Wt Depth 1.4

28 07 17.2
96° 55' 17.5"

BORING LOG
FIELD DATA

Project G.I.W.W. ARANASAS Wildlife Refuse Site _____ Date 10/9/99
Location PORT LAVACA, TEXAS Job No. 20-02
Drill Rig _____ Inspector Richards Operator JUNEAU Surface El 1.25 Boring No. 99-84U

SAMPLE NUMBER	DATE TAKEN	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER			CLASSIFICATION AND REMARKS
1	10/9			0.0	3.5	0.0	3.5	5" Undist.			(3.5 rec vso Gr CL ars SM) Fill
				Attempt @ rec				fill (No Sam)			Sample No. 1 No sample
2				4.0	7.5						3.5 rec vso Gr CL ars SM
3				8.0	11.5	8.0	11.0	Undist			2.5 1 Gr SM ars CL
4				12.0	15.5			Splitspoon			
5				16.0	19.5						
6				20.0	23.5						
7				24.0	27.5						
8				28.0	31.5						
9				32.0	35.5						

WES FORM JAN 74 819 EDITION OF NOV 1971 MAY BE USED

Sheet _____ of _____ Sheets

BORING LOG
FIELD DATA

Project _____ Site _____ Date 10/9/99
Location _____ Job No. _____
Drill Rig _____ Inspector _____ Operator _____ Surface El _____ Boring No. 99-844

SAMPLE NUMBER	DATE TAKEN	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	B/6 in 5		CLASSIFICATION AND REMARKS
4	10/9			13.0	13.5			Splitspoon	10		
				13.5	14.0				9		
				14.0	14.5	14.0	14.5		10		Gr SM
5				18.0	18.5				3		
				18.5	19.0				3		
				19.0	19.5	19.0	19.5		6		Gr SM
6				23.0	23.5				12		
				23.5	24.0				19		
				24.0	24.5	24.0	24.5		23		Gr SM, SLF

WES FORM JAN 74 819 EDITION OF NOV 1971 MAY BE USED

Sheet _____ of _____ Sheets

BORING LOG
FIELD DATA

Project _____ Site _____ Date 10/9/99
Location _____ Job No. _____
Drill Rig _____ Inspector _____ Operator _____ Surface El _____ Boring No. 99-8441

SAMPLE NUMBER	DATE TAKEN	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	Blows		CLASSIFICATION AND REMARKS
7				28.0	28.5	28.0	28.5	Splitspoon	3		28.0-28.5 Gr SM or CH
				28.5	29.0	28.5	29.0		15		
				29.0	29.5	29.0	29.5		36		
8				33.0	33.5	33.0	33.5		45		
				33.5	34.0	33.5	34.0		50+	(90)	33.5-34.0 Gr SM
				34.0	34.5	34.0	34.5				
9				38.0	38.5	38.0	38.5		6		
				38.5	39.0	38.5	39.0		4		
				39.0	39.5	39.0	39.5		7		39.0-39.5 Gr SM, SLF
10				43.0	43.5	43.0	43.5		6		
				43.5	44.0	43.5	44.0		4		
				44.0	44.5	44.0	44.5		4		44.0-44.5 Gr SM

WES FORM JAN 73 819 EDITION OF NOV 1971 MAY BE USED

Sheet _____ of _____ Sheets

BORING LOG
FIELD DATA

Project _____ Site _____ Date 10/9/99
Location _____ Job No. 20-02
Drill Rig _____ Inspector _____ Operator _____ Surface El _____ Boring No. 99-844

SAMPLE NUMBER	DATE TAKEN	STRATUM FROM	STRATUM TO	DRIVE FROM	DRIVE TO	SAMPLE FROM	SAMPLE TO	TYPE OF SAMPLER	Blows		CLASSIFICATION AND REMARKS
11				48.0	48.5	48.0	48.5	Splitspoon	6		
				48.5	49.0	48.5	49.0		5		
				49.0	49.5	49.0	49.5		6		49.0-49.5 Gr SM
12				53.0	53.5	53.0	53.5		34		
				53.5	54.0	53.5	54.0		24		
				54.0	54.5	54.0	54.5		38		54.0-54.5 Gr SM
13				58.0	58.5	58.0	58.5		50+		
				58.5	59.0	58.5	59.0				
				59.0	59.5	59.0	59.5				59.0-59.5 Gr SM ars CH

WES FORM 819 EDITION OF NOV 1971 MAY BE USED

Sheet _____ of _____ Sheets

[illegible] 55 11.5 28 07 11.2

LABORATORY BORING LOG

FOR UNDISTURBED SAMPLES ONLY

20-02 ARANSAS WILDLIFE REFUSE
PORT LAVACA, TEXAS (99)
BOR: 99-84U
5" UNDIST.

① Boring Number 99-84U

②-④ Location

⑤ Date Taken 9 Oct '99

⑥ G.S.E. 1.25

SAMPLE NO. 1

FOR UNDISTURBED

DEPTH & SUB SAMP.	TESTS ASSIGNED	LOG	SAMPLE FROM PAN NO	SAMPLE TO DRY WT	WATER CONTENT	STRATUM CHANGE	BORING LOG	CONSISTENCY	COLOR	MODIFICATION SYMBOLS	PENTRA RES	U.C.T.	BULK DENSITY	ATTERBERG LIMIT L.L.	ATTERBERG LIMIT P.L.	SIZE	TEST WATER CONTENT	UCT DEPTH
A			0.0	3.5		3.5 NS				NO SAMPLE ON RECOVERY								
B																		
C																		
D																		

Classifier _____ Recorder _____ Checker _____ Date Analyzed _____

Sheet 1 of 4 Sheets

LMN Form 721
Rev 69

(Replaces previous edition & LMN Form 680, 30 Jun 66)

LABORATORY BORING LOG

FOR UNDISTURBED SAMPLES

20-02 ARANSAS WILDLIFE REFUGE
PORT LAVACA, TEXAS (99)
BOR: 99-84U
5" UNDIST Tora

Wt soil / Wt water

① Boring Number 99-84U

②–④ Location

⑤ Date Taken 2 Oct '99 ⑥ G.S.E.

SAMPLE NO. 2 FOR UNDISTURBED

DEPTH & SUB SAMP		SAMPLE FROM PAN NO	SAMPLE TO	WATER CONTENT	STRATUM CHANGE	BORING LOG	CONSISTENCY	COLOR	MODIFICATIONS (STRUCTURE)	PENETROM. RES	U.C.T.	BULK DENSITY	ATTERBERG LIMIT LL	ATTERBERG LIMIT PL	SIZE	TEST WATER CONTENT	UCT DEPTH
3.5									Shell	Shell frags							DRY WT.
A	D	3.5	5.5	34	5.5 CL	SS	VSO	GR	SZ	SIF							
		54	109.2	5													18.6
4.0																	
		57	181.2	59		CH	VSO	BR	INS	O/S	SM	SL	SLF	Hard-out			
																	18.6
4.7																	
		117.37															
																	41.5
C								Brown		clay seams shell fragments							
	2	5.5	7.5		7.5 SM			GR		SZ	SIF						
5.8		64.6															
					SM				INS	ch	SLF	ORG	matter				
D																	
		2.7															
6.7																	

Classified: JMC Recorded: RL Checked: Date Analyzed: OCT 14 1999 Sheet 2 of 4 Sheets

LMN Form 721 Rev 69 (Replaces previous edition & LMN Form 680, 30 Jan 66)

LABORATORY BORING LOG

FOR UNDISTURBED SAMPLES ONLY

20-02 ARANSAS WILDLIFE REFUSE
PORT LAVACA, TEXAS (99)
BOR: 99-84U
5" UNDIST.

① Boring Number 99-84U

②-③ Location

④ Date Taken

⑤ G.S.E.

SAMPLE NO. 3

FOR UNDISTURBED

DEPTH & SUB SAMPLE	SAMPLE FROM PSN NO.	SAMPLE TO W/W DRY WT	WATER CONTENT	STRATUM CHANGE	BORING LOG	CONSISTENCY	COLOR	MODIFICATION SYMBOLS	PENTRN. RES	U.C.T.	BULK DENSITY	ATTERBERG LIMIT L.L.	ATTERBERG LIMIT P.L.	SIZE	TEST WATER CONTENT	UCT DEPTH
8.0	7.5	14.0			SM		GR GN	CS								
	507															
8.9																
B	135				SM		Ar GN	Qs cl sp ks dw								
9.8																
C	574															
10.7																
D																

Classifier J M² Recorder P.C. Checker Date Analyzed OCT 14 1999 Sheet 3 of 4 Sheets

LMN Form 721 (Replaces previous edition & LMN Form 720, 30 Jun 66)
Rev 69

LABORATORY BORING LOG

FOR UNDISTURBED SAMPLE

SAMPLE NO. 4-13

FOR UNDISTURBED ONLY

10-02 ARANSAS WILDLIFE REFUSE
PORT LAVACA, TEXAS (99)
BOR: 99-840
5" UNDIST.

① Boring Number 99-840

②-④ Location

⑤ Date Taken

⑥ G.S.E.

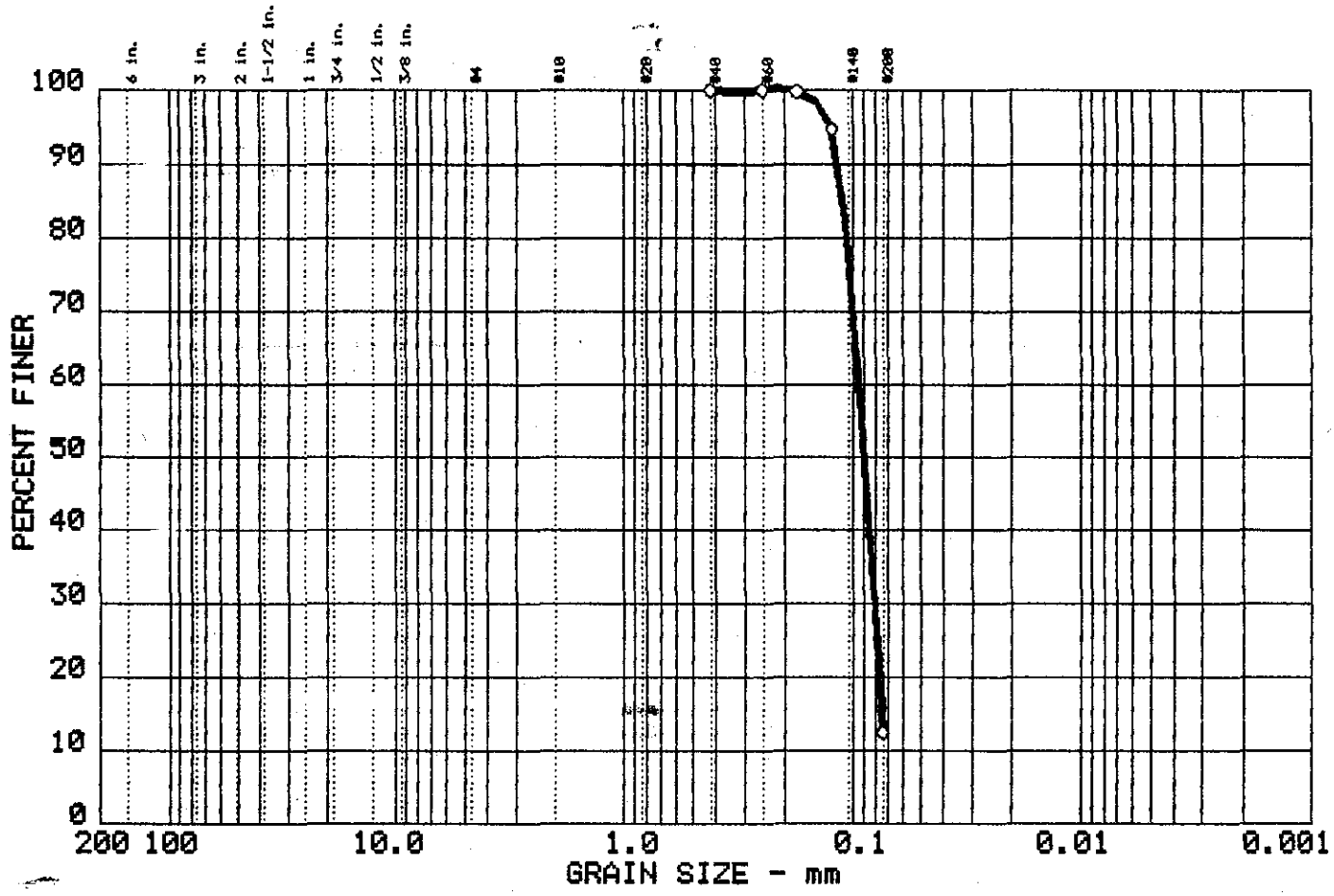
DEPTH	SUB SAMP.	TYPE	NO.	SAMPLE	WATER CONTENT	STRATUM CHANGE	BORING LOG	CONSISTENCY	COLOR	MODIFICATION VISCOS.	PENTRES	U.C.T.	SUBM. DENSITY	ATTERBERG LIMIT L.L.	ATTERBERG LIMIT P.I.	SIZE	TEST WATER CONTENT	UCT DEPTH
				17.0 14.5			SM		Lge Gr		19							
				17.0						Ors Cl								
	A			17.0 19.5			SM		Lge Gr		9							
										Ors Cl Sample, allowed								
				24.0 24.5		28.0 SM			Gr Gr	Ors Stf	12							
										Ors Cl Rus Stf								
				29.5	30	29.5 SCL	SS	VSD	Gr		51							
				34.0	30					Ors Lge Ors SM								70.6
	B			34.5		35.0 SM			Gr	Ors	101							
										Ors Cl								
				39.5	28	39.5 CL	SS	VSD	Gr	Stf	41							
				44.0	23					Lge Ors SM Few Cl								111.9
	C			44.5	23		ML		Gr	Ors	8							
				49.0	23					Ors Cl Few SM								112.6
				49.0	29	49.5 ML			Gr	Ors	11							
					27					Ors Cl Few SM								116.4
				54.0 54.5		55.0 SM				Ors	62							
										Ors Cl								
				59.0 59.5	31	59.5 SCL	SS	VSD	Gr		101							
				59.0 102.9	31					Lge Ors SM								95.8
	D																	

Classifier E. S. Recorder R. L. Checker

Sheet 4 of 4 Sheets

LMN Form 721 (Replaces previous edition & LMN Form 680, 30 Jun 66)
Rev 69

GRAIN SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
O	13	0.0	0.0	87.5	12.5	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
O			0.11	0.09	0.09	0.081	0.0749			

MATERIAL DESCRIPTION	USCS	AASHTO
O SM	*	*

Project No.: 20-02
Project: G.I.W.W. ARANSAS WILDLIFE REFUSE
O Location: PORT LAVACA,TX.

Date: 16NOV99

Remarks:
TECH. RL.ES.
PAN-474
CUP-A1
SAM-4

GRAIN SIZE DISTRIBUTION TEST REPORT
USCOE, NEW ORLEANS

Figure No.4

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 13

Date: 16NOV99
Project No.: 20-02
Project: G.I.W.W. ARANSAS WILDLIFE REFUSE

Sample Data

Location of Sample: PORT LAVACA,TX.
Sample Description: SM
USCS Class: *
AASHTO Class: *
Liquid limit:
Plasticity index:

Notes

Remarks: TECH. RL.ES. PAN-474
CUP-A1 SAM-4
Fig. No.: 4

Mechanical Analysis Data

Initial
Dry sample and tare= 118.29
Tare = 0.00
Dry sample weight = 118.29
Tare for cumulative weight retained= 0

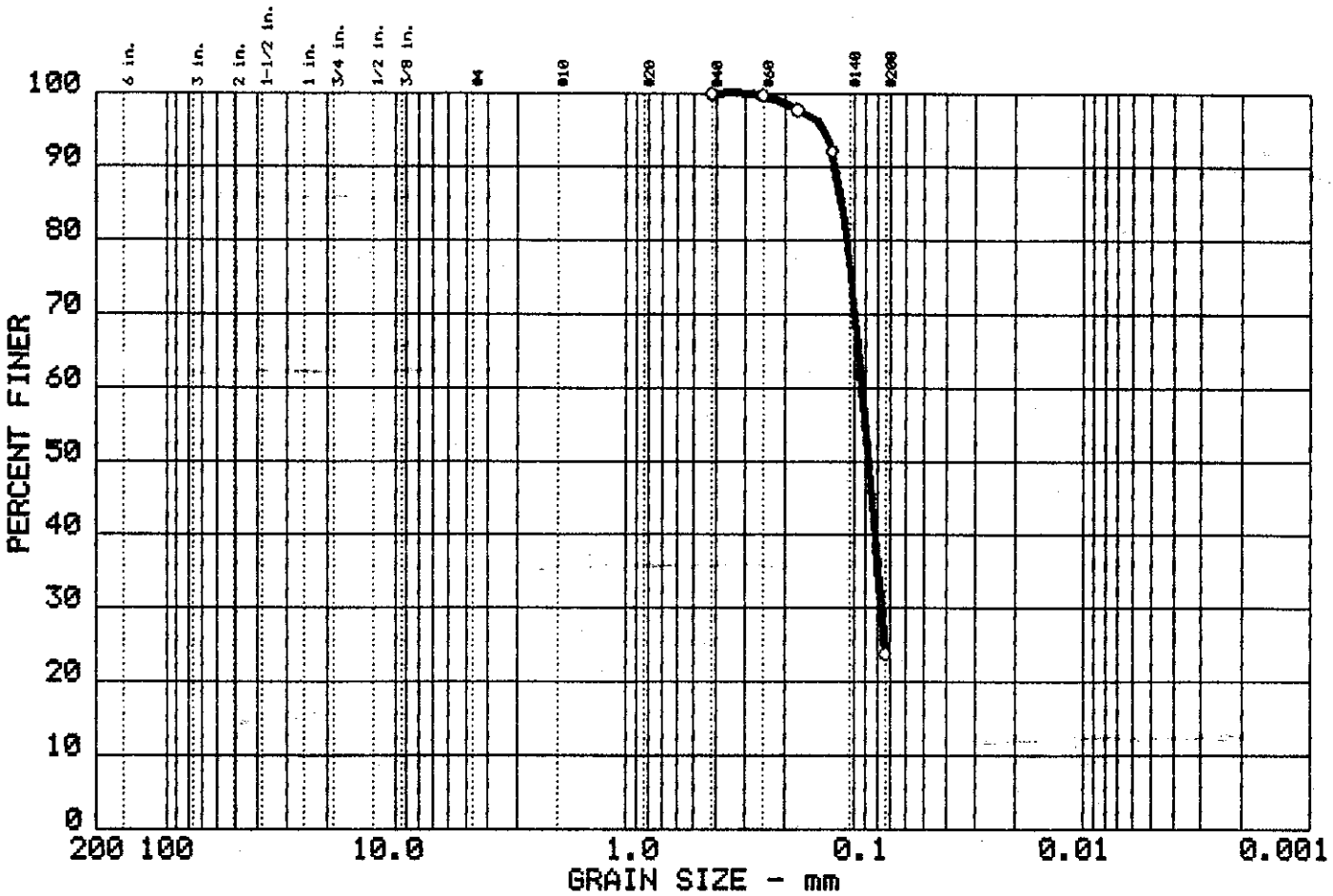
Sieve	Cumul. Wt. retained	Percent finer
R 40	0.00	100.0
R 60	0.03	100.0
R 80	0.26	99.8
R 120	6.20	94.8
R 200	103.50	12.5

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 87.5
% FINES = 12.5

D85= 0.11 D60= 0.094 D50= 0.089
D30= 0.0805 D15= 0.07489

GRAIN SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
○	12	0.0	0.0	76.3	23.7	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
○			0.11	0.09	0.09	0.077				

MATERIAL DESCRIPTION	USCS	AASHTO
○ SM	*	*

Project No.: 20-02
Project: G.I.W.W. ARANSAS WILDLIFE REFUSE
○ Location: PORT LAVACA,TX.

Date: 17NOV99

Remarks:
TECH. RL.ES.
PAN-113
CUP-64
SAM-8

GRAIN SIZE DISTRIBUTION TEST REPORT
USCOE, NEW ORLEANS

Figure No.8

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 12

Date: 17NOV99
Project No.: 20-02
Project: G.I.W.W. ARANSAS WILDLIFE REFUSE

Sample Data

Location of Sample: PORT LAVACA,TX.
Sample Description: SM
USCS Class: *
AASHTO Class:
Liquid limit:
Plasticity index:

Notes

Remarks: TECH. RL.ES. PAN-113
CUP-64 SAM-8
Fig. No.: 8

Mechanical Analysis Data

	Initial
Dry sample and tare=	114.70
Tare =	0.00
Dry sample weight =	114.70

Tare for cumulative weight retained= 0

Sieve	Cumul. Wt. retained	Percent finer
R 40	0.00	100.0
R 60	0.27	99.8
R 80	2.55	97.8
R 120	8.92	92.2
R 200	87.48	23.7

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 76.3
% FINES = 23.7

D85= 0.11 D60= 0.092 D50= 0.087
D30= 0.0767

SIEVE ANALYSIS WORK SHEET

Project: 20-02 ARANSAS WILDLIFE REFUSE
PORT LAVACA, TEXAS (99)
BOR: 99- 84U
5" UNDIST.

Date:

Sheet No:

Boring No:

U.S. STD Sieve No.	Opening mm.	Sample No. 4			Sample No. 8			Sample No.		
		Sample Elev.			Sample Elev.			Sample Elev.		
		Sample Wt. 118.29 119.1 gms			Sample Wt. 114.7 gms			Sample Wt. gms		
		Sieve Wt. 106.5 gms			Sieve Wt. 94.6 gms			Sieve Wt. gms		
		Ret. gms	Ret. %	Pass %	Ret. gms	Ret. %	Pass %	Ret. gms	Ret. %	Pass %
1"	25.4	PAN	4.74		PAN	1.13		PAN		
3/4"	19.1	Cup	.41		Cup	.64		Cup		
1/2"	12.7									
3/8"	9.52		SLF							
4	4.76		.44							
6	3.36		.65			.16				
10	2.00		.66			.25				
12	1.68		.72			.29				
16	1.19									
18	1.00		.76			.41				
20	0.84									
30	0.59									
35	0.50									
40	0.42	0.0	SLF .81		0.0	.65				
50	0.297									
60	0.250	.03			.27					
70	0.210									
80	0.177	.26			2.55					
100	0.149									
120	0.125	6.20			8.92					
140	0.105									
200	0.074	103.5			87.48					
230	0.062									
Pan		105.7			93.94					
Total										

Technician:

Computed:

Checked:

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 12

Date: 18OCT99
Project No.: 20-02
Project: ARANSAS WILDLIFE REFUSE

Sample Data

Location of Sample: PORT LAVACA, TEXAS
Sample Description: SILTY SAND (SM1)
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: PAN 299 CUP AE
TECH JMC BOR. 99-84U
Fig. No.: 2D

Mechanical Analysis Data

Initial
Dry sample and tare= 174.20
Tare = 0.00
Dry sample weight = 174.20
Tare for cumulative weight retained= 0

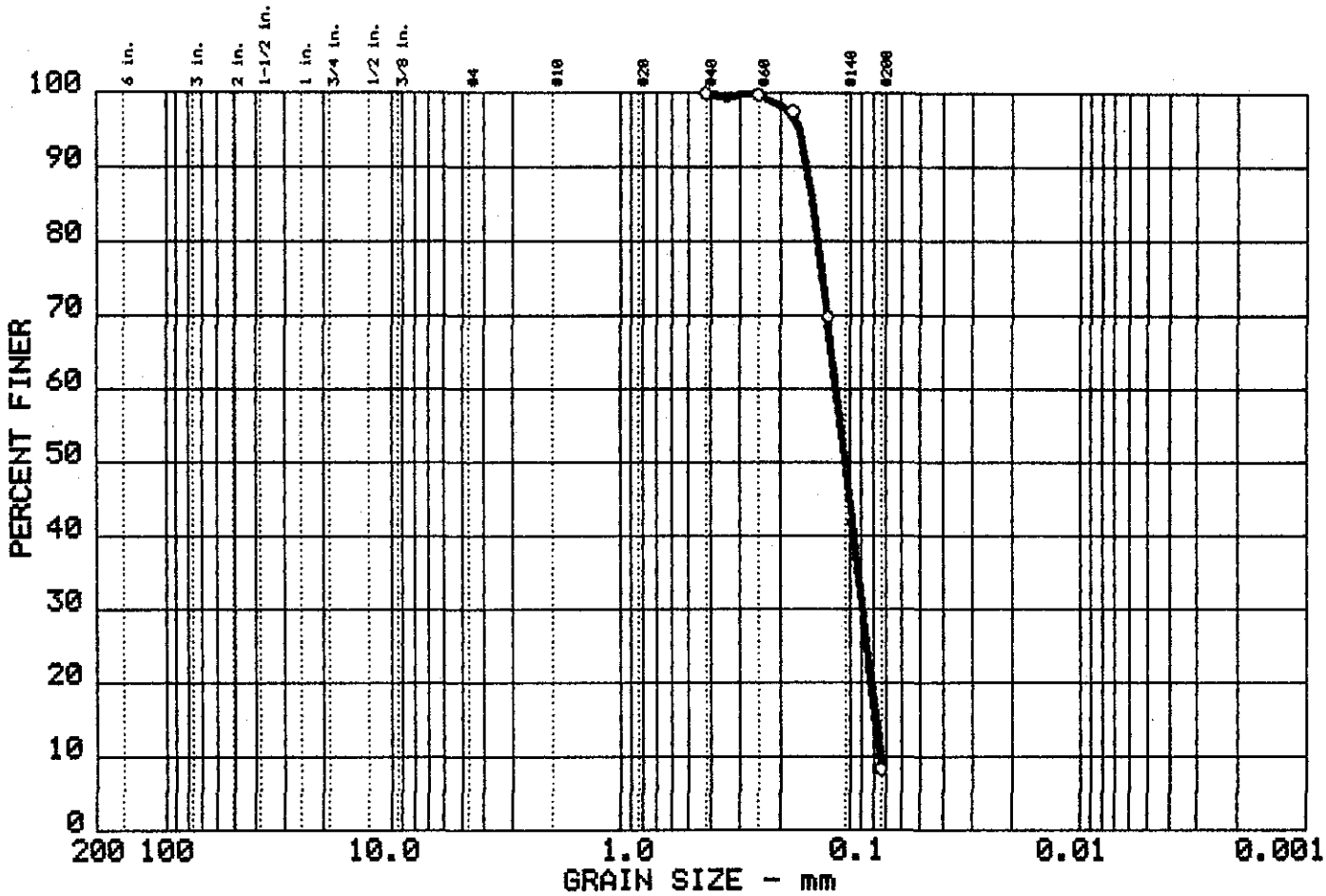
Sieve	Cumul. Wt. retained	Percent finer
R 40	0.00	100.0
R 60	0.20	99.9
R 80	4.30	97.5
R 120	52.40	69.9
R 200	159.70	8.3

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 91.7
% FINES = 8.3

D85= 0.14 D60= 0.114 D50= 0.105
D30= 0.0886 D15= 0.07816 D10= 0.07499
Cc = 0.9152 Cu = 1.5258

GRAIN SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
o	12	0.0	0.0	91.7	8.3	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
o			0.14	0.11	0.10	0.089	0.0782	0.0750	0.92	1.5

MATERIAL DESCRIPTION	USCS	AASHTO
o SILTY SAND (SM1)		

Project No.: 20-02
Project: ARANSAS WILDLIFE REFUSE
o Location: PORT LAVACA, TEXAS

Date: 18OCT99

Remarks:
PAN 299
CUP AE
TECH JMC
BOR. 99-84U

GRAIN SIZE DISTRIBUTION TEST REPORT
USCOE, NEW ORLEANS

Figure No.2D

GRAIN SIZE DISTRIBUTION TEST DATA

Test No.: 11

Date: 18OCT99
Project No.: 20-02
Project: ARANSAS WILDLIFE REFUSE

Sample Data

Location of Sample: PORT LAVACA, TEXAS
Sample Description: SILTY SAND (SM1)
USCS Class: Liquid limit:
AASHTO Class: Plasticity index:

Notes

Remarks: PAN 135 CUP BL
TECH JMC BOR. 99-84U
Fig. No.: 3B

Mechanical Analysis Data

Initial
Dry sample and tare= 172.10
Tare = 0.00
Dry sample weight = 172.10
Tare for cumulative weight retained= 0

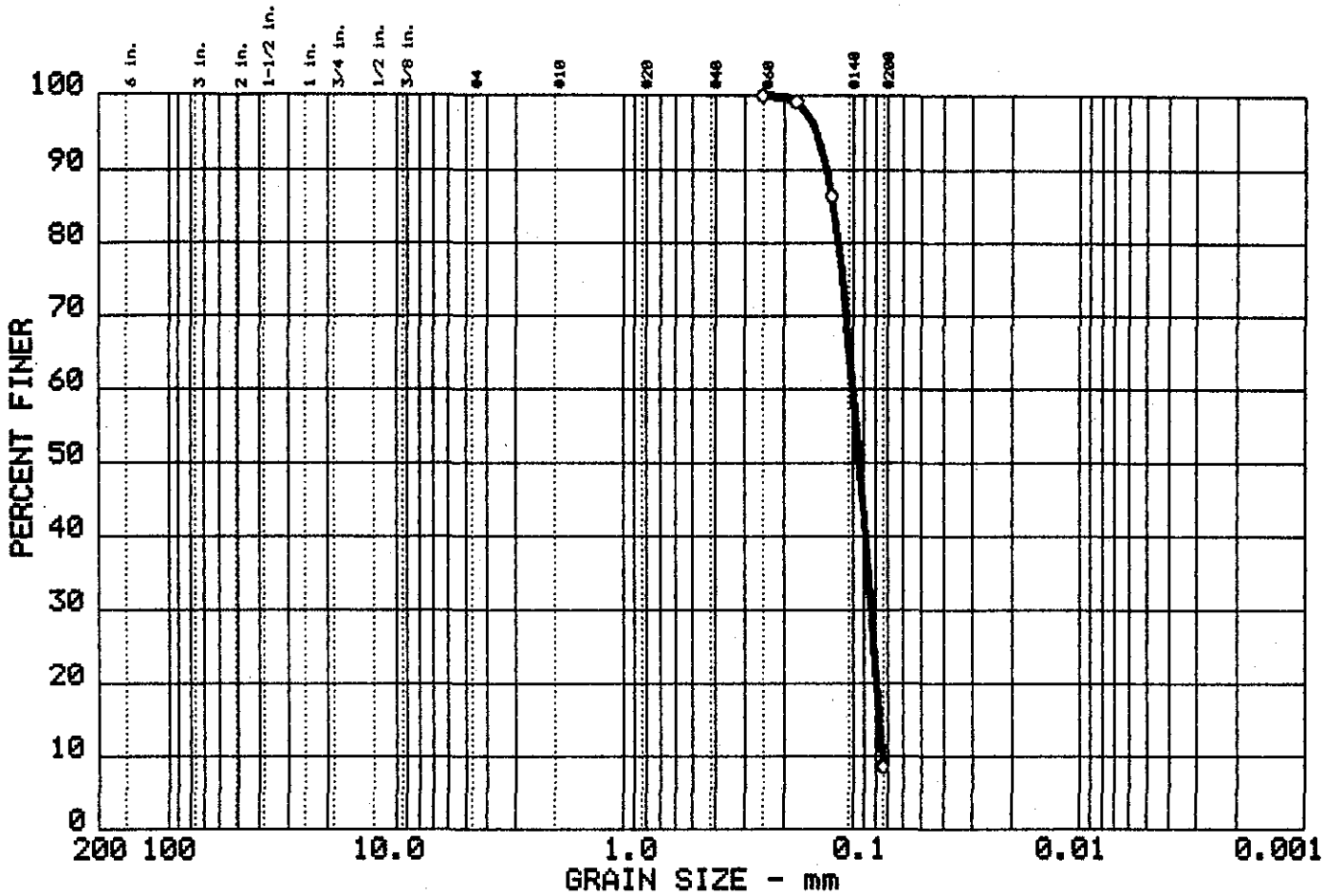
Sieve	Cumul. Wt. retained	Percent finer
R 60	0.00	100.0
R 80	1.40	99.2
R 120	23.30	86.5
R 200	157.30	8.6

Fractional Components

% + 3 in. = 0.0 % GRAVEL = 0.0 % SAND = 91.4
% FINES = 8.6

D85= 0.12 D60= 0.100 D50= 0.094
D30= 0.0834 D15= 0.07665 D10= 0.07456
Cc = 0.9322 Cu = 1.3412

GRAIN SIZE DISTRIBUTION TEST REPORT



	Test	% +3"	% GRAVEL	% SAND	% SILT	% CLAY
o	11	0.0	0.0	91.4	8.6	

	LL	PI	D_{85}	D_{60}	D_{50}	D_{30}	D_{15}	D_{10}	C_c	C_u
o			0.12	0.10	0.09	0.083	0.0766	0.0746	0.93	1.3

MATERIAL DESCRIPTION	USCS	AASHTO
o SILTY SAND (SM1)		

Project No.: 20-02
Project: ARANSAS WILDLIFE REFUSE
o Location: PORT LAVACA, TEXAS

Date: 18OCT99

Remarks:
PAN 135
CUP BL
TECH JMC
BOR. 99-84U

GRAIN SIZE DISTRIBUTION TEST REPORT
USCOE, NEW ORLEANS

Figure No.3B

SIEVE ANALYSIS WORK SHEET

Project: 20-02 ARANSAS WILDLIFE REFUSE
PORT LAVACA, TEXAS (99)
BOR: 99- 84U
5" UNDIST.

Date:

Sheet No:

Boring No:

U.S. STD Sieve No.	Opening mm.	Sample No. 4			Sample No. 8			Sample No.		
		Sample Elev.			Sample Elev.			Sample Elev.		
		Sample Wt. 118.29 119.1 gms			Sample Wt. 114.7 gms			Sample Wt. gms		
		Sieve Wt. 106.5 gms			Sieve Wt. 94.6 gms			Sieve Wt. gms		
		Ret. gms	Ret. %	Pass %	Ret. gms	Ret. %	Pass %	Ret. gms	Ret. %	Pass %
1"	25.4	PAN	4.74		PAN	1.13		PAN		
3/4"	19.1	Cup	.41		Cup	.64		Cup		
1/2"	12.7									
3/8"	9.52		SLF							
4	4.76		.44							
6	3.36		.65			.16				
10	2.00		.66			.25				
12	1.68		.72			.29				
16	1.19									
18	1.00		.76			.41				
20	0.84									
30	0.59									
35	0.50									
40	0.42	0.0	SLF .81		0.0	.65				
50	0.297									
60	0.250	.03			.27					
70	0.210									
80	0.177	.26			2.55					
100	0.149									
120	0.125	6.20			8.92					
140	0.105									
200	0.074	103.5			87.48					
230	0.062									
Pan		105.7			93.94					
Total										

Technician:

Computed:

Checked:

SIEVE ANALYSIS WORK SHEET

Project: 20-02 ARANSAS WILDLIFE REFUSE
PORT LAVACA, TEXAS (99)
BOR: 99- 84U
5" UNDIST.

Date: 18 OCT 1999

Sheet No:

Boring No:

U.S. STD Sieve No.	Opening mm.	Sample No. 2-D			Sample No. 3-B			Sample No.		
		Sample Elev.			Sample Elev.			Sample Elev.		
		Sample Wt. 174.2 gms			Sample Wt. 172.1 gms			Sample Wt. gms		
		Sieve Wt. 160.4 gms			Sieve Wt. 158.1 gms			Sieve Wt. gms		
		Ret. gms	Ret. %	Pass %	Ret. gms	Ret. %	Pass %	Ret. gms	Ret. %	Pass %
1"	25.4	P-	299		P-	135				
3/4"	19.1	C-	AE		C-	BL				
1/2"	12.7									
3/8"	9.52									
4	4.76									
6	3.36									
10	2.00									
12	1.68									
16	1.19									
18	1.00									
20	0.84									
30	0.59									
35	0.50									
40	0.42	0.0		100.0						
50	0.297									
60	0.250	0.2		99.9	0.0		100.0			
70	0.210									
80	0.177	4.3		97.5	1.4		99.2			
100	0.149									
120	0.125	52.4		69.9	23.3		86.5			
140	0.105									
200	0.074	159.7		8.3	157.3		8.6			

LIQUID AND PLASTIC LIMIT TESTS

For use of this form, see EM 1110-2-1906.

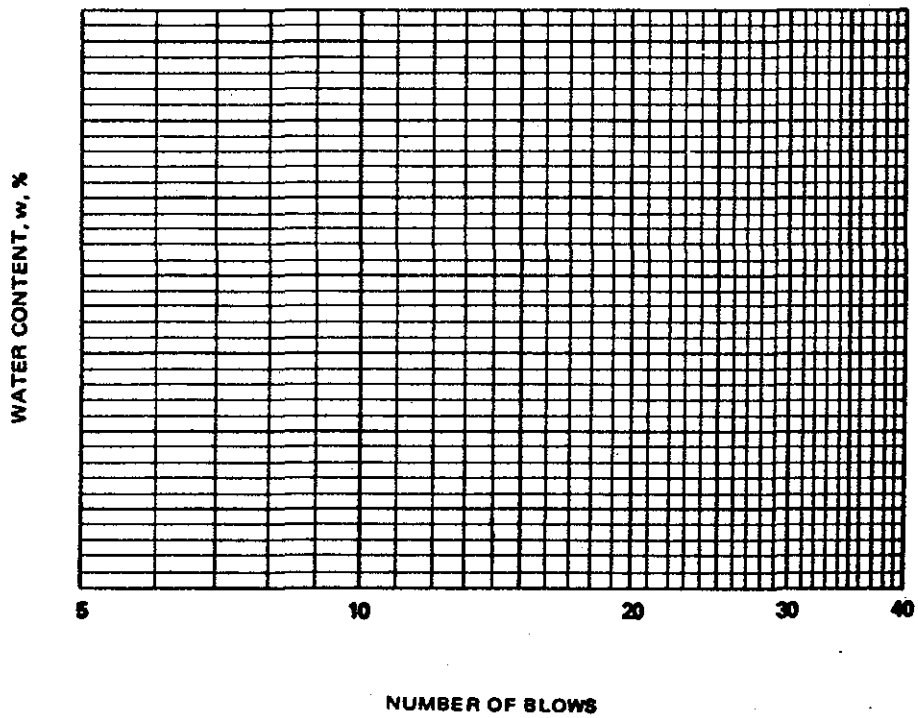
PROJECT G.I.W.W. ARANSAS Wildlife DATE 30 Nov '99

BORING NO. 99-844 SAMPLE NO. 2-B

LIQUID LIMIT

	RUN NO.	1	2	3	4	5	6
	TARE NO.	5	40				
WEIGHT IN GRAMS	TARE PLUS WET SOIL	23.9	23.2				
	TARE PLUS DRY SOIL	20.4	19.9				
	WATER W_w	3.5	3.3				
	TARE	10.3	10.1				
	DRY SOIL W_s	10.1	9.8				
	WATER CONTENT, % w	34.7	33.7				
	NUMBER OF BLOWS	23	24				

CUP NO. 47



LL 34

PL 18

PI 16

Symbol from plasticity chart CL4

PLASTIC LIMIT

	RUN NO.	1	2	3	4	5	NATURAL WATER CONTENT
	TARE NO.	48	27				
WEIGHT IN GRAMS	TARE PLUS WET SOIL	19.5	22.2				
	TARE PLUS DRY SOIL	18.0	20.3				
	WATER W_w	1.5	1.9				
	TARE	9.8	9.6				
	DRY SOIL W_s	8.2	10.7				
	WATER CONTENT, % w	18.3	17.8				
	PLASTIC LIMIT						

REMARKS

TECHNICIAN COMPUTED BY CHECKED BY

ENG FORM 1 JUN 65 3838

☆U.S.GPO:1964-0-452-954/18650

LIQUID AND PLASTIC LIMIT TESTS CL-4

SAMPLE NO:2-B
BORING NO:99-84U LL: 34 PL: 18 PI: 16 TECH:V.J.LDATE:12-27-1999

LIQUID LIMIT

RUN NO.	(1)	(2)	(3)	(4)	(5)	(6)
TARE NO.	5	40				
TARE + WET SOIL WT.	23.90	23.20				
TARE + DRY SOIL WT.	20.40	19.90				
WATER WT.	3.50	3.30				
TARE WT.	10.30	10.10				
DRY SOIL WT.	10.10	9.80				
WATER CONTENT(%).	34.65	33.67				
NUMBER OF BLOWS.	23.00	24.00				
LIQUID LIMIT.	34	34				

PLASTIC LIMIT

TARE NO.	48	27				
TARE + WET SOIL WT.	19.50	22.20				
TARE + DRY SOIL WT.	18.00	20.30				
WATER WT.	1.50	1.90				
TARE WT.	9.80	9.60				
DRY SOIL WT.	8.20	10.70				
WATER CONTENT(%).	18.29	17.76				
PLASTIC LIMIT.	18	18				