



GSI Job No. 10025

SOIL BORING LOG

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Date 3/27/12

ROUTE FAP 372 (IL 171) DESCRIPTION IL Route 171 from 47th St. to 55th St. LOGGED BY KD

SECTION 2013-038B-R LOCATION SE 1/4, SEC. 11, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD HSA/MUD ROTARY HAMMER TYPE CME Automatic

STRUCT. NO. Ramp E
 Station _____
 BORING NO. EB-01
 Station 212+50
 Offset 18.70ft Left
 Ground Surface Elev. 620.90 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
				18.0" ASPHALT, 6.0" CRUSHED STONE				
618.90	4			CLAY to CLAY LOAM-brown & gray-very stiff to hard (Fill)		3		
	6					4		14
	5					3		
	2			SILTY CLAY LOAM-gray-loose to medium dense (Fill) (continued)		8		
	2	4.3	18			10		12
	3	P				12		
	3			SAND, GRAVEL & FRACTURED ROCK-gray-medium dense to very dense		10		
	4	3.2	19			10	2.3	14
	6	B				10	P	
	2			CLAY LOAM-gray-hard (Fill)		9		
	5	2.8	19			12		7
	6	B				8		
	3			SILTY CLAY LOAM-gray-loose to medium dense (Fill)		50/4"		
	5	2.4	21					
	7	B						
	50/5"			End Of Boring @ -35.0'. Boring backfilled with cuttings.		50/4"		
		3.8	19					7
		P						
605.40	10			CLAY LOAM-gray-hard (Fill)				
	13	4.5	12					
	11	P						
602.90	3			SILTY CLAY LOAM-gray-loose to medium dense (Fill)				
	4	1.2	15					
	3	B						

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

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Date 6/20/13

ROUTE FAP 372 (IL 171) DESCRIPTION IL Route 171 from 47th St. to 55th St. LOGGED BY JK

SECTION 2013-038B-R LOCATION SE 1/4, SEC. 11, TWP. T38N, RNG. R12E, 3rd PM

COUNTY Cook DRILLING METHOD Hand Auger HAMMER TYPE Manual

STRUCT. NO. _____
 Station _____
 BORING NO. EB-02
 Station 113+11
 Offset 52.30ft Right
 Ground Surface Elev. 603.90 ft

DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)	
				CLAY-dark brown (Possible Fill)				14	
601.40				CLAY LOAM-brown				14	
									13
599.90				SILTY CLAY LOAM-gray				15	
									11
									10
596.90				End Of Boring @ -7.0'. Boring backfilled with cuttings.				9	

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)