

Drill Hole No. MH-122

Date: 6-18-79

Bearing: N. 28° E. Inclination: 42° N.

Drilled By: Boyles Brothers (Wade Betts)

Coordinates: North 627,451.99 East 1,453,572.7

Logged By: Ferryl C. Gale

Elevation: 1,002.21

Total Depth: 320.0 BX Core

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO <sub>4</sub>		
				Eastman Camera Survey				
					Bearing	Dip		
				Surface	N.28°E.	42°N.		
				100.0'	N.28°E.	42°N.		
				200.0'	N.29°30'E.	36°45'N.		
				290.0'	N.28°30'E.	35°15'N.		
				320.0'	N.28°30'E.	35°15'N.		
0.0	10.0							Set casing with bevell wall bit to 10.0 ft. tan weathered sandstone.
10.0	23.0							Begin BX coring high weathered sandstone, highly broken.
23.0	39.0							Light gray sandstone, iron staining in fractures.
39.0	52.0							As above, qtz veinlets at 49 and 52 ft.
52.0	67.0							Sandstone as before occasional qtz. and calcite veinlets, fractured
67.0	81.0							As above, black shale lamina from 72.0 - 76.0 (slicken sides highly broken)
81.0	96.0							Sandstone as before
96.0	111.0							As before, bedding dip at 110.0 is 84° N.
111.0	125.0							Sandstone with occasional shale lamina.
125.0	140.0							Light gray sandstone, high R.Q.D. well cemented

## DRILL HOLE LOG

Drill Hole No. MH-122

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 <sub>4</sub>		
140.0	154.0							Sandstone with occasional black shale lamina.
154.0	170.0							As above.
170.0	185.0							Black shale with sandstone lamina, numerous qtz. and calcite veinlets.
185.0	199.0							Sandstone, sheared zone with qtz. and calcite filling fractures, slicken sides present 186-190 also 195-197.0
199.0	213.0							Bedding dip at 206 is vertical. 208 to 210 breccia, highly broken 208 to 211.0
213.0	228.0							Sandstone occasional shale lamina, high R.Q.D.
228.0	241.0							As above.
241.0	257.0							Sandstone very dark locally abundant calcite and qtz veinlets
257.0	271.2							Light gray sandstone
271.2	272.8		331		2.750			Barite, very poor
272.8	278.0		332		2.752			Barite zone, very poor
278.0	286.8		333		2.899	12.4		Barite zone, very poor
286.8	292.0							Black and gray shales. bedding dip at 300 ft. is 87°N.
292.0	319.5							As above
319.5	320.0							Arkansas Novaculite.

FANCY HILL DIAMOND DRILL HOLES  
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO <sub>4</sub>
MH-122					
0331		271.2-272.8			
0332		272.8-278.0			
0333		278.0-286.8			

FANCY HILL DIAMOND DRILL HOLES  
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG ≡	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO <sub>4</sub>
<u>#122</u>					
0331		271.2-272.8		2.750	
0332		272.8-278.0		2.752	
0333		278.0-286.8		2.899	12.4