

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING RW-2 (2 OF 2)

Illinois Department of Transportation SOIL BORING LOG Page 2 of 2

ROUTE F.A.U. 2578 (IL53) DESCRIPTION Retaining Wall, sta. 169+00 Lt. LOGGED BY M. Esposito

SECTION 532B LOCATION SW 1/4, SEC. 7, TWP. 40N, RNG. 11E, 3rd PM

COUNTY DuPage DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. _____ DATE _____

BORING NO. RW-2 Station 169+97 Ground Surface Elev. 893.47 ft

DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
3	3	3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3
650.47	650.47	650.47	650.47	650.47	650.47	650.47	650.47	650.47	650.47
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
8	8	8	8	8	8	8	8	8	8
635.47	635.47	635.47	635.47	635.47	635.47	635.47	635.47	635.47	635.47
3	3	3	3	3	3	3	3	3	3
6	6	6	6	6	6	6	6	6	6
8	8	8	8	8	8	8	8	8	8
80	80	80	80	80	80	80	80	80	80

Soil Descriptions:
 - 3' to 5' 3": Loose Gray Fine to Coarse SAND (continued)
 - 5' 3" to 6' 3": Very Soft Gray SANDY CLAY LOAM
 - 6' 3" to 8' 3": Very Soft Gray SILT w/trace Fine Sand
 - 8' 3" to 80': Very Soft Gray SILT w/trace Fine Sand

Groundwater Data:
 - Surface Water Elev. _____ ft
 - Stream Bed Elev. _____ ft
 - Groundwater Elev.: First Encounter 890.5 ft, Upon Completion 891.5 ft, After 24 Hrs. 892.0 ft

Note: Washed Boring From 17 ft. to 21.5 ft., and 36.5 ft. to 66.5 ft. State Plane Coordinates: Northing 1929556.416, Easting 1066300.498 End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

BORING RW-3 (1 OF 2)

Illinois Department of Transportation SOIL BORING LOG Page 1 of 2

ROUTE F.A.U. 2578 (IL53) DESCRIPTION Retaining Wall, sta. 169+00 Lt. LOGGED BY M. Esposito

SECTION 532B LOCATION SW 1/4, SEC. 7, TWP. 40N, RNG. 11E, 3rd PM

COUNTY DuPage DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME Automatic

STRUCT. NO. _____ DATE _____

BORING NO. RW-3 Station 169+50 Ground Surface Elev. 694.12 ft

DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
8	8	8	8	8	8	8	8	8	8
14	14	14	14	14	14	14	14	14	14
18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19
683.82	683.82	683.82	683.82	683.82	683.82	683.82	683.82	683.82	683.82
10	10	10	10	10	10	10	10	10	10
18	18	18	18	18	18	18	18	18	18
25	25	25	25	25	25	25	25	25	25
25	25	25	25	25	25	25	25	25	25
30	30	30	30	30	30	30	30	30	30
30	30	30	30	30	30	30	30	30	30
33	33	33	33	33	33	33	33	33	33
34	34	34	34	34	34	34	34	34	34
575.87	575.87	575.87	575.87	575.87	575.87	575.87	575.87	575.87	575.87
3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3
20	20	20	20	20	20	20	20	20	20

Soil Descriptions:
 - 8' to 14': Brown SILTY CLAY w/Organics and trace Fine Sand
 - 14' to 18': Soft Brown SANDY CLAY LOAM
 - 18' to 19': 1 inch Sand Seam @ approx. 3.5 ft. Grades to Gray
 - 19' to 25': Grades w/more Sand
 - 25' to 30': 1 inch Sand Seam @ approx. 6.0 ft.
 - 30' to 33': Encountered a Cobble @ approx. 8.0 ft.
 - 33' to 34': Encountered a Cobble @ approx. 10.0 ft.
 - 34' to 575.87': Very Stiff Gray SILTY CLAY w/trace Coarse Sand
 - 575.87' to 607.12': Loose Gray SANDY LOAM
 - 607.12' to 648.12': Loose Gray SANDY LOAM
 - 648.12' to 667.12': Medium Dense Gray Coarse SAND
 - 667.12' to 683.82': Loose Gray SANDY LOAM
 - 683.82' to 715': Soft Gray SANDY CLAY LOAM
 - 715' to 80': Soft Gray SANDY CLAY LOAM

Groundwater Data:
 - Surface Water Elev. _____ ft
 - Stream Bed Elev. _____ ft
 - Groundwater Elev.: First Encounter 681.6 ft, Upon Completion 690.1 ft, After 24 Hrs. 683.1 ft

Note: Washed Boring From 17 ft. to 71.5 ft. State Plane Coordinates: Northing 192917.097, Easting 1066295.175 End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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STRUCT. NO. _____ DATE _____

BORING NO. RW-3 Station 169+50 Ground Surface Elev. 694.12 ft

DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)	DEPTH (ft)
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5
25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4
3	3	3	3	3	3	3	3	3	3
2	2	2	2	2	2	2	2	2	2
4	4	4	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4	4	4
648.12	648.12	648.12	648.12	648.12	648.12	648.12	648.12	648.12	648.12
7	7	7	7	7	7	7	7	7	7
10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11
623.12	623.12	623.12	623.12	623.12	623.12	623.12	623.12	623.12	623.12
5	5	5	5	5	5	5	5	5	5
9	9	9	9	9	9	9	9	9	9
80	80	80	80	80	80	80	80	80	80

Soil Descriptions:
 - 4' to 5': Loose Gray SANDY LOAM (continued)
 - 5' to 25.0': Soft Gray SANDY CLAY LOAM (continued)
 - 25.0' to 30': Medium Dense Gray Fine to Coarse SAND
 - 30' to 648.12': Stiff Gray SANDY CLAY LOAM
 - 648.12' to 667.12': Medium Dense Gray Coarse SAND
 - 667.12' to 683.82': Stiff Gray SANDY CLAY LOAM
 - 683.82' to 715': Loose Gray Coarse SAND and GRAVEL
 - 715' to 80': Soft Gray SANDY CLAY LOAM

Groundwater Data:
 - Surface Water Elev. _____ ft
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SOIL BORING LOGS (2 OF 4) ILLINOIS ROUTE 53 (FAU 2578) RETAINING WALL FAU 2578 SECTION 532B STRUCTURE NO. 022-W031 DUPAGE COUNTY STA. 168+30.00 TO STA. 170+40.00

Table with 6 columns: SHEET NO., F.A.U. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO. Values: SHEET NO. 8, F.A.U. RTE. 2578, SECTION 532B, COUNTY DUPAGE, TOTAL SHEETS 117, SHEET NO. 78

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