

Drill Hole No. MH-86

Date: _____

Bearing: N. 26° E. Inclination: 45° N.

Drilled By: Boyles Brothers

Coordinates: North 628,682.86 East 1,450,472.44

Logged By: Ferryl C. Gale

Elevation: 1,082.69

Total Depth: 343.0 ft.

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
				Tro-Pari Survey	Bearing		Dip	
				Surface	N. 26° E.		45° N	
				143.0	N. 26° E.		42° N	
				243.0	N. 26° E.		39° N	
				343.0	N. 26° E.		46° N	
				Total Depth 343.0 ft.				
0.0	20.0							Set casing, no sample recovery.
20.0	32.0							Light gray, fine grained sandstone bleached and
								leached, heavy limonite staining in fractures.
32.0	44.0							Sandstone leach and bleached with wisps of black
								shale.
44.0	54.0							Sandstone with occasional wisps of black shale.
54.0	64.0							Sandstone as above.
64.0	74.0							Sandstone as above, bedding dip at 70.0 ft. is 87° S.
74.0	84.0							Interbedded black shale and gray sandstone, bedding
								dip at 83 ft. is 84° S.
84	94.0							Interbedded as before.
94.0	105.0							Gray fine grained sandstone well cemented, high
								R.Q.D. occasional fractured.
105.0	117.0							Sandstone, with carbon filled fractures, lenses of
								black shale, moderately fractured.

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DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
117.0	128.0							Sandstone, as above.
128.0	140.0							Sandstone scattered wisps of black shales, occasional veinlets of quartz and calcite.
140.0	152.0							Sandstone as above.
152.0	165.0							Black shales, lamina of gray fine grained sandstone.
165.0	177.0							Sandstone with scattered quartz and calcite veinlets.
177.0	189.0							Black shales abundant marcasite veneering fractured bedding dip at 180' is 83°S.
189.0	200.0							Black shales, highly broken shear zone.
200.0	212.0							Sandstone with occasional quartz and calcite veinlets
212.0	224.0							Black shale, gnarled bedding.
224.0	236.0							Black shale, highly broken shear zone.
236.0	248.0							Interbedded black shale with occasional lamina of sandstone.
284.0	260.0							Interbedded black as before.
260.0	267.8							Interbedded black and gray shales
267.8	270.0		7569		2.985	19.6		Barite zone, low grade, scattered nodules of barite in black shales.
270.0	273.0		7570		3.039	23.9		Barite zone, low grade nodular barite in black shale.
273.0	276.0		7571		3.353	46.161		Barite zone, medium grade, nodular and laminated barite in black shale.

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DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO ₄		
276.0	280.0		7572		3.256	39.743		Barite zone, medium grade as above.
280.0	283.0		7573		2.843	7.512		Barite zone, low grade scattered nodules.
283.0	287.9							Black shale, sandy.
287.9	294.0		7574		3.688	65.731		Barite zone, high grade numerous nodules and
								thinly bedded lamina of barite in black shales.
294.0	298.0		7575		3.753	69.124		Barite zone, high grade abundant nodules of barite.
298.0	301.8		7576		3.592	60.496		Barite zone, medium to high grade, laminate to massive
								barite.
301.8	305.8		7577		3.689	65.785		Barite zone, high grade laminate to massive barite in
								black shale.
305.8	306.5							Black shale.
306.5	308.7		7578		3.769	69.941		Barite zone, high grade, massive to heavily laminate
								of barite.
308.7	312.4		7579		3.691	65.891		Barite zone, high grade barite, massive.
312.4	316.8		7580		3.973	79.783		Barite zone, massive and heavily laminate barite
								in black shale.
316.8	320.8		7581		3.373	47.439		Barite zone, medium grade barite, nodular with thin
								lamina of barite.
320.0	332.0							Black shales thinly bedded with gray sandstone bedding
								dip at 330.0 ft. is 87° S.

DRILL HOLE LOG

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Drilled By: _____

Coordinates: North _____ East _____

Logged By: _____

Elevation: _____

Total Depth: _____

[illegible]

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO4
MH-86					
7569		267.8-270	2.2	2.985	19.600
7570		270-273.1	3.1	3.039	23.900
7571		273.1-276	2.9	3.353	46.161
7572		276-280	4.0	3.256	39.743
7573		280-283	3.0	2.843	7.512
7574		287.9-294	6.1	3.688	65.731
7575		294-298	4.0	3.753	69.124
7576		298-301.8	3.8	3.592	60.496
7577		301.8-305.8	4.0	3.689	65.785
7578		306.5-308.7	2.2	3.769	69.941
7579		308.7-312.4	3.7	3.691	65.891
7580		312.4-316.8	4.4	3.973	79.783
7581		316.8-320.8	4.0	3.373	47.439
		Total	45.2	3.504	55.46

Barite Interval for MH-86

<u>Sample</u>	<u>Footage</u>	<u>%BaSO₄</u>	<u>Specific Gravity</u>
7569	267.8-270.0		
7570	270.0-273.1		
2571	273.1-276.0		
7572	276.0-280.0		
7573	280.0-283.0		
7574	287.9-294.0		
7575	294.0-298.0		
7576	298.0-301.8		
7577	301.8-305.8		
7578	306.5-308.7		
7579	308.7-312.4		
7580	312.4-316.8		
7581	316.8-317.6		