

Drill Hole No. MH-132 Fancy Hill

Date: July, 1979

Bearing: N. 22° 30' E. Inclination: 55° N

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

Coordinates: North 628,314.0 East 1,451,785.0

Logged By: Ferryl C. Gale

Elevation: 1050.0 ft.

Total Depth: 378.0 ft. BX Core

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO <sub>4</sub>		
					Eastman Camera Survey			
					Bearing			Dip
				Surface	N. 22° 30' E.			55° N.
				98.0	N. 22° 30' E.			55° N.
				198.0	N. 22° E.			51° N.
				298.0	N. 22° E.			48° N.
				373.0	N. 21° 30' E.			46° 30' N.
0.0	10.0							Rock bit down to 10.0 and set casing, no sample recovery.
10.0	24.0							Tan highly weathered sandstone 12.0' core loss.
24.0	37.0							Light gray sandstone, very competent high R.Q.D. limonite stains in fracture.
37.0	52.0							Light gray sandstone, occasional black shale lamina.
52.0	67.0							Dominately sandstone, occasional lens of black shale.
67.0	82.0							Sandstone, 168.0 - 74.0 black shale lense.
82.0	98.0							Light gray sandstone, well cemented high R.Q.D.
98.0	113.0							Sandstone with lenses of black shale 100.0 -

104.0. Bedding dip at 103.0 is vertical.

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Bearing: \_\_\_\_\_ Inclination: \_\_\_\_\_

Drilled By: \_\_\_\_\_

Coordinates: North \_\_\_\_\_ East \_\_\_\_\_

Logged By: \_\_\_\_\_

Elevation: \_\_\_\_\_

Total Depth: \_\_\_\_\_

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO <sub>4</sub>		
113.0	131.0							Interbedded black and gray sandstones.
								very competent high R.Q.D.
131.0	148.0							Lithology as above.
148.0	163.0							Interbedded black shales and light gray sandstones.
163.0	177.0							Interbedded black shales and sandstone
177.0	192.0							Light gray sandstone, occasional lamina of black shale. Large pyrite bleb in black shale at 178.0. Bedding dip at 189.0 is 88°N.
192.0	207.0							Sandstone, with lamina of black sandstone, black shales quartz veinlets 194.0 and scattered along interval.
								Bedding dip at 199.0 ft. is 87°N.
207.0	222.0							Very competent sandstone, high R.Q.D., well cemented.
222.0	238.0							Lithology as above.
238.0	253.0							" " " large bleb of pyrite in sandstone at 243.0 sample taken for sulphur isotope study.

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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 <sub>4</sub>	
253.0	268.0						Interbedded sandstone dark and light in color.
268.0	284.0						As above.
284.0	298.0						As above, very competent high R.Q.D. bedding dip at 298.0 is 89°S.
298.0	301.7		9590		2.97	18.4	Barite zone, low grade scattered angular nodules of barite in black shale. Bedding dip at 300.0 ft. is vertical
301.7	305.3		9591		3.11	29.3	Barite zone, low grade barite as before
305.3	309.0		9592		3.14	31.5	Barite zone, low grade, as before.
309.0	312.0		9593		2.97	18.4	Barite zone, low grade, as before
312.0	315.7		9594		2.90	12.5	Barite zone, low grade, as before.
315.7	320.0		9595		2.94	15.9	Barite zone, low grade.
320.0	323.7		9596		2.99	20.0	Barite zone, low grade.
323.7	328.0		9597		2.89	11.6	Barite zone, low grade scattered isolated nodules.
328.0	332.4		9598		2.86	9.0	Barite zone, low grade scattered isolated nodules
332.4	343.0						Interbedded fine grained gray sandstones and blackish sandstone and shales.

## Date: \_\_\_\_\_

Drilled By: \_\_\_\_\_

Logged By: \_\_\_\_\_

Total Depth: \_\_\_\_\_

10/77

FANCY HILL DIAMOND DRILL HOLES  
INDIVIDUAL CORE ANALYSIS BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO4
MH-132					
9590		298.0	- 301.7		
9591		301.7	- 305.3		
9592		305.3	- 309.0		
9593		309.0	- 312.0		
9594		312.0	- 315.7		
9595		315.7	- 320.0		
9596		320.0	- 323.7		
9597		323.7	- 328.0		
9598		328.0	- 332.4		

## FANCY HILL - DIAMOND DRILL HOLES - PHASE II

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO <sub>4</sub>
MH-132					
9590		298.0-301.7	3.7	2.97	18.4
9591		301.7-305.3	3.7	3.11	29.3
9592		305.3-309.0	3.7	3.14	31.5
9593		309.0-312.0	3.0	2.97	18.4
9594		312.0-315.7	3.7	2.90	12.5
9595		315.7-320.0	4.3	2.94	15.9
9596		320.0-323.7	3.7	2.99	20.0
9597		323.7-328.0	4.3	2.89	11.6
9598		328.0-332.4	<u>4.4</u>	<u>2.86</u>	<u>09.0</u>
			34.5	2.97	18.38

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9590		298.0	- 301.7		
9591		301.7	- 305.3		
9592		305.3	- 309.0		
9593		309.0	- 312.0		
9594		312.0	- 315.7		
9595		315.7	- 320.0		
9596		320.0	- 323.7		
9597		323.7	- 328.0		
9598		328.0	- 332.4		