



GSI Job No. 10025

SOIL BORING LOG

Page 1 of 1

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 Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion After Hrs.	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)
		601.05			24	n/a	n/a						
			5							9			
			5	2.8	17					11	5.0	21	
			7	B						13	B		
			5							6			
			5	3.9	13					7	1.9	22	
			5	B						9	B		
		576.80											
			9							12			
			7	3.0	12					12		18	
			7	P						14			
		594.30											
			13							12			
			22		5					13	4.3	21	
			-10	23						10	B		
			13										
			14		9								
			16										
		588.30											
			7		12					50/1"		3	
			7										
			-15	6						-35			
			5										
			5		16								
			6										
		584.30											
			5										
			6		17								
			6										
			7										
		581.80											

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)



GSI Job No. 10025

SOIL BORING LOG

Page 1 of 1

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 SW 1/4, SEC. 12, TWP. T38N, RNG. R12E, 3rd PM

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

STRUCT. NO.	Station	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter Upon Completion After Hrs.	DEPTH (ft)	BLOW (blows/ft)	UCS (tsf)	MOIST (%)
						n/a	n/a						
			2							6			
		614.94		4.5	18					5	2.8	17	
			7	P						5	P		
			2							12			
			3	3.1	20					50/2"	1.5	17	
			5	B						18			
			6	4.3	18					20		21	
			10	B						15			
		592.60											
			3							17			
			4	4.2	17					12		5	
			7	B						10			
			4										
			7	2.1	20								
			8	B									
			3							21			
			3	2.1	19					30		12	
			6	B						20			
		581.60											
			18										
			21	1.3	20								
			21	P									
			5										
			6	1.8	19								
			10	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)