



SOIL BORING LOG

Page 1 of 1

Date 1306

ROUTE Outer Belt West DESCRIPTION Outer Belt West Over Tributary to Little Wabash River LOGGED BY RGC
 SECTION 03-00098-00-BR LOCATION SW 14, SEC. 25, TWP. 8 N, RNG. 6 E
 COUNTY Effingham DRILLING METHOD 3-3/4" HSA HAMMER TYPE auto

STRUCT. NO.	Station	DEPTH (ft)	DESCRIPTION	DRILLING METHOD	HAMMER TYPE	UNCONF. COMP. STRENGTH (UCS) FAILURE MODE	SPT (N VALUE)
025-6009	415+66.00		Surface Water Elev. _____ ft				
			Stream Bed Elev. _____ ft				
B-09	415+72		Groundwater Elev.: _____ ft				
	56.00ft		First Encounter: _____ ft				
			Upon Completion _____ ft				
			After _____ Hrs.				
			Ground Surface Elev. _____ ft				
			Dark brown CLAYEY TOPSOIL				
		531.60	Medium dense, brown SILTY fine to coarse SAND, trace small gravel and sandstone fragments				
		5					
		5					
		8					
		524.00	Hard, gray, fine SANDY SILT, some clay, coarse sand and small gravel				
		4					
		10					
		10					
		498.00	Very stiff, greenish gray and gray fine SANDY SILTY CLAY, trace small gravel				
		7					
		14					
		16					
		493.50	Hard, gray, fine SANDY CLAYEY SILT, trace coarse sand and small gravel				
		5					
		11					
		13					
		492.00					

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 T208)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

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025-6009	415+66.00		Surface Water Elev. _____ ft				
			Stream Bed Elev. _____ ft				
B-10	415+80		Groundwater Elev.: _____ ft				
	60.00ft		First Encounter: _____ ft				
			Upon Completion _____ ft				
			After _____ Hrs.				
			Ground Surface Elev. _____ ft				
			Dark brown CLAYEY TOPSOIL				
		531.40	Medium dense, brown SILTY fine to coarse SAND, sandstone fragments				
		4					
		7					
		7					
		524.50	Hard, gray, fine SANDY CLAYEY SILT, trace coarse sand and small gravel				
		7					
		12					
		14					
		14					
		498.00	Very stiff, greenish gray and gray fine SANDY SILTY CLAY, trace small gravel				
		5					
		7					
		12					
		12					
		493.50	Hard, gray, fine SANDY CLAYEY SILT, trace coarse sand and small gravel				
		5					
		8					
		11					
		11					
		492.00					

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025-6009	415+66.00		Surface Water Elev. _____ ft				
			Stream Bed Elev. _____ ft				
B-10	415+80		Groundwater Elev.: _____ ft				
	60.00ft		First Encounter: _____ ft				
			Upon Completion _____ ft				
			After _____ Hrs.				
			Ground Surface Elev. _____ ft				
			Hard, gray, fine SANDY CLAYEY SILT, trace coarse sand and small gravel (continued)				
		3					
		5					
		8					
		8					
		492.00					
		3					
		4					
		4					
		7					
		7					
		492.00					

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 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208)

BBS, from 137 (Rev. 8-99)

03/29/07, 03:37 AM
 I:\0514ds\052271\CADD\Struc\Marble\Trib\Plandgn

LAYOUT	MM	12/20/07
DRAWN	DMP	07/12/07
REVIEWED	JJT	07/15/07

BORINGS (SHEET 2)
 OUTER BELT WEST OVER TRIBUTARY
 TO LITTLE WABASH RIVER
 LOCAL ROAD SEC. 03-00098-00-BR
 EFFINGHAM COUNTY
 STATION 415+66.00
 STRUCTURE NO. 025-6009

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HANSON

JOB NO.
05S2071
DATE
03/29/07