

Drill Hole No. MH-127 Fancy Hill
 Bearing: N.32°E. Inclination: 55°N.
 Coordinates: North 627,636.18 East 1,453,248.48
 Elevation: 1,016.87

Date: July 3, 1979 completed
 Drilled By: Boyles Brothers
 Logged By: Ferryl C. Gale
 Total Depth: 300.0' BX Core

DEPTH		%	SAMPLE	SAMPLE	ANALYSES		DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄	
					Eastman Camera Survey		
					Bearing		Dip
				Surface	N.32°E.		55°N.
				100'	N.32°30'E.		52°30'N.
				200'	N.32°30'E.		48°N.
				300'	N.32°30'E.		43°N.
				300'	N.31°E.		43°N.
0.0	10.0						Set casing to 10.0 ft. with bevel wall bit, highly bleached and weathery micous sandstone, highly broken.
10.0	23.0						Light gray sandstone, highly broken limonite staining in fractures.
23.0	40.0						Gray medium to fine grained sandstone, well cemented, high R.Q.D.
40.0	57.0						Sandstone with occasional lamina of black shale, locally marcasite filling fractures.
							Shear zone 43.0 - 45.0 ft.
57.0	85.0						Sandstone as above, occasional lamina of black shales, highly broken and sheared in shale.
85.0	101.0						As above, with minor thin shale lamia, bedding dip at 93.0 ft. is 88°S.

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Elevation: _____

Total Depth: _____

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
101.0	116.0							As above, highly broken and fractured 110.0 - 116.0
116.0	134.0							Interbedded black shale and gray sandstone.
134.0	148.0							Gray sandstone, occasional lamina of black shale, well cemented, high R.Q.D.
148.0	163.0							Sandstone, high R.Q.D. Well cemented, very competent
163.0	177.0							Sandstone as above, occasional wisp of black shale.
177.0	192.0							Sandstone, as above.
192.0	207.0							Sandstone as above, bedding dip at 201.0 is vertical at 205.0 abundant marcasite nodules.
207.0	222.0							Interbedded black shale lamina and gray sandstone, large bleb of marcasite taken at 221.0 for sulphur isotope testing.
222.0	237.0							Sandstone occasional lamina of black shale.
237.0	247.8							As above, high R.Q.D.
247.8	252.5		345		3.711	66.9		Barite zone, high grade, massive grading to nodular
252.5	257.2		346		3.929	77.7		Barite zone, massive barite high grade.
257.2	266.9		347		3.891	76.0		Barite zone, high grade, massive barite, well developed angular nodules in massive.
266.9	272.5		348		3.688	65.7		Barite zone, high grade, massive to nodular barite.
272.5	282.0		9502		2.922	14.4		Barite zone, low grade, scattered nodules.

DRILL HOLE LOG

Drill Hole No. MH-127

Date: _____

Bearing: _____ Inclination: _____

Drilled By: _____

Coordinates: North _____ East _____

Logged By: _____

Elevation: _____

Total Depth: _____

[illegible]

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-127					
0345		247.8-252.5	4.7	3.711	66.9
0346		252.5-257.2	4.7	3.929	77.7
0347		257.2-266.9	9.5	3.891	76.0
0348		266.9-272.5	5.6	3.688	65.7
9502		272.5-282.0	9.5	2.922	14.4
9503		282.0-287.2	<u>5.2</u>	<u>2.849</u>	<u>8.0</u>
			39.2	3.47	53.54

FANCY HILL DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-127					
0345		247.8-252.5			
0346		252.5-257.2			
0347		257.2-266.9			
0348		266.9-272.5			
9502		272.5-282.0			
9503		282.0-287.2			