Illinois Department of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Date 11/13/09

ROUTE FAP 749 (IL 133) DESCRIPTION 3.5 Miles East of Redmon on IL 133 over Drainage Ditch #7 LOGGED BY CNA

SECTION 14BR LOCATION SW, SEC. 31, TWP. 14N, RNG. 12W, 2nd PM GPS: 39.622528N, 87.794969W

COUNTY Edgar DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 023-0016 (Exist.)
Station 418+20.43

BORING NO. 2 SE Abut.
Station 418+38
Offset 15.0 ft Rt.
Ground Surface Elev. 689.8 ft

Surface Water Elev. 675.0 ft
Stream Bed Elev. 673.0 ft

Groundwater Elev.:
First Encounter 674.8 ft ▼
Upon Completion Wash Bored ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
689.8				Gravel - Shoulder Stone
688.8				Brown/Gray Mottled Silty Clay Loam (Embankment)
	2			
	2	0.4	28	
-5	2	B		
684.3				Black Silty Clay Loam (Embankment)
	2			
	2	1.7	23	
	3	B		
681.8				Brown/Gray Mottled Silty Clay Loam
	1			
	2	0.5	36	
-10	4	B		
	3			(Trace of Coarse Brown Sand)
	2	0.5	36	
677.3	2	B		Gray Dirty Coarse Sand with Gravel
	2			
	3			
▼-15	3			
	2			
	4			
	5			
	2			
	6			
-20	7			
				Gray Dirty Coarse Sand with Gravel *(continued)*
	8			
	20			
-25	20			(Gray Sand Loam Till Seam - Drilled Hard)
	10			
	9			
-30	14			
	2			
	4			
-35	8			
	8			
	16		23	
650.3	15			Gray Silt
-40				

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

11/16/2009 9:01:41 AM S:\SOILS\BORING LOGS\EDGAR\023-0016.GPJ

Illinois Department of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Date 11/13/09

ROUTE FAP 749 (IL 133) DESCRIPTION 3.5 Miles East of Redmon on IL 133 over Drainage Ditch #7 LOGGED BY CNA

SECTION 14BR LOCATION SW, SEC. 31, TWP. 14N, RNG. 12W, 2nd PM GPS: 39.622528N, 87.794969W

COUNTY Edgar DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 023-0016 (Exist.)
Station 418+20.43

BORING NO. 2 SE Abut.
Station 418+38
Offset 15.0 ft Rt.
Ground Surface Elev. 689.8 ft

Surface Water Elev. 675.0 ft
Stream Bed Elev. 673.0 ft

Groundwater Elev.:
First Encounter 674.8 ft ▼
Upon Completion Wash Bored ft
After ____ Hrs. ____ ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	Material
				Gray Silt *(continued)*
646.8				Dark Gray to Black Clay Loam Till with Interminant Gray Sand Loam Till Inclusions
	2			
	3	1.3	23	
-45	5	B		
	2			
	9	1.4	21	
-50	13	B		
	1			(Gray Sand Loam Till Seam - Drilled Hard)
635.3	2		9	
-55	8			Gray Sandy Clay Loam Till
	24			(Drilled Very Hard From 57' to 60')
	42	7.9	8	
629.8	34-4"	S		End of Boring
-60				

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

11/16/2009 9:01:42 AM S:\SOILS\BORING LOGS\EDGAR\023-0016.GPJ

BLANK, WESSELINK, COOK & ASSOCIATES DECATUR, ILLINOIS ENGINEERS - CONSULTANTS DESIGN FIRM NO. 184000894

FILE NAME =	USER NAME =	DESIGNED - PBB	REVISED -
		CHECKED -	REVISED -
	PLOT SCALE =	DRAWN - RJC	REVISED -
	PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING NO. 2
STRUCTURE NO. 023-0034
SHEET NO. 20 OF 21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
749	14BR	EDGAR	115	60
		CONTRACT NO. 70618		
		ILLINOIS FED. AID PROJECT		