

Drill Hole No. MH-74

Date: 2-20-79

Bearing: N.20°E. Inclination: 70°N. Fancy Hill

Drilled By: Boyles Brothers

Coordinates: North 629,465.18 East 1,449.067.24

Logged By: Ferryl C. Gale

Elevation: 1,158.42

Total Depth: 281.0 (NX)

DEPTH		%	SAMPLE	SAMPLE	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄	
				Tro-Pari Survey			
				Dip		Bearing	
			Surface	70°N.		N.20°E.	
			81.0	71°N.		N.13°E.	
			181.0	72°N.		N.6½°E.	
			281.0	73°N.		N.6°E.	
				Total depth 281.0			
0.0	20.0						Set casing to 20.0 ft. (no core recovery)
20.0	33.0						Sandstone highly weathered tan color, highly broken locally.
33.0	45.0						Light gray sandstone with heavy limonite staining in fractures.
45.0	57.0						Sandstone as above slightly leached from weathering.
57.0	69.0						As above.
69.0	81.0						Sandstone high R.Q.D.
81.0	93.0						Sandstone highly broken.
93.0	105.0						Sandstone with wisps of black shales, bedding dip at 100.0 ft. is 83°S.
105.0	115.0						Light gray sandstone, high R.Q.D.

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Drilled By: _____

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Logged By: _____

Elevation: _____

Total Depth: _____

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
115.0	130.0							Interbedded black and gray shales, highly broken
130.0	145.0							Black shales, shear zone, highly broken.
145.0	157.0							Black shales as above highly broken.
157.0	161.0							Black shales, highly broken
161.0	165.0		7421		2.968	18.214		Barite zone, highly broken, and sheared, low grade
								barite, scattered nodules of barite in black shales.
165.0	170.0							Black shale, highly broken.
170.0	180.0							Shear zone, highly broken gray sandstone and shales.
180.0	192.0							Light gray sandstone with wisps of black shales.
192.0	205.0							Interbedded black shales and sandstone, highly
								broken and fractured. It appears the high grade
								barite intervals were faulted out in this hole.
205.0	220.0							Sandstone interbedded with lamina of black shales.
220.0	232.0							Sandstone as above.
232.0	245.0							Sandstone as above.
245.0	255.0							Black shales with thin lamina of gray sandstone.
255.0	265.0							As above.
265.0	278.0							Interbedded black shale and gray shales.
278.0	280.8							Black shales.
280.8	281.0							Arkansas Novaculite.

Hole bottomed on novaculite - total depth 281.0 ft.

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-74					
7421		161.0-165	4.0	2.968	18.214

Barite Interval for MH-74

<u>Sample</u>	<u>Footage</u>	<u>%BaSO4</u>	<u>Specific Gravity</u>
7421	161.0-165.0		