STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Page 1 of 2

Date 11/25/08

ROUTE FAI 39 DESCRIPTION P92-003-09 Double Box Culvert, I-88 WB Ramp to I-39 NB LOGGED BY W. Garza

SECTION (141-1) M-1 LOCATION Dement Twp. - 29 SE, SEC., TWP. 40N, RNG. 2E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 071-2015
Station 1428+47

BORING NO. B-1
Station 1428+89
Offset 169.00ft Rt
Ground Surface Elev. 792.50 ft

Surface Water Elev. ft
Stream Bed Elev. 787.00 ft

Groundwater Elev.:
First Encounter 785.5 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan SILTY CLAY LOAM				0.9 P	22.0
	790.50				
DENSE tan moist SANDY GRAVEL			11		
			13		
	789.00		18		
DENSE tan clean medium coarse SAND with medium GRAVEL		-5	12		
			16		
	786.50		15		
MEDUM light gray fine SAND	▼		7		
			8		
	784.00		8		
MEDIUM gray clean medium coarse SAND		-10	4		
			4		
			6		
	781.00				
Wash			3		
SOFT gray SILT			6	0.3 P	21.0
	779.00		7		
STIFF gray SILT		-15	3		
			6	1.9 S	22.0
			5		
	776.00				
MEDIUM gray fine SAND			5		
			6		
			8		
	773.50				
STIFF gray SILT		-20	3		
STIFF gray SILT *(continued)*			4	1.2 B	25.0
			5		
	771.00				
VERY LOOSE gray fine SAND			0		
			0		
	769.00		0		
LOOSE gray fine SAND		-25	1		
			2		
	766.50		4		
MEDIUM gray fine SAND			5		
			11		
	764.00		18		
LOOSE gray fine SAND		-30	0		
			2		
	761.50		6		
Wash			2		
LOOSE gray fine SAND			4		
	759.00		5		
LOOSE gray fine SAND		-35	1		
			3		
	756.50		4		
LOOSE gray fine SAND			1		
			4		
	754.00		4		
		-40	2		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

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Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM dark gray clean medium coarse SAND *(continued)*			4		
	751.50		9		
End of Boring		-45			
		-50			
		-55			
		-60			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

DESIGNED	PRD
CHECKED	WAT
DRAWN	CJS
CHECKED	PRD

DLZ Illinois, Inc.
85 W. Algonquin Rd. Ste. 220
Arlington Heights Il 60005

SOIL BORING LOG
STRUCTURE NO. 071-2015

SHEET NO. 4	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SHEETS 4	412	(141-1) M-1	OGLE	82	34
			CONTRACT NO. 64E60		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		