BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2763**

LOCATION: Station 8562+15, Rt. 27

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
671.7	0.0							
670.7	1.0	TS	Topsoil					
		CL	LEAN CLAY, trace Sand, dark brown, moist, rather stiff (Alluvium)	4-5-5 (10)				An open triangle in the water level (WL) column indicates the depth at which groundwater was observed while drilling.
663.2	8.5							
		CL	SANDY LEAN CLAY, dark gray, moist, medium (Alluvium)	2-3-3 (6)				
658.7	13.0							
		SP	POORLY GRADED SAND, fine-grained, gray, wet, very loose (Alluvium)	2-1-2 (3)	▽			
653.7	18.0							
		SP	POORLY GRADED SAND, fine-grained, gray, wet, medium dense (Alluvium)	4-5-7 (12)				
				5-6-6 (12)				
643.2	28.5							
		SP	POORLY GRADED SAND, trace Gravel, fine- to coarse-grained, gray, wet, medium dense (Alluvium)	2-10-10 (20)				

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BORING: **BR2763 (cont.)**
LOCATION: Station 8562+15, Rt. 27

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 641.7	Depth feet 30.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
640.7	31.0							
		LS	Highly weathered LIMESTONE (Bedrock)					
638.7	33.0							
		LS	Moderately weathered LIMESTONE, moderately hard, fine-grained, thick bedded, intensley fractured, light gray (Bedrock)					Run 1: 33' to 35' Recovery = 100% RQD = 33%
636.7	35.0							
		LS	Moderately weathered LIMESTONE, modertaely hard, fine-grained, massive bedding, moderately fractured, light gray (Bedrock)					Run 2: 35' to 45' Recovery = 100% RQD = 88%
						1	155	q_u=16,000 psi
						1	159	q_u=15,400 psi
						1	155	Run 3: 45' to 55' Recovery = 100% RQD = 98% q_u=14,300 psi
						2	150	q_u=15,200 psi
						1	156	Run 4: 55' to 65' Recovery = 100% RQD = 91% q_u=15,000 psi

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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
611.7	60.0							
			Moderately weathered LIMESTONE, modertaely hard, fine-grained, massive bedding, moderately fractured, light gray (Bedrock) *(continued)*			1	156	q_u=17,900 psi
606.7	65.0							
			AUGER REFUSAL AT 33 FEET.					
			END OF BORING.					
			Water observed at 14 feet while drilling.					
			Boring then backfilled.					

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