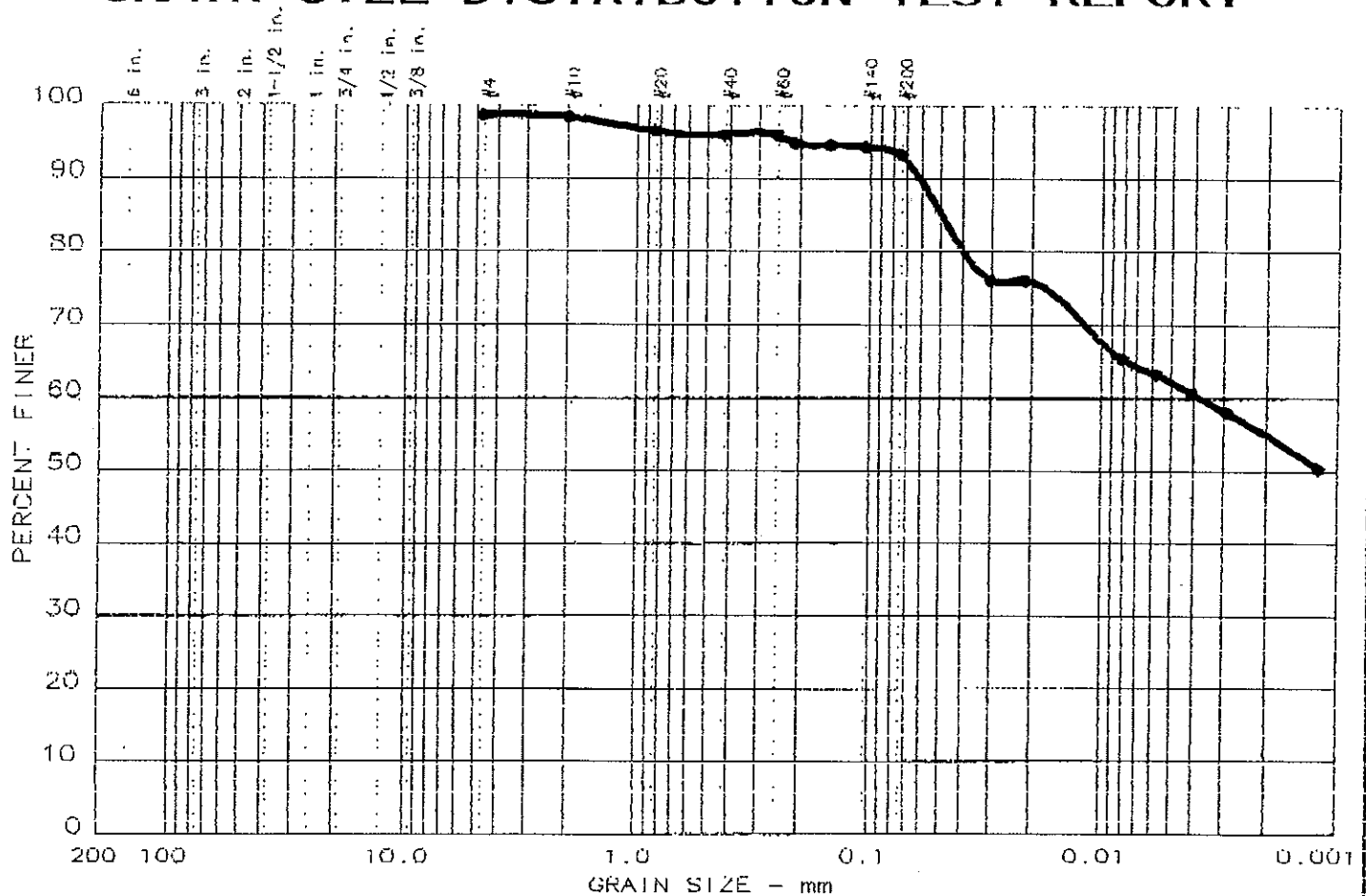


GRAIN SIZE DISTRIBUTION TEST REPORT



Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
1	0.0	1.4	5.4	31.0	62.2

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

MATERIAL DESCRIPTION	USCS	AASHTO
SEDIMENT		

Project No.: 16555-1
 Project: USACE GALVESTON
 Location: CC R-00-Q1A CORPUS CHRISTI
 Date: 11 APRIL 2000
 GRAIN SIZE DISTRIBUTION TEST REPORT
ANACON, INC.

Remarks:

Figure No. _____

Date: 11 APRIL 200
Project No.: 16665-1
Project: USACE GALVESTON

Sample Data

Location of Sample: CC-R-00-01A CORPUS CHRISTI
Sample Description: SEDIMENT
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

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

Fig. No.:

Mechanical Analysis Data

Initial
Dry sample and tare= 38.20
Tare = 0.00
Dry sample weight = 38.20
Sieve tare method

Sieve	Weight retained	Sieve tare	Percent finer
# 4	0.53	0.00	98.6
# 10	0.11	0.00	98.3
# 20	0.70	0.00	96.5
# 40	0.20	0.00	96.0
# 60	0.05	0.00	95.8
# 70	0.40	0.00	94.8
# 100	0.10	0.00	94.5
# 140	0.11	0.00	94.2
# 200	0.38	0.00	93.2

Hydrometer Analysis Data

Separation sieve is number 10
Percent -# 10 based on complete sample= 98.3
Weight of hydrometer sample: 38.2
Calculated biased weight- 38.85
Automatic temperature correction
Composite correction at 20 deg C =-2

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	30.0	29.5	0.0128	31.0	11.2	0.0304	76.2
4.0	25.5	30.0	29.5	0.0128	31.0	11.2	0.0215	76.2
30.0	25.0	26.0	25.3	0.0129	27.0	11.9	0.0081	65.4
60.0	25.5	25.0	24.5	0.0128	26.0	12.0	0.0058	63.2
120.0	25.5	24.0	23.5	0.0128	25.0	12.2	0.0041	60.6
240.0	25.5	23.0	22.5	0.0128	24.0	12.4	0.0029	58.1
1440.0	25.5	20.0	19.5	0.0128	21.0	12.9	0.0012	50.3

Fractional Components

Gravel/Sand based on #4 sieve

Sand/Fines based on #200 sieve

% + 3 in. = 0.0 % GRAVEL = 1.4 % SAND = 5.4

% SILT = 31.0 % CLAY = 62.2

D85= 0.05 D60= 0.004

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