Illinois Department of Transportation
Division of Highways
Illinois Dept of Transportation

SOIL BORING LOG

Page 1 of 1

Date 1/27/03

ROUTE FAU 3537 DESCRIPTION US Route 20 (Lake Street) LOGGED BY Stewart/Ward

SECTION (4Y & 22-3)R-2 LOCATION Walnut St. to York Rd., SEC. 35, TWP. 40 N, RNG. 11 E

COUNTY DuPage DRILLING METHOD Mobile-B80 3.25 ID HSA HAMMER TYPE

STRUCT. NO. Station

BORING NO. B-1
Station 358+00
Offset 30.00ft Rt of Prop. US20 Centerline
Ground Surface Elev. 686.94 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After 24 Hrs. 687.4 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
4 in. Topsoil (FILL) 686.64			
Brown SILTY CLAY (FILL) 685.94			15
Brown and Gray SAND (FILL) 684.44			8
Black and Brown SILTY CLAY (FILL)			
Note: Encountered an apparent clay tile at about 4.5 feet below grade. 682.44 -5		4.5	20
Hard Brown and Gray SILTY CLAY, Trace Pebbles		4.5	19
With Pebbles 680.44		4.5	20
		4.0	19
Trace Pebbles		4.0	21
Note: Gray Fine SAND and SILT seam encountered at a depth of about 9.5 feet. 676.94 -15		4.0	18
Note: Frost encountered to a depth of about 3.25 feet below grade. End of Boring			
-20			

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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Page 1 of 1

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ROUTE FAU 3537 DESCRIPTION US Route 20 (Lake Street) LOGGED BY Stewart/Ward

SECTION (4Y & 22-3)R-2 LOCATION Walnut St. to York Rd., SEC. 35, TWP. 40 N, RNG. 11 E

COUNTY DuPage DRILLING METHOD Mobile-B80 3.25 ID HSA HAMMER TYPE

STRUCT. NO. Station

BORING NO. B-2
Station 360+50
Offset 40.00ft Rt of Prop. US20 Centerline
Ground Surface Elev. 696.47 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Topsoil (FILL)			13
Very Stiff to Hard Black to Olive and Tan SILTY CLAY 694.47		2.5	24
		3.3	23
		4.5	18
Medium Stiff to Soft Brown with Gray Streaks CLAY 691.47 -5		1.3	26
		0.8	27
689.47		0.3	34
Stiff to Very Stiff Brown with Gray Streaks SILTY CLAY		3.8	21
		2.0	20
With Pebbles 681.47 -15		2.8	21
Note: Frost encountered to a depth of about 2 feet below grade. End of Boring			
-20			

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)

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Page 1 of 1

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ROUTE FAU 3537 DESCRIPTION US Route 20 (Lake Street) LOGGED BY Stewart/Ward

SECTION (4Y & 22-3)R-2 LOCATION Walnut St. to York Rd., SEC. 35, TWP. 40 N, RNG. 11 E

COUNTY DuPage DRILLING METHOD Mobile-B80 3.25 ID HSA HAMMER TYPE

STRUCT. NO. Station

BORING NO. B-3
Station 363+00
Offset 37.00ft Rt of Prop. US20 Centerline
Ground Surface Elev. 697.53 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Topsoil (FILL) 695.53			4
Very Stiff Black and Brown SILTY CLAY, Trace Organic Fibers (FILL)		2.5	18
693.03		2.5	23
Stiff Black, Olive, and Tan SILTY CLAY, With Pebbles and Organic Fibers -5		3.3	
		1.3	24
691.03		2.3	23
Stiff to Medium Stiff Brown with Black and Gray Streaks CLAY, Trace Pebbles		0.8	24
688.53		2.0	22
Hard Brown and Gray SILTY CLAY 687.53 -10		1.0	26
Note: Frost encountered to a depth of about 2.25 feet below grade. End of Boring		4.5+	20
-20			

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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Page 1 of 1

Date 1/28/03

ROUTE FAU 3537 DESCRIPTION US Route 20 (Lake Street) LOGGED BY Stewart/Ward

SECTION (4Y & 22-3)R-2 LOCATION Walnut St. to York Rd., SEC. 35, TWP. 40 N, RNG. 11 E

COUNTY DuPage DRILLING METHOD Mobile-B80 3.25 ID HSA HAMMER TYPE

STRUCT. NO. Station

BORING NO. B-5A
Station 360+10
Offset 33.00ft Rt of Prop. US20 Centerline
Ground Surface Elev. 683.81 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Note: Blank drilled to about 7.5 feet below existing grade. See Boring Log 5 for information.			
-5			
676.31		0.8	30
Soft to Medium Stiff Green and Gray CLAY, Trace Pebbles		0.3	27
Grades to Stiff 673.81 -10		1.5	21
Hard Dark Brown to Gray SILTY CLAY, With Pebbles		4.5+	19
		4.5+	17
		4.5+	17
668.81 -15		4.5+	18
Note: Boring 6A drilled within 10 feet East of Boring 6 and performed due to terminating Boring 6 within Soft SILTY CLAY. End of Boring			
-20			

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)

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ROUTE FAU 3537 DESCRIPTION US Route 20 (Lake Street) LOGGED BY Stewart/Ward

SECTION (4Y & 22-3)R-2 LOCATION Walnut St. to York Rd., SEC. 35, TWP. 40 N, RNG. 11 E

COUNTY DuPage DRILLING METHOD Mobile-B80 3.25 ID HSA HAMMER TYPE

STRUCT. NO. Station

BORING NO. B-6
Station 366+00
Offset 33.00ft Rt of Prop. US20 Centerline
Ground Surface Elev. 693.81 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter ft
Upon Completion Dry ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
5 in. Topsoil 693.56			
Very Stiff Brown SILTY CLAY, Trace Gravel			15
			19
With Gravel 691.31		3.0	15
Medium Stiff Black CLAY		0.5	27
-5		1.0	30
688.31		2.0	25
Medium Stiff to Soft Green and Gray with Black Streaks CLAY, Trace Pebbles		1.3	27
		0.5	29
With Gray Streaks		0.8	29
683.81 -10		0.3	32
Note: Frost encountered to a depth of about 2 feet below grade. End of Boring			
-20			

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 = ls_log.dgn	USER NAME = IDOT(eng)	DESIGNED -	REVISED -	
		DRAWN - PRH	REVISED -	
	PLOT SCALE = 1"=50'	CHECKED - SRG	REVISED -	
	PLOT DATE = 1/14/2010	DATE - 1/18/10	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 20 (LAKE STREET) – RAMP "F"
BORING LOGS

SCALE: NONE | SHEET NO. 194 OF SHEETS | STA. N/A | TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3537	(4Y&22-3)R-2	DUPAGE	268	194
		CONTRACT NO. 62093		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		