

Client: ms consultants				Project: FRA-70-8.93				Job No. 0221-1004.01							
LOG OF: Boring B-043-0-08				Location: Sta. 215+73.16, 1.06' LT., BL I-70 WB				Date Drilled: 7/16/2008 to 7/20/2008							
Depth (ft)	Elev. (ft)	Blows per 6"	Recovery	Sample No.		Hand Penetro- meter (tsf)	WATER OBSERVATIONS: Water seepage at: 37.0', 77.0' Water level at completion: 14.4' (includes drilling water) FIELD NOTES: Advanced boring using 3.25" diameter hollowstem augers.	Graphic Log	GRADATION						STANDARD PENETRATION (N60) Natural Moisture Content, % - ● Blows per foot - ○ / Non-Plastic - NP PL 10 20 30 40 LL
				Drive	Press / Core				% Aggregate	% C. Sand	% M. Sand	% F. Sand	% Silt	% Clay	
DESCRIPTION															
55.0	693.1	12 12 21	18	19		4.5+	Dense gray GRAVEL (A-1-a), some fine to coarse sand, trace silt; wet. (GEOLOGIST'S DESCRIPTION - sample lost) @ 50.0'-60.0', difficult drilling, possible boulders. @ 55.0'-60.0', encountered gas pockets.								
60.0	686.1	35 43 50/5	8	20		4.5+	Hard gray SANDY SILT (A-4a), some fine to coarse sand, trace gravel; damp.								
65.0		50/1	1	21		--	@ 63.5', rock blocking sampler. @ 63.5'-70.0', possible cobbles.								
70.0		14 33 36	4	22		4.5+			17	19	--	26	28	10	●
75.0	668.1	17 23 28	18	23		4.5									○