

Drill Hole No. MH-73

Date: February 22, 1979

Bearing: N. 22° E. Inclination: 25° N.

Drilled By: Boyles Brothers

Coordinates: North 629,326.52 East 1,449,328.88

Logged By: Ferryl C. Gale

Elevation: 1141.84

Total Depth: 205.5

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BeSO ₄		
					Tro Pari Survey			
					Dip		AZ	
				Surface	25° N.	N 22° E.		
				104.0	27° N.	N 10 1/2° E.		
				204.0	37° N.	N 30° E.		
				Total	Depth	205.5		
0.0	21.0							Set Casing (no core recovery).
21.0	28.0							Highly weathered sandstone, tan in color.
								sandstone friable heavy limonite staining in
								fractures.
28.0	30.0							Interbedded gray and black shale. Bedding dip
								at 29.0 ft. is 86° N.
30.0	35.0							Sandstone highly weathered as above.
35.0	51.0							Sandstone as above, highly broken.
51.0	58.0							Weathered sandstone as above.
58.0	63.0							Light gray sandstone, occasional wisps of
								black shale.
63.0	77.0							Light gray sandstone, bedding dip at 72ft.
								is 83° N.
77.0	90.0							Light gray sandstone, friable leached.
								occasional limonite staining in fractures.

DRILL HOLE LOG

Drill Hole No. MH-73

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		
90.0	104.0							As above.
103.0	107.0							Dark gray sandy shale.
107.0	117.0							Light gray sandstone, contorted bedding due to soft sediment deformation.
117.0	129.0							Interbedded dark gray sandy shale and gray sandstone (fault zone 127.0-128.0) highly broken and sheared.
129.0	140.3							Light gray sandstone
140.2	142.0		7724					Barite zone, low grade, approx. 10% BaSO ₄
142.0	148.0		7725					Barite zone, low grade approx. 30% BaSO ₄ .
148.0	152.0		7726					Barite zone, low grade, approx. 20% BaSO ₄ .
152.0	163.0							Light gray shale, highly broken.
163.0	167.0		7727					Barite zone, high grade 60% BaSO ₄ , bedding dip at 165.0 is 68°S.
167.0	171.0		7728					Barite zone, high grade, approx. 70% BaSO ₄ massive.
171.0	175.0		7729					Barite zone, high grade 60% BaSO ₄ , massive to elongate nodules with bedding.
175.0	178.3		7730					Barite zone, high grade as above.
178.3	182.0		7731					Barite zone, high grade as above.

Date: _____

Drilled By: _____

Logged By: _____

Total Depth: _____

10/77

Barite Intervals for MH-73

<u>Sample</u>	<u>Footage</u>	<u>%BaSO₄</u>	<u>Specific Gravity</u>
7724	140.3-142.0		
7725	142.0-148.0		
7726	148.0-152.0		
7727	163.0-167.0		
7728	167.0-171.0		
7729	171.0-175.0		
7730	175.0-178.3		
7731	178.3-182.0		
7732	182.0-186.0		
7733	186.0-189.0		
7734	189.0-196.0		
7735	196.0-199.0		

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO4
MH-73					
7724		140.3-142	1.7	3.072	26.45
7725		142.0-148.0	6.0	3.265	40.35
7726		148.0-152.0	4.0	3.049	24.68
7727		163.0-167.0	4.0	3.319	43.95
7728		167.0-171.0	4.0	3.789	70.95
7729		171.0-175.0	4.0	3.697	66.21
7730		175.0-178.3	3.3	3.686	65.62
7731		178.3-182.0	3.7	3.692	65.94
7732		182.0-186.0	4.0	3.701	66.42
7733		186.0-189.0	3.0	3.615	61.78
7734		189.0-196.0	7.0	3.718	67.31
7735		196.0-199.0	3.0	3.068	26.15
		Total	47.7		
		Weighted Average		3.500	55.19