

Drill Hole No. MH-134

Date: July 12, 1979

Bearing: N.20°E. Inclination: 25°N.

Drilled By: Boyles Bro. (Neil Brown, Wade Betts)

Coordinates: North 627,960.68 East 1,452,916.17

Logged By: Ferry C. Gale

Elevation: 939.38

Total Depth: 227.0 ft. 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.20°E.			25°N.
				70.0	N.21°E.			24°45'N.
				160.0	N.20°30'E.			23°45'N.
				225.0	N.19°30'E.			23°N.
				227.0	N.19°30'E.			23°E.
0.0	22.0							Used bevelwall bit to set casing to 8.0 ft.
								Lithology tan weathered sandstone, highly broken, wisps of black shale.
22.0	45.0							Weathered sandstone as above to 30.0 ft. Light gray sandstone 30.0 - 32.0 with limonite or ground water staining in fractures. 32.0 - 38.0, six foot of core loss possible shear zone or highly altered black shale lost while drilling.
45.0	68.0							Dominately sandstone, with black shale lamina.
68.0	102.0							Interbedded black shale and gray sandstone.
105.0	116.0							Light gray sandstone, abundant quartz and calcite veinlets or fracture fillings.
116.0	128.0							As above, brecciated 119.0 to 121.1, polished slickensides 126.0 - 127.0.

DRILL HOLE LOG

Drill Hole No. MH-134

Date: _____

Bearing: _____ Inclination: _____

Drilled By: _____

Coordinates: North _____ East _____

Logged By: _____

Elevation: _____

Total Depth: _____

DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO ₄	
128.0	131.0						Sandstone, uniform light gray.
131.0	146.0						Sandstone as above, 138.0 - 140.0 black shale unit.
146.0	161.0						Interbedded black shale and sandstone
161.0	176.0						Light and dark gray sandstone.
176.0	185.0						Sandstone and shale- drillers washed 4.0' core away 179.0 to 183.0
185.0	195.7		9515		3.228	37.8	Barite zone, low grade, highly broken core, scattered and isolated nodules of barite in black shale.
195.7	200.5		9516		3.016	22.1	Barite zone, low grade, scattered and isolated nodules of barite in black shale.
200.5	208.0		9517		2.917	14.0	Barite zone, very low grade, sparse nodules of barite in black shale.
208.0	212.0						Dark gray sandstone, quartz vein 208.0 - 208.1
212.0	212.4						Broken fragment of upper unit Arkansas Novaculite fault.
212.4	213.8						Interbedded shale and sandstone.
213.4	215.0						Tripolitic unit of upper member of Arkansas Novaculite.

Total Depth: _____

10/77

FANCY HILL - DIAMOND DRILL HOLES - PHASE II

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-134					
9515		185.0-195.7	10.7	3.228	37.8
9516		195.7-200.5	4.8	3.016	22.1
9517		205.9-208.0	$\frac{2.1}{17.6}$	$\frac{2.917}{3.13}$	$\frac{14.0}{31.03}$

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-134				
9515		185.0-195.7		
9516		195.7-200.5		
9517		205.0-208.0		