

Drill Hole No. MH-123

Date: 6-6-79 (completed)

Bearing: N.10°E. Inclination: 40°N.

Drilled By: Boyles Brothers (Ricky Deaton, Jr. Miller)

Coordinates: North 629,465.13 East 1,448,049.81

Logged By: Ferryl C. Gale

Elevation: 1122.2

Total Depth: 437.0 ft. 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.10°E.	40°N.	
				60	N.8°30'E.	37°15'N.	
				200	N.9°30'E.	31°45'N.	
				300	N.10°E.	27°45'N.	
				400	N.12°30'E.	27°N.	
				437	N.12°30'E.	27°N.	
0.0	12.0						Set casing to 12.0 ft. used bevel wall bit. Weather and bleached sandstone, tan color.
12.0	18.0						Began coring with BX rods. Weathered and bleached tan sandstone. Highly broken.
18.0	29.0						Light gray sandstone, broken up with ironite staining in fractures.
29.0	43.0						Sandstone, well cemented, however, highly jointed and broken up.
43.0	63.0						Sandstone, occasional lamina of black shale, highly jointed and broken up. Bedding dip at 44.0 ft. is 74°N.
63.0	82.0						Lithology as above. 76.0 - 77.5 highly leached and bleached from ground water. 79.5 - 80.2 quartz and calcite veinlets and stringers.

DRILL HOLE LOG

Drill Hole No. MH-123

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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		
82.0	96.0							Light gray sandstone, well cemented-high R.Q.D.
96.0	110.0							Sandstone, occasional black shale lamina. Highly jointed and broken up. Shear zone.
110.0	125.0							Light gray sandstone, well cemented, high R.Q.D.
125.0	140.0							Sandstone as before.
140.0	154.0							Sandstone with black shale lamina as before.
170.0	183.0							As before, highly broken up.
183.0	196.0							As before, highly broken up.
196.0	210.0							As before, highly broken up.
								Bedding dip at 200.0 ft. is 81°N.
210.0	225.0							As before, highly broken up.
225.0	240.0							As before, highly broken up.
240.0	256.0							Sandstone as before, highly broken
256.0	271.0							As before, broken 256.0 - 266.0
271.0	286.0							Well cemented sandstone, qtz. veinlets occasionally.
286.0	301.0							Dominately sandstone as above, water leached voids
								290.0 - 292.0. Black shale lens 288.0 - 290.0
301.0	315.5							Light gray sandstone.
315.0	331.0							Light gray sandstone, occasional wisp of lamina of black shale.

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DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO ₄		
331.0	346.0							Light and dark gray sandstone.
346.0	351.5							As before.
351.5	361.0		344	9.5	2.873	10.2		Barite zone, very poor barite very scattered, small nodules.
361.0	363.0							Black shale
363.0	378.0							Interbedded black shale and gray sandstone.
378.0	393.0							As above, bedding dip at 383.0 fts. is 81°N.
393.0	408.0							As above.
408.0	422.0							Black and gray shales
422.0	431.0							As above.
431.0	437.0							Arkansas Novaculite leached and bleached from with to tan, upper member filled with spickeals from radiolaria.
				Bottomed on Novaculite				
				Total Depth 437.0 ft.				

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-123 0344		351.5-361.0		

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
#123					
0344		351.5-361	9.5	2.873	10.2