

## DRILL HOLE RECORD

Drill Hole No.: MDDH-2 Inclination: 70° N25EProperty: Fancy Hill

Co-ordinates: North \_\_\_\_\_ East \_\_\_\_\_

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

Date: Started 9/1/1976, completed 9/15/1976Drilled By: Sprague & Henwood - Bill DeiningerLogged By: Les FarringtonTotal Depth: 306.5'

DEPTH		SAMPLE RECOVERY	SAMPLE NUMBER	ANALYSES			DESCRIPTION OF MATERIAL DRILLED
FROM	TO			Sp. Gr.	BaSO4	Cond.	
							Interbedded sandstone, sandy shale, shale, and claystone. Sandstone is fine grained, micaceous, and lt. to dk. gray in color. Thinly laminated (.01') med. to dk. gray sandy shale and dk. gray to black shale lenses. Shale lenses (.01' - 2.5' generally less than .5' wide) are irregularly spaced except as noted. Disseminated pyrite is pervasive in most members and is observed locally in heavy concentrations along bedding planes, between contacts, and surrounding or comprising spherical and elongate nodules (ama .05' diam.) within the members as noted. Barite partially to completely replaces carbon (?) rich spherical and vermicular nodules (ama .08' diam.) and nodular lenses (generally less than .04' wide, mostly within the sandy shale members) in the interbedded sandy shale and shale members. Locally barite, massive in texture, is observed in widths in excess of 1'. Lower estimated percentages generally reflect larger amounts of unreplaced shale/sandy shale for the interval.
NOTE: 5/12/77 MINERAL REFERRED TO AS SCORODITE IN LOGS IS CHLORITE  TERM "CARBON" IS INCLUSIONS OR DISCOLORATION OF CRYSTALLINE MATERIAL							

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
0.0	2.0	50%		1.0'			Dk. gray to black shale, altered to clays. Heavily iron stained along bedding planes.
2.0	6.0	60%		2.4'			Lt. to med. gray sandstone, stained orange by iron oxides with lenses and clasts (ama .3' wide) dk. gray to black shale. Shale altered to clay. Heavily iron and manganese oxide stained, quartz filled fractures.
6.0	11.5'	45%		2.5'			Lt. to med. gray sandstone, stained orange locally by iron oxides with lenses and clasts (ama .2' wide) dk. gray shale. Shale altered to clay. Very closely spaced, iron and manganese oxide stained fractures.
11.5	15.0	100%		3.5'			Lt. gray sandstone, locally stained orange by iron oxides, with lenses dk. gray shale. Shale altered to clay. Very closely spaced, heavily iron and manganese oxide stained fractures.

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
15.0	22.0	85%		1.2'			Lt. gray sandstone, locally stained orange by iron oxides.
							Very closely spaced, iron and manganese oxide stained fractures.
				3.0'			Lt. gray sandstone with lenses (ama .04' wide) dk. gray to black shale.
							Closely spaced, pyrite/carbon filled fractures.
				1.7'			Lt. gray sandstone, locally heavily stained orange by iron oxides.
							Very closely spaced, iron and manganese oxide stained, pyrite/carbon filled fractures.
22.0	31.5	100%		9.5'			Med. gray sandstone, locally stained orange by iron oxides, with lenses and clasts (ama .04' wide) black shale.
							Closely to very closely spaced, iron oxide stained, pyrite/carbon filled fractures.
31.5	35.5	100%		4.0'			Med. gray sandstone.
							Closely to very closely spaced, quartz/pyrite filled fractures.

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FROM	TO			Sp. Gr.	BaSO4	Cond.	
35.5	39.5	100%		4.0'			Med. gray sandstone with lenses and clasts (ama .04 wide) black shale.
							Closely to very closely spaced, quartz/pyrite/carbon filled fractures.
39.5	47.5	91%		6.5'			Med. gray sandstone; with lenses and clasts (ama .02' wide, 42.5 - 43.0) black shale.
							Closely to very closely spaced, quartz/pyrite/carbon filled fractures.
47.5	56.5	100%		9.0'			Med. gray sandstone with lenses (ama .11' wide) and clasts of black shale.
							Closely spaced quartz/pyrite/carbon filled fractures, very closely spaced carbon filled fractures 47.5 - 48.5.
56.5	59.5	83%		2.5'			Med. gray sandstone with lenses (ama .02' wide) black shale.
							Closely spaced, heavily limonite stained, quartz/carbon filled fractures.

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
59.5	66.5	100%		7.0'			Med. gray sandstone. /carbon Closely spaced, quartz/pyrite filled fractures.
66.5	74.0	97%		1.5'			Med. gray sandstone with lenses and clasts (ama .1' wide) black shale. Closely spaced fractures.
				5.8'			Med. gray sandstone mottled by lt. gray lenses; with lenses and clasts (ama .1' wide) black shale. Closely to very closely spaced, quartz/pyrite/ carbon filled fractures.
74.0	85.0	95%		10.5'			Med. gray sandstone mottled by lt. gray lenses; with lenses and clasts (ama .15' wide) black shale. Closely to very closely spaced, quartz/carbon filled fractures (ama .01' wide). Quartz and scorodite (?) filled fracture at approx. 84.0.
85.0	95.3	100%		10.3'			Med. gray sandstone mottled by lt. gray lenses;

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
85.0	95.3						with lenses (ama .09' wide) and clasts of black shale.
							Closely to very closely spaced, quartz/carbon/pyrite/barite filled fractures (ama .03' wide).
95.3	100.5	92%		4.7'			Med. gray sandstone mottled by lt. gray lenses; with clasts (ama .03' wide) of black shale.
							Closely to very closely spaced, quartz/pyrite/carbon/barite filled fractures.
100.5	111.0	98%		1.0'			Dk. gray sandy shale with clasts of black shale. Heavy concentrations of pyrite along bedding planes.
				9.3'			Med. gray sandstone mottled by lt. gray lenses; with lenses and clasts (ama .1' wide) black shale.
							Closely to very closely spaced, quartz/ barite/ pyrite/ carbon filled fractures.
111.0	119.0	100%		8.0'			Med. gray sandstone mottled by lt. gray lenses;

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FROM	TO			Sp. Gr.	BaSO4	Cond.	
111.0	119.0						with scattered black shale clasts (ama .04' wide). Closely to very closely spaced, pyrite/quartz/ carbon filled fractures.
119.0	123.5	100%		4.1'			Med. gray sandstone, mottled by lt. gray lenses, with isolated clasts (ama .02' wide) of black shale. Closely to very closely spaced, pyrite/quartz/ carbon filled fractures.
				.4'			Dk. gray shale.
123.5	131.5	98%		4.6'			Med. to dk. gray sandstone with black shale lenses (ama .2' wide) Closely to very closely spaced, pyrite/barite/ carbon filled fractures. Lt. yellow, limonite stained, barite filled fractures, density ama 6/ft. 124.0 - 126.5, mostly subparallel to bedding.
				3.2'			Med. gray sandstone, mottled by lt. gray lenses, with black shale lenses and clasts (ama .25' wide). Closely to very closely spaced, barite/pyrite/

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FROM	TO			Sp. Gr.	BaSO4	Cond.	
123.5	131.5						carbon filled fractures.
131.5	136.5	100%		4.0'			Med. gray sandstone, mottled by lt. gray lenses, with lenses and clasts (ama .03' wide) black shale.
							Closely to very closely spaced, barite/pyrite/carbon filled fractures. Slickensides at 134.5.
				1.0'			Dk. gray sandy shale with lenses dk. gray to black shale and dk. gray sandstone. Locally high concentrations of pyrite along bedding planes and contacts.
136.5	146.5	100%		10.0'			Med. to dk. gray sandstone with lenses sandy shale and dk. gray to black shale (shale lenses ama .1' wide). Locally high concentrations of pyrite along bedding planes.
							Closely to very closely spaced, pyrite/barite/carbon filled fractures. Offset in bedding along barite and pyrite filled fracture at 137.0 of .05'. Very closely spaced, lt. yellow, limonite



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FROM	TO			Sp. Gr.	BaSO4	Cond.	
136.5	146.5						stained, barite filled fractures (density ama 11/ft.) 139.0 - 142.5, fractures subparallel to bedding.
146.5	155.0	100%		8.5'			Med. gray sandstone, mottled by lt. gray lenses, with lenses and clasts (ama .09' wide) of black shale.
							Closely to very closely spaced, barite/pyrite/qtz./carbon filled fractures. Very closely spaced, lt. yellow, limonite stained, barite filled fractures (density ama 7/ft.), mostly subparallel to bedding 147.0 - 149.5. Prominent zone of quartz and carbon filled fractures 154.0 - 155.0.
155.0	158.0	100%		1.0'			Med. to dk. gray sandstone.
							Very closely spaced carbon/pyrite filled fractures. Prominent zone of quartz and carbon filled fractures (very closely spaced) 155.0 - 157.5.
				2.0'			Med. gray sandstone, mottled by lt. gray lenses, with black shale lenses and clasts (ama .1' wide).
							Very closely spaced, barite/pyrite/carbon/quartz

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
155.0	158.0						filled fractures.
158.0	160.0	100%		2.0'			Med. gray sandstone, mottled by lt. gray lenses, with black shale lenses and clasts (ama .04' wide). High concentrations of barite/pyrite along bedding planes. Core very broken. Very closely spaced, barite filled fractures.
160.0	166.0	100%		1.0'			Med. gray sandstone with black shale lenses (ama .07' wide). High concentrations of pyrite along bedding planes and contacts. Very closely spaced fractures.
				3.5'			Black shale with lenses med. gray sandstone. High concentrations of pyrite along bedding planes, lesser amounts of barite. Closely spaced fractures.
				1.5'			Med. to dk. gray sandstone with black shale lenses and clasts (ama .04'). High concentrations of pyrite/barite along bedding. Core very broken
							164.0 - 165.0.

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FROM	TO			Sp. Gr.	BaSO4	Cond.	
166.0	171.0	100%		5.0'			Med. gray sandstone, mottled by lt. gray lenses, with black shale lenses and clasts (ama .15' wide). Closely to very closely spaced, barite/pyrite filled/ barite crystal lined fractures.
171.0	177.0	100%		1.0'			Med. gray sandstone, mottled by lt. gray lenses, with black shale lenses and clasts (ama .01' wide). Very closely spaced, barite/pyrite filled fractures.
				5.0'			Dk. gray sandstone with lenses and clasts (ama .08' wide) of black shale. High concentrations of pyrite along bedding planes and between contacts. Closely spaced, pyrite filled fractures.
177.0	185.0	99%		7.9'			Med. to dk. gray sandstone with black shale lenses and clasts (ama .13' wide). High concentrations locally of pyrite, disseminated/along bedding planes/between contacts/rimming clasts. Contains pyrite filled nodules (ama .04' diam.)

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FROM	TO			Sp. Gr.	Ba\$04	Cond.	
177.0	185.0						and nodular lenses (ama .01' wide). Closely to very closely spaced, barite/pyrite filled/barite crystal lined/unmineralized fractures Very closely spaced lt. yellow, limonite stained, barite filled fractures (density ama 6/ft.), mostly subparallel to bedding 177.0 - 178.0).
185.0	195.0	99%		2.1'			Med. to dk. gray sandstone with black shale lenses and clasts (ama .05' wide). Sporadic carbon rich nodules (<.01' diam.) partially replaced by barite ( 2% locally). Closely spaced, pyrite/barite/carbon filled/unmin- eralized fractures.
				7.8'			Dk. gray sandy shale with black shale lenses. Contains spherical and enlongate, carbon rich nodules (ama .05' diam.), partially replaced by barite.
							188.9 - 190.9 10-15%
							192.0 - 194.9 10-15%
							Closely spaced, unmineralized fractures. Very

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
185.0	195.0						closely spaced, lt. yellow, limonite stained, barite filled fractures 187.0 - 189.0.
195.0	204.5	100%		9.5'			Med. to dk. gray sandy shale with black shale lenses. Locally high concentrations of pyrite along bedding planes. Contains carbon rich nodules (ama 30%, ama .02' diam.), partially replaced by barite.
							195.1 - 195.5 <5%
							196.8 - 199.2 <5%
							199.2 - 200.0 10-15%
							200.4 - 201.4 10-15%
							Core very friable 202.0 - 202.5, 203.0 - 204.0. Closely to very closely spaced, barite/pyrite/ carbon filled/unmineralized fractures.
204.5	215.0	100%		1.8'			Interbedded med. gray to black shales and med. to dk. gray sandy shale with scattered dk. gray sand- stone lenses. Contains carbon rich nodules (ama .04' diam.), partially replaced by barite.

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
204.5	215.0						Heavy concentrations of pyrite along bedding planes /between contacts/rimming nodules.
							204.6 - 204.7 10-15%
							205.0 - 205.4 10-15%
							205.8 - 206.4 10-15%
				8.7'			Med. to dk. gray sandy shale with lenses black shale. Isolated med. gray sandstone lens (.07' wide) at 214.5. Locally high concentrations of pyrite along bedding planes/between contacts/rim- ming nodules. Contains carbon rich nodules (ama. .08' diam.), partially replaced by barite.
							206.7 - 207.3 10-15%
							207.3 - 211.2 <5%
							211.2 - 213.0 <2%
							Closely spaced, unmineralized fractures. Very closely spaced, lt. yellow limonite stained, barite filled fractures, subparallel to bedding 208.0 - 211.0.
215.0	225.5	100%		2.1'			Med. to dk. gray sandstone with lenses dk. gray

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FROM	TO			Sp. Gr.	BaSO4	Cond.	
215.0	225.5						sandy shale and dk. gray to black shale. Locally high concentrations of pyrite between contacts.
				2.0'			Med. gray sandstone, mottled by lt. gray lenses, with clasts (ama .02' wide) of black shale.
							Unmineralized fracture at 219.0.
				1.3'			Dk. gray sandstone with lenses and clasts (ama .04' wide) of black shale.
				.7'			black shale.
				4.4'			Dk. gray sandstone containing black shale lenses and clasts (ama .04' wide).
							Closely spaced, unmineralized fractures.
225.5	235.5	95%		.5'			Dk. gray sandstone containing black shale lenses and clasts.
				9.0'			Dk. gray sandy shale with lenses black shale and narrow lenses lt. gray expansive clays (lenses ama .06' wide). Core locally very friable

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215.0	225.5						sandy shale and dk. gray to black shale. Locally high concentrations of pyrite along bedding planes/ between contacts.
				2.0'			Med. gray sandstone, mottled by lt. gray lenses, with clasts (ama .02' wide) of black shale.
							Unmineralized fracture at 219.0.
				1.3'			Dk. gray sandstone with lenses and clasts (ama .04' wide) of black shale.
				.7'			Black shale.
				4.4'			Dk. gray sandstone containing black shale lenses and clasts (ama .04' wide).
							Closely spaced, unmineralized fractures.
225.5	235.5	95%		9.5'			Dk. gray sandstone, gradational to sandy shale, with black shale lenses (ama .14' wide) and lt. gray sandy clay lenses (ama .03' wide). 7' interval very friable and locally broken.
							Moderately closely spaced, unmineralized fractures.
235.5	245.5	100%		1.5'			Dk. gray sandy shale with lenses dk. gray sandstone



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FROM	TO			Sp. Gr.	BaSO4	Cond.	
235.5	245.5						and dk. gray to black shales. High concentrations of pyrite locally along bedding planes.
				8.5'			Barite replacing nodules and nodular lenses in med. to dk. gray sandy shale with dk. gray to black shale lenses.
							237.0 - 239.7 30-35%
							239.7 - 241.0 40-50%
							241.0 - 242.7 50-55%
							242.7 - 243.5 10-20%, high conc.'s disseminated pyrite.
							243.5 - 244.8 35-45%
							244.8 - 245.5 50-55%
							Closely to very closely spaced, barite crystal lined fractures.
245.5	255.5	100%		10.0'			Barite replacing nodules and nodular lenses in med. to dk. gray sandy shale with dk. gray to black shale lenses.
							245.5 - 245.9 50-55%
							245.9 - 246.9 55-65%

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245.5	255.5						246.9 - 248.0 40-45%
							248.0 - 249.7 35-45%
							249.7 - 252.0 45-55%
							252.0 - 255.2 40-50%
							255.2 - 255.5 50-60%
							Closely to very closely spaced, barite crystal lined/unmineralized fractures.
255.5	265.5	100%		10.0'			Barite replacing nodules and nodular lenses in med. to dk. gray sandy shale with dk. gray to black shale lenses.
							255.5 - 255.8 50-60%
							255.8 - 256.5 40-50%, high concentrations disseminated pyrite
							256.5 - 258.6 65-70%
							258.6 - 260.0 40-45%
							260.0 - 261.3 45-55%
							261.3 - 261.7 35-45%
							261.7 - 262.7 45-55%
							262.7 - 264.9 55-60%

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FROM	TO			Sp. Gr.	BaSO <sub>4</sub>	Cond.	
255.5	265.5						264.9 - 265.5 40-45%, high concentrations dis- seminated pyrite.
							Closely to very closely spaced, barite crystal lined fractures.
265.5	270.5	100%		5.0'			Barite replacing nodules and nodular lenses in med. to dk. gray sandy shale with dk. gray to black shale lenses.
							265.5 - 266.3 35-40%, high concentrations of disseminated pyrite.
							266.3 - 267.2 40-50%
							267.2 - 267.8 15-20%, heavy concentrations of pyrite rimming nodules.
							267.8 - 270.0 30-40%
							270.0 - 270.5 60-65%
							Closely to very closely spaced, barite crystal lined/unmineralized fractures.
270.5	278.0	64%		3.7'			Barite replacing nodules and nodular lenses in med. to dk. gray sandy shale with dk. gray to black

## DRILL HOLE RECORD

Drill Hole No.: MDDH-2 Inclination: \_\_\_\_\_

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

Property: Fancy Hill

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.	BaSO4	Cond.	
270.5	278.0						shale lenses.
							270.5 - 270.7 50-55%
							270.7 - 271.2 75-80%
							271.2 - 273.0 45-50%
							273.0 - 273.7 75-80%
							273.7 - 274.2 80-85%
							274.2 - 277.3 core loss interval
							277.3 - 278.0 50-55%
							Closely to very closely spaced, barite crystal lined fractures.
278.0	282.0	63%		.4'			Lt. to med. gray clay.
				1.5'	278.4 - 278.9		Core loss interval
				2.1'			Barite replacing nodules and nodular lenses in med. to dk. gray sandy shale with black shale lenses.
							.7' 60-65%
							.6' 75-85%

## DRILL HOLE RECORD

Drill Hole No.: MDDH-2 Inclination: \_\_\_\_\_

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

Property: Fancy Hill

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.	BaSO4	Cond.	
278.0	282.0						.3' 60-65%
							.5' 30-35%, high concentrations disseminated pyrite/pyrite rimming nodules.
							Closely to very closely spaced, barite crystal lined fractures.
282.0	286.5	84%		6.7	282.0-282.7		Core loss interval
				3.8'			Barite replacing nodules and nodular lenses in med.
		Encountered artesian water	this				to dk. gray sandy shale with black shale lenses.
		interval.					282.7 - 283.1 5-10%
							283.1 - 283.6 55-60%
							283.6 - 284.1 60-65%
							284.1 - 284.4 35-40%
							284.4 - 284.8 60-70%
							284.8 - 286.5 30-35%
							Very closely spaced, barite crystal lined fractures
286.5	292.5	91%		5.5'			Barite replacing nodules and nodular lenses
							in med. gray sandy shale with med. to dk. gray and
							black shale lenses.

## DRILL HOLE RECORD

Drill Hole No.: MDDH-2 Inclination: \_\_\_\_\_

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

Property: Fancy Hill

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.	BaSO4	Cond.	
286.5	292.5						286.5 - 288.3 35-45%, .5' core loss
							288.3 - 290.1 lt. to med. gray sandy shale with black shale lenses (ama .02' wide).
							290.1 - 290.8 25-35%
							290.8 - 290.9 med. gray sandy shale
							290.9 - 291.6 35-45%
							291.6 - 292.5 30-40%
							Very closely spaced, barite crystal lined/unmin- eralized fractures.
292.5	295.5	95%		1.3'			Barite replacing nodules and nodular lenses in med. to dk. gray sandy shale with black shale len- ses. Very closely spaced, barite xtal. lined fract
							292.5 - 293.8 30-40%
				1.6'			Med. to dk. gray sandy shale with narrow black shale lenses.
295.5	301.0	82%		3.0'			Med. to dk. gray sandy shales interbedded with dk. gray to black shales. Contain nodules (ama .03 diam.) partially replaced by barite.

## DRILL HOLE RECORD

Drill Hole No.: MDDH-2 Inclination: \_\_\_\_\_

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

Property: Fancy Hill

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.	
295.5	301.0						295.5 - 295.7 5-10%
							295.7 - 296.2 10-15%
							296.2 - 297.1 5-10%
							1.4' <2%
							Closely spaced, unmineralized fractures.
				1.8'	297.1	298.9	Core loss interval.
				.7'			Lt. gray sandy shale, very friable. Disseminated pyrite.
301.0	303.5	92%		2.3'			Interbedded med. to dk. gray sandy shale and black shales.
							Very closely spaced, unmineralized fractures.
303.5	306.5	83%		2.5'			Black shale.
							Closely spaced, unmineralized fractures.
							TroPari surveys:
							@ 25' 70° @253' 65°(?)
							@100' 70° @293' 70°
							Acid dip @190' 65°(?)

## DRILL HOLE RECORD

Drill Hole No.: MDDH-2 Inclination:       °

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

Property: Fancy Hill

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

Co-ordinates: North \_\_\_\_\_ East \_\_\_\_\_

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

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

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

[illegible]



SAMPLE	LOG #	DEPTH	INTERVAL	A.P. SPECIFIC GRAVITY	CALCULATED % BaSO <sub>4</sub>
MDDH-2					
#1A		*188.9-190.5	1.60	3.16	33.00
#2A		*190.5-192.3	1.80	2.87	9.90
#3A		*192.3-194.1	1.80	3.09	27.82
#4A		*194.1-197.5	3.40	2.91	13.36
#5A		*197.5-199.2	1.70	3.12	30.07
#6A		*199.2-201.5	2.30	3.37	47.25
#7A		*201.5-207.2	5.70	3.09	27.82
#8A		*207.2-213.0	5.80	2.84	7.24
#1	563	237'-241'	4.00	3.43	51.00
#2	557	241'-244'4"	3.33	3.54	57.54
#3	556	244'4"-248'	3.67	3.83	72.99
#4	560	248'-251'8"	3.67	3.86	74.46
#5	561	251'8"-255'4"	3.66	3.61	61.50
#6	553	255'4"-259'	3.67	3.98	80.10
#7	558	259'-262'8"	3.67	3.87	74.94
#8	559	262'8"-266'4"	3.67	3.80	71.50
#9	564	266'4"-270'	3.67	3.51	55.80
#10	555	270'-273'8"	3.67	3.91	76.85
#11	562	273'8"-277'4"	3.67	4.04	82.80
#12	554	277'4"-281'	3.67	3.74	68.45
#13	565	281'-284'8"	3.67	3.78	70.50
#14	566	284'8"-288'4"	3.67	3.69	65.84
#15	567	288'4"-292'	3.67	3.36	46.61

SAMPLE	LOG #	DEPTH	INTERVAL	A.P. SPECIFIC GRAVITY	CALCULATED % BaSO <sub>4</sub>
MDDH-2 CONTD.					
#16	568	292' - 295' 8"	3.67	3.61	61.50
#17	569	295' 8" - 297'	1.33	3.07	26.30
		TOTAL	84.13		
COMPOSITE	590	MEASURED		3.67	62.7
COMPOSITE		CALCULATED		3.51	55.85
*Not included in composite measured.					

# CORE ASSAYS

	MDDH-2 #	Depth	Assay	Specific Gravity	
563	1	237'-241'	49.5 *	3.43	
559	2	241'-244'4"	56.0	3.51	
556	3	244'4"-248'	<del>71.0 73.3</del>	5.83	
560	4	248'-251'8"	<del>73.5 73.0</del>	3.86	
561	5	251'8"-255'4"	59.0 *	3.61	
553	6	255'4"-259'	<del>71.5 73.0</del>	3.98	(v)
558	7	259'-262'8"	72.3 *	3.87	
559	8	262'8"-266'4"	68.3	3.80	
564	9	266'4"-270'	52.3	3.51	
555	10	270'-273'8"	<del>75.5 74.5</del> *	3.91	
562	11	273'8"-277'4"	<del>71.3 73.5</del>	4.04	(v)
554	12	277'4"-281'	64.3	3.74	
565	13	281'-284'8"	66.5	3.78	
566	14	284'8"-288'4"	65.0	3.69	
567	15	288'4"-292'	40.3 *	3.36	
568	16	292'-295'8"	61.0	3.61	
569	17	295'8"-299'	27.5 *	2.53	

SO-3 Core, Ro Tail

SO-5 " "