



Illinois Department  
of Transportation  
Division of Highways  
GSG CONSULTANTS, INC.

# SOIL BORING LOG

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Date 7/1/10

ROUTE FAP 619 (IL 71) DESCRIPTION Boring located north of roadway. LOGGED BY NSP  
SECTION 120 BR, CR LOCATION Granville Road District, SEC. 9, TWP. 32N, RNG. 1W, 3rd PM,  
Latitude 41° 22' 3.86" N, Longitude 89° 7' 46.92" W  
COUNTY Putnam DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 078-1001  
Station 12+058.1  
BORING NO. B-3  
Station 12+057.9  
Offset 17.68 m LT  
Ground Surface Elev. 204.74 m

DEPTH (m)	BLOWS (/150 mm)	UCS (kPa)	MOIST (%)	DESCRIPTION	DEPTH (m)	BLOWS (/150 mm)	UCS (kPa)	MOIST (%)	DESCRIPTION
				Surface Water Elev. <u>203.88</u> m					
				Stream Bed Elev. <u>200.90</u> m					
				Groundwater Elev.:					
				First Encounter <u>195.9</u> m					
				Upon Completion <u>200.5</u> m					
				After <u>0.5</u> Hrs. <u>202.3</u> m					
				Brown to Black, Fine to Medium grain, Moist SANDY LOAM (fill), trace gravel					
				204.13					
				Brown to Black, Moist CLAY LOAM (fill)					
				203.68					
				Stiff Black, Moist CLAY LOAM					
				-1.5					
				2					
				1					
				1					
				202.15					
				Soft Mottled Brown and Gray, Moist SILTY CLAY LOAM					
				-3.0					
				201.39					
				Stiff Brown, Moist CLAY LOAM					
				2					
				5					
				Note: 6" seam of Black Clay Loam with trace organics at -11.5'					
				200.63					
				Stiff to Very Stiff Brownish Gray, Moist CLAY LOAM, trace gravel					
				-4.5					
				2					
				4					
				5					
				2					
				4					
				-6.0					
				Stiff to Very Stiff Brownish Gray, Moist CLAY LOAM, trace gravel					
				204.13					
				1					
				2					
				5					
				6					
				203.68					
				1					
				1					
				2					
				1					
				202.15					
				1					
				1					
				2					
				196.06					
				Medium Dense Brown, Medium to Coarse grain, Moist SAND					
				-9.0					
				195.60					
				3					
				4					
				7					
				End of Boring					
				201.39					
				1					
				2					
				5					
				Note: 6" seam of Black Clay Loam with trace organics at -11.5'					
				200.63					
				2					
				3					
				4					
				-4.5					
				2					
				4					
				5					
				2					
				4					
				-6.0					

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, form 137 (Rev. 8-99)

## SOIL BORING LOGS

FILE NAME = sheets.dgn	USER NAME = keathbr	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SOIL BORING LOGS (EXISTING S.N. 078-1001)</b>			F.A.P. RTE. 619	SECTION 120BR,CR	COUNTY PUTNAM	TOTAL SHEETS 77	SHEET NO. 51
	PLOT SCALE = 3.6000 M / in.	DRAWN - H2S - IDOT	REVISED -		SCALE:	SHEET NO. 2 OF 2 SHEETS	STA. TO STA.	CONTRACT NO. 68740		ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/29/2013	CHECKED -	REVISED -									
		DATE -	REVISED -									