

Bridge Foundation Boring Log

Project: H-10247 Bridge _____ Date: 1/3/2011
 Section: _____ Station _____
 Route: Rincoald Rd Bored by: D. Russell
 County: Gallatin Checked By: T. Holcomb

Boring No: 1
 Station: _____
 Offset: _____

Surface Water Elev. _____
 Ground Water Elev. none
 During Drilling _____
 Upon Completion plugged

Elevation	Z	Cu	tsf	B _f	Elevation	Z	Cu	tsf	B _f
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Ground Surface	100.6	0								silty clay (continued)
Brown Mottled Gray Clayey SILT (A-4)					76.6					
		8	1.15	23	-25		8	2.38	23	Gray Mottled Brown Silty CLAY (A-6) with sand
	96.6				74.1					
Gray Mottled Brown Clayey SILT (A-4) with sand		4	0.95	21			11	2.55	26	Brown Mottled Gray Clayey SILT (A-4)
	94.1				71.6					
Gray Mottled Brown Clayey SILT (A-4)		5	1.35	22	-30		7	1.28	24	Gray Mottled Brown Clayey SILT (A-4) with sand
		3	0.75	26						
					57.1		100			100
		4	1.45	25	-35					Gray Mottled Brown SANDSTONE
	86.6				64.6		100			100
Gray Mottled Brown Clayey SILT (A-4) with sand		6	2.05	25			75			9
					61.6		100			100
		6	1.95	24	-40		75			8
	81.6									
Gray SILT (A-2-4)		6	2.68	19						
	79.1									
Gray-Brown Silty CLAY (A-6)		6	1.48	23						

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
 Qu - Unconfined Compressive Strength in tons/sq.ft.
 w - Water Content - percentage of oven dry weight-%
 B = Bulge Failure
 S = Shear Failure
 E = Estimated Value
 P = Penetrometer

BORING