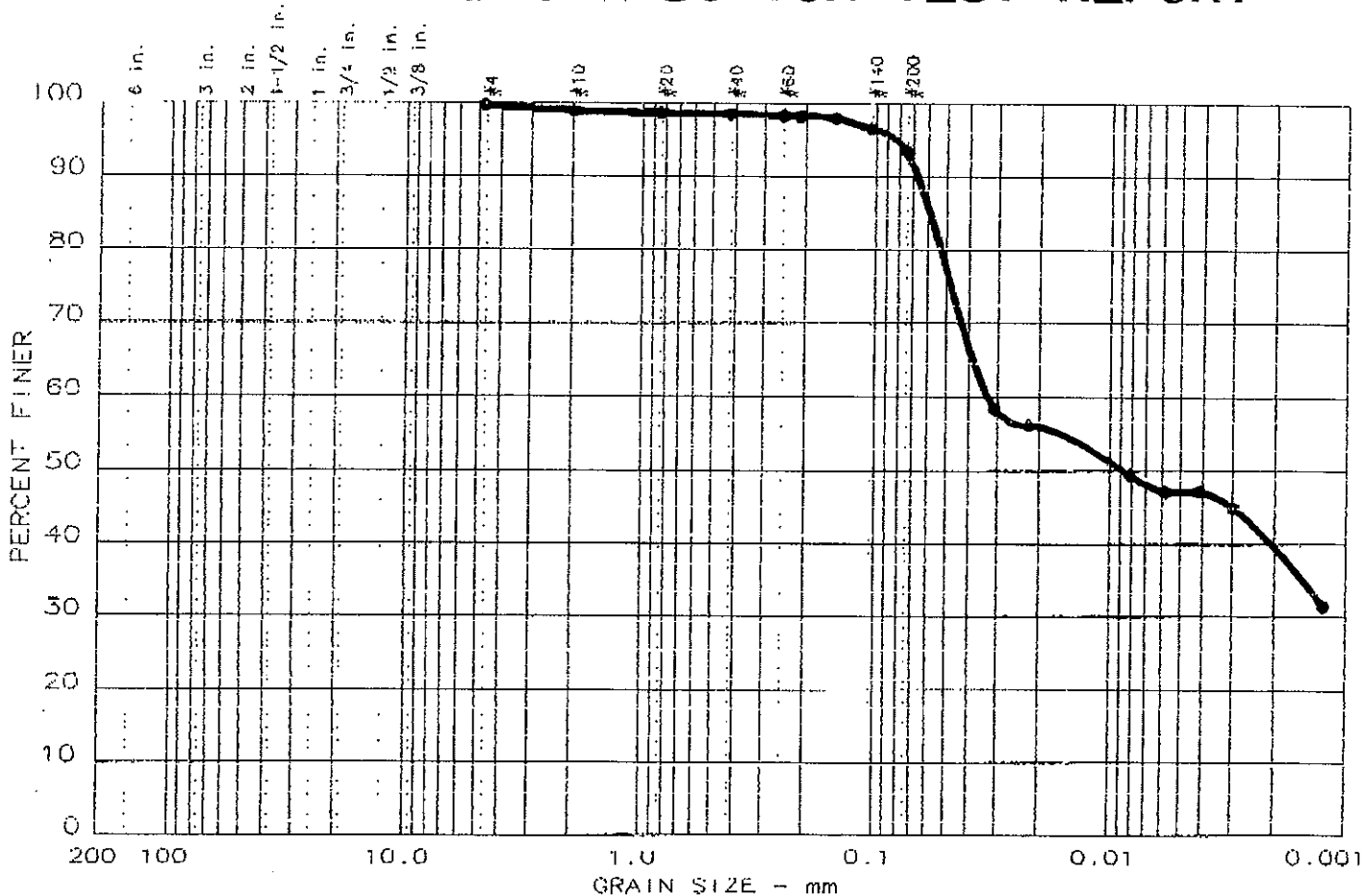


GRAIN SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
• 3	0.0	0.3	6.1	46.4	47.2

LL	PI	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
•				0.01					

MATERIAL DESCRIPTION	USCS	AASHTO
• SEDIMENT		

Project No.: 16665-03 Project: USACE GALVESTON • Location: CC R 00-02A Date: 11 APRIL 2000 GRAIN SIZE DISTRIBUTION TEST REPORT ANACON, INC.	Remarks: Figure No. _____
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Date: 11 APRIL 2000
Project No.: 16665-03
Project: USACE GALVESTON

Sample Data

Location of Sample: CC-R-00-02A
Sample Description: SEDIMENT
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: Sieve 4,10,20,40,60 - Shells

Fig. No.:

Mechanical Analysis Data

Initial			
Dry sample and tare=	44.14		
Tare =	0.00		
Dry sample weight =	44.14		
Sieve tare method			
Sieve	Weight retained	Sieve tare	Percent finer
# 4	0.15	0.00	99.7
# 10	0.33	0.00	98.9
# 20	0.12	0.00	98.6
# 40	0.05	0.00	98.5
# 60	0.10	0.00	98.3
# 70	0.03	0.00	98.2
# 100	0.09	0.00	98.0
# 140	0.66	0.00	96.5
# 200	1.33	0.00	93.5

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 98.9
Weight of hydrometer sample: 44.14
Calculated biased weight= 44.63
Automatic temperature correction
Composite correction at 20 deg C =-2.5

Meniscus correction only- 1
Specific gravity of solids= 2.63
Specific gravity correction factor= 1.005

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.0	25.5	27.0	26.0	0.0128	28.0	11.7	0.0311	58.4
4.0	25.5	26.0	25.0	0.0128	27.0	11.9	0.0221	56.2
30.0	25.5	23.0	22.0	0.0128	24.0	12.4	0.0082	49.4
60.0	25.5	22.0	21.0	0.0128	23.0	12.5	0.0059	47.2
120.0	25.5	22.0	21.0	0.0128	23.0	12.5	0.0042	47.2
240.0	25.5	21.0	20.0	0.0128	22.0	12.7	0.0030	44.9
1440.0	25.5	15.0	14.0	0.0128	16.0	13.7	0.0013	31.4

Fractional Components

Gravel/Sand based on #4 sieve

Sand/Fines based on #200 sieve

% + 3 in. = 0.0 % GRAVEL = 0.3 % SAND = 6.1

% SILT = 46.4 % CLAY = 47.2

D85= 0.06 D60= 0.033 D50= 0.009

Lynne Graham's report

WATER QUALITY DATA

P

Project: **Corpus Christi Ship Channel - Rincon Canal**

EHA Job #: **DO 0028**

Date(s) Collected: 3/23/2000 4/5/2000

Tide, MLT: High

Wind Direction: SSE S

Wind Speed: 20-25 mph, gusty

Weather and Water Conditions: Cloudy and rough clear skies, calm to slightly choppy

Sample Number	CC-R-00-01A	CC-R-00-01B	CC-R-00-02A	CC-R-00-02B	CC-R-00-03	CC-R-00-GS110*	CC-R-00-GS115*	CC-R-00-03A
Station	20+00	40+00	60+00	80+00	100+00	110+00	115+00	120+00
Distance From C _L (Ft.)	0	0	0	0	0	0	0	0
Water Depth MLT (Ft.)	15.2	14	13	16	15	12	13	15.5
DO (mg/L)	6.93	6.92	7.07	7.28	7.28	7.03	6.75	6.72
pH	8.03	8.03	8.03	8.13	8.13	8.13	8.1	8.1
Salinity (‰)	33.43	33.26	33.13	33.6	33.8	34	33.39	33.5
Water Temp. (°C)	21.8	21.63	21.15	22.22	22.2	22.31	22.31	22.29
Air Temp. (°C)	21.1	21.1	21.6	75	75	75	74	72
Lat	27 48'53.34"	27 49'07.61"	27 49'23.17"	27 49 54.00"	27 49 53.51"	27 50 01.37"	27 50 05.03"	27 50 09.4"
Long	97 21'12.98"	97 21'28.14"	97 21'41.58"	97 22 10.23"	97 22 09.73"	97 22 17.03"	97 22 20.63"	97 22 24.2"
Time	917	950	1017	1530	1550	1600	1607	1200