

Sample No. 00-26

Location: Placement Area 116, approx. 1600 ft north of east end of GIWW
realignment

Time: 1515

Visual Description: Sand layer (with shell fragments and rock) varying between 0.6-0.8 ft, overlying 2 ft of soft material, then sand again. Same results in at a second location within placement area.

Water Depth: 9.4 ft

Weight of Rod: 0 ft

Pipe Drop: 0 ft

Pipe Push: 0 ft

Refusal Depth: N/A

PVC Push Tube Sample Depth: N/A

Sample No. 00-24

Location: Southwest side of intersection of Channel to Palacios and GIWW reroute
Placement Area No. 1

Time: 1559

Visual Description: Soft, silty clay

Water Depth: 11.0 ft

Weight of Rod: 2.2 ft

Pipe Drop: 5 ft

Pipe Push: N/A

Refusal Depth: N/A

PVC Push Tube Sample Depth: N/A

Sample Site No. 00-25

Location: Placement Area 7, approx. 3,000 ft east of the Matagorda Ship Channel,
approx. 9,000 ft north of the GIWW reroute.

Time: 1627

Visual Description: Hard packed sand. No sampling or tests possible. Size of sand reef unknown. Need Contractor to sample area with grid points to measure size of placement area and Shallow sand.

Water Depth: 2-4 ft, varies.

Weight of Rod: N/A

Pipe Drop: N/A

Pipe Push: N/A

Refusal Depth: N/A

PVC Push Tube Sample Depth: N/A

SUMMARY OF LABORATORY TEST RESULTS

Project: Matagorada Bay, Brazos River to Port O'Conner
 Contract No. DACW64-98-D-0002 Delivery Order No. 0041

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Boring No.	S#	Visual Classification	U S C	Mechanical Analysis																	
				% Passing																	
				#2	#1 1/2	#1	#1/2	#3/4	#3/8	#4	#8	#10	#16	#20	#30	#40	#50	#70	#100	#140	#200
00-22	1	Silty Sand,Gray	S M	100	100	100	100	100	100	99.8	99.3	99.1	98.6	98.4	98.2	98.0	97.8	96.5	48.9	25.3	18.8
00-23A	1	Silty Sand,Gray	S M	100	100	100	100	100	100	99.3	99.0	98.9	98.7	98.5	98.4	98.2	97.9	94.7	47.4	22.6	14.6
00-23B	1	Silty Sand,Gray	S M	100	100	100	100	100	100	98.5	98.3	98.2	97.9	97.7	97.5	97.3	97.0	94.9	41.0	22.4	16.8
00-24	1	Clay,Gray	C H	100	100	100	100	100	100	100	100	100	100	100	100	99.9	99.8	99.7	99.3	96.5	91.2
00-26	1	Silty Sand,w/shell fragments,,Gray	S M	100	100	100	100	100	100	97.7	95.9	95.7	95.2	95.0	94.7	94.5	94.0	93.3	83.9	34.1	18.2

S#: Sample Number, U S C: Unified Soil Classification, Sp.g: Specific Gravity