

LOG OF BORING

Project: Bolivar DMPA No. 36

Boring No.: PA 36-8

Groundwater during drilling: ---

Groundwater after drilling: ---

Date: 11/18/2009

Northing: 13,762,373.0

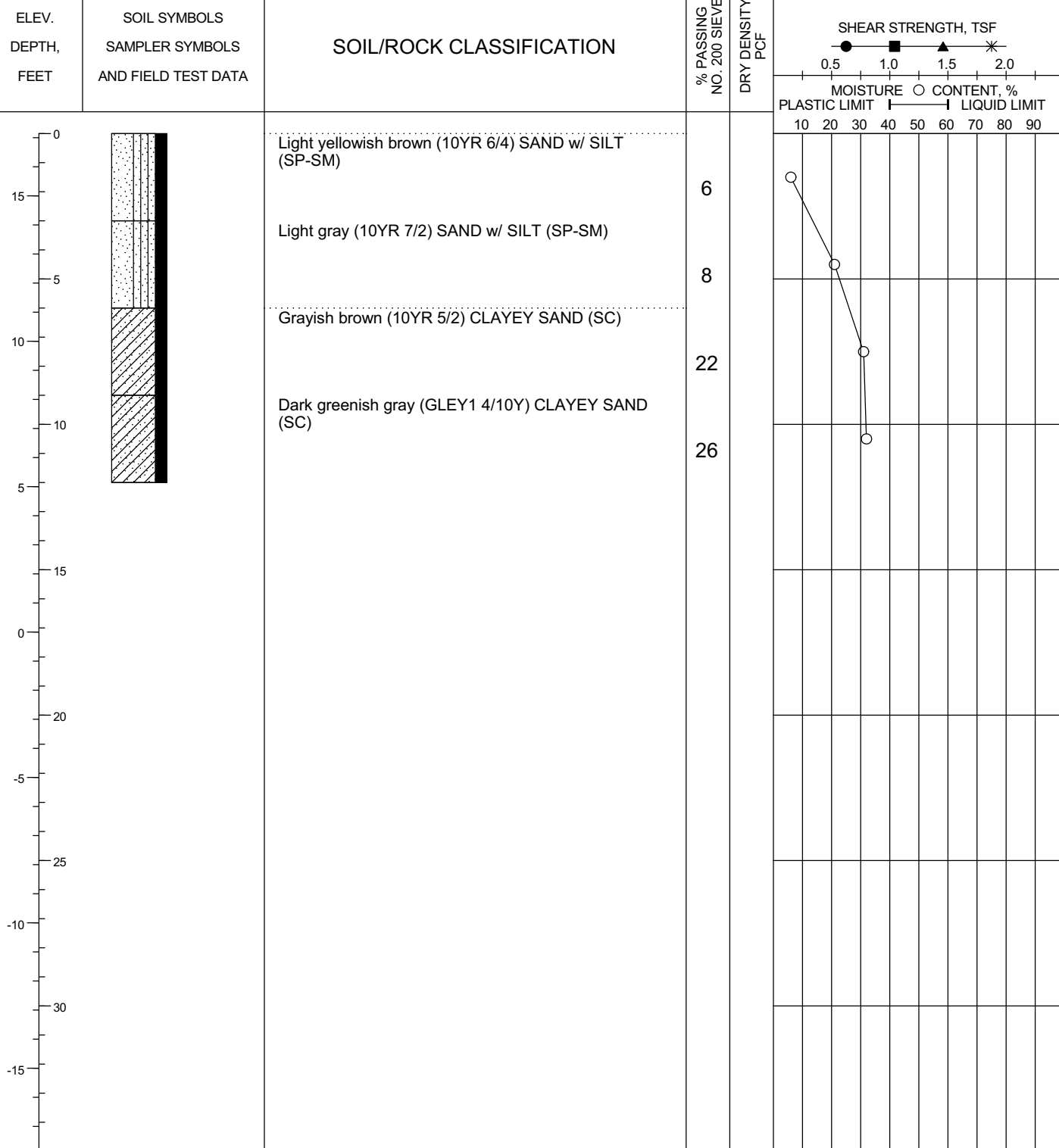
Easting: 3,392,177.1

Project No.: HG0915782

Elevation: 17.14 feet

Station: --

Offset: --



Shear Types:

● = Hand Penet.

■ = Torvane

▲ = Unconf. Comp.

✱ = UU Triaxial

PLATE A-8

LOG OF SOIL BORING HG-09-15782-1.GPJ HVJ.GDT 1/5/10

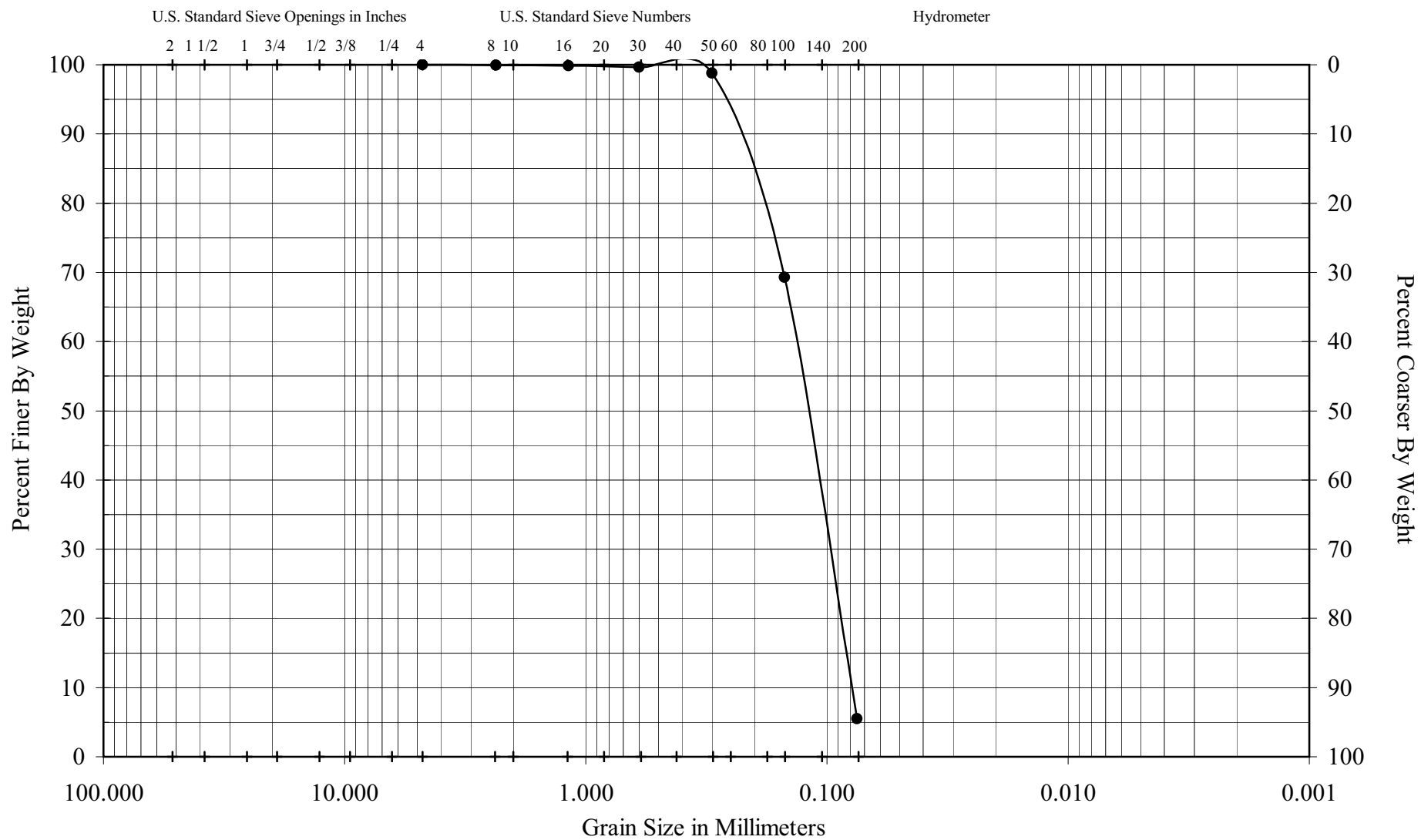
SIEVE ANALYSIS DATA

Project: Bolivar DMPA No. 36 Job No. HG09-15782 Date: December 10, 2009
Boring No. PA 36-8 Sample No. 1 Depth: 0'-3'
Matl Desc. Light Yellowish Brown Sand w/ Silt

Tare No.	70	Init Wt. - Tare	102.94	% Ret.	94.49
Tare Wt.	6.52	Dry Wt. after test	97.27	% Pass #200	5.51
Init. Dry Wt.	109.46	Wt. Ret. on #200	97.27		

Sieve Size/No.	Sieve Size (mm)	Weight Ret.	% Retained	% Passing
4	4.750	0.00	0.00	100.00
8	2.360	0.08	0.08	99.92
16	1.180	0.12	0.12	99.88
30	0.600	0.35	0.34	99.66
50	0.300	1.26	1.22	98.78
100	0.150	31.65	30.75	69.25
200	0.075	97.27	94.49	5.51

Tested by: KK Computed by: NL Check by: SV
Date: 12/10/09 Date: Date:



Boring No.
PA-36-8

Depth, Ft.
0'-3'

Classification
Light Yellowish Brown Sand with Silt

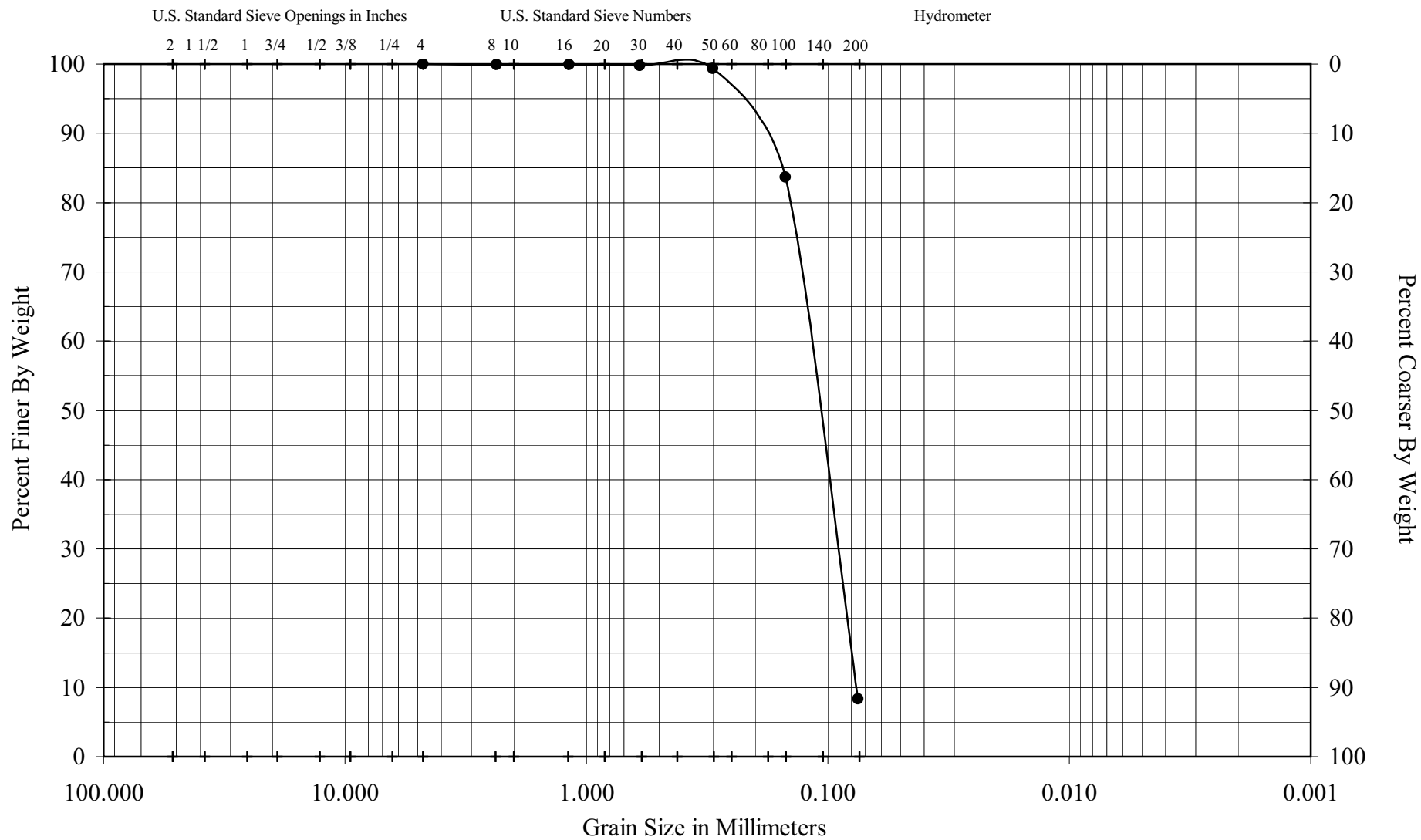
SIEVE ANALYSIS DATA

Project: Bolivar DMPA No. 36 Job No. HG09-15782 Date: December 10, 2009
Boring No. PA 36-8 Sample No. 2 Depth: 3'-6'
Matl Desc. Light Gray Sand w/ Silt

Tare No.	79	Init Wt. - Tare	101.28	% Ret.	91.70
Tare Wt.	6.57	Dry Wt. after test	92.87	% Pass #200	8.30
Init. Dry Wt.	107.85	Wt. Ret. on #200	92.87		

Sieve Size/No.	Sieve Size (mm)	Weight Ret.	% Retained	% Passing
4	4.750	0.00	0.00	100.00
8	2.360	0.05	0.05	99.95
16	1.180	0.10	0.10	99.90
30	0.600	0.22	0.22	99.78
50	0.300	0.67	0.66	99.34
100	0.150	16.54	16.33	83.67
200	0.075	92.87	91.70	8.30

Tested by: KK Computed by: NL Check by: SV
Date: 12/10/09 Date: Date:



Boring No.
PA-36-8

Depth, Ft.
3'-6'

Classification
Light Gray Sand with Silt

SIEVE ANALYSIS DATA

Project: Bolivar DMPA No. 36 Job No. HG09-15782 Date: December 10, 2009
Boring No. PA 36-8 Sample No. 3 Depth: 6'-9'
Matl Desc. Grayish Brown Clayey Sand

Tare No.	52	Init Wt. - Tare	131.75	% Ret.	77.68
Tare Wt.	6.60	Dry Wt. after test	102.34	% Pass #200	22.32
Init. Dry Wt.	138.35	Wt. Ret. on #200	102.34		

Sieve Size/No.	Sieve Size (mm)	Weight Ret.	% Retained	% Passing
4	4.750	0.00	0.00	100.00
8	2.360	0.02	0.02	99.98
16	1.180	0.22	0.17	99.83
30	0.600	0.52	0.39	99.61
50	0.300	1.15	0.87	99.13
100	0.150	14.57	11.06	88.94
200	0.075	102.34	77.68	22.32

Tested by: KK Computed by: NL Check by: SV
Date: 12/9/09 Date: Date: