

DRILL HOLE RECORD

 Drill Hole No. MH-39 Inclination: _____

 Date: June 1978

Property: _____

 Drilled By: Boyles Bros.

 Co-ordinates: North 627, 773.51 East 1,453, 035.31

 Logged By: Ferryl C. Gale

 Elevation: 1040.61

 Total Depth: T.D. 319.0'

Bearing: N 25 E Inclination: 64°N.

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
0.0	10.0						Set casing, no sample recovery.
10.0	25.0						Sandstone, highly bleached & highly weathered, locally gouge, occasional wisps of black shale. Bedding dip at 13.0' is 76°S.
25.0	36.5						Lt. gray sandstone, locally weathered & oxidized, w/ limonite staining in fractures. Scattered lamina of black shale. Bedding dip at 30.0' is 89°S.
36.5	53.0						Sandstone as before (6.0' core loss)(46.0-52.0 fault.
53.0	63.4						Sandstone, as before, occasional shale lenses. Bedding dip at 62.0' is 88°S.
63.4	71.0						Black shale lens. Bedding dip at 69' 87°S.
71.0	76.0						Lt. gray fine grained sandstone.
76.0	86.0						Black shale, w/ scattered lamina of sandstone. Bedding dip 84' is 88°S.
86.0	96.5						Sandstone as before, well cemented. Bedding dip at 96.0' is 85°S.
96.5	109.0						Sandstone as above, Bedding dip at 102.0' is 78°S.

DRILL HOLE RECORD

Drill Hole No.: MH-39 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.	
109.0	121.0						Sandstone as before, Bedding dip at 113.0' is 87°S. (Very competent sandstone)
121.0	132.0						Sandstone as before, locally dark gray color due to amount of carbon, Bedding dip at 131.0' is 81°S.
132.0	142.0						Sandstone as before, occasional wisps of black shale. Bedding dip 140' is 84°S.
142.0	153.1						Sandstone as before. Bedding dip at 151' is 82°S.
153.1	164.1						Sandstone as before. well cemented, very competent.
164.1	175.0						Sandstone as before, Bedding dip at 170' is 82°S.
175.0	186.3						Sandstone as before.
186.3	197.6						Sandstone as before, locally interbedded sandstone & shale lamina. Bedding dip at 191.0 is 75°S.
197.6	208.9						Dark gray sandstone, gnarled bedding locally, Bedding dip at 202.0' is 71°S.
208.9	220.2						Sandstone as before w/ wisps of black shale. Bedding dip at 211.0' is 71°S.

DRILL HOLE RECORD

 Drill Hole No.: MH-39 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.	
220.2	231.0						Sandstone as before. Bedding di at 222.0 is 71°S.
231.0	236.3						Dark gray sandstone w/ wisps of black. Bedding dip at 236.0' is 78°S.
236.3	238.8		2930	2.5'			Barite zone, med. grade, 40% BaSO ₄ , angular nodular barite, has appearance of predipitate.
238.8	242.6		2931				Barite zone, med grade, approx 50% BaSO ₄ , angular barite nodules in gray shales.
242.6	246.3		2932				Barite zone, med grade approx 50% BaSO ₄ , fine grained barite also scattered nodules.
246.3	250.2		2933				Barite zone, med grade approx. 50% BaSO ₄ , as above.
250.2	254.0		2934				Barite zone, med grade, approx 40%. Bedding dip at 252.0' is 80°S.
254.0	256.7		2935				Barite zone, med grade approx 40% BaSO ₄ , Bedding dip at 255.5 is 82°S.
256.7	261.0		2936				Barite zone, med grade 50% BaSO ₄ , Bedding dip at 260.0' is 75°S.
261.0	265.0		2937				Barite zone, med grade 50% BaSO ₄ , Bedding dip at 262.0' is 82°S.

DRILL HOLE RECORD

Drill Hole No.: MH-39 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.	
265.0	269.0		2938				Barite zone, med grade, 50% BaSO ₄ , Bedding dip at 266.0' is 85°S.
269.0	271.9		2939				Barite zone, low-medium grade approx 35% BaSO ₄ , scattered nodular barite in black shale, nodules elongated along bedding plane.
271.9	275.0		2940				Barite zone, low grade, scattered barite nodules in gray shale. approx 20% BaSO ₄ . Bedding dip at 273.0 is 78°S.
275.0	279.0		2941				Barite zone, low grade, 10% BaSO ₄ , scattered Barite nodules in gray shale, bedding dip at 276.5' is 85°S.
279.0	283.0		2942				Barite zone, low grade, 10% BaSO ₄ , scattered large nodules in gray & black shale. Bedding dip at 285.0' is 82°S.
283.0	297.5						Interbedded gray & black shale. Bedding dip at 296.0' is 87°S.
297.5	308.0						Black shale silicious cement, carbon rich locally. Bedding dip at 306.0' is 87°S.
308.0	313.0						Gray shale, highly broken fault. irregular contact broken fragments of novaculite w/ gray shale core.

DRILL HOLE RECORD

Drill Hole No.: MH-39 Inclination: _____

Date: _____

Property: _____

Drilled By: _____

Co-ordinates: North _____ East _____

Logged By: _____

Elevation: _____

Total Depth: _____

[illegible]

Bottom hole corrd	627,885.81	1,453,098.19	748.74
-------------------	------------	--------------	--------

FANCY HILL - DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	A.P. SPECIFIC GRAVITY	CALCULATED % BaSO ₄
MDDH 39					
2930	4200	236.3-238.8	2.5	3.564	58.92
2931	4201	238.8-242.6	3.8	3.771	70.04
2932	4202	242.6-246.3	3.7	3.858	74.36
2933	4203	246.3-250.2	3.9	3.841	73.53
2934	4204	250.2-254	3.8	3.827	72.85
2935	4205	254-256.7	2.7	3.758	69.38
2936	4206	256.7-261	4.3	3.635	62.88
2937	4207	261-265	4.0	3.309	43.30
2938	4208	265-269	4.0	2.966	18.05
2939	4209	269-271.9	2.9	2.986	19.68
2940	4210	271.9-275	3.1	2.965	17.97
2941	4211	275-279	4.0	2.857	8.76
2942	4212	279-283	4.0	2.867	9.64
			Total	46.7	
			Weighted Average	3.40	48.98