SWG Form 267
12 July 1971

PROJECT: ARANSAS PASS

LOCATION:

TEST DATA SUMMARY

GDLR NO 1627

BORING NO. 78-180A

DATE DRILLED: 9 June 1979

FIELD NO.	Sample Depth, Feet From	Sample Depth, Feet To	CLASSIFICATION ELEVATION TOP BORING _____	Length of sample recv'd	SYMBOL	CONSISTENCY	POCKET (1) PENETROMETER	STAN. PENET. BLOWS/FT (2)	MOISTURE CONTENT %	DRY DENSITY p. c. f.	L.L.	P.L.	Lab Sample No. 79	BAR L.S.	SIEVE ANALYSIS PERCENT GRVL	SAND	FINES	INIT. WT.	ACC. WT. RTND. SIEVE NO. (3) NO. 4	NO. 10	NO. 40	NO. 200
			# Water 8.0' 0.0 - 8.0																			
			# Tide +2.1 at 1130																			
1C	8.0	10.0	Gray clay with random 8.0 - 15.0	1.0	CH	VS	0.0		124	39	116	25	575		0	8	92	50	0	0	0	4
			sand seams																			
2C	10.0	12.5	Gray clay with random sand seams	0.9		VS	0.0		89	48			576									
3C	12.5	15.0	Gray sandy clay with random sand	1.0		VS	0.0		50	75	108	27	577		0	44	56	50	0	4	11	22
			seams and 4" sand layer at bottom																			
4J	15.0	20.0	Gray silty sand 15.0 - 20.0		SM				19				578	0	0	78	22	50	0	0	0	39
5C	20.0	22.5	Greenish gray and tan 20.0 - 22.5	1.1	SM SC	VST	2.25		18	110			579	4.	0	76	24	50	0	0	0	38
			silty clayey sand																			
			#information obtained from driller's log																			

KEY: CONSISTENCY -- COHESIVE SOILS: VS Very Soft, S Soft, M Medium, ST Stiff, VST Very Stiff, H Hard. CONSISTENCY -- COHESIONLESS SOILS: VL Very Loose, L Loose, M Medium, D Dense, VD Very Dense. (1) Tons/sq.Ft. Unconfined Compressive Strength (2) Split Barrel Sampler (3) Acc. Wt. Rtnd ÷ Init. Wt. x 100 = % Rtnd.

BORING NO. 78-180A

Bottomed at _____ Water at _____ Tide Reading _____

Sheet 1 of sheets

Hole No. 78-180 (A)

DRILLING LOG	DIVISION S/W	INSTALLATION Gal Dist	SHEET OF SHEETS

1. PROJECT: Aransas Pass Chan.
2. LOCATION (Coordinates or Station): 197+50
3. DRILLING AGENCY: C of E
4. HOLE NO. (As shown on drawing title and file number): 78-180 A
5. NAME OF DRILLER: Cannon
6. DIRECTION OF HOLE: ☒ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN: —
8. DEPTH DRILLED INTO ROCK:
9. TOTAL DEPTH OF HOLE: 22.5
10. SIZE AND TYPE OF BIT:
11. DATUM FOR ELEVATIONS SHOWN (TBM or MSL):
12. MANUFACTURER'S DESIGNATION OF DRILL: 1500
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 1 UNDISTURBED 4
14. TOTAL NUMBER CORE BOXES:
15. ELEVATION GROUND WATER:
16. DATE HOLE: STARTED 6-9-78 COMPLETED 6-9-78
17. ELEVATION TOP OF HOLE:
18. TOTAL CORE RECOVERY FOR BORING: %
19. SIGNATURE OF INSPECTOR: [illegible]

ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
			8.0 To 14.0 gray clay Sandy shells V. soft	0.0 / 10.0	1-C	Water Depth 8.0 Tide +2.1 @ 1130
				0.0 / 17.5	2-C	4.5 to 22.5 3" Sh. Tube 8.0 To 17.5 3" Sh. Tube
				.25 / 15.0	3-C	
			14.0 To 22.5 gray Sand with Dense small Amount of Clay	/ 20.0	4-J	← 17.5 to 20.0 Pushed a Split Spoon
				1.00 / 22.5	5-C	20.0 To 22.5 3" Sh. Tube

ENG FORM 1836 MAR 71 PREVIOUS EDITIONS ARE OBSOLETE.

PROJECT Port Aransas Chan. HOLE NO. 78-180 (A)