BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2760**

LOCATION: Station 8555+70, Lt. 14

DRILLER: J.Miller/K.Elliot | METHOD: 3 1/4" HSA, Autohammer | DATE: **6/19/14** | 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
675.3	0.0							
674.3	1.0	TS	Topsoil					
		FILL	FILL: Silty Clay, brown and gray, moist	4-5-6 (11)				
667.3	8.0				▽			
		SC	CLAYEY SAND, fine-grained, brown and gray, wet, loose (Alluvium)	3-4-4 (8)				
662.3	13.0							
		SP-SM	POORLY GRADED SAND with SILT, fine-grained, light gray, wet, medium dense (Alluvium)	8-11-17 (28)		22		LL= NA, PL= NP, PI= NP P200= 7%
657.3	18.0							
		SC	CLAYEY SAND, fine-grained, light gray, wet, medium dense (Alluvium)	6-8-12 (20)				
652.3	23.0							
		SP-SM	POORLY GRADED SAND with SILT, trace Gravel, fine- to medium-grained, brown, wet, medium dense (Alluvium)	6-11-18 (29)		14		LL= NA, PL= NP, PI= NP P200= 9%
648.3	27.0							
		CL	SANDY LEAN CLAY, trace Gravel, gray, moist, hard (Glacial Till)	16-18-21 (39)				

DRAFT

LOG OF BORING-DRAFT N:\GINT\PROJECTS\CEDARRAPIDS\2013\03987.GPJ BRAUN_V8_CURRENT.GDT 12/9/16 15:50

BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2760 (cont.)**
LOCATION: Station 8555+70, Lt. 14

DRILLER: J.Miller/K.Elliot | METHOD: 3 1/4" HSA, Autohammer | DATE: **6/19/14** | 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
645.3	30.0		SANDY LEAN CLAY, trace Gravel, gray, moist, hard (Glacial Till) *(continued)*					
641.8	33.5							
641.3	34.0	SH	SHALE, brown to gray, moist, hard (Bedrock)	*				*50 blows for 2 inches.
		LS	Moderately weathered LIMESTONE, moderately hard, fine-grained, massive bedded, highly fractured (Bedrock)					Run 1 : 34' to 38' Recovery= 94% RQD= 94%
637.3	38.0					1	149	q_u=12,100 psi
		LS	Slightly weathered LIMESTONE, moderately hard, fine-grained, massive bedded, moderately fractured (Bedrock)					Run 2 : 38' to 48' Recovery= 100% RQD= 98%
						3	142	q_u=8,800 psi
						2	150	q_u=13,000 psi
								Run 3 : 48' to 58' Recovery= 100% RQD= 98%
						1	152	q_u=13,400 psi
						1	152	q_u=9,000 psi
								Run 4 : 58' to 64' Recovery= 90% RQD= 83%

DRAFT

LOG OF BORING-DRAFT N:\GINT\PROJECTS\CEDARRAPIDS\2013\03987.GPJ BRAUN_V8_CURRENT.GDT 12/9/16 15:50

BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2760 (cont.)**
LOCATION: Station 8555+70, Lt. 14

DRILLER: J.Miller/K.Elliot | METHOD: 3 1/4" HSA, Autohammer | DATE: **6/19/14** | SCALE: **1" = 3.8'**

(See Descriptive Terminology sheet for explanation of abbreviations)

Elev. feet 615.3	Depth feet 60.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
			Slightly weathered LIMESTONE, moderately hard, fine-grained, massive bedded, moderately fractured (Bedrock) *(continued)*					
611.3	64.0		AUGER REFUSAL AT 34 FEET.			2	151	q_u=12,300 psi
			END OF BORING.					
			Water observed at 7 feet while drilling.					
			Boring then backfilled.					

DRAFT

LOG OF BORING-DRAFT N:\GINT\PROJECTS\CEDARRAPIDS\2013\03987.GPJ BRAUN_V8_CURRENT.GDT 12/9/16 15:50