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Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Arden Court, Suite 204
Naperville, Illinois 60563
(630) 355-2838

STRUCTURE FOUNDATION BORING LOG

Project: PTB 158-009, WO# 48 McCormick Blvd Drainage Improvements GSI Job No.: 13144
 Location: 1200' +/- South of McCormick Blvd and Howard St., Skokie, IL Date: 09/26/2013
 County: Cook Bored By: EJ
 Client: GRAEF Checked By: AJP

BORING No.: **B-1**
 Station: ---
 Offset: ---
 Ground Surface Elevation: --- (ft) / 0' (tsf) (k)

Description	Depth (ft)	SPT (blows)	U (tsf)	M (k)	Surface Water Elev.		D (ft)	B (ft)	U (ft)	M (ft)
					WD	AB				
3.0' ASPHALT, 9.0" CRUSHED STONE	0									
CLAY LOAM—dark brown, gray & black—very stiff (Fill)	3		118							
	12	3,898	15							
CLAY LOAM—gray—stiff to very stiff	4		119							
	5	3,68	18							
CLAY—gray—stiff to very stiff	3		118							
	4	1,58	18							
CLAY—gray—stiff to very stiff	2		108							
	3	1,25	26							
CLAY—gray—stiff to very stiff	4		108							
	5	2,658	19							
CLAY—gray—very soft to soft	2		108							
	3	1,02	22							
End Of Boring @ -20.0', Hollow Stem Augers CME Automatic Hammer	1		102							
	0		102							
	-20		0,188	24						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (U)—Blow, S—Strain, P—Penetration, ST—Shelby Tube Sample, V—Vane Shear Test.
 The SPT (blows) is the sum of the last two blow values in each sampling zone (ASTM D1586). The Unit Dry Weight (UDW) is noted in kips above moist (k) or No Recovery.

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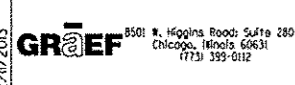
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 Location: 1200' +/- South of McCormick Blvd and Howard St., Skokie, IL Date: 09/26/2013
 County: Cook Bored By: EJ
 Client: GRAEF Checked By: AJP

BORING No.: **B-2**
 Station: ---
 Offset: ---
 Ground Surface Elevation: --- (ft) / 0' (tsf) (k)

Description	Depth (ft)	SPT (blows)	U (tsf)	M (k)	Surface Water Elev.		D (ft)	B (ft)	U (ft)	M (ft)
					WD	AB				
4.0' SANDY TOPSOIL	0									
SAND, GRAVEL, STONE & CONCRETE—dense to very dense (Fill)	28									
	32		5							
SAND, GRAVEL, STONE & CONCRETE—dense to very dense (Fill)	50		5							
	5		5							
SILTY CLAY—dark gray—stiff	4									
	8		1,22	21						
CLAY to CLAY LOAM—brown & gray—very stiff to hard	3		102							
	5	3,278	20							
CLAY—gray—medium stiff to stiff	3		118							
	8	5,218	18							
CLAY—gray—medium stiff to stiff	3		118							
	5	1,58	22							
CLAY—gray—medium stiff to stiff	2		118							
	2		108							
End Of Boring @ -20.0', Hollow Stem Augers CME Automatic Hammer	2		108							
	0		0,20	20						
	-20		0,20	20						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (U)—Blow, S—Strain, P—Penetration, ST—Shelby Tube Sample, V—Vane Shear Test.
 The SPT (blows) is the sum of the last two blow values in each sampling zone (ASTM D1586). The Unit Dry Weight (UDW) is noted in kips above moist (k) or No Recovery.

12/17/2013 12:40:51 PM



USER NAME = 1485	DESIGNED - RS	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - ED	REVISED -
PLOT DATE = 12/11/2013	CHECKED - RS	REVISED -
	DATE - 12/17/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**McCORMICK BLVD - HOWARD STREET TO TOUHY AVENUE
SOIL BORING SITE PLAN AND LOGS**

SCALE: 1"=50' SHEET 1 OF 1 SHEETS STA. 103+00 TO STA. 116+00

F.A.U. RTE. 0378	SECTION 3738-T	COUNTY COOK	TOTAL SHEETS 28	SHEET NO. 22
CONTRACT NO. 60R87				
ILLINOIS FED. AID PROJECT				