SUMMARY OF LABORATORY TEST RESULTS

Project: U.S.A.C.E. - IHNC (GULF INTRACOASTAL WATERWAY TO LAKE PONTCHARTRAIN) Assigned By: _____

Project Number: 19083
Boring: 0583-01

Current Date: 12/13/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	GR SM1 W/ SIF	SM1		6												
2	2.5	GR SP W/ SIF, TR O	SP		22												
3	5.0	LGR SM1	SM1		21												
4	7.5	VSO GR CH3 W/ ARS SM, WD	CH3		94												
5	10.0	GR SP W/ TR-O	SP		28												
6	12.5	GR SP W/ TR-O	SP		28												
7	15.0	GR SP	SP		27												
8	17.5	GR SP W/ WD	SP		31												
9	20.0	GR SP	SP		32												
10	22.5	LGR SP W/ TR-SIF	SP		24												
11	25.0	LGR SM1 W/ SIF	SM1		25												
12	27.5	LGR SP W/ TR-SIF	SM1		25												
13	30.0	GR SM1	SM1		26												
14	32.5	GR SP W/ TR-SIF	SP		28												
15	35.0	GR SM1	SM1		28												
16	37.5	GR SM1-S W/ TR-SIF	SM1-S		27												
17	40.0	GR SM1 W/ SIF	SM1		28												
18	42.5	SO GR CL3	CL3		28												
19	45.0	SO GR SC1 W/ TR-SIF	SC1		31												
20	47.5	SO GR CL5	CL5		33												
21	50.0	SO GR CL3	CL3		29												
22	52.5	VSO GR CL3	CL3	10	25	96	120	89	UC	--	204					0.100	
23	55.0	SO GR CL3	CL3		32												
24	57.5	SO GR CH4 W/ LYS SM, SIF, SL	CH4	14	50	69	104	94	UC	--	347					0.220	
25	60.0	M GR CH3 W/ ARS & LNS SM	CH3		53												
26	62.5	VSO GR CH4 W/ ARS SM, SL	CH4	9	50	69	104	95	UC	--	172					0.200	
27	65.0	ST LGR & T CH3 W/ ARS SM	CH3		32												
28	67.5	VST LGR & T CH2	CH2	18	22	101	123	89	UC	--	2048					1.125	

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19083

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S.A.C.E. - IHNC (GULF INTRACOASTAL WATERWAY TO LAKE PONTCHARTRAIN) Assigned By: _____

Project Number: 19083
Boring: 0583-02

Current Date: 12/13/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	GR SP	SP		17												
2	2.5	T SM1-S W/ SIF	SM1-S		15												
3	5.0	T SP	SP		20												
4	7.5	GR SC1	SC1		49												
5	10.0	VSO GR CL3	CL3		33												
6	12.5	VSO GR CL5 W/ TR-SIF, CC, RT	CL5		51												
7	14.0	GR SP W/ LYS PT	SP		35												
8	15.0	DGR SM1-S W/ O	SM1-S		23												
9	17.5	DGR SP W/ O	SP		29												
10	20.0	DGR & GR SP W/ O	SP		30												
11	22.5	LGR SP	SP		25												
12	24.0	LGR SP	SP		25												
13	26.5	GR SP	SP		26												
14	29.0	GR SP	SP		25												
15	31.5	GR SP	SP		29												
16	34.0	GR SP W/ TR-SIF	SP		26												
17	36.5	GR SP	SP		27												
18	39.0	GR SP	SP		27												
19	41.5	GR SP W/ SIF	SP		26												
20	44.0	GR SM1-S W/ SIF	SM1-S		27												
21	46.5	VSO GR CL3	CL3		28												
22	49.0	VSO GR CL5	CL5		35												
23	51.5	SO GR CL5	CL5		36												
24	53.0	M GR CH4 W/ ARS SM, SL	CH4	13	45	74	107	94	UC	--	805					0.380	
25	55.0	ST GR CH3 W/ ARS & LNS SM, SL	CH3		42												
26	57.5	ST LGR & T CL5	CL5	8	20	105	126	90	UC	--	1667					1.000	
27	60.0	LGR & T SM1	SM1		22												
28	62.5	LGR & T SM1 W/ ARS CH	SM1		25												
29	65.0	T SM1	SM1		26												
30	67.5	LGR & T SM1	SM1		18												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19083

SUMMARY OF LABORATORY TEST RESULTS

Project: U.S.A.C.E. - IHNC (GULF INTRACOASTAL WATERWAY TO LAKE PONTCHARTRAIN) Assigned By: _____

Project Number: 19083
Boring: 0583-03

Current Date: 12/13/05

Sample Number	Depth in Feet	Visual Classification	USCS	E(f)	W%	Dry Dens (pcf)	Wet Dens (pcf)	Sat %	Shear Test Type	Angle	Cohesion (psf)	Unconf. Comp. Str.	LL	PL	PI	TORVANE (tsf)	Other Tests
1	0.0	SI W/ ARS SM	SI		7												
2	2.5	T SP W/ TR-SIF	SP		12												
3	5.0	T SP	SP		19												
4	7.5	VSO GR CL3 W/ O, TR-SIF	CL3		29												
5	10.0	VSO GR CL3	CL3		28												
6	12.5	VSO GR CH3-S W/ ARS SM	CH3-S		98												
7	14.0	VSO DGR CHOC	CHOC		166												
8	17.5	GR SP	SP		23												
9	20.0	LGR SP	SP		24												
10	22.5	LGR SP	SP		23												
11	25.0	LGR SP	SP		25												
12	27.5	LGR SP	SP		25												
13	30.0	LGR SP	SP		22												
14	32.5	GR SP	SP		27												
15	35.0	GR SP	SP		24												
16	37.5	GR SP W/ TR-SIF	SP		25												
17	40.0	GR SP W/ SIF	SP		28												
18	42.5	GR SP W/ TR-SIF	SP		27												
19	45.0	SO GR CL5	CL5		36												
20	47.5	GR SM1-S W/ ARS CH	SM1-S		26												
21	50.0	M GR CL3	CL3		29												
22	52.5	SO GR CL5	CL5		37												
23	55.0	ST GR CH3 W/ ARS SM	CH3		42												
24	56.5	VSO GR CH4 W/ LYS SM, SIF, SL	CH4	10	42	76	107	90	UC	--	216					0.180	
25	57.5	ST GR CH4 W/ LNS SM	CH4		57												
26	60.0	ST GR CH3 W/ ARS & LNS SM, SL	CH3	15	39	80	111	94	UC	--	1105					0.520	
27	62.5	ST GR CH4 W/ SIF, SL	CH4		54												
28	65.0	SO GR CH4 W/ ARS SM, SIF, SL	CH4	13	48	71	106	95	UC	--	364					0.500	
29	67.5	ST GR CH4 W/ SL	CH4		47												

Remarks: _____

Checked by: _____

EUSTIS ENGINEERING COMPANY, INC.

File Name: 19083