

Illinois Department of Transportation  
Division of Highways Applied Geoscience

SOIL BORING LOG Page 2 of 2  
Date 5/5/06

ROUTE FAU 1537 DESCRIPTION \_\_\_\_\_ LOGGED BY ND

SECTION \_\_\_\_\_ LOCATION \_\_\_\_\_ SEC. TWP. RNG.

COUNTY Cook DRILLING METHOD ss HAMMER TYPE \_\_\_\_\_

STRUCT. NO. \_\_\_\_\_  
Station \_\_\_\_\_

BORING NO. B-2  
Station \_\_\_\_\_  
Offset \_\_\_\_\_  
Ground Surface Elev. 619.00 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	BL	UC	MO	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs.)
578.00									
15									
26	6.4	9.0							
36	S								
5									
8	7.2	11.0							
36	S								
589.00									
586.33									

SILT CLAY, fr. sand & gravel, gray, hard to very hard (continued)  
SILTY CLAY, fr. sand & gravel, gray, very hard

SILT, SAND & GRAVEL, dense, Auger Refusal at 52.67 feet

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)

Illinois Department of Transportation  
Division of Highways Applied Geoscience

SOIL BORING LOG Page 1 of 2  
Date 5/5/06

ROUTE FAU 1537 DESCRIPTION \_\_\_\_\_ LOGGED BY ND

SECTION \_\_\_\_\_ LOCATION \_\_\_\_\_ SEC. TWP. RNG.

COUNTY Cook DRILLING METHOD ss HAMMER TYPE \_\_\_\_\_

STRUCT. NO. \_\_\_\_\_  
Station \_\_\_\_\_

BORING NO. B-3  
Station \_\_\_\_\_  
Offset \_\_\_\_\_  
Ground Surface Elev. 619.00 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	BL	UC	MO	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs.)
618.17									
5									
9			13.0						
11									
5									
7	4.2	29.0							
7	S								
614.25									
4									
6	4.1	21.0							
6	S								
3									
5	4.8	21.0							
7	S								
10									
587.00									
12									
15	7.1	13.0							
30	S								
10									
12									
17	8.4	13.0							
22	S								
581.00									
8									
11									
16									

SILT CLAY, fr. sand & gravel, gray, hard (continued)

FILL, silty clay, sand, stone, brick chips & topsoil, moist, dk. gray, med. dense

SILTY CLAY, fr. sand & gravel, brown-gray, hard

SILTY CLAY, fr. sand & gravel, gray, very hard

CLAYEY SILT, some stone, fr. sand, gray, very hard

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)

Illinois Department of Transportation  
Division of Highways Applied Geoscience

SOIL BORING LOG Page 2 of 2  
Date 5/5/06

ROUTE FAU 1537 DESCRIPTION \_\_\_\_\_ LOGGED BY ND

SECTION \_\_\_\_\_ LOCATION \_\_\_\_\_ SEC. TWP. RNG.

COUNTY Cook DRILLING METHOD ss HAMMER TYPE \_\_\_\_\_

STRUCT. NO. \_\_\_\_\_  
Station \_\_\_\_\_

BORING NO. B-3  
Station \_\_\_\_\_  
Offset \_\_\_\_\_  
Ground Surface Elev. 619.00 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	BL	UC	MO	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs.)
573.00									
14									
22	6.9	9.0							
27	S								
573.00									
11									
16	6.6	10.0							
14	S								
587.17									
12									
17	8.4	13.0							
22	S								

SILT CLAY, fr. sand & gravel, gray, very hard

CLAYEY SILT, some stone, fr. sand, gray, very hard (continued)

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)

FILE NAME = F:\60156877\0000\_CAD\001\_Drawing\Sheets\Structure\1\016-7726.IDDT-sh485\_Boring\_Logs.dgn



USER NAME = dabezid  
DESIGNED - DD  
DRAWN - DD  
CHECKED - EJO  
DATE - 01/10/2011

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET NO. 55 OF 61 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1537	06-00050-00-GS	COOK	209	149
CONTRACT NO. 63556			ILLINOIS FED. AID PROJECT	