

DRILL HOLE RECORD

 Drill Hole No.: MH-46 Inclination: 35°N

 Date: Aug 1978

 Property: Fancy Hill

 Drilled By: Boyles Bro: Leon Reeves

 Co-ordinates: North 626,133.069 East 1,457,228.245

 Logged By: Ferryl C. Gale

 Elevation: 949.6

 Total Depth: T.D. 117.0' Core

 Hole Bearing N 35 E

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
0.0	7.0						Rotaried to set casing, no sample recovery.
7.0	10.0						Highly weathered tan colored sandstone. Highly broken & fractured.
10.0	20.0						Lt. gray fine grained sandstone minute fractures filled w/ carbon or manganese. Occasional wisps of black shale. Bedding dip at 17.0' is 89°S. Large fractures contain heavy limonite staining.
20.0	31.0						Gray sandstone as above. Bedding dip at 30.0' is 85°S.
31.0	42.0						Sandstone as above plus occasional wisps of black shale. Bedding dip at 33.0' is 85°S. (fractured & sheared 34.0'-35.0')
42.0	52.5						Sandstone as above, (51.5 bedding dip 87°S)
52.5	53.0						Sandstone as above.
53.0	54.0						Black shale, barite zone, scattered barite nodules approx 5% BaSO4.
54.0	57.5						Gray sandstone,
57.5	59.0						Fault zone, brecciated, gouge, sheared & highly broken.

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DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO ₄	Cond.	
59.0	65.0						Gray sandstone, highly broken, influence of previous fault.
65.0	67.0						Highly broken, sheared black shale.
67.0	69.0						Lt. gray sandstone with occasional siliceous nodule.
69.0	72.0		7631				Barite zone, low grade, 10% BaSO ₄ , locally sandstone which has been altered, minor amounts of limonite, highly broken & fractured.
72.0	78.0		7632				Barite zone, low grade, approx 30% BaSO ₄ , (However from 72.5-73.0 high grade) altered locally, minor amounts of limonite locally.
78.0	82.0		7633				Barite zone, med grade approx 40% BaSO ₄ , has appearance of good grade but lacks specific gravite. Bedding dip at 79.0' is 74°S. Host rock black shale.
82.0	86.0		7634				Barite zone, med grade approx 40% BaSO ₄ , random orientation of some nodules. Bedding dip at 84.0' is 74°S.
86.0	89.0		7635				Barite zone, med grade approx 40%, Bedding dip at 87.0' is 67°S.

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[illegible]

Bottom hole corer 626, 211.61 1,457, 283.25 882.68

FANCY HILL - DIAMOND DRILL HOLES - PHASE II

INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	A.P. SPECIFIC GRAVITY	CALCULATED % BaSO ₄
MH-46					
#1	7630	53-54	1.0	2.975	18.79
#2	7631	69-72	3.0	3.641	63.20
#3	7632	72-78	6.0	4.010	81.46
#4	7633	78-82	4.0	3.671	64.82
#5	7634	82-86	4.0	3.476	53.78
#6	7635	86-89	3.0	3.376	47.63
#7	7636	89-92	3.0	3.229	37.89
#8	7637	92-95	<u>3.0</u>	3.091	27.90
		TOTAL	27.00		
COMPOSITE		CALCULATED		3.54	57.66