mmc- IRI - 3

General Lithologic Data

MMC-IRI-3

2031.8-2884.

(Incomplete)

Descriptions of Core from Gas Description

HOLE NO. MMC-1KL-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____ Tube 7

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Ford _____ CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2031.85 2041.70		33.1	Mosh	yl Br	—	struct-less		Ags-25%	—	—	—	M	
		35.3	(n)Osh	gry Br	—	lam.		Ag-5-10%				M	
		40.5	Osh	yl-grn Br	—	prly cltrd blebby		none				M	
		41.7	Mosh	yl Br	—	struct-less		Bdd Ag-35%				M	

DATE

PAGE OF

HOLE NO. MMC-IRI-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY WELCH CONTRACTOR LONYEAR. DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2043.00 / 2053.00	9.5'	2043.95	M.O.SH	~~OLIVE~~ BRN		DISC. & CONT. WVY	SL CONTORT				CALC	V. HD	
Tube 8		2044.42	NAH	AMBER				NODULE				HD	
		2046.5	M.O.SH	DK GRY BRN		EV. PH CONT. WVY	—				CALC	V. HD	
		2046.90	NAH	AMBER				NODULE				HD	
		2047.55	MD.SH	DK. GRY BRN		EV. PH	MOD. CONTORT AROUND SMALL NODULE	(NOD. ~10%)					
		2047.8	M.O.SH	BRN		STREAKED DISC. PH LAMS					CALC	V. HD	
		2048.4	NAH	AMBER				NODULE				HD	~10% INTR BOD SHALE
		2048.55	M.O.SH	BRN		STREAKED DISC. PH LAMS					CALC	V. HD	
		2049.6	NAH	AMBER				NODULE				HD	
		2053.00	M.O.SH	GRY-BRN		STREAKED DISC. PH LAMS.					CALC	V. HD	

DATE _____ PAGE ____ OF ____

HOLE NO. _____

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE 3/4/81

LITHOLOGY BY WEICH CONTRACTOR LONGYEAR DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2113.1 / 2123.15	10.5'	2113.9	R.O. SH	V. DK BRN		CONT. V WVY	HIGHLY CONTORT.	MINOR NODULAR ~5%			CALC.	V. HD	
Tube 15		2119.00	INTR. BDS NAH & SH	"		EV. pl & CONT. WVY	MODLY CONTORT	SPONGY ~90%			"	"	
		2123.15	MD. SH	BRN		"	"	OCC. NODULAR ~30%			"	"	
2123.15 / 2133.2													
2133.2 / 2143.2													

DATE _____ PAGE ____ OF ____

HOLE NO. [illegible]

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY WEICH CONTRACTOR LONGYEAR DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2143.2 / 2153.25	10.0%	2144.2	R.O.SH	V DK BRN		EV. pll & CONT. WVY	MILDLY CONTORT	~60% NODULAR			CALC	V. HD	
tube 18		2145.1	NaCL	TRANSLUCENT		NLSV	"						COARSE XLN.
		2150.55	R.O.SH	V DK BRN		EV. pll CONT. WVY	MOD CONTORT GROUND MOD S	OCC. NODULAR ~40%			CALC	V. HD	
		2152.05	NAH	V. DK BRN		CONT. WVY		SPONGY ~90%					W/ OCC R.O.SH INTR BDD
		2152.22	R.O.SH	V. DK BRN		VERY THIN EV. pll	—	—			CALC	V. HD	
		2152.32	NaCL	TRANS.		COARSE XLN							
		2153.25	NAH	V. DK BRN		MOD. WVY	—	~90% SPONSY					R.O.SH INTR BD @ 2152.55 TO .65

DATE PAGE OF

HOLE NO. MMC-3

CORE DESCRIPTION

Tube 21

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsh[illegible] CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2172.4 / 2182.3	9.90	78.2	NOSh	Dk Br	—	x pily cfnd Blebby to struct ls		clots (mxln) 30 Agg - 60 sec. fill - 10	10%	—	—	H	
		79.5	NOSh	" "	—	lam.	cntrtd	~~Ag~~ sec - 5%				H	
		80.0	(sh) Nak	Br		—	—	gran					
		82.3	NOSh	Dk yll Br	—	struct ls		spgy 10%					cc vn @ 80.9

DATE 12-14-81 PAGE OF

HOLE NO. MMC-LRE-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

Tube 35

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY R Forsl[illegible] CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2315.4 2324.2		24.2	MDSh	Dk Br	—	streaked		Mxln clots-20 Mxln bolt-60 spgy-20	5%	—	—	M	

DATE 12-15-81 PAGE OF

HOLE NO. [illegible]

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE 3/4/81

LITHOLOGY BY WEIGHT CONTRACTOR Long Year DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2331.7 / 2341.7	10.0'	2335.4	R.O SH	DK BRN		CONT. WVY		OCC. NODULAR ~30%			CALC.	HD	
Tube 37		2337.55	BDD NAH	CARAMEL	MICRO-XLN	MSV	"	BDD MICRO-XLN ~95%				HD	SM SH INTR BDD @ TOP (~5%)
		2341.7	R.O.SH	DK BRN		CONT. WVY DIX. PH		OCC. NODULAR ~10%			CALC	V.HD	

DATE [illegible] PAGE ___ OF ___

HOLE NO. MMC-IKE-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

Tube 38

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsl[illegible] CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2342.2 / 2352.2	10.0'	2345.1	n Osh	Dk yll Br/Bl ← Banded	—	v prly dfnd disc wvy to evn pll		clots(mxln)-50 Ags-50	5%	—	—	H	
		46.3	sh Nah	Dk Br	—	streaked		Ag-90%				M	
		48.8	(n)Osh	Dk grn-Br	—	streaked	cntrtd @ base	Ag-3%	—	—	—	H	
		49.7	Osh	grn-Br	—	lam.	cntrtd + fragmntd thru-out	none	—	—	—	H	
		52.2	Osh	Dk grn-Br	—	streaked	—	none	—	—	—	H	

DATE 12-14-81 PAGE ___ OF ___

HOLE NO. MMC-3

(40)

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsl _____ CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2364.0 / 2374.0		64.2	OSh	Dk gry-br	—	lam	—	—	—	—	—	M	
		66.5	MOSh	Dk yll Br banded	—	bdd (struct-ls)	—	Agg-80 spgy-20 } * 10%	—	—	—	M	* Nah @ 65.1-65.7
		67.1	sh Nah	Dk Br		none	—	cs spgy-20	—	—	—	M	
		68.5	MOSh	yl Br		streaked - fine frags		diss - 5%				M	
		70.6	OSh	yl Br		streaked	—	—	—	—	—	H	
		71.8	MOSh	yl Br		struct-ls.	—	spgy-70 MKIn-30 } 40	—	—	—	M	
		74.0	OSh	yl Br		streaked	—	—	—	—	—	H	

DATE _____ PAGE ___ OF ___

HOLE NO. MMC-1K13

Tube 41

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsl[illegible] CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2374.0 2384.0		2378.2	NOSh	Dk yll Br	—	streaked	—	spgy bands - 5%	—	—	—	H	
		79.0	NOSh	as abv		struct-ls		Ags - 70 spgy - 30 } 20%				H	
		79.6	sh Nah	Dk Br		streaked		Ag - single 90%				M	
		82.6	OSh	Dk yll Br		streaked		—				H	
		84.0	NOSh	as abv/Dk Br		streaked		Ags - 20%				H	

DATE 12-15-81 PAGE OF

HOLE NO. [illegible]

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY [illegible] CONTRACTOR [illegible] DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
[illegible]		[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]	
Tube A2		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	—		—	[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	—			[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—	—	[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	—			[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	—	—			[illegible]	[illegible]	[illegible]
Tube A3		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]						
		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		—	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	—			[illegible]	[illegible]	

DATE [illegible] PAGE OF

HOLE NO. _____

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY _____ CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
Tube 45		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]				[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]	Coarse XLN			[illegible]				[illegible]	
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]	Coarse XLN			[illegible]					
		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
													[illegible]

DATE PAGE OF

HOLE NO. NMC-TRE 3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: NQ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY WEICH CONTRACTOR LONG YEAR DRILLER WHO KNOWS?

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2434.14 / 2444.25	10.11'	2435.30	SLTST.	MED GRAY	F	DISC. NOT PH	OCC SH LAM					HD	
		2437.15	M.O.SH	BRN	COARSE GR. NAH.	DISC. V WVY	NAH NODS	~70% NODULAR				V.HD	
		2440.5	M.O.SH	GRY BRN	+	DISC. PH 'STREAKED'						V.HD	
		2441.15	NAH	AMBER	COARSE			NODULAR				HD	
		2444.25	M.O.SH	GRY BRN		DISC. PH 'STREAKED'						V HD	NAH NOD @ 2443.35 TO 2443.55
2491.1 / 2491.95	10.25'	2489.6	M.O.SH	GRY BRN		STREAKED	& BLEBBY	~10% COARSE XLN AGGREGATES				V.HD	NAH AGL @ 2484.35 TO 2484.65, 2486.0, 2488.5, 2488.8 TO .9, 2489.0 TO .3.
		2491.2	"	"		CONT. & DISC. V. WVY	MOD CONTORT					V.HD	
		2491.95	M.O.SH	GRY BRN		STREAKED	& OCC. BLEBBY					V.HD	
		2492.20	"	"		"	"	"				"	
2491.95 / 2502.15		2492.50	M.O.SH	GRY BRN		CONT. V. WVY	MILDLY CONTORT					V.HD	
		2493.20	NAH	AMBER	COARSE XLN			~95%				HD	
		2494.80	M.O.SH	DK GRY BRN		EV. PH						V.HD	
		2495.9	M.O.SH	GRY BRN		FLASER BDD	ABUND DISSEM. CaCO3 "STARS"					V.HD	
		2502.15	M.O.SH	"		STREAKED & V. BLEBBY						V.HD	

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HOLE NO. MMC-[illegible]

Tube 55

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsland CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2512.7			Osh	grn-brn	—	blebby	—	—	—	—	—	H	
17.0			Osh	grn/yl Br	—	wvy pll - lamto bdl	—	—	—	—	—	M	banded

DATE 17-11-81 PAGE OF

HOLE NO. MAC H-3

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CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsland CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2518.5			Oil	Dk Br	—	v prly dfnd lam.	—	—	—	—	—	H	Rich
21.10			"	" "	—	v poly dfnd struct. to blebby	—	—	—	—	—	H	"
24.0			"	Dk Br	—	prly dfnd lam.	some cntrtd	—	—	—	—	H	"

DATE 12-11-81 PAGE OF

HOLE NO. MMC-IRI-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY WELCH CONTRACTOR LONGYEAR DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2524.0 / 2534.15		2527.40	Lw.O.SH	GRY BRN		EV. pll CONT. SL. WVY	MINOR SLT LAMS LOOPS	—			CALC	V.HD	
		2527.50	SLTST	LT GRY	V. F.	MSY	—	—	—	—		HD	
		2527.92	Lw.O.SH	GRY BRN		EV. pll CONT. WVY	MANY LOOP STRUTS	<5% SECONDARY Replacer @ BASE			CALC	V.HD	SEC. NAH. RIMMED w/ PYR
		2528.62	SLTST	LT GRY	V. F.	MSY	—	—	—	—	—	HD	
		2532.05	M.O.SH	GRY BRN		EV. pll CONT. WVY	OCC. LOOPS MILDLY CONTORT.	<10% SECONDARY REPLACEMENT			CALC	V.HD	0.05' SLT BDD @ 2530.0 SEC. NAH. RIMMED w/ PYR
		2534.15	M.O.SH	BRN		INDISTINCT CONT. WVY	MILDLY CONTORT.	~30% DISSEM. & AGGREGATE			"	V.HD	OCC. SMALL NAH NOD

DATE 3-21-81 PAGE OF

HOLE NO. MMC-IRI-3

CORE DESCRIPTION

Tube 58

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsland CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2534.1 / 2544.0		35.1	nosh	gry-brn	—	lam.	—	Ags-40 Mkln-60 } 15%	—	—	—	M	(fissile)
		36.8	osh	yll-br		lam	—	—	—	—	—	M	
		39.5	nosh	gry-br		lam	—	Ags - 5%	—	—	—	H	
		44.0	nosh	yl/gry br		lam/struct ls	} intrstrat.	Ags-95 Diss-5 } 5%	—	—	—	H	

DATE 12-15-81 PAGE OF

HOLE NO. MMC-IRL-3

CORE DESCRIPTION

Tube 69

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY R Ford _____ CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2642.5			MOSh	Dk Brn	—	None	—	diss 5%	—	—		H	
43.0			MOSh	" "	—	"	None	—				H	Rich
43.4			MOSh	" "	—	"	"	Ags Diss } 30%				M	
51.1			(Sh) Mah	Rd Brn-Blk		None	None	spgy-80 mxln clots-20 } 90%				H	
51.3			MOSh	yl-Br	—	None	"	Ag-10%				M	
51.8			OSh	" "	—	v prly dfnd lam to bdd	"	—				M	

adjust tube 70 2653.5 should be 2651.8

DATE

PAGE OF

HOLE NO. MMC-PRI-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE 3-21-81

LITHOLOGY BY WELCH CONTRACTOR LONGYEAR DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2502.15 / 2511.75		2506.90	M.O.SH	GRY BRN		STREAKED W/	OCC. BLEBBY	—	—	—	CALC	V. HD	
		2508.60	R.O.SH	DK GRY		FY. p11	" —	—	—	—	CALC	V. HD	
		2508.80	R.O.SH	DK GRY		CONT. WVY CONVOLUTE	HIGHLY CONTORT	—	—	—	CALC	V. HD	
		2509.40	"	DK GRY BRN		CONT. WVY	MINOR LOCAL SLT	BLEBS	—	—	"	"	
		2511.	M.O.SH	GRY BRN		VERY BLEBBY		—	—	—	"	"	

HOLE NO. MMC-IRI-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY WELCH-O CONTRACTOR LONGYEAR DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2672.7 / 2682.85	10.2'	2674.75	M.O.SH	GRY BRN		STREAKED &	VERY BLEBBY	SMALL NAH AGGREGATE @ 2673.8 TO .9				V. HD	
		2674.95	O.SH	GRY GRN		DISC. WVY NON. fill	OCC. SMALL BLEBS					V. HD	
		2675.30	NAH	BRN - AMBER	COARSE XLN			~45% DISSEM. AGGREGATE				HD	
		2680.75	M.O.SH	GRY-BRN, GRN		CONT. WVY	MILDLY CONTORT	MINOR SECONDARY REPLACEMENT @ 2679.7				V. HD	
		2682.85	INTR BDD SH & NAH	GRY-BRN, AMBER		INDISTINCT	—	~60% SPONGY				HD	~40% M. O. SH 0.1' COARSE XLN @ BASE
2690.8 / 2701.05	10.25'	2694.95	Lw.O.SH	DK BRN		INDISTINCT 'STREAKED'	MINOR LOCAL SLT BLEBS (V. SMALL)	SMALL NOD @ TOP				V. HD	
		2701.05	Lw.O.SH	MED BRN		INDISTINCT SL. STREAKED	MINOR $CaCO_3$ LENSES.	MINOR SECONDARY REPLACEMENT @ 2695.0 - .2				V. HD	

HOLE NO. MMC-IRI-3

CORE DESCRIPTION

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: NQ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM SODA ASH, AQUA GEL, DRISPAC, NaCL, CC-16 PROBED BY _____ DATE _____

LITHOLOGY BY WEKH CONTRACTOR LONGYEAR DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2823.40 / 2833.80		2823.55	Lw.O.SH	OLIVE BRN		STREAKED	V. BLEBBY	—	—	—		HD	
		2823.70	Lw.O.SH	OLIVE BRN		DISC. WVY	"	—	—	—		HD	
		2824.10	Lw.O.SH	GRY BRN		STREAKED	BLEBBY & BRECCIATED	—	—	—		HD	
		2824.90	Lw.O.SH	OLIVE BRN		SL. STREAKED	OCC. BLEBBY	—	—	—		HD	
		2825.25	Lw.O.SH	BRN		CONVOLUTE	Highly CONTORT	—	—	—		HD	
		2825.70	Lw.O.SH	GRY BRN		INDISTINCT SL STREAKED	—	—	—	—		HD	
		2827.05	Lw.O.SH	BRN		BRECCIATED	OCC. SLT FRAGS.					HD	SHARP BASAL CONTACT
		2828.02	SH	DK GRY		EV. pll							
		2828.20	"	GRN GRY		MSV							
		.62	"	DK GRY		EV. pll							
		2829.18	"	GRN GRY		MSV							
		2830.30	"	DK GRY		EV. pll							
		.70	"	GRN GRY		MSV							
		2831.16	"	DK GRY		EV. pll							
		.70	"	GRN		MSV							

STRUCTURELESS

HARD

CORE DESCRIPTION

Tube 89, 90 HOLE NO. MMCH-1

LOCATION SEC. _____ T. _____ R. _____ CO. _____ ST. _____

ELEV. _____ T.D. _____ PROBE T.D. _____ SPUD DATE _____ COMP. DATE _____

HOLE SIZE: _____ TO _____, _____ TO _____, _____ TO _____, _____ TO _____

DRILLING MEDIUM _____ PROBED BY _____ DATE _____

LITHOLOGY BY K Forsland CONTRACTOR _____ DRILLER _____

CORED INT.	RECOV.	DEPTH.	LITH.	COLOR	GRAIN SIZE	STRATF.	SED. STRUCT.	NACH. TYPE & %	ROUND.	SORT.	CEMT.	HARD.	REMARKS
2843.8 / 2853.45		45.7	Osh	Dk Gry Bl	—	lam	—	—	—	—	—	fissile	thin cc horzs.
		47.8	Osh	Dk Gry		lam	—	—	—	—	—		
		53.45	Osh	Dk Brn Gry	—	lam	—	—	—	—	—		
2853.45 / 2863.65		54.40	Osh	Blk		lam	—	—	—	—	—		
		63.45	Osh	Bk w/ interbdd lt brn bands		lam	—	—	—	—	—		

2884-0			Ooh	Blk	—	Tan							[illegible]

DATE 12-16-81 PAGE OF