

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 32.00 ft Lt.
Ground Surface Elev. 695.61 ft

DEPTH (ft)	SOIL DESCRIPTION	U (tsf)	B (Bulge)	S (Shear)	P (Penetrometer)
0	Surface Water Elev. _____ ft				
0	Stream Bed Elev. _____ ft				
0	Groundwater Elev.: _____ ft				
0	First Encounter _____ ft				
0	Upon Completion _____ ft				
0	After 48 Hrs. _____ ft				
0	Fine Sand				
0	Medium Stiff Gray SILTY CLAY w/ Fine Sand (continued)				
0	Stiff Brown SANDY CLAY				
0	Grades w/more Silt				
0	Loose Brown SAND				
0	Soft Gray SILTY CLAY				
0	Loose Gray Coarse SAND				
0	Encountered a Cobble @ approx. 8.6 FT.				
0	Grades to Fine SAND				
0	Note: Begin Washing @ 16.5 ft.				
0	1 inch Silt Seam @ approx. 18.5 ft.				
0	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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0	Surface Water Elev. _____ ft				
0	Stream Bed Elev. _____ ft				
0	Groundwater Elev.: _____ ft				
0	First Encounter _____ ft				
0	Upon Completion _____ ft				
0	After 48 Hrs. _____ ft				
0	Soft to Medium Stiff Gray SILTY LOAM (continued)				
0	Medium Dense Gray Coarse SAND and GRAVEL (continued)				
0	Medium Dense Gray Coarse SAND				
0	Medium Stiff Gray SILTY LOAM				
0	Encountered a Cobble @ approx. 71.5 ft.				
0	Medium Dense Gray Coarse SAND and GRAVEL				
0	Encountered Gray DOLOMITE @ approx. 75.0 ft. Note: Finished Washing @ 75 ft. 816.31				
0	Auger Refusal @ approx. 76.3 ft. Possible Bedrock Note: Washed Boring From 16 ft. to 75 ft. State Plane Coordinates: Northing 1929856.888, Easting 1066307.340 End of Boring				

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BBS, from 137 (Rev. 8-99)

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		