

DRILL HOLE LOG

Drill Hole No. MH-99

Date: 5-21-79

Bearing: _____ Inclination: _____

Drilled By: Boyles Brothers

Coordinates: North 629,429.78 East 1,448,884.138

Logged By: Ferryl C. Gale

Elevation: 1,134.64

Total Depth: 318.0' 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. 23° E.	55° N.		
				110.0	N. 20° 30' E.	53° 15' N.		
				210.0	N. 22° E.	51° 45' N.		
				310.0	N. 20° 30' E.	52° N.		
			T.D.	318.0	N. 20° 30' E.	52° N.		
0.0	15.0							Set casing with Bevell wall bit, highly weathered sandstone and weathered wisps of black shale, tan color, highly broken.
15.0	26.0							Light gray sandstone with wisps of black shale.
26.0	43.0							As above.
43.0	59.0							As above.
59.0	73.0							As above.
73.0	89.0							As above.
89.0	103.0							As above.
103.0	120.0							As above, bedding dip at 115.0' is 89° N.
120.0	135.0							Light gray sandstone
135.0	151.0							As above, shear zone 137.0 to 144.0 highly broken.
151.0	163.5							Sandstone as above.

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Elevation: _____

Total Depth: _____

DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO ₄	
163.0	167.0						Interbedded shales and sandstone as above, highly broken.
167.0	181.0						As above, highly broken.
181.0	211.0						Sandstone with sisps of black shale.
211.0	224.0						Light gray shale.
224.0	232.0		243	8.0	2.903	12.8	Barite zone, scattered nodules
232.0	234.0						Gray shales.
234.0	236.8		244	2.8	2.821	5.5	Barite zone, scattered nodules
236.8	264.0						Light gray shales.
264.0	268.2		245	4.2	3.803	71.7	Barite zone, massive barite very high grade.
268.2	274.0		246		3.535	57.3	Barite zone, massive high grade barite
274.0	278.0		247		3.65	63.7	Barite zone, massive to heavy barite laminated, high grade
278.0	284.0		248		3.799	71.5	Barite zone, high grade, massive
284.0	289.5		249		3.19	35.7	Barite zone, low grade, nodular barite.
289.5	302.0						Gray shales.
302.0	311.0						Mislatc lost core, recovered 2 ft. core, bedding at 311.
							is 83°N.
311.0	317.8						Gray shale.
317.8	318.0						Arkansas Novaculite.

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG ≡	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
<u>#99</u>					
0243		224.0-232.0	8.0	2.903	12.8
0244		234.0-236.8	2.8	2.821	5.5
0245		264.0-268.2	4.2	3.803	71.7
0246		268.2-274.0	5.8	3.535	57.3
0247		274.0-278.0	4.0	3.650	63.7
0248		278.0-284.0	6.0	3.799	71.5
0249		286.0-289.5	3.5	3.198	35.7
			—		
		TOTAL	34.3	—	—
		WEIGHTED AVERAGE		3.388	48.37
0245-0249		COMPOSITE		3.431	51.1