

Drill Hole No. MH-126

Date: June 27, 1979 (Completed)

Bearing: N.30°E. Inclination: 25°N.

Drilled By: Boyles Bro.

Coordinates: North 627,642.11 East 1,453,252.86

Logged By: Ferryl C. Gale

Elevation: 1017.54

Total Depth: 228.0 BX Core

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.30°E.			25°N.
				100.0'	N.32°30'E.			23°30'N.
				215.0'	N.31°E.			22°30'N.
				228.0'	N.31°E.			22°30'N.
0.0	6.0							Rock bitted for 6.0 ft. to set casing no sample
								recovery.
6.0	24.0							Began core BX Rods. Highly weathered bleached
								sandstone, limonite staining in fractures. Thin lamina
								black shale. Highly broken.
24.0	40.0							Gray sandstone, lamina and lenses of black shale
								highly broken. Limonite stain in fracture due to
								ground water.
40.0	53.0							As above.
53.0	70.0							As above.
70.0	86.0							As above.
86.0	101.0							Interbedded black shale and gray sandstone. Highly
								broken and sheared 92.0 - 96.0'
101.0	117.0							Gray sandstone, moderately broken.
117.0	132.0							Gray sandstone thin lamina black shale.

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Drilled By: _____

Coordinates: North _____ East _____

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Elevation: _____

Total Depth: _____

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
132.0	147.0							Sandstone as above, plus high R.Q.D. well cemented
147.0	162.0							Gray sandstone, thin lamina black shale.
162.0	177.0							As above.
177.0	187.8							Gray sandstone.
187.8	191.3		340	3.5	3.903	76.5		Barite zone, high grade, highly broken and fractured, massive barite zone.
191.3	193.4		341	2.1	3.806	71.8		Barite zone, high grade, massive barite.
193.4	197.4		342	4.0	3.312	43.5		Barite zone, medium grade angular barite nodules elongated along bedding plane.
197.4	205.0		343	7.6	3.125	30.4		Barite zone, low grade scattered barite nodules in gray shales.
205.0	220.0							Interbedded gray sandstone and black shale, highly broken between 207.0 - 209.0. Bedding dip at 216.0 ft. is 86°N.
220.0	227.8							Lithology as before
227.8	227.9							Gray clay gouge
227.9	228.0							Arkansas Novaculite, upper member
					Total depth 228.0 ft.			
					Hole bottomed on Novaculite			

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-126					
0340			187.8-191.3		
0341			191.3-193.4		
0342			193.4-197.4		
0343			197.4-205.0		

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
<u>#126</u>					
0340		187.8-191.3	3.5	3.903	76.5
0341		191.3-193.4	2.1	3.806	71.8
0342		193.4-197.4	4.0	3.312	43.5
0343		197.4-205.0	7.6	3.125	30.4
			—		
		TOTAL	17.2	—	—
		WEIGHTED AVERAGE		3.410	49.74
0340-0342		COMPOSITE		3.604	61.2