

DRILL HOLE RECORD

Drill Hole No.: MH-119 Inclination: 30°N.

Bearing: N 25°E

Property: Fancy Hill Center Pit

Co-ordinates: North 628,429.51 East 1,451,637.69

Elevation: 1061.50

Date: August 1978

Drilled By: Boyles Bro. Bob Kesty, Wayne Cole, Wade Betts and Ricky Deaton

Logged By: Ferryl C. Gale

Total Depth: 206.0 Core 0.0-206.0

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
				Acid Test Survey (Down Hole)			
				Dip		AZ	
			Surface	30 N		N.25 E	
			100.0	30 N		N.25 E	628,508.00 1,451,674.27 EL. 1061.50
			206.0	32 N.		N.25 E @ 175'	628,565.64 1,451,701.17 971.76
			T.D.	206.0			
0.0	20.0						Set casing, no core recovery
20.0	25.0						Interbedded sandstone and shale, highly broken and weathered to a tan color, iron or limonite oxidation.
25.0	35.0						Gray sandstone, local ground water has stained sandstone to tan (iron staining).
35.0	48.0						Gray sandstone, locally thin lamina of black shale, bedding dip at 47.0 ft. is 88°N.
48.0	60.0						Interbedded sandstone and shale, light fractured and broken, heavy limonite staining.
60.0	73.0						Lithology as above, gauge zone 60.0 63.0, (two feet loss of core) Highly fractured and broken. Bedding dip at 69.0 ft. is 84°N.
73.0	84.0						Lithology as above, remains highly broken and fractured.
84.0	94.0						Lithology as above, highly broken and fractured as before.

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Date: _____

Property: _____

Drilled By: _____

Co-ordinates: North _____ East _____

Logged By: _____

Elevation: _____

Total Depth: _____

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
94.0	97.0						Breccia zone, cemented with carbon and manganese and silica.
97.0	105.0						Gray sandstone, well cemented, high R.Q.D. only occasional fracture.
105.0	116.0						Sandstone as before, highly fractured 109.0 - 115.0. Bedding dip at 105.5 is 80°N.
116.0	127.0						Interbedded sandstone and shale with occasional qtz. & calcite veinlets, well formed pyrite cubes in veinlets.
127.0	138.0						Interbedded sandstone and shale. Bedding dip at 129.0 ft. is 87°N.
138.0	149.0						Lithology as above. Bedding dip at 139.0 fts. is 85°N. North South fractures 147.0 - 149.0
149.0	155.0						Lithology as above.
155.0	160.0		7243				Barite zone, nodular and liminated barite in black shale, approx. 20% BaSO4. Bedding dip is 84°N.
160.0	164.0		7244				Barite zone, nodular and laminated barite in black shale, approx. 30% BaSO4, Bedded dip is 84°N
164.0	168.0		7245				Barite zone, barite as above. Bedding dip is 86°N.
168.0	171.0		7246				Barite zone, very poor, approx. 5% BaSO4 in Black shale.
171.0	174.0		7247				Barite zone, 45% BaSO4, large nodules of barite in black shale. Bedding dip. 88°N.

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MDDH 119					
7243	6000	155.0-160.0	5.0	3.194	35.44
7244	6001	160.0-164.0	4.0	3.311	43.43
7245	6002	164.0-168.0	4.0	3.123	30.29
7246	6003	168.0-171.0	3.0	2.831	6.44
7247	6004	171.0-174.0	3.0	3.217	37.05
7248	6005	174.0-178.0	4.0	3.224	37.54
7249	6006	178.0-181.6	3.6	3.190	35.15
7250	6007	181.6-185.0	3.4	3.296	42.44
7251	6008	185.0-189.0	4.0	3.413	49.95
7352	6009	189.0-192.0	3.0	2.949	16.65
7353	6010	192.0-196.0	4.0	2.863	9.29
		Total	41.0		
		Weighted Average		3.156	32.70 ✓