

## DRILL HOLE RECORD

 Drill Hole No.: MH-116 Inclination: 54°N

 Bearing: N16°E

 Property: Fancy Hill

 Co-ordinates: North 628,089.038 East 1,452,373.20

 Elevation: 1,040.29

 Date: July 7, 1978 Completed

 Drilled By: Boyles Bros. Bob Kesty

 Logged By: Ferryl C. Gale

 Total Depth: T.D. 235.0' Core 0.0-235.0

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
0.0	15.0						Setting Case. No sample recovery
15.0	32.0						Interbedded gray and black sandstone.
32.0	42.0						Lithology as before, highly fractured. Possible east west fault.
42.0	54.0						Light gray sandstone, moderately cemented, occasional fracture filled with qtz. and possible gypsen.
54.0	65.0						Sandstone as above plus well cemented. Occasional wisps of black shale.
65.0	75.0						Interbedded sandstone and shale. Bedding dip is 88°N. High broken 67.0 - 68.0.
75.0	86.0						Interbedded as above mostly sandstone.
86.0	97.0						Interbedded sandstone, with gypsen in fracture.
97.0	109.5						Sandstone and gray shale veinlets of qtz. and calcite.
109.5	120.5						Light gray sandstone as before.
120.5	130.5						Interbedded gray sandstone and black shales. Bedding dip at 125.0 is 84°S.
130.5	142.8						As before, bedding dip at 132.0' is 86°S.
142.8	152.8						Gray sandstone, interesting squeeze structures at 146.0'.
152.8	163.2						Light gray sandstone, well cemented moderately fractured.
163.2	174.5						Interbedded gray sandstone and black shales. Bedding dip at 167.0 is 86°S.

## DRILL HOLE RECORD

Drill Hole No.: MH-116 Inclination: \_\_\_\_\_Date: July 7, 1978

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 <sub>4</sub>	Cond.	
174.5	177.0						As above
177.0	182.0		7638	3.323	44.22		Barite zone, low grade, approx. 30% BaSO <sub>4</sub> , scattered nodules of barite in gray shale. Bedding dip is 180.0 ft. 89°S.
182.0	185.0		7639	3.201	35.93		Barite zone as above low grade approx. 25% BaSO <sub>4</sub> .
185.0	187.0		7640	3.558	58.57		Barite zone, low grade, approx. 25% BaSO <sub>4</sub> . Bedding dip at 186.0 is 83°S.
187.0	192.0		7641	3.120	30.07		Barite zone, low grade, 30% BaSO <sub>4</sub> . Bedding dip 190.0 is 88°N.
192.0	196.0		7642	3.114	29.63		Barite zone, low grade, 30% BaSO <sub>4</sub> . Bedding dip at 194.0 is 88°S.
196.0	202.0		7643	2.879	10.69		Barite zone, low grade, approx. 20% BaSO <sub>4</sub> .
202.0	207.0		7644	2.924	14.55		As above
207.0	213.0		7645	2.871	9.99		Barite zone, large nodular barite in gray shale. 78°S is bedding dip at 210.0 ft.
213.0	217.0						Gray shales bedding dip at 215.0 ft. is 78°S.
217.0	227.0						Black shale, 224.0 to 227.0 highly fractured and broken.
227.0	234.8						Interbedded black and gray shales. Bedding dip at 229.5' 84°S.
234.8	235.0						Arkansas Novaculite,

## DRILL HOLE RECORD

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

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

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

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

11/70

## FANCY HILL - DIAMOND DRILL HOLES - PHASE II

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	A.P. SPECIFIC GRAVITY	CALCULATED % BaSO <sub>4</sub>
MH-116					
#1	7638	177-182	5.0	3.323	44.22
#2	7639	182-185	3.0	3.201	35.93
#3	7640	185-187	2.0	3.558	58.57
#4	7641	187-192	5.0	3.120	30.07
#5	7642	192-196	4.0	3.114	29.63
#6	7643	196-202	6.0	2.879	10.69
#7	7644	202-207	5.0	2.924	14.55
#8	7645	207-213	<u>6.0</u>	2.871	9.99
		TOTAL	36.00		
COMPOSITE		CALCULATED		3.07	26.28