

Illinois Department of Transportation
Division of Highways
Applied Geoscience

SOIL BORING LOG Page 2 of 2
Date 6/8/10

ROUTE FAU 1537 DESCRIPTION LOCATION SEC. TWP. RNG. LOGGED BY FM

SECTION COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station
BORING NO. RW-05
Station
Ground Surface Elev. 618.81 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	B	U	M	SOIL DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Day) Hrs.
0				Clay, some silt, trace gravel, gray, hard (continued)						
576.81				Clay, some stone, silt & sand, gray, hard						
13										
19	4.8	11.3								
24										
19										
50			11.4							
588.81				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 6/7/10

ROUTE FAU 1537 DESCRIPTION LOCATION SEC. TWP. RNG. LOGGED BY FM

SECTION COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station
BORING NO. SB-01
Station
Ground Surface Elev. 616.52 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	B	U	M	SOIL DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Day) Hrs.
0				Topsoil, silty clay, dark brown						
615.52				Possible fill, clay, trace silt & gravel, brown & gray, very stiff						
613.52				Clay, some silt, trace gravel, brown clay, very stiff						
611.52				Clay, trace silt & gravel, brown & gray, hard to very stiff						
588.52				Clay, some stone, trace shale, gray, hard						
585.52				Clay, trace silt, gravel & shale, gray, hard						
579.52				Coarse sand, gray, wet, medium, dense						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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SECTION COUNTY Cook DRILLING METHOD SS HAMMER TYPE

STRUCT. NO. Station
BORING NO. SB-01
Station
Ground Surface Elev. 618.52 ft (ft) (/6") (tsf) (%)

DEPTH (ft)	B	U	M	SOIL DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Day) Hrs.
0				Coarse sand, gray, wet, medium, dense (continued)						
574.52				Coarse sand, gravel & sand, gray, wet, dense						
570.52				Fraactured limestone, some gravel & sand, gray, wet, very dense						
568.52										
50			8.3	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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