

Drill Hole No. MH-98

Date: 5-25-79

Bearing: N.25°E. Inclination: 60°N.

Drilled By: Boyles Brothers

Coordinates: North 627,402.31 East 1,453,980.27

Logged By: Ferryl C. Gale

Elevation: 105.76

Total Depth: 305.0 BX Core

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
				Eastman Camera Survey				
				Bearing	Dip			
				Surface	N.25°E.	60°N.		
				100.0	N.24°30'E.	58°N.		
				200.0	N.25°30'E.	54°15'N.		
				300.0	N.26°30'E.	51°N.		
				305.0	N.26°30'E.	51°N.		
0.0	10.0							Rock bit to 10.0 ft. and set casing.
10.0	31.0							Top sandstone, highly weathered and bleached, highly broken.
31.0	47.0							Sandstone with lamina of black shale.
47.0	62.0							Sandstone, well cemented, high R.Q.D.
62.0	77.0							As above.
77.0	92.0							Sandstone, with black shale lamina.
92.0	107.0							Sandstone with black shale lamina, bedding dip at 100' is 81°S.
107.0	120.0							As above.
120.0	136.0							As above.
136.0	151.0							Sandstone light gray.
151.0	166.0							Light and dark gray sandstone.

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FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
166.0	181.0							Sandstone, very competent, high R.Q.D.
181.0	196.0							As above.
196.0	210.0							As above, bedding dip 85°N. at 207.0'.
210.0	224.0							Sandstone as above.
224.0	240.0							As above, 239.0 to 241.0 heavily fractured, strong
								qtz. and calcite fracture fillings.
240.0	245.3							Sandstone as above.
245.3	246.1		314		3.223	37.5		Barite zone, very fine grained barite.
246.1	249.8		315		3.634	62.8		Barite zone, high grade, massive angular nodules of
								BaSO ₄ 248.0 massive fine grained, Calcite fracture fillings.
249.8	254.7		316		3.571	59.3		Barite zone, high grade, massive to heavy lamination
								of barite.
254.7	258.7		317		3.414	50.0		Barite zone, medium grade, fine grained barite in
								host rock scattered nodules.
258.7	262.0		318		3.412	49.9		Barite zone, medium grade, as above.
262.0	266.0		319		3.516	56.1		Barite zone, as above.
266.0	270.0		320		2.833	6.6		Barite zone, scattered nodules in gray shale or siltstone
270.0	274.0		321		2.853	8.4		Barite zone, as above.
274.0	276.8		322		2.829	6.3		Barite zone, as above.
276.8	278.0							Gray shales.

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10/77

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG =	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
<u>#98</u>					
0314		245.3-246.1	0.8	3.223	37.5
0315		246.1-249.8	3.7	3.634	62.8
0316		249.8-254.7	4.9	3.571	59.3
0317		254.7-258.7	4.0	3.414	50.0
0318		258.7-262.0	3.3	3.412	49.9
0319		262.0-266.0	4.0	3.516	56.1
0320		266.0-270.0	4.0	2.833	6.6
0321		270.0-274.0	4.0	2.853	8.4
0322		274.0-276.8	2.8	2.829	6.3
		TOTAL	31.5		
		WEIGHTED AVERAGE		3.275	41.03
0314-0319		COMPOSITE		3.488	54.5