DLZ Ohio, Inc. * 6121 Huntley Road, Columbus, Ohio 43229 * (614) 888-0040

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

LOG OF: Boring B-036-0-08 | *Location:* Sta. 206+71.43, 61.17' RT., BL I-70 EB | *Date Drilled:* 7/14/2008 to 7/16/2008

WATER OBSERVATIONS:
Water seepage at: 14.0'
Water level at completion: 11.8' (includes drilling water)

FIELD NOTES:
Advanced boring using 3.25" diameter hollowstem augers.

Depth (ft)	Elev. (ft)	Blows per 6"	Recovery	Sample No. Drive	Sample No. Press / Core	Hand Penetrometer (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 (10 20 30 40)
	684.7						Very dense gray GRAVEL WITH SAND (A-1-b), trace to little silt; wet.								
55		45 50/4	9	21			@ 53.5'-54.3', contains silty clay seams.								50+ ○
60		19 35 45	12	22					30	38	---	21	--11--		NP ● 82 ○
65		33 50/5	11	23			@ 63.5', 1.9 feet sand heave. @ 63.5'-64.4', brown.								50+ ○
70		20 39 50/5	13	24											50+ ○
75	659.7	35 46 50/6	13	25											50+ ○