

DEPTH, FEET	SAMPLE NO.	PEN./TORVANE SPT.-BLOW COUNT	BORING NO. <u>91245</u> DATE: BEGIN <u>07-24-91</u> PAGE <u>1</u> JOB NO. <u>146499</u> COMPLETE <u>07-24-91</u> Thin Walled Tube ☒ 3" ☐ 6" PROJECT <u>GJWW</u> LOCATION <u>SARGENT BEACH</u> ELEVATION OF HOLE _____ MANUFACTURER'S DESIGNATION OF DRILL RIG <u>F-36</u> GROUNDWATER: DEPTH <u>1 1/2</u> ft., ELEV. _____ ft., at end of Drilling WEATHER <u>PARTLY CLOUDY</u> DRILLER <u>Robert Tancredy</u> LOGGER <u>John A. Hentrop</u>				
			COLOR	MATERIAL TYPE	CONSISTENCY	SECONDARY CONSTITUENTS	STRUCTURAL FEATURES AND COMMENTS
0	1	0.75	BROWN	CLAY	MEDIUM STIFF		GRAY - w/SHELL & ROOTS (FILL) 0'-10'
	2	1.0	GRAY	CLAY	STIFF		BROWN
5	3	1.5	GRAY	CLAY	STIFF		
	4	0.75	GRAY	CLAY	MEDIUM STIFF		
	5	0.75	GRAY	CLAY	MEDIUM STIFF		
10	6	1.25	BROWN	CLAY	STIFF		GRAY 10'-14'
	7	1.25	BROWN	CLAY	STIFF		
15	8	1.5	BROWN	CLAY	STIFF	SANDY	
	9	1.5	BROWN	CLAY	STIFF	SANDY	
	10	1.25	BROWN	CLAY	STIFF	SILTY	w/SILT LAYER 18'-22'
20	11	1.25	BROWN	CLAY	STIFF	SILTY	
	12	0.75	BROWN	CLAY	MEDIUM STIFF		-w/SILT LAYER 20-22'
25	13	1.25	BROWN	CLAY	STIFF		
	14	0.75	BROWN	CLAY	MEDIUM STIFF		
	15	0.75	BROWN	CLAY	MEDIUM STIFF		
30	16	1.0	BROWN	CLAY	STIFF		w/SILT POCKETS BELOW 30'
	17	1.0	BROWN	CLAY	STIFF		
35	18	1.0	BROWN	CLAY	STIFF		
							BOTTOM OF 91245

Boring No. 91-245

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)	LL (%)	P L (%)	Mechanical Analysis % Passing					Torvane Shear Strength (tsf)	q u (tsf)
											#4	#10	#40	#100	#200		
1	0-2	1.25		Brown, Clay, Stiff	CH	37.2											
2	2-4	1.25		Brown & gray, Clay, Stiff, w/Woods	CH	37.1											
3	4-6	1.25		Gray, Clay, Stiff	CH	35.3											
4	6-8	0.75		Brown & gray, Clay, Medium stiff, w/Ferrous nodules	CH	57.9											
5	8-10	0.75		Brown & gray, Clay, Medium stiff, w/Ferrous nodules	CH	56.8	66.2	103.8	75	30	99.9	99.5	98.7		97.8		0.20
6	10-12	1.50		Gray, Clay, Stiff	CH	32.3											
7	12-14	1.50		Brown, Clay, Stiff	CH	40.0											
8	14-16			Brown, Silt, Loose, Sandy, Water bearing	M L	22.2											
9	16-18			Brown, Silt, Loose, Sandy, Water bearing	M L	22.5					100.0	100.0	100.0		71.4		
10	18-20	0.50		Brown, Clay, Medium stiff Silty <i>Soft</i>	CL	29.7	95.1	123.3	37	19							0.20
11	20-22	0.75		Brown, Clay, Medium stiff Silty	CL	28.4											
12	22-24	1.00		Brown, Clay, Stiff	CH	47.3	74.8	110.2	68	28	100.0	100.0	100.0		100.0		0.51
13	24-26	1.00		Brown, Clay, Stiff	CH	48.7											
14	26-28	0.75		Brown, Clay, Medium stiff	CH	44.6											
15	28-30	0.75		Brown, Clay, Medium stiff, w/Ferrous nodules	CH	51.2											
16	30-32	0.75		Brown, Clay, Medium stiff w/Ferrous stains	CH	47.0											
17	32-34	0.75		Brown, Clay, Medium stiff, w/Ferrous stains	CH	41.7	80.0	113.4	51	19	100.0	99.9	99.6		96.1		0.51

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

SUMMARY OF LABORATORY TEST RESULTS

91-245

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