FIELD BORING LOG

PROJECT NO: 03-859-043
PROJECT NAME: Freeport
CLIENT: C.O.E
DRILL CONTRACTOR: PATINO

BORING NO: 05-35
DATE: 11-7-05
TECHNICIAN: Mike
DRILL EQUIPMENT: Buggy

WATER LEVEL DATA:

TIME (MIN)	T.O.W. (FT)	T.O.	TIME
5	14.5'		10:53
10	13.5		10:58
15	12.8'		11:03
~~30~~ 20	12.5'		11:08
24 HOURS			

FREE WATER DEPTH: = 15'
METHOD OF ADVANCE: AUGER 0 TO 16'; WASH 16 TO 40
TIME BORING BEGAN: 10:29
TIME BORING END: 1:37

Sample #	DEPTH(FT)	SAMPLE SYMBOL	CORE(C) JAR(J) BAG (B)	HAND PENETROMETER READING/ BLOW COUNT	RECOVERY IN INCHES	CONSISTENCY	COLOR	MINOR MATERIAL	MAJOR MATERIAL	CHARACTERISTICS OR MODIFICATIONS
1			C	3.0	16"	VSTiFi?	Red. Br		Clay	
2			C	1.5	14"	ST.FI?	Red. Br		Clay	
3	5		C	1.5	18"	ST.FI?	Tan		"	
4			C	.75	14"	Firm	Brown & Gr	Sandy	Clay	
5			C	1.25	18"	ST.FI?	Brown + Gray/Tan	"	"	CH @ Bottom —
6	10		C	1.25	16"	ST.FI?	Red & Tan		"	
7			C	.75	20	Firm	Red & Gr Gray & Tan	Si/So	Clay	CH @ Top w/ Sandy Clay @ Bottom — 12" Silty Sand Pockets & Seam —
8	15		C	.75	16"	Firm	Gray & Tan	So	Clay	Sand & Clayey Sand Layer @ Top Interbedded
9		X	J	WOH		Very Soft	Gray		Silt	Silty Clay, Sand Interbedded
10	20	X	J	WOR/WOH/4	Very Soft Firm		Gray	Sandy	Clay	Sand & Sandy Clay Interbeds / Interbedded w/ Sand Pockets
11			C	2.25	14"	ST.FI?	Gray & Tan		Clay	Calc. Nodes. Sand Pockets
12			C	2.5	16"	ST.FI?	"		"	" " " Layer of Large Calc. Nodes Short
13	25		C	3.25	12"	Very ST.FI?	Gray & Tan / Red & Tan		"	" " "
14			C	3.75	10"	Very ST.FI?	Tan & Gray		"	" " "
15	30		C	2.0	20"	ST.FI?	Tan / Red & Gray		"	Top 8" Silt Layer
16			C	3.0	16"	Very ST.FI?	Red & Gray		"	
17			C	1.75	14"	ST.FI?	Tan		"	Silt & Sand Seams & Partings
	35									

FIELD BORING LOG

PROJECT NO: 03-859-43
PROJECT NAME: Freeport
CLIENT: Corp. of Eng
DRILL CONTRACTOR: PATino

BORING NO: 05-35
DATE: 11-7-05
TECHNICIAN: Mike
DRILL EQUIPMENT: Buggy

WATER LEVEL DATA:

TIME (MIN)	T.O.W. (FT)	T.O.	TIME
5			
10			
15			
E.O.D.			
24 HOURS			

FREE WATER DEPTH:
METHOD OF ADVANCE:
AUGER ——— TO ———
WASH ——— TO ———
TIME BORING BEGAN:
TIME BORING END: 1:37

Sample #	DEPTH(FT)	SAMPLE SYMBOL	CORE(C) JAR(J) BAG (B)	HAND PENETROMETER READING/ BLOW COUNT	RECOVERY IN INCHES	CONSISTENCY	COLOR	MINOR MATERIAL	MAJOR MATERIAL	CHARACTERISTICS OR MODIFICATIONS
18	35		C	3.25	10"	Very ST.FT?	Gry		Clay	Short, Calc. Mod (Large) Layer
19			C	2.5	14"	ST.FT?	Gry		"	SLS, Canods
20	40		C	2.75	14"	ST.FT?	Tan & Gy		"	" , Broken
										TD=40'