

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING RW-5 (1 OF 2)

Page 1 of 2

Date 10/22/05

Illinois Department of Transportation
Division of Highways
ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

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. _____
Station _____

BORING NO. RW-5
Station 170+55
Offset 32.00ft Lt.
Ground Surface Elev. 695.61 ft (ft) (ft) (ft) (ft) (ft)

DEPTH (ft)	DESCRIPTION	U	B	S	Q	W	H	T	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After 48 Hrs. (ft)
0	Brown SILTY CLAY w/Organics and trace Medium Sand				18.0									
3	Stiff Brown SANDY CLAY													
692.11	Loose Brown SAND			1.3	18.0									
691.11	Soft Gray SILTY CLAY													
689.61	Loose Gray Coarse SAND			0.4	19.0									
687.61	Soft to Medium Stiff Gray SILTY LOAM			3.0										
687.61	Encountered a Cobble @ approx. 6.6 ft.													
687.61	Grades to Fine SAND													
687.61	Grades w/more Fine Sand													
687.61	Note: Begin Washing @ 16.5 ft.													
687.61	1 inch Silt Seam @ approx. 18.5 ft.													
676.11	Medium Stiff Gray SILTY CLAY w/													

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-5 (2 OF 2)

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11	Medium Dense Gray Coarse SAND and GRAVEL (continued)				11									
11	Medium Dense Gray Coarse SAND				11									
13.0	Medium Dense Gray Coarse SAND				13.0									
13.0	Medium Stiff Gray SILTY LOAM													
13.0	Medium Stiff Gray SILTY LOAM													
13.0	Encountered a Cobble @ approx. 71.5 ft.													
13.0	Medium Dense Gray Coarse SAND and GRAVEL													
13.0	Encountered Gray DOLOMITE @ approx. 75.0 ft. Note: Finished Washing @ 75 ft. 619.31													
13.0	Auger Refusal @ approx. 76.3 ft. Possible Bedrock Note: Washed Boring From 16 ft. to 75 ft. State Plane Coordinates: Northing 1929858.888, Easting 1066907.340 End of Boring													

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SOIL BORING LOGS (4 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

SHEET NO. 10	F.A.U. RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 117	SHEET NO. 80
OF 10 SHEETS	SN 022-W031		CONTRACT NO. 62881		
DATE: 6/12/09	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

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