Project No.: 11-0015
Project: ACHD - Cannonball Road Bridge
Client: Adams County Highway Department
Boring No.: 1

Boring Log

Rig: CME 55
Location: Quincy, Illinois
Driller: BJS

Depth (ft.)	Description	Qp, T.S.F.	Dry Density, P.C.F.	Depth/Elev.	Number	Type	Blows/ft.	Qu, T.S.F.	Standard Penetration Test blows/ft.	Water Content % (Wp — Wl)
0	Ground Surface			743.6						
	Topsoil (5")			0.0						
	Brown Silty Clay, (CL)									
5	Light Gray mottled Yellow/Light Brown, Yellow Brown Oxidation, Stiff, (CL)	1.00			1	SS	8		8	29.0
10	Yellow Brown mottled Light Brown, Trace Sand, Medium, (CL)	1.00			2	SS	6		6	22.1
15	Light Gray mottled Yellow Brown Clay, Trace Sand, Stiff, (CH)	2.75	100.9	728.6 / 15.0	3	SS	9	1.99	9	24.8
20	Yellow Brown mottled Light Gray Sandy Clay, Trace Gravel, Stiff, (CH)	2.25	112.4	723.6 / 20.0	4	SS	11	1.55	11	17.3
25	Yellow Brown Sandy Silty Clay, Very Stiff, (CL)	1.50	119.5	718.6 / 25.0	5	SS	10	3.21	10	14.4
30	Trace Gravel, Hard, (CL)	4.50		711.1	6	SS	25		25	13.0

Drill Method: 3 1/4" HSA
Boring Started: 6-17-2011
Boring Completed: 6-17-2011
Tested By: BJS
Logging By: MJH/BJS

GEOTECHNICS
Soil & Material Testing

Groundwater Elev. During Drilling:
Groundwater Elev. @ Comp.:
Groundwater Elev. @ Hrs.:
Boring Location: 16'N,12'E, N Abutement
Sheet 1 of 3

Project No.: 11-0015
Project: ACHD - Cannonball Road Bridge
Client: Adams County Highway Department
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Boring Log

Rig: CME 55
Location: Quincy, Illinois
Driller: BJS

Depth (ft.)	Description	Qp, T.S.F.	Dry Density, P.C.F.	Depth/Elev.	Number	Type	Blows/ft.	Qu, T.S.F.	Standard Penetration Test blows/ft.	Water Content % (Wp — Wl)
				711.1						
35	Yellow Brown mottled Light Gray Sandy Silty Clay, Trace Gravel, Hard, (CL)	4.50	122.4		7	SS	33	5.57	33	13.3
40	Trace Gravel, Hard, (CL)	4.50			8	SS	28		28	13.9
45	Trace Gravel, Hard, (CL)	4.50	118.7		9	SS	26	4.11	26	14.9
50	Yellow/Reddish Brown mottled Light Gray Sandy Clay, Trace Gravel, Very Stiff, (CH)	4.50		693.6 / 50.0	10	SS	22		22	13.3
55	Yellow Brown mottled Light Brown Sandy Silty Clay, Trace Gravel, Very Stiff, (CL)	4.00	116.0	688.6 / 55.0	11	SS	18	3.73	18	16.1
60	Gray, Very Stiff, (CL)	1.50	116.3		12	SS	14	2.82	14	16.1
65				678.6						

Drill Method: 3 1/4" HSA
Boring Started: 6-17-2011
Boring Completed: 6-17-2011
Tested By: BJS
Logging By: MJH/BJS

GEOTECHNICS
Soil & Material Testing

Groundwater Elev. During Drilling:
Groundwater Elev. @ Comp.:
Groundwater Elev. @ Hrs.:
Boring Location: 16'N,12'E, N Abutement
Sheet 2 of 3

BORING B-1

FILE NAME = O:\11files\110015\25 Plans\Bridge Plans Without Structural Steel\Boring Logs.dgn	USER NAME = bgj	DESIGNED - ADL	REVISED -	ADAMS COUNTY HIGHWAY DEPARTMENT	BORING LOGS S.N. 001-3338	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
	PLOT SCALE = 0.063288 ' / IN.	CHECKED - RJP	REVISED -			1598	11-00218-00-BR	ADAMS	53 / 43
	PLOT DATE = 11/5/2012	DRAWN - RJP	REVISED -					CONTRACT NO. 93590	
		CHECKED - ADL	REVISED -		SHEET NO. 27 OF 29 SHEETS			ILLINOIS FED. AID PROJECT	

Klingner & Associates P.C.