Client: ms consultants | *Project:* FRA-70-8.93 | *Job No.* 0221-1004.01

LOG OF: Boring B-041-0-08 | *Location:* | *Date Drilled:* 6/23/2008 to 6/25/2008

WATER OBSERVATIONS:
Water seepage at: 13.0'-15.5', 52.0'-92.0'
Water level at completion: 37.1' (includes drilling water)

FIELD NOTES:
Advanced boring using 4.0" diameter flush joint casing.

Depth (ft)	Elev. (ft)	Blows per 6"	Recovery	Sample No. Drive	Sample No. Press / Core	Hand Penetro-meter (tsf)	DESCRIPTION	Graphic Log	GRADATION % Aggregate	% C. Sand	% M. Sand	% F. Sand	% Silt	% Clay	STANDARD PENETRATION (N60) Natural Moisture Content, % - ● PL ⊢ LL Blows per foot - ○ / Non-Plastic - NP
	734.7						Hard gray SANDY SILT (A-4a), little gravel; damp to moist.								
		7 23 34	18	12		4.5+									60
30		15 34 42	18	13		4.5+									80
35		10 22 30	18	14		4.5+			12	14	---	19	36	19	55
40		12 30 42	18	15		4.5+									76
45		15 45 31	10	16		4.5+									80
50	709.7	12 28 41	18	17		4.5+									73