

DRILL HOLE RECORD

Drill Hole No.: MH-115 Inclination: 65°N
 Bearing: N 20E
 Property: Fancy Hill Center Pit
 Co-ordinates: North 627,564.25 East 1,453,788.49
 Elevation: 1084.95

Date: May, 1978
 Drilled By: Boyles Bros. - Bob Kesty, Wayne Cole, Wade Betts and Ricky Deaton
 Logged By: Ferryl C. Gale
 Total Depth: 190.0 Core 0.0 - 190.0

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
				Acid Test Survey (Down Hole)			
				Dip			AZ
			Surface	65°N			N. 20° E.
			95.0'	60°N			"
			190.0'	63°N			"
			T.D.	190.0			
0.0	23.0						Set casing (no core recovery)
23.0	38.0						Light gray sandstone, highly weathered. Highly broken and fractured 28.0 - 30.0 and also 31.0 - 32.0. About 5.0 ft. core loss in these intervals.
38.0	55.0						Lithology as above, 7.0 ft. core loss from 38.0 - 47.0, highly fractured and broken 38.0 - 47.0.
55.0	71.0						Lithology as above, highly fractured entire interval, locally gouge. (6.0 ft. core loss from this interval.)
71.0	97.5						Lithology as above, 5.0 ft. core loss from 72.0 - 77.0, 9.0 ft. core loss between 87.0 - 97.0
97.5	107.0						Lithology as above, 7.0 ft. core loss in this interval.
107.0	127.0		7623		38.65		Barite zone, low grade, approx. 40% BaSO4, laminated and scattered nodules.
127.0	130.0		7624		26.30		Barite zone, low grade, scattered nodules.
130.0	135.0						Gray Shale.

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Total Depth: _____

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FROM	TO			Sp. Gr.	BaSO ₄	Cond.	
135.0	139.0		7625		16.31		Barite zone, low grade, approx. 20% BaSO ₄
139.0	142.0		7626		23.74		Barite zone, low grade, approx 20% BaSO ₄
142.0	145.0		7627		17.23		Barite zone, dark gray shale, laminated barite, highly fractured.
145.0	149.0		7628		15.56		Barite zone, as before low grade, scattered nodules in gray shale.
149.0	152.0		7629		16.65		Barite zone, as before low grade.
152.0	160.0						Light gray fine grained sandstone occasional lamina of black shale. Bedding dip at 149.0 ft is 85°S.
160.0	168.3						Interbedded black and gray shale, locally shales are sandy. Bedding dip at 167.0 is 83°S.
168.3	183.0						As above, bedding dip at 182.0 ft. is 75 S. (5.0 ft. core loss 172.0-177.0) As above.
183.0	189.0						
189.0	190.0						Arkansas Novaculite.
				Total Depth	190.0		
				Bottomed on Novaculite. This hole was collared near the barite, this is not a good location because it is a highly fractured area.			

FANCY HILL - DIAMOND DRILL HOLES

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	A.P. SPECIFIC GRAVITY	CALCULATED % BaSO ₄
MDDH 115					
7623	6400	107-127	20.0	3.240	38.65
7624	6401	127-130	3.0	3.070	26.30
-	-	130-135	5.0	2.761	0.00
7625	6402	135-139	4.0	2.945	16.31
7626	6403	139-142	3.0	3.037	23.74
7627	6404	142-145	3.0	2.956	17.23
7628	6405	145-149	4.0	2.936	15.56
7629	6406	149-152	3.0	2.949	16.65
		Total	40.0		
		Weighted Average		3.070	26.33

Bottom Hole corals 627 653.41 1.453 827.00

917.08