

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 314	108BR-1	MADISON	123	54
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Contract #76454

SHEET NO. 26
29 SHEETS

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG Page 1 of 3
Date 11/21

ROUTE FAP 314 DESCRIPTION IL 4 over Silver Creek LOGGED BY C. Hoffman

SECTION 108BR-1 LOCATION SW 14, SW 14, SEC. 20, TWP. 6N, RING. 6W, 3 PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140# Automatic

STRUCT. NO. 060-0106 D B U M Surface Water Elev. _____ ft D B U M
Station 264+00 E L C O Stream Bed Elev. _____ ft E L C O
P O S I T W S H S Qu T H S Qu T

BORING NO. 3 Plat 3 Groundwater Elev.: _____ ft H S Qu T
Station 263+47 First Encounter _____ ft H S Qu T
Offset 19.00ft Right Upon Completion _____ ft H S Qu T
Ground Surface Elev. 497.6 ft (ft) (6") (tsf) (%) After _____ Hrs. _____ ft (ft) (6") (tsf) (%)

Gray and Green Clay TILL (continued)	11	1.37	21				
Brown and Gray CLAY							
	6	0.66	24				
	5	0.52	25				
	10	0.83	24				
Gray Silty CLAY							
	2	0.33	25				
	4	0.52	24				
	3	0.66	26				
	3	0.39	23				
Gray and Green Clay TILL							

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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BORING NO. 3 Plat 3 Groundwater Elev.: _____ ft H S Qu T
Station 263+47 First Encounter _____ ft H S Qu T
Offset 19.00ft Right Upon Completion _____ ft H S Qu T
Ground Surface Elev. 497.6 ft (ft) (6") (tsf) (%) After _____ Hrs. _____ ft (ft) (6") (tsf) (%)

Gray Clay TILL (continued)	17	1.79	18				
	21	2.17	16				
	22	1.63	14				
	18	2.44	15				
	18	2.26	16				
	22	2.44	16				
	5						
Gray Clay LOAM	10	2.2	18				
Boring Extended on 4/5/05 at Station 263+93, 19 ft Right	13						
	4						

Gray Clay LOAM (continued)

Gray Silty LOAM

Gray Medium to Coarse SAND with some Gravel
See Gradation @ 70 ft

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Station 264+00 E L C O Stream Bed Elev. _____ ft E L C O
P O S I T W S H S Qu T H S Qu T

BORING NO. 3 Plat 3 Groundwater Elev.: _____ ft H S Qu T
Station 263+47 First Encounter _____ ft H S Qu T
Offset 19.00ft Right Upon Completion _____ ft H S Qu T
Ground Surface Elev. 497.6 ft (ft) (6") (tsf) (%) After _____ Hrs. _____ ft (ft) (6") (tsf) (%)

Gray Silty LOAM (continued)	8	0.8	30				
	13						
	4						
Gray Fine SAND	7		22				
See Gradation @ 87.5 ft	14						
	7						
Gray SHALE	14						
	7						
	14						
	7						
	15						
	24						
	7						
	7						

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 LOGS
F.A.P. RTE. 314 - SEC. 108BR-1
MADISON COUNTY
STATION 263+51
STRUCTURE NO. 060-0334