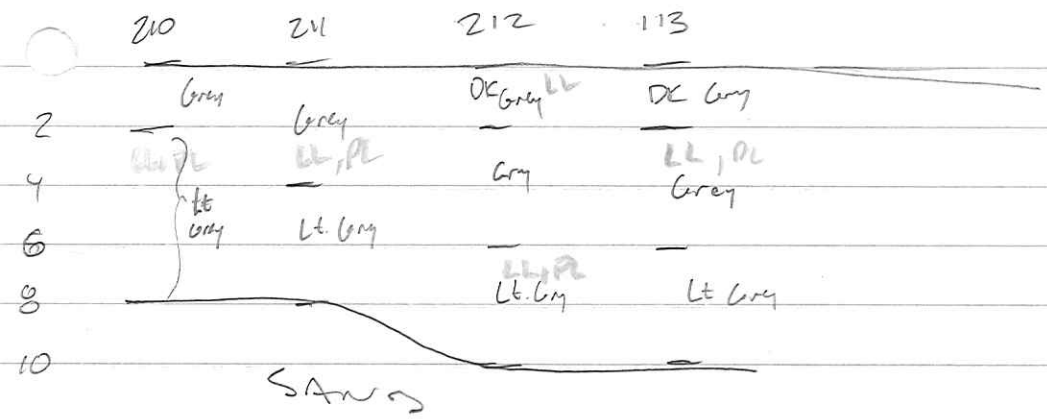
U.S. ARMY CORPS OF ENGINEERS

BORING NO. 92-211 DATE: BEGIN 1-16-93 PAGE 1 / 1
JOB NO. 146621 COMPLETE 1-16-93 Thin Walled Tube
PROJECT WALLISVILLE LAKE ☒ 3" ☐ 6"
LOCATION LEVEE ROAD
ELEVATION OF HOLE
MANUFACTURER'S DESIGNATION OF DRILL RIG FAILING CFD-2
GROUNDWATER: DEPTH 0 ft., ELEV. ____ ft., at end of Drilling
WEATHER MOSTLY CLOUDY
DRILLER DEMPSEY GEAREN LOGGER JOHN A. GENTRY

DEPTH, FEET	SAMPLE	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0		1	0.5	GRAY	CLAY	MEDIUM STIFF		-w/ GRASS + ROOT 0'-1 STANDING WATER 6"
		2	0.5	"	"	"		
5		3	0.5	LIGHT GRAY	CLAY	MEDIUM STIFF	SANDY	*-w/ Calc & Fe Nd 4'-6 **TAN 4'-8'
		4	0.5	"	"	"	"	-w/ SO LA EYER 6'-8
10	X	5	4 5 8	LIGHT GRAY	SAND	MEDIUM DENSE	SILTY	**TAN Below 8'
	X	6	7 8 12	"	"	"	"	
15								Bottom of 92-211 @ 15'
20								
25								
30								
35								


210
211
212
113
2
4
6
8
10
Grey
Grey
DK Grey LL
DK Grey
LL, PL
Grey
LL, PL
Grey
Lt Grey
Lt. Grey
LL, PL
Lt. Grey
Lt Grey
SAND

TEST ASSIGNMENT SHEET

PROJECT WALLISVILLE, TX
ACCESS ROAD

CONTRACT NO. : DACW64-92-D-0005
DELIVERY ORDER NO. 6
DATE : Feb 93 ASSIGNED BY : JB

BORING NO.	SAMPLE NO.	SAMPLE DEPTH	VISUAL CLASSIFICATION TEST (0005)	MOISTURE CONTENT TEST (0006)	UNIT DRY WEIGHT TEST (0007)	UNIT WET WEIGHT TEST (0008)	SPECIFIC GRAVITY OF SOLIDS TEST (0009)	LIQUID LIMIT TEST (0020)	PLASTIC LIMIT TEST (0020)	BAR LINEAR SHRINKAGE (0020)	ABBREVIATED MECHANICAL ANALYSIS TEST (0023)	COMPLETE MECHANICAL ANALYSIS TEST (0024)	HYDROMETER ANALYSIS TEST (0025)	STANDARD COMPACTION TEST (0026)	MODIFIED COMPACTION TEST (0027)	UNCONFINED COMPRESSION TEST (0028)	TORVANE SHEAR TEST (0029)	SOIL SALINITY (0050)	REMARKS
92-211	1	0-2	✓	✓															3"
	2	2-4	✓	✓	✓			✓	✓		✓								3"
	3	4-6	✓	✓															3"
	4	6-8	✓	✓	✓			✓	✓		✓								3"
	5	8.5-10	✓								✓								JAR
	6	13.5-15	✓																JAR

Project : Trinity River and Tributaries, Texas
Lake Wallisville
Contract No. DACW64-92-D-0005 Delivery order No. 0006

SUMMARY OF LABORATORY TEST RESULTS

Boring No. 92-211 10+06.82 Elev 6.0

S #	Depth (ft)	P P (tsf)	SPT Blows per Foot	Visual Classification	U S C	M c (%)	Dry Unit Wt (pcf)	Wet Unit Wt (pcf)	L L (%)	P L (%)	Mechanical Analysis % Passing #4	#10	#40	#100	#200	Torvane Shear Strength (tsf)	q u (tsf)
1	0 - 2	1.00		Gray,Clay,Stiff	CH	38.6											
2	2 - 4	1.25		Gray,Clay,Stiff,w/sand pockets	CH	36.6	84.4	115.3	73	28	100.0	100.0	99.5	98.9	97.9		
3	4 - 6	2.00		Yellowish gray,Clay,Very stiff,Sandy,w/ calcareous nodules	CL	24.4											
4	6 - 8	2.00		Yellowish gray,Clay,Very stiff,Sandy,w/sand layer at bottom of sample	CL	25.1	101.9	127.5	31	16	100.0	100.0	99.6	94.9	80.0		
5	8.5 - 10		13	Yellwoish gray,Sand,Medium dense,Silty	S M						100.0	100.0	95.9	79.9	35.6		
6	13.5 - 15		20	Yellwoish gray,Sand,Medium dense,Silty	S M												

S # : Sample Number, P P : Pocket Penetrometer Reading, U S C : Unified Soil Classification, M c : Moisture Content
q u : Unconfined Compressive Strength, W O H : Weight of hammer, W O P : Weight of pipe

Geotest Engineering, Inc.