

DRILL HOLE RECORD

Drill Hole No.: MH-66 Inclination: 55°N
 Bearing: N.30 E.
 Property: Fancy Hill Center Pit
 Co-ordinates: North 627,472.57 East 1,453,367.33
 Elevation: 968.34

Date: January, 1979
 Drilled By: Boyles Bro. Roy Bane, Terry Bone,
Wade Betts and Ricky Deaton
 Logged By: Ferry C. Gale
 Total Depth: 451.0 ft. Core 0.0 - 451.0

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
			Acid Survey				
			Dip		AZ		
		Surface	55°N		N.30°E.		
		141.0'	52 1/2°N				
		241.0	49 1/2°N				
		351.0	48 1/2°N				
		451.0	43°N.				
0.0	6.0						Set casing, no core recovery
6.0	18.0						Interbedded gray fine grained sandstone and block shales. Highly fractured, very little weathering, weak limonite staining fractures.
18.0	29.0						As above, numerous bleds of marcasite, bedding dip 88°S. Moderately broken and fractured.
29.0	41.0						As above, bedding dip at 34.0 ft. is 86°S.
41.0	53.5						Sandstone, moderately broken and fractured. Bedding dip 44.0 ft. is 74°S.
53.5	67.0						Sandstone, occasional fracture, well cemented with silica, very competent.
67.0	79.5						Sandstone, as above.
79.0	89.0						Sandstone occasional lamina of black shale. Bedding dip at 79.5 ft. is 83°S.
89.0	99.5						As above, bedding dip at 90.0 ft. is 82°S.

DRILL HOLE RECORD

Drill Hole No.: MH-66 Inclinaton:

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.	
99.5	111.0						Sandstone, well cemented very competent, occasional qtz. veinlets.
111.0	122.0						Interbedded sandstone and shale. Bedding dip at 119.0 ft. is 89°N.
122.0	132.0						Sandstone as above. Bedding dip at 128.0 ft. is 85°S.
132.0	142.0						Interbedded sandstone and shale.
142.0	154.0						Sandstone as above.
154.0	164.0						Sandstone very competent.
164.0	176.0						Sandstone as before, locally becomes darker in color, 171.0 - 173.5 strong qtz. vein high carbon in fracture.
176.0	187.0						
187.0	197.5						Sandstone with occasional shale lamina. Bedding dip at 188.0 ft. is 86°S.
197.5	208.0						As above bedding dip at 205.0 ft. is 85°S. very competent sandstone.
208.0	220.0						Sandstone very competent, locally darker due to carbon rock.
220.0	231.0						As above.
231.0	242.5						As above, bedding dip at 235.0 is 88°S.
242.5	254.0						As above, bedding dip at 250' is 89°S.
254.0	265.5						Interbedded shale and sandstone, bedding dip at 263.0 ft. is 86°S.

DRILL HOLE RECORD

 Drill Hole No.: MH-66 Inclination: _____

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.	BaSO ₄	Cond.	
265.5	275.0						Sandstone, very competent, well cemented. Bedding dip at 274.5 ft. is 87°S.
275.0	287.0						Sandstone as above, very competent.
287.0	297.0						As above very competent, at 296.0 large bleb of marcasite in sandstone.
297.0	308.5						Sandstone very competent, bedding dip at 298.0 is 84°S.
308.5	320.0						As before, bedding dip at 316.5 ft. is 88°N.
320.0	331.5						Sandstone as before, well cemented.
331.5	342.0						Sandstone with lamina of black shale occasional, very large bleb of Marcasite at 339.0.
342.0	354.0						Interbedded sandstone and shale soft sediments deformation present. Bedding dip at 353.0 ft. is 83°S.
							Abundant Marcasite blebs.
365.0	365.0						As above.
365.0	372.0						As above, bedding dip at 366.0 ft. is 80°S.
372.0	388.0						As before, very competent.
388.0	389.6						Interbedded sandstone and shale soft sediment deformation.
389.6	392.2		8143				Barite zone, high grade approx. 60% BaSO ₄ , angular nodules fine grained barite also limestone texture. Bedding dip 82°S.

FANCY HILL - DIAMOND DRILL HOLES - PHASE I

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-66					
		38.49 42.08			
	8143	389.6-393.2	3.6	3.599	60.89
	8144	393.2-395.6	44.47 2.4	4.078	84.46
	8145	395.6-399.0	47.86 3.4	3.787	70.85
	8146	399.0-404.6	53.41 5.6	3.807	71.85
	8147	404.6-407.0	55.84 2.4	3.409	49.70
	8148	407.0-411.0	57.83 4.0	3.720	67.42
	8149	411.0-415.1	63.91 4.1	3.033	23.43
		415.1-419.2	68.00 4.1	No Sample	
	8150	419.2-424.0	72.79 4.8	2.874	10.25
		Total*	30.30		
		Weighted Average*		3.51	52.78
		Composite		3.643	55.56
		*Eliminating 415.1-419.2			
		Center Bore 400.3 ft			
		351 - 997			

Barite Intervals for MH-66

<u>Sample</u>	<u>Footage</u>	<u>%BaSO4</u>	<u>Specific Gravity</u>
8143	389.6-393.2		
8144	393.2-395.6		
8145	395.6-399.0		
8146	399.0-404.6		
8147	404.6-407.0		
8148	407.0-411.0		
8149	411.0-415.1		
8150	419.2-424.0		