Hole No. 78-132

DRILLING LOG | DIVISION: Southwest | INSTALLATION: Galv. Dist | SHEET 1 OF 3 SHEETS

1. PROJECT: Houston Ship Channel
2. LOCATION (Coordinates or Station): St 58+500
3. DRILLING AGENCY: U.S.C.E.S.
4. HOLE NO. (As shown on drawing title and file number): 78-132
5. NAME OF DRILLER: Conner
6. DIRECTION OF HOLE: ☑ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE: 58.0
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL: Failing 1500
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN: DISTURBED 4 Jars; UNDISTURBED 12 ea-t
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER: Tide + 1.6
16. DATE HOLE: STARTED 22 MAY 1978; COMPLETED 22 MAY 78
17. ELEVATION TOP OF HOLE: Tide + 1.6
18. TOTAL CORE RECOVERY FOR BORING: %
19. SIGNATURE OF INSPECTOR: Buttolph

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
			water to 12.0			12.0 to 53.0 3" csg
			12.0 to 26.0			53.0 to 58.0 3" csg
			GR. CL (CH) w/ soft w/ shell	12.0	0.0	40' casing set
				1-3		
	15.0			15.0		
			GR. CL (CH) w/ soft w TR. shell		0.0	UNC
				2-C		35.0 to 40
				17.5		
				3-C	0.0	40.0 to 53
	20.0			20.0		13 ft 8"
				4-C	0.0	37.5 to 40 2"
				22.5		
				5-C	0.0	
	25.0			25.0		
			26.0 to 35.0	6-C	0.0	
			GR. ORGANIC CL (CH) soft	27.5		
				7-C	0.0	
	30.0			30.0		

ENG FORM 1836 MAR 71 PREVIOUS EDITIONS ARE OBSOLETE. (TRANSLUCENT)

PROJECT

HOLE NO. 78-132

Hole No. 78-132

DRILLING LOG	DIVISION Southwest	INSTALLATION Galv. Dept	SHEET 2 OF 5 SHEETS

1. PROJECT Houston Ship Ch
2. LOCATION (Coordinates or Station)
3. DRILLING AGENCY U-3-CBC
4. HOLE NO. (As shown on drawing title and file number) 78-132
5. NAME OF DRILLER
6. DIRECTION OF HOLE ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN — DISTURBED — UNDISTURBED
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE — STARTED — COMPLETED
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING %
19. SIGNATURE OF INSPECTOR

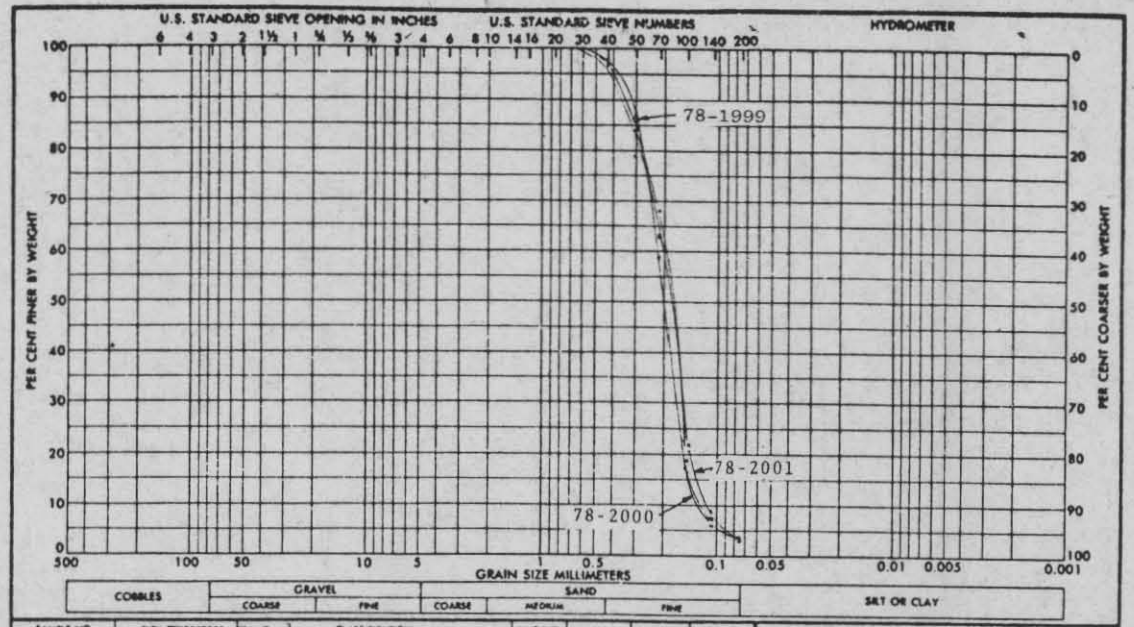
ELEVATION a	DEPTH b	LEGEND c	CLASSIFICATION OF MATERIALS (Description) d	% CORE RECOVERY e	BOX OR SAMPLE NO. f	REMARKS (Drilling time, water loss, depth of weathering, etc., if significant) g
					0,25	
				8-C		
				32.5		
					1,25	
				9-C		
	35.0	35.0	to 37.5	35.0		
			GR. SA. CL (SOFT to med CCH)		050	
				10-C		
		37.5	to 40.0	37.5		
			GR. SA. CL (CCH) V/SOFT FF		2.10	
				11-C		
	40.0	40.0	to 53.0	40.0		
					3/3	
			GR. SA (SP)			40.5 to 41.0 6 BL
						41.0 to 41.5 11 BL
				12-I		
	45.0			45.0		
						45.5 to 46.0 9 BL
						46.0 to 46.5 14 BL
				13-J		
	50.0			50.0		

Hole No. 78-132

DRILLING LOG | DIVISION: Southwest | INSTALLATION: Galv. Dist | SHEET 3 OF 3 SHEETS

1. PROJECT: Houston Ship Ch
2. LOCATION (Coordinates or Station)
3. DRILLING AGENCY
4. HOLE NO. (As shown on drawing title and file number): 78-132
5. NAME OF DRILLER
6. DIRECTION OF HOLE: ☐ VERTICAL ☐ INCLINED _____ DEG. FROM VERT.
7. THICKNESS OF OVERBURDEN
8. DEPTH DRILLED INTO ROCK
9. TOTAL DEPTH OF HOLE
10. SIZE AND TYPE OF BIT
11. DATUM FOR ELEVATION SHOWN (TBM or MSL)
12. MANUFACTURER'S DESIGNATION OF DRILL
13. TOTAL NO. OF OVER-BURDEN SAMPLES TAKEN | DISTURBED | UNDISTURBED
14. TOTAL NUMBER CORE BOXES
15. ELEVATION GROUND WATER
16. DATE HOLE | STARTED | COMPLETED
17. ELEVATION TOP OF HOLE
18. TOTAL CORE RECOVERY FOR BORING %
19. SIGNATURE OF INSPECTOR

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
						535 to 54.0 Sft
				14-I		54 ot 54.5 13 60
	53.0		to 58.0	53.0		
			BR. SA CL (CH)		2.00	
	55.0		St. FF to v/st. FF	15-C		
					1.75	
				12-C		
						Bottom 58.1



SAMPLE NO	ELEV OR DEPTH	m.s.l. CLASSIFICATION	NAT W%	LL	PL	PI
78-2032	38.0'-43.0'	Fine sand				
78-2033	43.0'-48.0'	Fine sand				

GRADATION CURVES

PROJECT: HOUSTON SHIP CHANNEL
PASSING AREA
AREA: STA 50+500
BORING NO: 78-132
DATE: JUNE 1978