BRAUN INTERTEC

LOG OF BORING

Braun Project CR-13-03987
Geotechnical Evaluation
I-80 & I-380/US 218 Interchange
Johnson County
Coralville, Iowa

BORING: **BR2764**

LOCATION: Station 8563+98, Rt. 6

DRILLER: R. Hunt/K. Simpson | METHOD: 3 1/4" HSA, Autohammer | DATE: **3/29/16** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
672.3	0.0							
671.3	1.0	TS	Topsoil					
		CL	LEAN CLAY, trace Sand and organics, dark brown, dry to moist, rather soft (Alluvium)	2-2-3 (5)		31		An open triangle in the water level (WL) column indicates the depth at which groundwater was observed while drilling. LL= 36, PL= 22, PI= 14 P200= 88%
663.8	8.5			WH-1-1 (2)	▽			
		CL	SANDY LEAN CLAY, dark brown, moist to wet, soft (Alluvium)					
658.8	13.5			3-3-4 (7)				
		CL	SANDY LEAN CLAY, trace Gravel, dark gray, wet, medium (Alluvium)					
653.8	18.5			7-11-12 (23)				
		SP	POORLY GRADED SAND, trace Gravel, fine-grained, gray, wet, medium dense (Alluvium)					
				7-12-9 (21)				
				7-12-14 (26)		15		LL= NA, PL= NP, PI= NP P200= 4%

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BORING: **BR2764 (cont.)**
LOCATION: Station 8563+98, Rt. 6

DRILLER: R. Hunt/K. Simpson | METHOD: 3 1/4" HSA, Autohammer | DATE: **3/29/16** | SCALE: **1" = 3.8'**

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Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
642.3	30.0							
			POORLY GRADED SAND, trace Gravel, fine-grained, gray, wet, medium dense (Alluvium) *(continued)*					
639.3	33.0							
		CL	SANDY LEAN CLAY, trace Gravel, gray, wet, hard (Glacial Till)	10-19-12 (31)				
636.3	36.0							
		LS	Highly weathered LIMESTONE (Bedrock)					
634.3	38.0							
		LS	Slightly weathered LIMESTONE, moderately hard, fine-grained, massive bedding, moderately fractured, light gray (Bedrock)			1	159	Run 1: 38' to 48' Recovery = 100% RQD = 78% q_u=20,000 psi
						1	159	q_u=15,200 psi
624.3	48.0							
		LS	Moderately weathered LIMESTONE, moderately hard, fine-grained, massive bedding, moderately to slightly fractured, light gray (Bedrock)			1	156	Run 2: 48' to 58' Recovery = 100% RQD = 96% q_u=18,500 psi
						2	151	q_u=14,000 psi
						1	152	Run 3: 58' to 68' Recovery = 100% RQD = 100% q_u=16,400 psi

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DRILLER: R. Hunt/K. Simpson | METHOD: 3 1/4" HSA, Autohammer | DATE: **3/29/16** | SCALE: **1" = 3.8'**

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Elev. feet	Depth feet	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
612.3	60.0							
			Moderately weathered LIMESTONE, moderately hard, fine-grained, massive bedding, moderately to slightly fractured, light gray (Bedrock) *(continued)*			1	154	q_u=14,800 psi
604.3	68.0							
			AUGER REFUSAL AT 38 FEET.					
			END OF BORING.					
			Water observed at 9 feet while drilling.					
			Boring then backfilled.					

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