

Illinois Department of Transportation
Division of Highways
Applied Geotechnics

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)	B	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)
0					
15					
26	6.4	9.0			
36	S				
589.00					
566.33					

SILTY CLAY, fr. sand & gravel, gray, hard to very hard (continued) 578.00
SILTY CLAY, fr. sand & gravel, gray, very hard
SILTY 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)

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SOIL BORING LOG Page 1 of 2
Date 5/6/06

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)	B	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)
5					
9		13.0			
11					
5					
7	4.2	29.0			
7	S				
4					
6	4.1	21.0			
6	S				
3					
5	4.6	21.0			
7	S				
10					
15	6.4	13.0			
14	S				
587.00					
12					
15	7.1	13.0			
30	S				
581.00					
12					
17	8.4	13.0			
22	S				
20					

Topsoil
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)

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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)	B	U	M	Surface Water Elev. (ft)	Stream Bed Elev. (ft)
14					
22	6.9	9.0			
27	S				
573.00					
11					
16	6.6	10.0			
14	S				
567.17					
12					
17	8.4	13.0			
22	S				
20					

CLAYEY SILT, some stone, fr. sand, gray, very hard (continued)
SILTY CLAY, fr. sand & gravel, 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)

FILE NAME = F:\60155877\0601_CAD\001_Drawing\Shoreline\Structural\016-7726_1\DOT-shs01_Boring_Log.dgn



USER NAME = dabezisd	DESIGNED = DD	REVISED =
PLOT SCALE = 0:1' = 1/4"	DRAWN = DD	REVISED =
PLOT DATE = 2/17/2011	CHECKED = EJO	REVISED =
DATE = 01/10/2011	REVISED =	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: SHEET NO. 59 OF 65 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				