BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2765**

LOCATION: Station 8566+47, Lt. 26

DRILLER: R.Hunt/K. Simpson | METHOD: 3 1/4" HSA, Autohammer | DATE: **3/23/16** | 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
673.0	0.0							
672.0	1.0	TS	Topsoil					
		SC	CLAYEY SAND, trace organics, fine-grained, dark brown, moist, medium dense (Alluvium)	3-7-8 (15)				
665.5	7.5							
		SP	POORLY GRADED SAND, fine-grained, dark brown, wet, loose (Alluvium)	2-2-3 (5)	▽			
660.5	12.5							
		SC	CLAYEY SAND with organics, fine-grained, brown and gray, wet, very loose (Alluvium)	WH-WH-2 (2)				
655.0	18.0							
		SC	CLAYEY SAND, trace organics, fine- to medium-grained, brown and gray, wet, medium dense (Alluvium)	5-8-8 (16)				
				5-6-8 (14)				
645.0	28.0							
		SP	POORLY GRADED SAND, fine- to medium-grained, light brown, wet, medium dense (Alluvium)	6-8-12 (20)				

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BORING: **BR2765 (cont.)**
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DRILLER: R.Hunt/K. Simpson | METHOD: 3 1/4" HSA, Autohammer | DATE: **3/23/16** | 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
643.0	30.0							
641.5	31.5	GP	POORLY GRADED GRAVEL, fine- to coarse-grained, gray and brown, moist, very dense (Residuum)	*				*50 blows for 6 inches.
632.0	41.0	LS	Moderately weathered LIMESTONE, moderately hard, fine-grained, thick bedded, highly fractured, light gray (Bedrock)					Run 1 : 41' to 51' Recovery= 83% RQD= 28%
						1	163	q_u= 9,000 psi
						1	166	q_u= 17,400 psi
622.0	51.0	LS	Slightly weathered LIMESTONE, moderately hard, fine-grained, thick bedded, moderately fractured, light gray (Bedrock)					Run 2 : 51' to 61' Recovery= 98% RQD= 67%
						2	154	q_u= 9,900 psi
						1	163	q_u= 16,700 psi

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DRILLER: R.Hunt/K. Simpson | METHOD: 3 1/4" HSA, Autohammer | DATE: **3/23/16** | SCALE: **1" = 3.8'**

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Elev. feet 613.0	Depth feet 60.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
612.0	61.0							
			AUGER REFUSAL AT 41 FEET.					
			END OF BORING.					
			Water observed at 8 feet while drilling.					
			Boring then backfilled.					

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