

Drill Hole No. MH-56

Date: Oct, 1978

Bearing: N. 26° E. Inclination: 65° N.

Drilled By: Boyles Bro. Harold Vest and Jr. Miller

Coordinates: North 626,055.0 East 1,457,097.0

Wade Betts and Ricky Deaton

Logged By: Ferryl C. Gale

Elevation: 917.0

Total Depth: 348.0 Core 0.0-348.0

DEPTH		%	SAMPLE	SAMPLE	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO	RECOVERY	NUMBER	INTERVAL	Sp. Gr.	BaSO ₄		
				Acid test	Survey	Down Hole		
					Dip	AZ		
				Surface	65° N.	N. 26° E.		
				100.0	62° N.	N. 26° E.		
				200.0	59° N.	N. 26° E.		
				300.0	57° N.	N. 26° E.		
				348.0	55° N.	N. 26° E.		
0.0	10.0							Set casing, with Rock bit.
10.0	23.0							Light gray sandstone with black shale lamina.
23.0	35.0							Sandstone as above, high R.Q.D.
35.0	47.0							Sandstone, very competent, high R.Q.D.
47.0	60.0							Interbedded black shales and gray sandstone.
60.0	70.0							As above.
70.0	83.0							Gray sandstone
83.0	95.0							Gray sandstone with black shale lamina.
93.0	107.0							As above, bedding dip is 70° S.
107.0	119.0							As above.
119.0	131.0							Interbedded light and dark sandstone.
131.0	143.0							Sandstone with wisps of black shale.
143.0	155.0							As above.
155.0	167.0							As above, high R.Q.D.

Drill Hole No. MH-56

Date: _____

Bearing: _____ Inclination: _____

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 ₄		
167.0	179.0							Sandstone, high R.Q.D.
179.0	190.0							Sandstone, high R.Q.D. occasional lamina
								black shale.
190.0	202.0							As above.
202.0	214.0							Interbedded black shale and gray sandstone.
214.0	226.0							As above.
226.0	238.0							Dominately sandstone thin lamina of shale.
238.0	250.0							Gray sandstone.
250.0	267.0							As above, high R.Q.D.
267.0	274.0							As above, high R.Q.D.
274.0	288.0							Gray sandstone with wisps of black shale.
288.0	300.0							As above.
300.0	306.2							As above.
306.2	307.3		7272		3.054	25.07		Barite zone, low grade, scattered nodules in
								black shale.
307.3	312.5		7273		3.831	73.04		Barite zone, high grade barite zone, massive
								barite.
312.5	315.0		7274		3.386	48.26		Barite zone, medium grade numerous nodules,
								laminated with black shale.
315.0	319.0		7275		3.016	22.09		Barite zone, low grade scattered nodules

Total Depth: _____

10/77

XC: Rod Naper 10-23-78

Milchem Incorporated

INTEROFFICE MEMORANDUM

TO: Bruce Templeton

DATE: October 19, 1978

FROM: Ferryl Gale

SUBJECT: Core Samples From
MH-56

CC: File

<u>Sample No.</u>	<u>Footage</u>	<u>Specific Gravity</u>	<u>% Barite</u>
7272	306.2 - 307.3		
7273	307.3 - 312.5		
7274	312.5 - 315.0		
7275	315.0 - 319.0		
7276	319.0 - 324.0		
7277	324.0 - 329.0		
7278	329.0 - 335.0		
7279	335.0 - 340.0		
7280	340.0 - 342.2		

Revised 2/21/79

FANCY HILL - DIAMOND DRILL HOLES
INDIVIDUAL CORE ANALYSES BY INTERVALS

SAMPLE	LOG #	DEPTH	INTERVAL	SPECIFIC GRAVITY	% BaSO ₄
MH - 56					
7272		306.2-307.3	1.1	3.054	25.07
7273		307.3-312.5	5.2	3.831	73.04
7274		312.5-315.0	2.5	3.386	48.26
7275		315.0-319.0	4.0	3.016	22.09
7276		319.0-324.0	5.0	3.299	42.63
7277		324.0-329.0	5.0	3.473	53.61
7278		329.0-335.0	6.0	3.341	45.39
7279		335.0-340.0	5.0	3.129	30.74
7280		340.0-342.2	2.2	3.057	25.30
		Total	36.0		
		Weighted Average		3.336	45.05

48.70

29.10