

DRILL HOLE LOG

Drill Hole No. MH-131 Fancy Hill

Date: July 1979 (completed)

Bearing: N.23°E. Inclination: 30°N.

Drilled By: Boyles Bro. (Neil Brown, Wade Betts)

Coordinates: North 628,318.0 East 1,451,790.0

Logged By: Ferryl C. Gale

Elevation: 1051.0

Total Depth: 256.0 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.23°E.		30°N.
				85.0	N.23°E.		30°N.
				185.0	N.22°30'E.		25°15'N.
				245.0	N.20°E.		23°N.
				256.0	N.20°E.		23°N.
0.0	8.0						Used rock bit to 8.0 ft. to set casing.
8.0	14.0						Highly weathered shales and sandstone.
14.0	30.0						Light gray, fine grained sandstone, limonited or ground water staining in fractures.
30.0	47.0						Dominately sandstone, black shale lense from 35.0 - 39.0 ft. shear zone 32.0 - 32.4 ft.
47.0	66.0						Sandstone as before, shale lamina 58.5 - 60.2
66.0	80.0						Sandstone with interbedded lamina of black shale Bedding dip at 74.0 ft. is 88°S.
80.0	93.0						Interbedded shales and sandstone.
93.0	103.0						Interbedded shales and sandstone.
103.0	110.0						Light gray sandstone
110.0	125.0						Sandstone as above, occasional black shale lamin
125.0	140.0						As above.

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Drilled By: _____

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Logged By: _____

Elevation: _____

Total Depth: _____

DEPTH		% RECOVERY	SAMPLE NUMBER	SAMPLE INTERVAL	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO				Sp. Gr.	BaSO ₄		
140.0	156.0							Sandstone, large pyrite bleb 154.0 taken for sulphur isotope testing, wisps of black shale around pyrite bleb.
156.0	171.0							Sandstone, grading from light to black in color, quartz vein 162.5 - 163.5 also slicken sides.
171.0	186.0							Light gray sandstone, bedding dip at 185.0 at 85°S.
186.0	201.8							Sandstone with occasional black shale lamina.
201.8	207.3		9560		3.04	24.0		Barite zone, poor barite, low grade, scattered angular nodules in black shales.
207.3	209.9		9561		3.17	33.7		Barite zone bedding dip at 207.5 85°S. low grade, occasional scattered well developed nodules elongate with bedding plane.
209.9	215.9		9562		2.94	15.9		Barite zone bedding dip at 210.0 is 88°S. Very low grade.
215.9	219.0		9563		3.02	22.4		Barite zone, low grade
219.0	225.5		9564		3.05	24.8		Barite zone, large 2 cm in diameter nodules scattered quartz and calcite veinlets 223.0 - 225.0
225.5	231.2		9565		3.06	25.5		Barite zone low grade, well developed nodules but scattered.

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Logged By: _____

Elevation: _____

Total Depth: _____

[illegible]

Barite Intervals for MH-131

<u>Sample No</u>	<u>Footage</u>	<u>%BaSO4</u>	<u>Specific Gravity</u>
9560	201.8-207.3		
9561	207.3-209.9		
9562	209.9-215.9		
9563	215.9-219.0		
9564	219.0-225.5		
9565	225.5-231.2		
9566	231.2-234.7		
9567	234.7-239.3		

FANCY HILL - DIAMOND DRILL HOLES - PHASE II

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH-131					
9560		201.8-207.3	5.5	3.04	24.0
9561		207.3-209.9	2.6	3.17	33.7
9562		209.9-215.9	6.0	2.94	15.9
9563		215.9-219.0	3.1	3.02	22.4
9564		219.0-225.5	6.5	3.05	24.8
9565		225.5-231.2	5.7	3.06	25.5
9566		231.2-234.7	3.5	2.95	16.7
9567		234.7-239.3	$\frac{4.6}{37.5}$	$\frac{2.80}{3.00}$	$\frac{3.6}{20.67}$