

DRILL HOLE LOG

Drill Hole No. MH-76
 Bearing: N. 30° E. Inclination: 70° N.
 Coordinates: North 629,128.48 East 1,449,854.27
 Elevation: 1,159.80

Date: 2-10-79
 Drilled By: Boyles Brothers
 Logged By: Ferry C. Gale
 Total Depth: 360.0 ft.

DEPTH		%	SAMPLE	SAMPLE	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄	
					Trio-Par Survey		
					Dip		Bearing
				Surface	70° N.		N. 30° E.
				100.0'	70° N.		N. 27° E.
				200.0'	70° N.		N. 25° E.
				300.0'	69° N.		N. 23° E.
				360.0'	69° N.		N. 20° E.
				T.D.	360.0 ft.		
0.0	20.0						Set casing to 20.0 ft. no core recovery.
20.0	30.0						Interbedded sandstone and shale, highly weathered and leached, heavy iron staining in fractures.
30.0	40.0						Gray sandstone with heavy iron staining in fractures.
40.0	50.0						Interbedded dark gray and black shales, with lamina of gray sandy shales.
50.0	60.0						Gray sandstone with wisps of black shale.
60.0	70.0						Interbedded gray and black shales with gray sandstone.
70.0	80.0						Dark gray sandy shales with lenses and lamina black shale.
80.0	90.0						Gray sandstone, moderately cemented.
90.0	100.0						As above.
100.0	110.0						Gray sandstone.

DRILL HOLE LOG

Drill Hole No. MH-76

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		
110.0	120.0							Gray sandstone with wisps of black shales.
120.0	130.0							As above.
130.0	140.0							Gray sandstone with black shale lamina.
140.0	150.0							As above.
150.0	160.0							Gray sandstone with wisp of black shale.
160.0	170.0							Interbedded black and gray shales.
170.0	180.0							As above.
180.0	190.0							Interbedded gray sandstone and black shale.
190.0	200.0							As above.
200.0	210.0							Interbedded black and gray shales.
210.0	220.0							As above.
220.0	236.8							As above.
236.8	242.0		7552		3.195	35.507		Barite zone, low grade barite, nodular barite in black shale host rock.
242.0	246.0		7553		3.279	41.299		Barite zone, medium grade barite, numerous nodules of barite.
246.0	252.0		7554		3.225	37.818		Barite zone, as above.
252.0	275.4							Black shale
275.4	278.6		7555		3.532	57.08		Barite zone, medium to high grade barite, numerous nodules with heavy lamination of barite in black shales.

Drill Hole No. MI-76

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	
278.6	284.0		7556		3.508	55.681	Barite zone, medium grade barite as above.
284.0	288.0		7557		3.995	80.784	Barite zone, high grade massive barite.
288.0	294.0		7558		3.781	70.549	Barite zone, high grade massive barite.
294.0	300.0		7559		3.880	75.424	Barite zone, high grade massive barite.
300.0	305.0		7560		3.636	62.93	Barite zone, high grade heavy lamination to massive barite.
305.0	308.1		7561		3.374	47.819	Barite zone, medium grade nodular to heavy laminated barite in black shales.
308.1	311.0		7562		3.871	74.992	Barite zone, high grade, massive grade.
311.0	311.5						Black shale
311.5	314.0		7563		3.572	59.370	Barite zone, medium grade heavy nodular barite.
314.0	315.5						Black shale, no visible barite.
315.5	319.0		7564		3.997	80.874	Barite zone, high grade massive
319.0	323.0		7565		3.779	70.448	Barite zone, high grade massive barite.
323.0	326.0		7566		3.320	44.02	Barite zone, medium grade nodular barite in black shales
326.0	328.0		7567		3.841	73.534	Barite zone, high grade, heavy lamination to massive barite.
328.0	330.6		7568		3.011	21.69	Barite zone, low grade, sparsely scattered nodules of barite in black shales.
330.6	340.0						Interbedded black and gray shale.

Total Depth: _____

10/77

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-76					
7552		236.8-242.0	6.2	3.195	35.507
7553		242.0-246	4.0	3.279	41.299
7554		246-252	6.0	3.225	37.818
7555		275.4-478.6	3.2	3.532	57.080
7556		278.6-284.0	5.4	3.508	55.681
7557		284-288	4.0	3.995	80.784
7558		288-294	6.0	3.781	70.549
7559		294-300	6.0	3.880	75.424
7560		300-305	5.0	3.636	62.930
7561		305-308.1	3.1	3.374	47.819
7562		308.1-311.0	2.9	3.871	74.992
7563		311.5-314	2.5	3.572	59.370
7564		315.5-319	3.5	3.997	80.874
7565		319-323	4.0	3.779	70.448
7566		323-326	3.0	3.320	44.020
7567		326-328	2.0	3.841	73.534
7568		328-330.6	2.6	3.011	21.690
		Total	69.4		
		Weighted Average		3.572	59.35

Barite Intervals for MH-76

<u>Sample</u>	<u>Footage</u>	<u>%BaSO₄</u>	<u>Specific Gravity</u>
7552	235.8-242.0		
7553	242.0-246.0		
7554	246.0-252.0		
7555	275.4-278.6		
7556	278.6-284.0		
7557	284.0-288.0		
7558	288.0-294.0		
7559	294.0-300.0		
7560	300.0-305.0		
7561	305.0-308.1		
7562	308.1-311.5		
7563	311.5-315.5		
7564	315.5-319.0		
7565	319.0-323.0		
7566	323.0-326.0		
7567	326.0-328.0		
7568	328.0-330.6		