0	2.883	11.04
		Total	41.0	_____	_____
		Weighted Average		3.634	62.80

67.14

Bottom Hole corings 629, 477.92 1, 449, 383.42 914.43