

MACTEC ENGINEERING AND CONSULTING, INC.
RALEIGH, NORTH CAROLINA

REPORT OF THE STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS
Performed in General Accordance with ASTM D 854-06 (Method B)

PROJECT NAME: EXELON COL PROJECT (VICTORIA)

PROJECT NUMBER: 6468071777

DATE: 3/1/08

SAMPLE IDENTIFICATION: B 2274UD, UD-14

(A) Mass of oven-dried soil, grams:	74.13
(B) Mass of pycnometer filled with water at test temperature (T), grams:	655.50
(C) Mass of pycnometer, water and soil, grams:	701.69
(T) Temperature of pycnometer, water and soil, °C when mass (C) determined:	23.1
(G) Specific Gravity at observed temperature:	$A / [B - (C - A)]$ 2.653
(F)	Correction factor: 0.99931
(G x F)	SPECIFIC GRAVITY @ 20°C: 2.651

MATERIAL TESTED:

☒

- # 4

☐

- # 10

PREPARATION METHOD:

☒

DRY

☐

WET (dispersed)

REMARKS: Estimated % Passing # 4 : 100

Clayey SAND (SC)-Visual

EQUIPMENT USED

SCALES :3.1.99

OVEN : 5.1.16

THERMOMETER :5.1.01

PYCNO METER :P-3

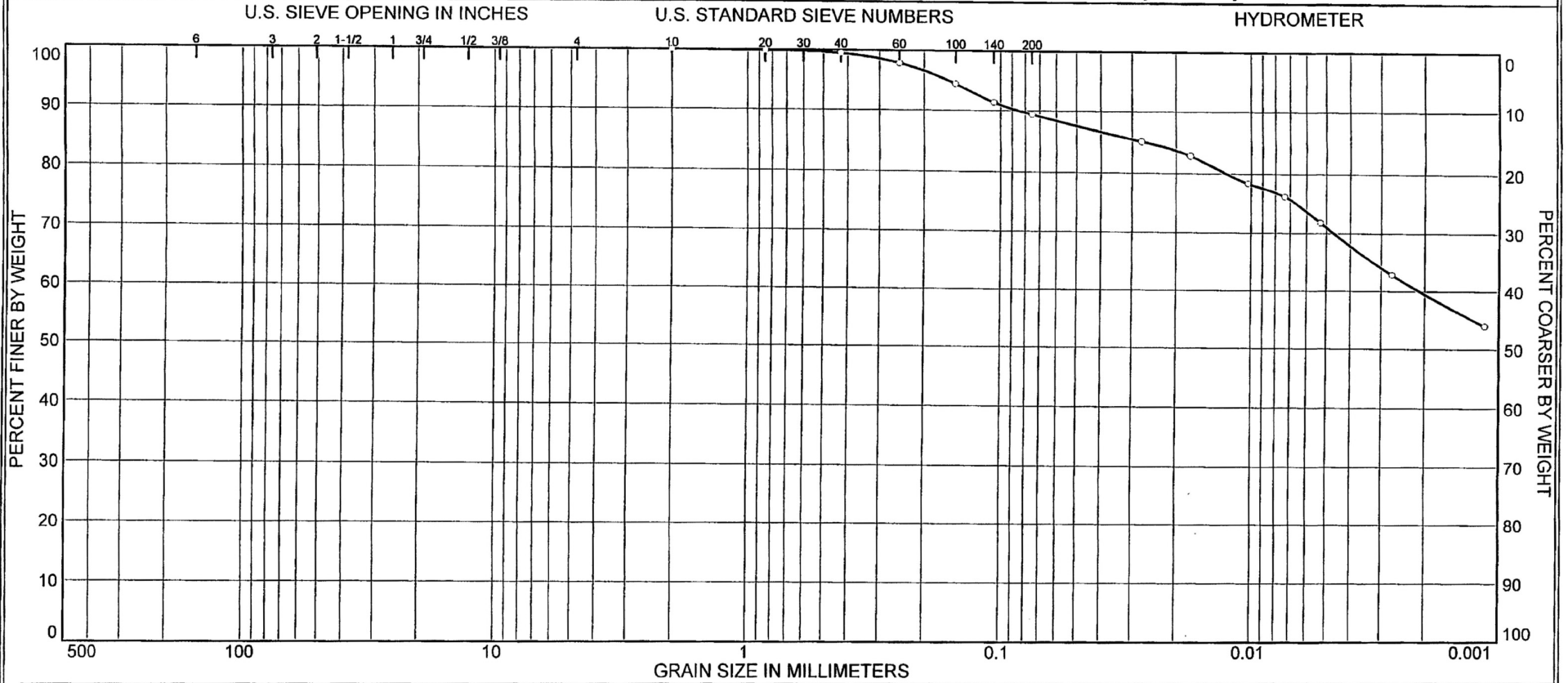
TESTED BY: CS

\\Test Reports\\Soils\\SPECIFIC GRAVITY(ref).xls

REVIEWED BY: Brian Johnson

DSC 3-15-08

Particle Size Distribution Report ASTM D 422-63 (2002) e1



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.0	0.5	10.1	18.4	71.0

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
2274UD	UD-16	300'-301.8'	01/16/08	CH	Pale Yellow Fat CLAY	26.8	58	27

Client Bechtel		MACTEC ENGINEERING AND CONSULTING, INC.	Tested by: EH Reviewed by: HJ NM value from first strength test performed. Specific Gravity = 2.76 (ASTM D 854-06)	1-10 DSC 3-3-08
Project Exelon Texas COL (Victoria)				
Project No. 6468-07-1777	Lab No. 8316			

GRAIN SIZE DISTRIBUTION TEST DATA

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project Number: 6468-07-1777

Sample Data

Source: B-2274UD
Sample No.: UD-16
Elev. or Depth: 300-301.8 Ft Sample Length(in./cm.): ID#8316
Location: B-2274UD
Description: Pale Yellow Fat CLAY
Date: 01/16/08 PL: 27 LL: 58 PI: 31
USCS Classification: CH AASHTO Classification:
Testing Remarks: Tested by: EH Reviewed by: HJ

NM value from first strength test performed.
Specific Gravity = 2.76 (ASTM D 854-06)

Mechanical Analysis Data

	Initial	
Dry sample and tare=	60.32	
Tare =	16.53	
Dry sample weight =	43.79	
Tare for cumulative weight retained=	.00	
Sieve	Cumul. Wt. retained	Percent finer
# 10	0.00	100.0
# 20	0.06	99.9
# 40	0.24	99.5
# 60	0.90	97.9
# 100	2.40	94.5
# 140	3.76	91.4
# 200	4.65	89.4

Hydrometer Analysis Data

Separation sieve is #200
Percent -#200 based upon complete sample= 89.4
Weight of hydrometer sample: 39.14
Calculated biased weight= 43.78
Automatic temperature correction
Composite correction at 20 deg C = -5.4

Meniscus correction only= 0
Specific gravity of solids= 2.763
Specific gravity correction factor= 0.976
Hydrometer type: 152H
Effective depth L= 16.294964 - 0.164 x Rm

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.00	22.7	43.0	38.2	0.0128	43.0	9.2	0.0275	85.1
5.00	22.7	42.0	37.2	0.0128	42.0	9.4	0.0175	82.9
15.00	22.7	40.0	35.2	0.0128	40.0	9.7	0.0103	78.4

Elapsed time, min	Temp, deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
30.00	22.7	39.0	34.2	0.0128	39.0	9.9	0.0073	76.2
60.00	22.7	37.0	32.2	0.0128	37.0	10.2	0.0053	71.8
240.00	22.8	33.0	28.2	0.0128	33.0	10.9	0.0027	62.9
1440.00	22.8	29.0	24.2	0.0128	29.0	11.5	0.0011	54.0

Fractional Components

Gravel/Sand based on #4

Sand/Fines based on #200

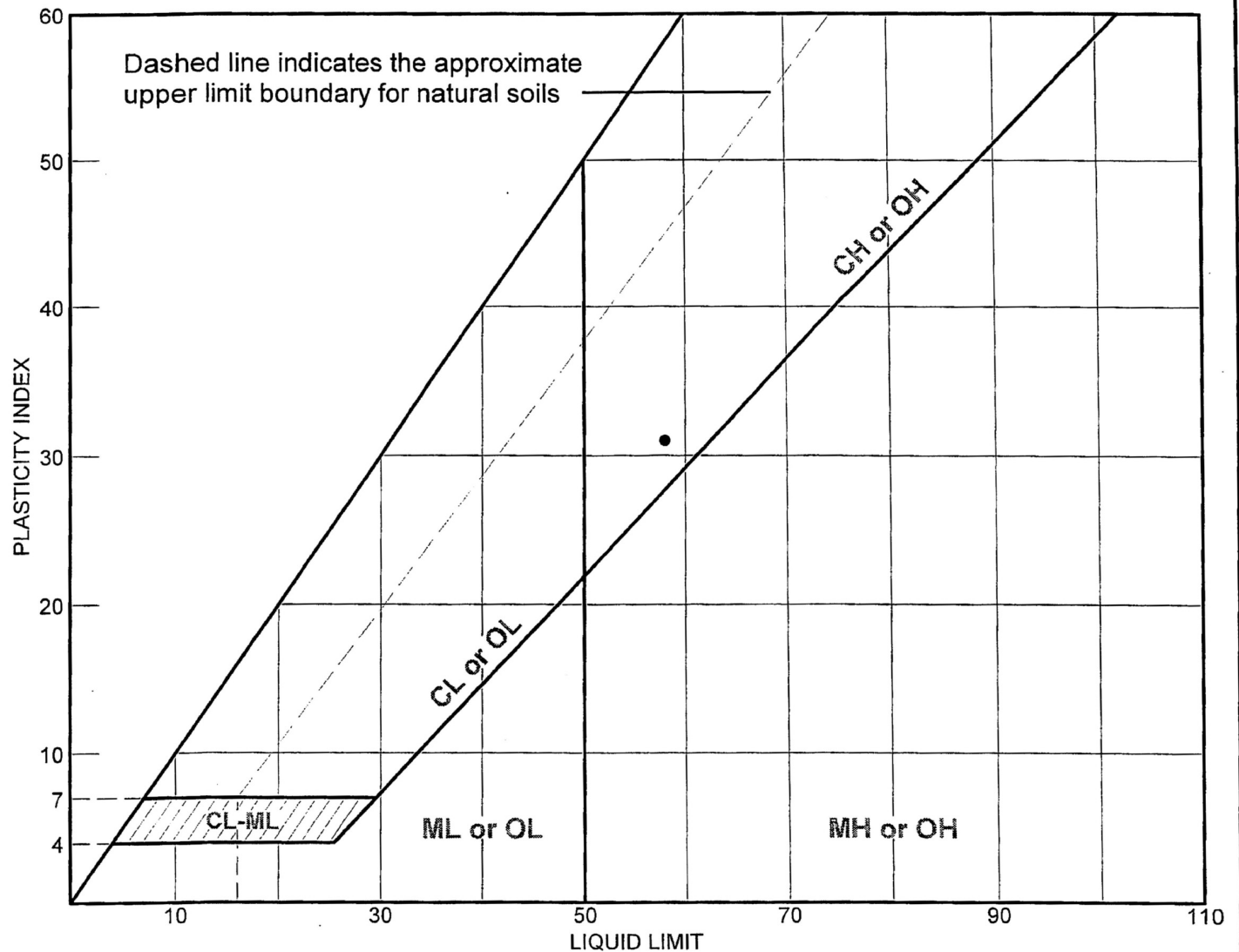
% COBBLES = % GRAVEL =

% SAND = 10.6 (% coarse = % medium = 0.5 % fine = 10.1)

% SILT = 18.4 % CLAY = 71.0

D₈₅= 0.03 D₆₀= 0.00

LIQUID AND PLASTIC LIMITS TEST REPORT ASTM D4318 (05)



SOIL DATA								
SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	NATURAL WATER CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	USCS
•	2274UD	UD-16	300'-301.8'	26.8	27	58	31	CH

**MACTEC ENGINEERING
AND
CONSULTING, INC.**

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project No.: 6468-07-1777

Lab No. 8316

LIQUID AND PLASTIC LIMIT TEST DATA

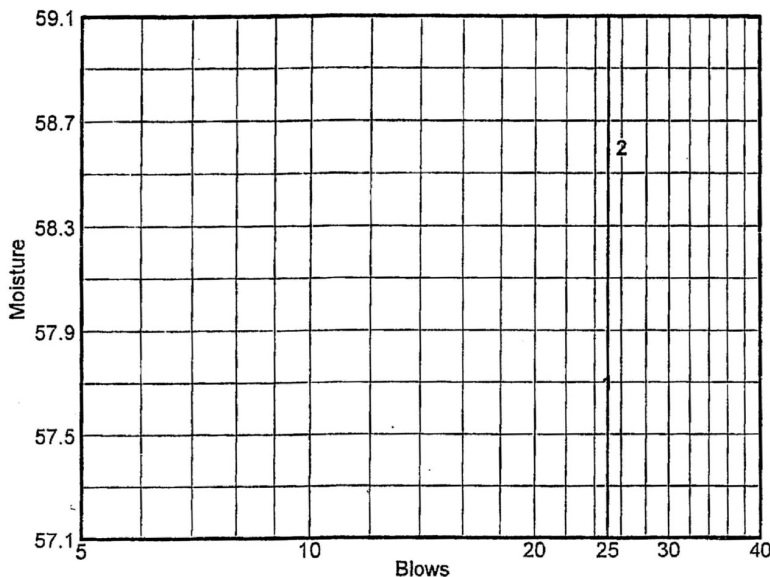
Client: Bechtel
 Project: Exelon Texas COL (Victoria)
 Project Number: 6468-07-1777

Sample Data

Source: B-2274UD
 Sample No.: UD-16
 Elev. or Depth: 300-301.8 Ft Sample Length(in./cm.): ID#8316
 Location: B-2274UD
 Description: Pale Yellow Fat CLAY
 Water Content: 26.8 USCS: CH AASHTO:

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	32.09	31.04				
Dry+Tare	27.98	27.38				
Tare	20.86	21.13				
# Blows	25	26				
Moisture	57.7	58.6				



Liquid Limit= 58
 Plastic Limit= 27
 Plasticity Index= 31

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	29.25	28.76			
Dry+Tare	27.46	26.89			
Tare	20.89	20.14			
Moisture	27.2	27.7			

MACTEC ENGINEERING AND CONSULTING, INC.

REPORT OF THE STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS Performed in General Accordance with ASTM D 854-06 (Method B)

PROJECT NAME: EXELON COL PROJECT (VICTORIA)

PROJECT NUMBER: 6468071777

DATE: 2/15/08

SAMPLE IDENTIFICATION: B-2274UD, UD-16 @ 300.0 - 301.8 Ft.

(A) Mass of oven-dried soil, grams:	36.39
(B) Mass of pycnometer filled with water at test temperature (T), grams:	366.20
(C) Mass of pycnometer, water and soil, grams:	389.43
(T) Temperature of pycnometer, water and soil, °C when mass (C) determined:	23.9
(G) Specific Gravity at observed temperature:	$A / [B - (C - A)]$
(F) <i>Correction factor:</i>	0.99912
(G x F) SPECIFIC GRAVITY @ 20°C:	2.763

MATERIAL TESTED:

☐

- # 4

☒

- # 10

PREPARATION METHOD:

☒

DRY

☐

WET (dispersed)

REMARKS: Estimated % Passing # 4 : 100 %

Fat CLAY (CH)

EQUIPMENT USED

SCALES : 418

OVEN : 144

THERMOMETER : 2759

PYCNOMETER : 2192

TESTED BY: EH

\\Test Reports\\Soils\\SPECIFIC GRAVITY(ref).xls

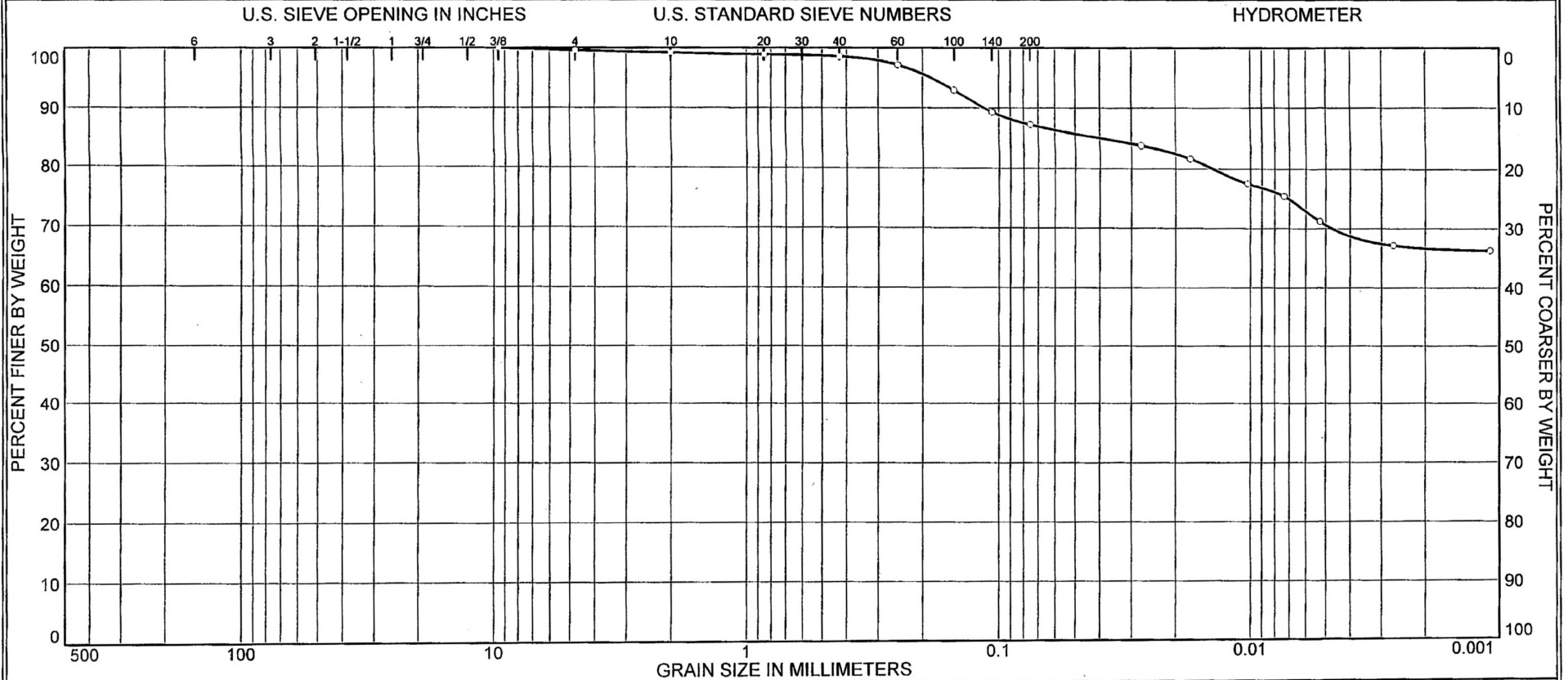
REVIEWED BY: Harry Johnson

HD

DSC

3-3-08

Particle Size Distribution Report ASTM D 422-63 (2002) e1



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.4	0.4	0.6	11.4	16.6	70.6

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
2274UD	UD-17	320'-322.5'	01/16/08	MH	Light Gray Elastic SILT	27.7	72	35

Client Bechtel

Project Exelon Texas COL (Victoria)

Project No. 6468-07-1777

Lab No. 8317

**MACTEC ENGINEERING
AND
CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

NM value from first strength test performed.
Specific Gravity = 2.72 (ASTM D 854-06)

HJ
DSC
3-3-08

GRAIN SIZE DISTRIBUTION TEST DATA

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project Number: 6468-07-1777

Sample Data

Source: B-2274UD
Sample No.: UD-17
Elev. or Depth: 320-322.5 Ft Sample Length(in./cm.): ID#8317
Location: B-2274UD
Description: Light Gray Elastic SILT
Date: 01/16/08 PL: 35 LL: 72 PI: 37
USCS Classification: MH AASHTO Classification:
Testing Remarks: Tested by: EH Reviewed by: HJ

NM value from first strength test performed.
Specific Gravity = 2.72 (ASTM D 854-06)

Mechanical Analysis Data

	Initial	
Dry sample and tare=	63.45	
Tare =	16.26	
Dry sample weight =	47.19	
Tare for cumulative weight retained=	.00	
Sieve	Cumul. Wt. retained	Percent finer
.375 inch	0.00	100.0
# 4	0.21	99.6
# 10	0.39	99.2
# 20	0.52	98.9
# 40	0.67	98.6
# 60	1.30	97.2
# 100	3.29	93.0
# 140	5.04	89.3
# 200	6.03	87.2

Hydrometer Analysis Data

Separation sieve is #200
Percent -#200 based upon complete sample= 87.2
Weight of hydrometer sample: 41.16
Calculated biased weight= 47.20
Automatic temperature correction
Composite correction at 20 deg C = -5.4

Meniscus correction only= 0
Specific gravity of solids= 2.717
Specific gravity correction factor= 0.985
Hydrometer type: 152H
Effective depth L= 16.294964 - 0.164 x Rm.

Elapsed time, min	Temp, Actual deg C	Actual reading	Corrected reading	K	Rm	Eff. depth	Diameter mm	Percent finer
2.00	22.5	45.0	40.1	0.0130	45.0	8.9	0.0274	83.8
5.00	22.5	44.0	39.1	0.0130	44.0	9.1	0.0175	81.7
15.00	22.5	42.0	37.1	0.0130	42.0	9.4	0.0103	77.5
30.00	22.5	41.0	36.1	0.0130	41.0	9.6	0.0073	75.4
60.00	22.5	39.0	34.1	0.0130	39.0	9.9	0.0053	71.2
240.00	22.5	37.0	32.1	0.0130	37.0	10.2	0.0027	67.1
1440.00	23.1	36.5	31.8	0.0129	36.5	10.3	0.0011	66.3

Fractional Components

Gravel/Sand based on #4

Sand/Fines based on #200

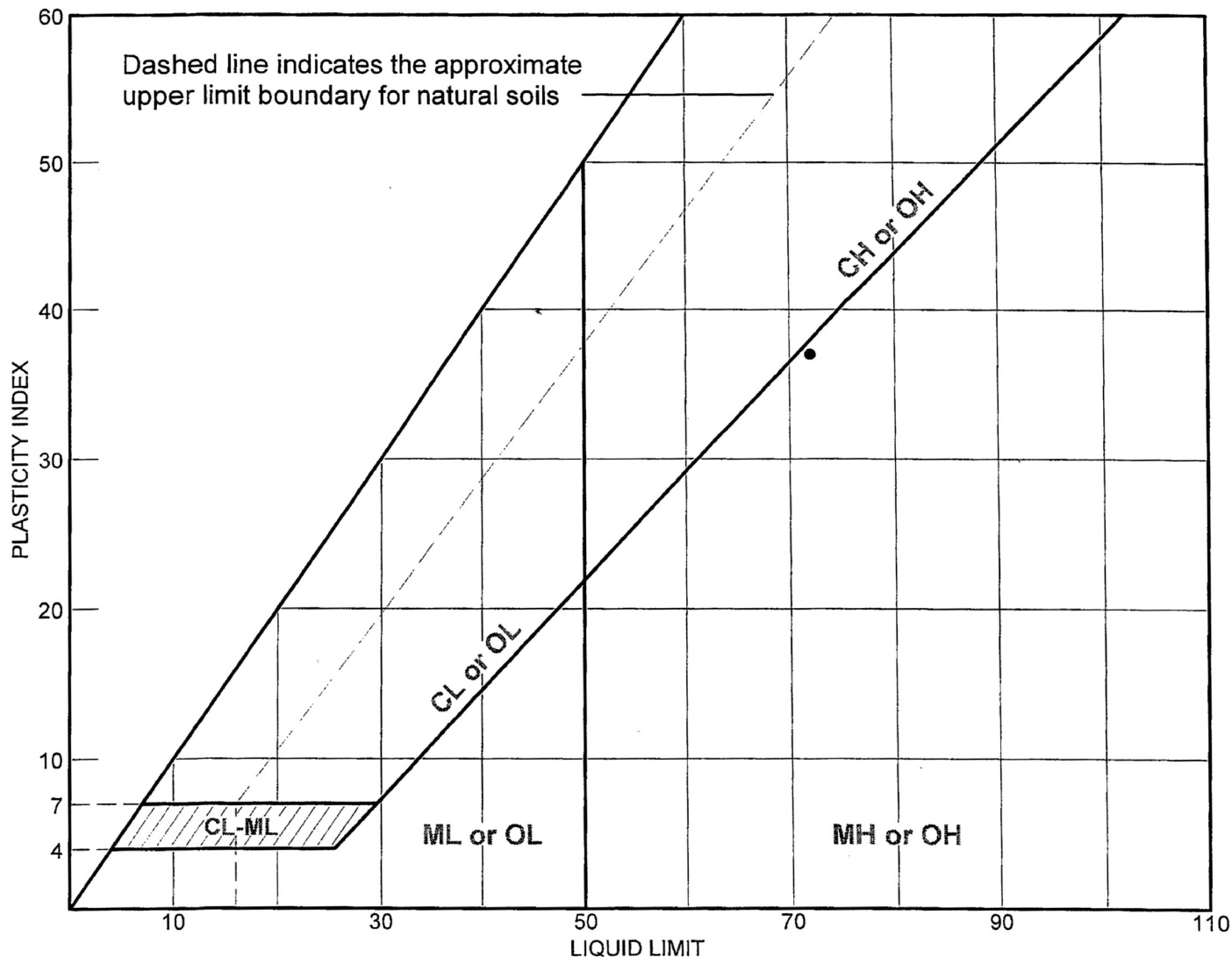
% COBBLES = % GRAVEL = 0.4 (% coarse = % fine = 0.4)

% SAND = 12.4 (% coarse = 0.4 % medium = 0.6 % fine = 11.4)

% SILT = 16.6 % CLAY = 70.6

D₈₅ = 0.04

LIQUID AND PLASTIC LIMITS TEST REPORT ASTM D4318 (05)



SOIL DATA								
SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	NATURAL WATER CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	USCS
•	2274UD	UD-17	320'-322.5'	27.7	35	72	37	MH

**MACTEC ENGINEERING
AND
CONSULTING, INC.**

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project No.: 6468-07-1777

Lab No. 8317

LIQUID AND PLASTIC LIMIT TEST DATA

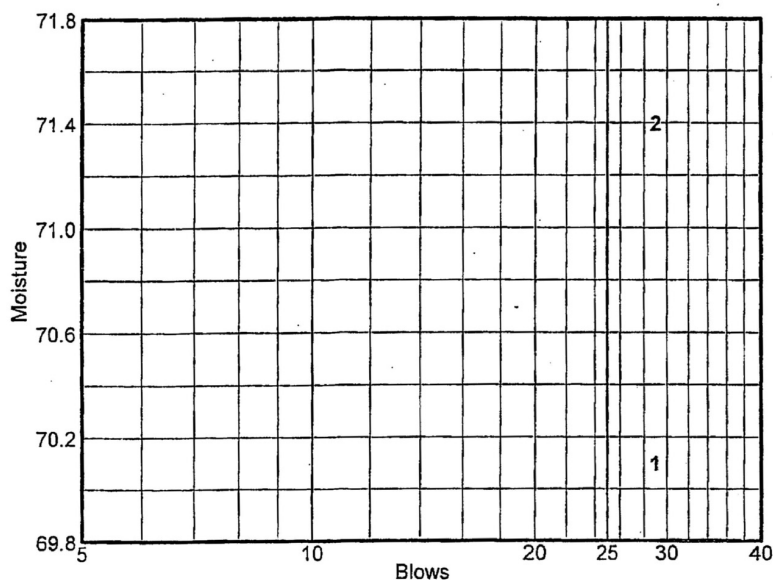
Client: Bechtel
 Project: Exelon Texas COL (Victoria)
 Project Number: 6468-07-1777

Sample Data

Source: B-2274UD
 Sample No.: UD-17
 Elev. or Depth: 320-322.5 Ft Sample Length(in./cm.): ID#8317
 Location: B-2274UD
 Description: Light Gray Elastic SILT
 Water Content: 27.7 USCS: MH AASHTO:

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	30.54	30.14				
Dry+Tare	26.84	26.60				
Tare	21.56	21.64				
# Blows	29	29				
Moisture	70.1	71.4				



Liquid Limit= 72
 Plastic Limit= 35
 Plasticity Index= 37

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	27.86	27.68			
Dry+Tare	26.25	26.20			
Tare	21.58	21.91			
Moisture	34.5	34.5			

MACTEC ENGINEERING AND CONSULTING, INC.

REPORT OF THE STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS Performed in General Accordance with ASTM D 854-06 (Method B)

PROJECT NAME: EXELON COL PROJECT (VICTORIA)

PROJECT NUMBER: 6468071777

DATE: 2/15/08

SAMPLE IDENTIFICATION: B-2274UD, UD-17 @ 320.0 - 322.5 Ft.

(A) Mass of oven-dried soil, grams:	36.40
(B) Mass of pycnometer filled with water at test temperature (T), grams:	341.30
(C) Mass of pycnometer, water and soil, grams:	364.31
(T) Temperature of pycnometer, water and soil, °C when mass (C) determined:	22.5
(G) Specific Gravity at observed temperature:	$A / [B - (C - A)]$
(F) <i>Correction factor:</i>	0.99945
(G x F)	SPECIFIC GRAVITY @ 20°C:
	2.717

MATERIAL TESTED:

☐

- # 4

☒

- # 10

PREPARATION METHOD:

☒

DRY

☐

WET (dispersed)

REMARKS: Estimated % Passing # 4 : 100 %

Elastic SILT (MH)

EQUIPMENT USED

SCALES : 418

OVEN : 144

THERMOMETER : 2759

PYCNO METER : 2057

TESTED BY: EH

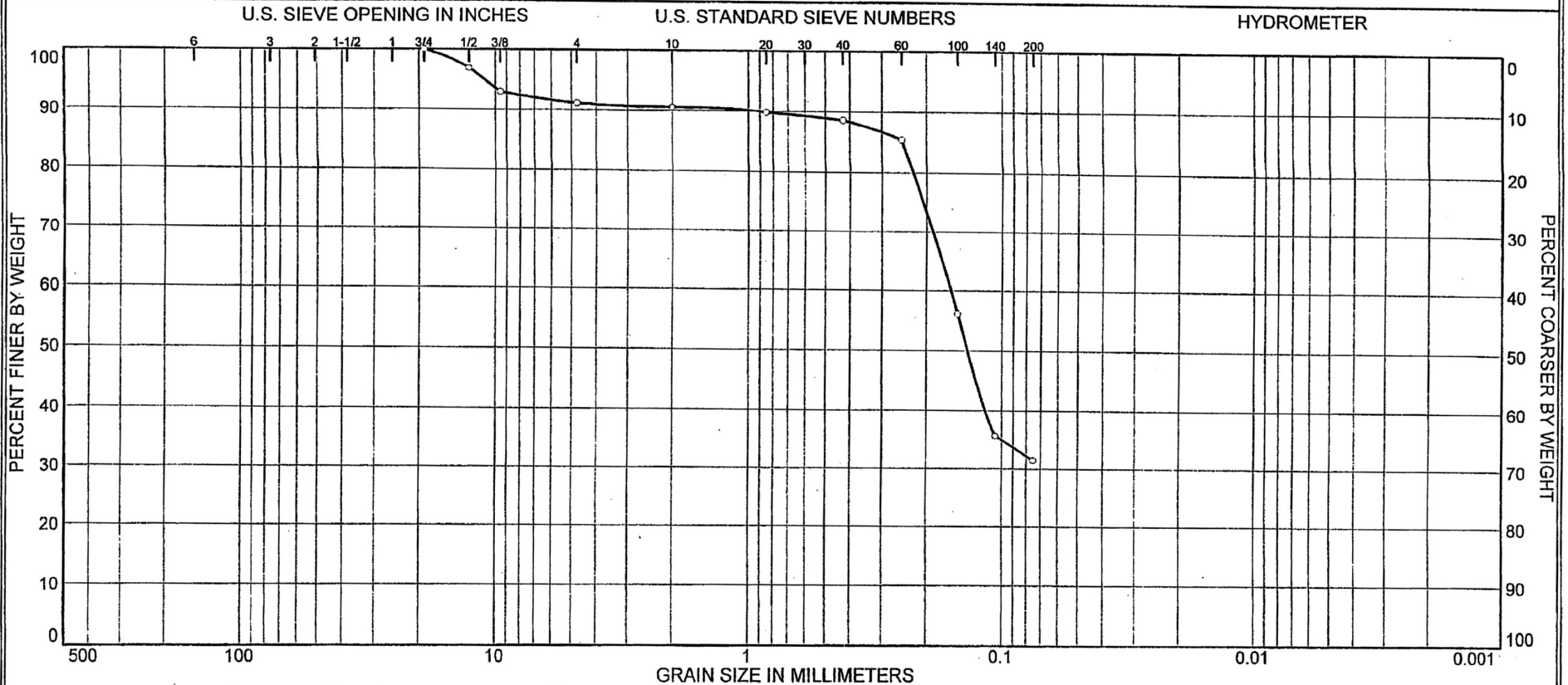
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REVIEWED BY: Harry Johnson

HJ

DSC
3-3-08

Particle Size Distribution Report ASTM D6913-04 e1



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	8.8	0.6	2.0	57.1	31.5	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-2274UD	UD-18	330.1-332.6 Ft.	1/17/08	SM	Light Yellowish Brown Silty SAND (Visual)	14.0	ND	ND

Client Bechtel		MACTEC ENGINEERING AND CONSULTING, INC.	○ Tested by: EH Reviewed by: HJ 16	
Project Exelon Texas COL (Victoria)			Sieve Analysis Only	
			NM value from average of strength tests performed.	
Project No. 6468-07-1777 Lab No. 8448			Specific Gravity = 2.71 (ASTM D8054-06) ND = Not Determined	

DSC
3-31-08

GRAIN SIZE DISTRIBUTION TEST DATA

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project Number: 6468-07-1777

Sample Data

Source: B-2274UD
Sample No.: UD-18
Elev. or Depth: 330.1-332.6 Ft Sample Length(in./cm.): ID#8448
Location: B-2274UD
Description: Light Yellowish Brown Silty SAND (Visual)
Date: 1/17/08 PL: ND LL: ND PI: ND
USCS Classification: SM AASHTO Classification:
Testing Remarks: Tested by: EH Reviewed by: HJ

Sieve Analysis Only
NM value from average of strength tests performed.
Specific Gravity = 2.71 (ASTM D 854-06)
ND = Not Determined

Mechanical Analysis Data

	Initial	
Dry sample and tare=	300.53	
Tare =	141.92	
Dry sample weight =	158.61	
Tare for cumulative weight retained=	.00	
Sieve	Cumul. Wt. retained	Percent finer
.75 inch	0.00	100.0
.5 inch	4.89	96.9
.375 inch	11.04	93.0
# 4	13.88	91.2
# 10	14.95	90.6
# 20	16.23	89.8
# 40	18.08	88.6
# 60	23.15	85.4
# 100	69.61	56.1
# 140	102.00	35.7
# 200	108.59	31.5

Fractional Components

Gravel/Sand based on #4
Sand/Fines based on #200
% COBBLES = % GRAVEL = 8.8 (% coarse = % fine = 8.8)
% SAND = 59.7 (% coarse = 0.6 % medium = 2.0 % fine = 57.1)
% FINES = 31.5

D₈₅= 0.25 D₆₀= 0.16 D₅₀= 0.14

LIQUID AND PLASTIC LIMIT TEST DATA

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project Number: 6468-07-1777

Sample Data

Source: B-2274UD
Sample No.: UD-18
Elev. or Depth: 330.1-332.6 Ft Sample Length(in./cm.): ID#8448
Location: B-2274UD
Description: Light Yellowish Brown Silty SAND (Visual)
Water Content: 14.0 USCS: SM AASHTO:

Liquid Limit= NV
Plastic Limit= NP
Plasticity Index= NP

MACTEC ENGINEERING AND CONSULTING, INC.

REPORT OF THE STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS Performed in General Accordance with ASTM D 854-06 (Method B)

PROJECT NAME: EXELON COL PROJECT (VICTORIA)

PROJECT NUMBER: 6468071777

DATE: 3/24/08

SAMPLE IDENTIFICATION: B-2274UD, UD-18 @ 330.1-332.6 Ft.

(A) Mass of oven-dried soil, grams:	40.98
(B) Mass of pycnometer filled with water at test temperature (T), grams:	346.73
(C) Mass of pycnometer, water and soil, grams:	372.57
(T) Temperature of pycnometer, water and soil, °C when mass (C) determined:	22.5
(G) Specific Gravity at observed temperature:	$A / [B - (C - A)]$ 2.707
(F)	Correction factor: 0.99945
(G x F)	SPECIFIC GRAVITY @ 20°C: 2.705

MATERIAL TESTED:

☐

- # 4

☒

- # 10

PREPARATION METHOD:

☒

DRY

☐

WET (dispersed)

REMARKS: Estimated % Passing # 4 : 92%

Silty SAND (SM) - Visual

EQUIPMENT USED

SCALES : 418

OVEN : 144

THERMOMETER : 2759

PYCNO METER : 2197

TESTED BY: EH

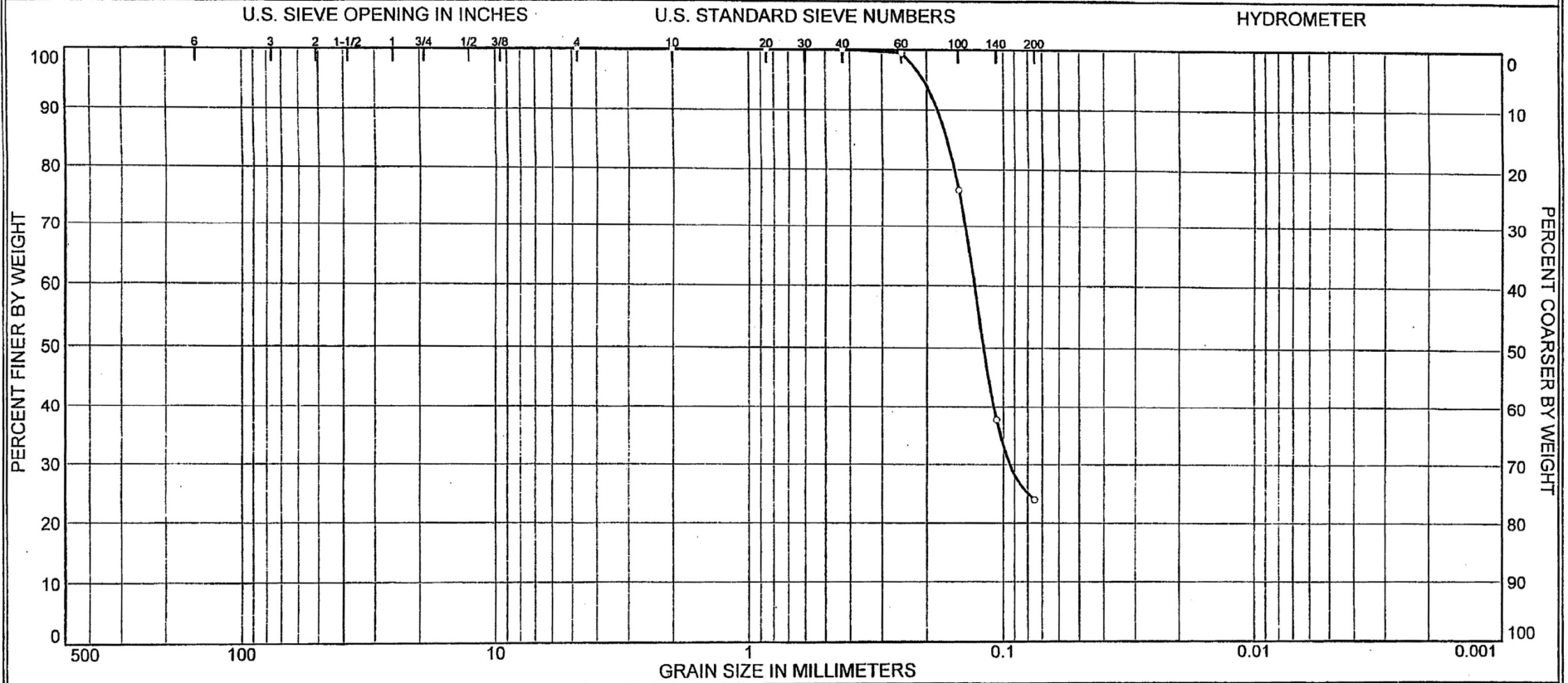
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REVIEWED BY:

Jianren Wang

DSC 3-31-08

Particle Size Distribution Report ASTM D6913-04 e1



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.0	0.0	76.1	23.9	

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
B-2274UD	UD-19	350.1-352.6 Ft	2/15/08	SM	Light Yellowish Brown Silty SAND (Visual)	20.5	ND	ND

Client Bechtel		MACTEC ENGINEERING AND CONSULTING, INC.	Tested by: EH Reviewed by: HJ Sieve Analysis Only. NM value from average of strength tests performed. Specific Gravity = 2.69 (ASTM D 854-06) ND = Not Determined
Project Exelon Texas COL (Victoria)			
Project No. 6468-07-1777	Lab No. 8449		

DSC
3-31-08

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project Number: 6468-07-1777

Source: B-2274UD
Sample No.: UD-19
Elev. or Depth: 350.1-352.6 Ft Sample Length(in./cm.): ID#8449
Location: B-2274UD
Description: Light Yellowish Brown Silty SAND (Visual)
Date: 2/15/08 PL: ND LL: ND PI: ND
USCS Classification: SM AASHTO Classification:
Testing Remarks: Tested by: EH Reviewed by: HJ

Mechanical Analysis Data

Sieve	Cumul. Wt. retained	Percent finer
# 4	0.00	100.0
# 10	0.00	100.0
# 20	0.00	100.0
# 40	0.05	100.0
# 60	0.56	99.5
# 100	26.47	76.4
# 140	69.88	37.7
# 200	85.34	23.9

```
Gravel/Sand based on #4
Sand/Fines based on #200
% COBBLES =          % GRAVEL =
% SAND = 76.1      (% coarse = 0.0      % medium = 0.0      % fine = 76.1)
% FINES = 23.9
```

DSC
4pcn# EXE805

LIQUID AND PLASTIC LIMIT TEST DATA

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project Number: 6468-07-1777

Sample Data

Source: B-2274UD
Sample No.: UD-19
Elev. or Depth: 350.1-352.6 Ft Sample Length(in./cm.): ID#8449
Location: B-2274UD
Description: Light Yellowish Brown Silty SAND (Visual)
Water Content: 20.5 USCS: SM AASHTO:

Liquid Limit= NV
Plastic Limit= NP
Plasticity Index= NP

MACTEC ENGINEERING AND CONSULTING, INC.

REPORT OF THE STANDARD TEST METHOD FOR SPECIFIC GRAVITY OF SOILS Performed in General Accordance with ASTM D 854-06 (Method B)

PROJECT NAME: EXELON COL PROJECT (VICTORIA)

PROJECT NUMBER: 6468071777

DATE: 3/19/08

SAMPLE IDENTIFICATION: B-2274UD, UD-19 @ 350.1-352.6 Ft.

(A) Mass of oven-dried soil, grams:	37.38
(B) Mass of pycnometer filled with water at test temperature (T), grams:	343.05
(C) Mass of pycnometer, water and soil, grams:	366.56
(T) Temperature of pycnometer, water and soil, °C when mass (C) determined:	23.3
(G) Specific Gravity at observed temperature:	$A / [B - (C - A)]$ 2.695
(F) Correction factor:	0.99926
(G x F) SPECIFIC GRAVITY @ 20°C:	2.693

MATERIAL TESTED:

☐ - # 4

☒ - # 10

PREPARATION METHOD:

☒ DRY

☐ WET (dispersed)

REMARKS: Estimated % Passing # 4 : 100%

Silty SAND (SM) - Visual

EQUIPMENT USED

SCALES : 418

OVEN : 144

THERMOMETER : 2759

PYCNOMETER : 2052

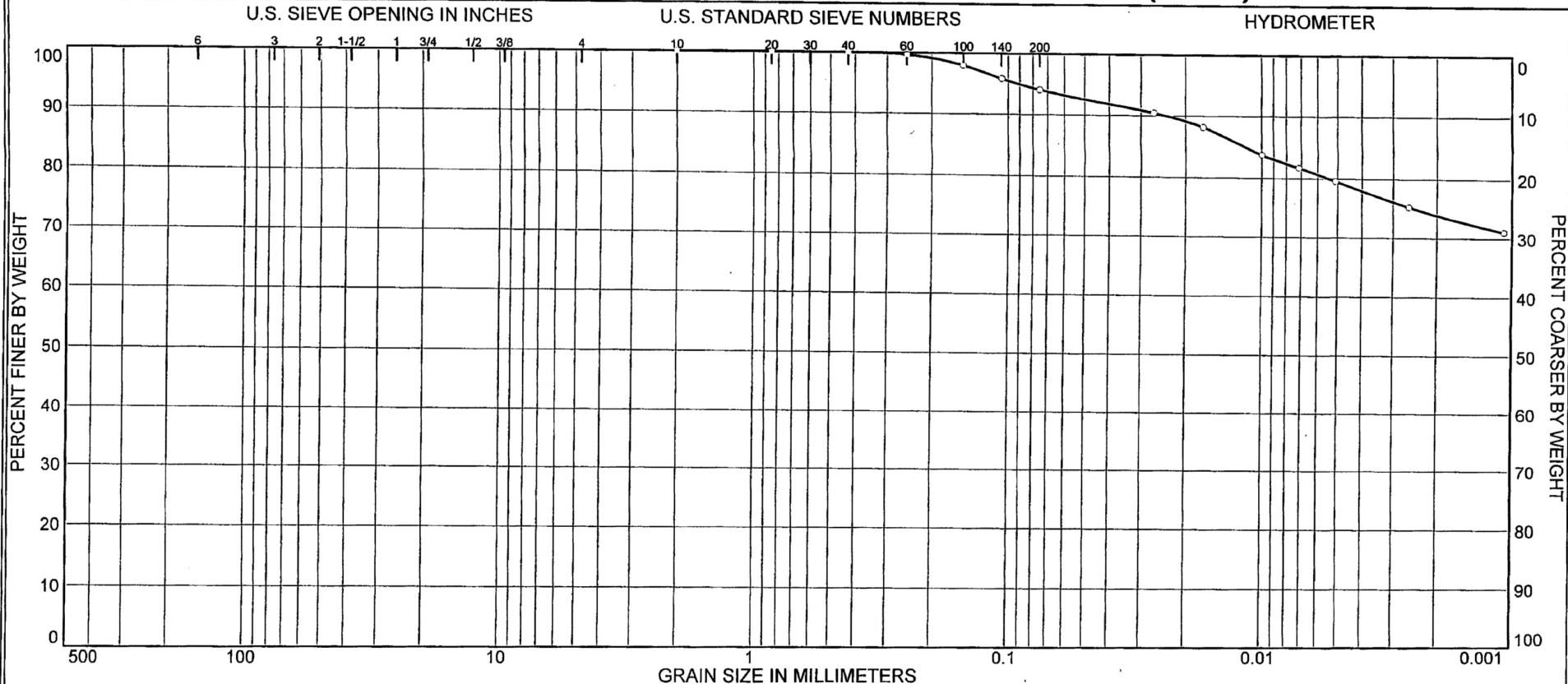
TESTED BY: EH

\\Test Reports\Soils\SPECIFIC GRAVITY(ref).xls

REVIEWED BY: Harry Johnson

DSC 3-31-08

Particle Size Distribution Report ASTM D 422-63 (2002) e1



% COBBLES	% GRAVEL		% SAND			% FINES	
	COARSE	FINE	COARSE	MEDIUM	FINE	SILT	CLAY
0.0	0.0	0.0	0.0	0.0	5.9	14.6	79.5

SOURCE	SAMPLE #	DEPTH/ELEV.	DATE SAMPLED	USCS	MATERIAL DESCRIPTION	NM %	LL	PL
2274UD	UD-20	380'-381.8'	01/18/08	MH	Light Gray Elastic SILT	34.9	70	35

Client Bechtel
 Project Exelon Texas COL (Victoria)
 Project No. 6468-07-1777 Lab No. 8318

**MACTEC ENGINEERING
 AND
 CONSULTING, INC.**

Tested by: EH Reviewed by: HJ

NM value from first strength test performed.
 Specific Gravity = 2.76 (ASTM D 854-06)

HJ
 DSC
 3-3-08

Client: Bechtel
Project: Exelon Texas COL (Victoria)
Project Number: 6468-07-1777

Source: B-2274UD
Sample No.: UD-20
Elev. or Depth: 380-381.8 Ft Sample Length(in./cm.): ID#8318
Location: B-2274UD
Description: Light Gray Elastic SILT
Date: 01/18/08 PL: 35 LL: 70 PI: 35
USCS Classification: MH AASHTO Classification:
Testing Remarks: Tested by: EH Reviewed by: HJ