

Drill Hole No. MH-135 Fancy Hill

Date: August, 1979 (Date Drilled)

Bearing: N.15°E. Inclination: 45°N.

Drilled By: Boyles Bro. (Ricky Deaton)

Coordinates: North 626,128.68 East 1,456,901.79

Logged By: Ferryl C. Gale

Elevation: 930.21

Total Depth: 245.0 ft.

DEPTH		%	SAMPLE	SAMPLE	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄	
					Eastman Camera Survey Results		
						Bearing	Dip
				Surface		N.15°E.	45°N.
				75.0		N.15°30'E.	42°N.
				155.0		N.16°E.	39°45'N.
				235.0		N.15°30'E.	37°30'N.
				245.0		N.15°30'E.	37°30'N.
0.0	9.0						Set casing to 9.0 ft. with bevel wall bit. Highly weathered sandstones.
9.0	20.0						Began coring with BX bit, highly weathered sandstone tan in color.
20.0	28.0						Light gray sandstone interbedded with lamina of black shale, limonite staining fractures.
28.0	44.0						Sandstone, high R.Q.D. Shear zone, 34.0 - 37.0 Fault direction approx. 15°E.
44.0	58.0						Interbedded sandstones and shales.
58.0	72.0						Gray sandstone with lamina of black shale. Highly broken 58.0 - 63.0.
72.0	88.0						Interbedded gray sandstone with equal in volume black shales Bedding dip at 73.0 ft. is 71°S.

DRILL HOLE LOG

Drill Hole No. MH-135

Date: _____

Bearing: _____ Inclination: _____

Drilled By: _____

Coordinates: North _____ East _____

Logged By: _____

Elevation: _____

Total Depth: _____

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
88.0	102.5							As above.
102.5	118.0							Gray Sandstone, very competent, high R.Q.D.
118.0	132.0							Interbedded black shale and sandstone. Minor
								slicken sides 118.5.
132.0	148.0							Gray sandstone, minor black shale lamina, high
								R.Q.D.
148.0	163.0							As above plus scattered quartz and calcite veinlets.
163.0	178.0							Interbedded black shale and gray sandstone, numerous
								quartz and calcite veinlets, slicken sides 164.0
								Bedding dip at 168.0 ft. is 72°S.
178.0	192.5							Gray sandstone, with high R.Q.D. many quartz and
								calcite veinlets and stringers.
192.5	206.0							As above
206.0	207.0				about	75%		Barite zone, high grade about 75% BaSO ₄ , massive barite
207.0	217.5							Interbedded dark and light gray sandstone.
217.5	221.0		9552		2.95	16.7		Barite zone, low grade sparsely scattered nodules
221.0	225.4		9553		3.36	46.6		Barite zone, medium grade barite well developed nodules
								in black shale.
225.4	231.0		9554		3.62	62.1		Barite zone, high grade massive to elongate nodules

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[illegible]

FANCY HILL - DIAMOND DRILL HOLES - PHASE II

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-135					
9552		217.5-221.0	3.5	2.95	16.7
9553		221.0-225.4	4.4	3.36	46.6
9554		225.4-231.0	5.6	3.62	62.1
9555		231.0-236.6	5.6	3.39	48.5
9556		236.6-241.0	4.4	2.91	13.4
			<u>23.5</u>	<u>3.28</u>	<u>41.63</u>

Barite Intervals for MH-135

<u>Sample No.</u>	<u>Footage</u>	<u>%BaSO₄</u>	<u>Specific Gravity</u>
9552	217.5-221.0		
9553	221.0-225.4		
9554	225.4-231.0		
9555	231.0-236.6		
9556	236.6-241.0		