BRAUN INTERTEC

LOG OF BORING

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

BORING: **BR2766**

LOCATION: Station 8568+38, Lt. 24

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
672.8	0.0							
671.8	1.0	TS	Topsoil					
		CL	LEAN CLAY, trace Sand, dark brown, moist, rather soft (Alluvium)	WH-2-2 (4)				
664.3	8.5							
		ML	SILT, trace Sand, brown, wet, rather soft (Alluvium)	WH-2-2 (4)	▽	21		LL= NA, PL= NP, PI= NP P200= 92%
659.3	13.5							
		SM	SILTY SAND, trace Gravel, fine- to coarse-grained, gray, wet, very loose to loose (Glacial Outwash)	WH-WH-2 (2)				
				2-2-8 (10)		16		LL= NA, PL= NP, PI= NP P200= 13%
651.8	21.0							
		SP	POORLY GRADED SAND, trace Gravel, fine-grained, gray, wet, medium dense (Glacial Outwash)	5-8-5 (13)				
				4-5-17 (22)				

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: **BR2766 (cont.)**
LOCATION: Station 8568+38, Lt. 24

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 642.8	Depth feet 30.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
641.8	31.0							
		LS	Moderately weathered LIMESTONE, moderately hard, fine-grained, massive bedding, highly to moderately fractured, light gray (Bedrock)					Run 1: 31' to 41' Recovery = 90% RQD = 60%
						1	157	q_u=16,900 psi
						1	158	q_u=9,400 psi
								Run 2: 41' to 51' Recovery = 100% RQD = 100%
						1	153	q_u=11,800 psi
						1	153	q_u=16,200 psi
						1	153	Run 3: 51' to 61' Recovery = 100% RQD = 82% q_u=15,000 psi
						1	151	q_u=14,100 psi

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: **BR2766 (cont.)**
LOCATION: Station 8568+38, Lt. 24

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 612.8	Depth feet 60.0	ASTM Symbol	Description of Materials (ASTM D2488 or D2487)	BPF	WL	MC %	DD pcf	Tests or Notes
611.8	61.0							
			AUGER REFUSAL AT 31 FEET.					
			END OF BORING.					
			Water observed at 9 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