

SOIL BORING LOG											
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 800 Amherst Court, Suite 204 Naperville, Illinois 60563 (630) 351-9838				PAGE 1 of 2				DATE 10/21/2011			
ROUTE FAI 94				DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11				LOGGED BY DR			
SECTION 4-1-B-1				LOCATION Newport Township, Sections 17, T 46 N, R 11 E, 3rd PM				GSI JOB No. 10193			
COUNTY Lake				DRILLING METHOD Hollow Stem Auger/Rotary				HAMMER TYPE CME Automatic			
STRUCT. NO. 049-0535				Surface Water Elev. n/a				D B U M			
Station n/a				Stream Bed Elev. n/a				P T O S			
BORING NO. SB-11				Groundwater Elevation: n/a				H W S Qu			
Station 2032+31 II Route 173				First Encounter Dry to 10'				T H S Qu			
Offset 51.3' Left				Upon Completion n/a				H S Qu			
Ground Surface Elev. 737.6				After _____ Hrs.				(ft) / (6") (tsf) (%)			
7.0" ASPHALT 736.9											
CLAY LOAM-brown & gray-very stiff to hard (A-6)											
CLAY-gray-stiff to very stiff (A-6)											
CLAY-gray-stiff to very stiff (A-6)											
CLAY-gray-stiff to very stiff (A-6)											
CLAY-gray-medium stiff (A-6)											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Value Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

SOIL BORING LOG											
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 800 Amherst Court, Suite 204 Naperville, Illinois 60563 (630) 351-9838				PAGE 1 of 2				DATE 10/24/2011			
ROUTE FAI 94				DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11				LOGGED BY DR			
SECTION 4-1-B-1				LOCATION Newport Township, Sections 17, T 46 N, R 11 E, 3rd PM				GSI JOB No. 10193			
COUNTY Lake				DRILLING METHOD Hollow Stem Auger/Rotary				HAMMER TYPE CME Automatic			
STRUCT. NO. 049-0535				Surface Water Elev. n/a				D B U M			
Station n/a				Stream Bed Elev. n/a				P T O S			
BORING NO. SB-12				Groundwater Elevation: n/a				H W S Qu			
Station 2031+22 II Route 173				First Encounter Dry to 10'				T H S Qu			
Offset 54.9' Right				Upon Completion n/a				H S Qu			
Ground Surface Elev. 738.8				After _____ Hrs.				(ft) / (6") (tsf) (%)			
11.0" Clayey SAND & GRAVEL-brown 737.9											
CLAY-gray-stiff to very stiff (A-6)											
CLAY to CLAY LOAM-brown & gray-very stiff to hard (A-6)											
CLAY-gray-medium stiff (A-6)											
CLAY-gray-stiff to very stiff (A-6)											
CLAY-gray-stiff to very stiff (A-6)											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Value Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

SOIL BORING LOG											
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 800 Amherst Court, Suite 204 Naperville, Illinois 60563 (630) 351-9838				PAGE 1 of 2				DATE 10/18/2011			
ROUTE FAI 94				DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11				LOGGED BY DR			
SECTION 4-1-B-1				LOCATION Newport Township, Sections 17, T 46 N, R 11 E, 3rd PM				GSI JOB No. 10193			
COUNTY Lake				DRILLING METHOD Hollow Stem Auger/Rotary				HAMMER TYPE CME Automatic			
STRUCT. NO. 049-0535				Surface Water Elev. n/a				D B U M			
Station n/a				Stream Bed Elev. n/a				P T O S			
BORING NO. SB-13				Groundwater Elevation: n/a				H W S Qu			
Station 2032+00 II Route 173				First Encounter Dry to 10'				T H S Qu			
Offset 58.8' Right				Upon Completion n/a				H S Qu			
Ground Surface Elev. 738.7				After _____ Hrs.				(ft) / (6") (tsf) (%)			
10.0" ASPHALT 737.8											
Silty SAND, GRAVEL & STONE-dense (Fill) 735.7											
CLAY LOAM-brown & gray-stiff to hard (A-6)											
CLAY-gray-stiff to hard (A-6)											
CLAY-gray-stiff to hard (A-6)											
CLAY-gray-stiff to hard (A-6)											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Value Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

SOIL BORING LOG											
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 800 Amherst Court, Suite 204 Naperville, Illinois 60563 (630) 351-9838				PAGE 2 of 2				DATE 10/21/2011			
ROUTE FAI 94				DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11				LOGGED BY DR			
SECTION 4-1-B-1				LOCATION Newport Township, Sections 17, T 46 N, R 11 E, 3rd PM				GSI JOB No. 10193			
COUNTY Lake				DRILLING METHOD Hollow Stem Auger/Rotary				HAMMER TYPE CME Automatic			
STRUCT. NO. 049-0535				Surface Water Elev. n/a				D B U M			
Station n/a				Stream Bed Elev. n/a				P T O S			
BORING NO. SB-11				Groundwater Elevation: n/a				H W S Qu			
Station 2032+31 II Route 173				First Encounter Dry to 10'				T H S Qu			
Offset 51.3' Left				Upon Completion n/a				H S Qu			
Ground Surface Elev. 737.6				After _____ Hrs.				(ft) / (6") (tsf) (%)			
CLAY-gray-medium stiff (A-6)											
CLAY-gray-stiff (A-6)											
SILTY LOAM-gray-medium stiff (A-4)											
CLAY-gray-stiff (A-6)											
CLAY-gray-stiff (A-6)											
CLAY-gray-stiff (A-6)											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Value Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

SOIL BORING LOG											
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 800 Amherst Court, Suite 204 Naperville, Illinois 60563 (630) 351-9838				PAGE 2 of 2				DATE 10/24/2011			
ROUTE FAI 94				DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11				LOGGED BY DR			
SECTION 4-1-B-1				LOCATION Newport Township, Sections 17, T 46 N, R 11 E, 3rd PM				GSI JOB No. 10193			
COUNTY Lake				DRILLING METHOD Hollow Stem Auger/Rotary				HAMMER TYPE CME Automatic			
STRUCT. NO. 049-0535				Surface Water Elev. n/a				D B U M			
Station n/a				Stream Bed Elev. n/a				P T O S			
BORING NO. SB-12				Groundwater Elevation: n/a				H W S Qu			
Station 2031+22 II Route 173				First Encounter Dry to 10'				T H S Qu			
Offset 54.9' Right				Upon Completion n/a				H S Qu			
Ground Surface Elev. 738.8				After _____ Hrs.				(ft) / (6") (tsf) (%)			
CLAY-gray-stiff to very stiff (A-6)											
CLAY-gray-stiff to very stiff (A-6)											
Silt seams from -68.5' to -70.0'.											
CLAY-gray-stiff to very stiff (A-6)											
CLAY-gray-stiff to very stiff (A-6)											
CLAY-gray-stiff to very stiff (A-6)											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Value Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

SOIL BORING LOG											
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 800 Amherst Court, Suite 204 Naperville, Illinois 60563 (630) 351-9838				PAGE 2 of 2				DATE 10/18/2011			
ROUTE FAI 94				DESCRIPTION I-94 Interchange & Bridge Reconstruction, IDOT Job# D-91-019-11				LOGGED BY DR			
SECTION 4-1-B-1				LOCATION Newport Township, Sections 17, T 46 N, R 11 E, 3rd PM				GSI JOB No. 10193			
COUNTY Lake				DRILLING METHOD Hollow Stem Auger/Rotary				HAMMER TYPE CME Automatic			
STRUCT. NO. 049-0535				Surface Water Elev. n/a				D B U M			
Station n/a				Stream Bed Elev. n/a				P T O S			
BORING NO. SB-13				Groundwater Elevation: n/a				H W S Qu			
Station 2032+00 II Route 173				First Encounter Dry to 10'				T H S Qu			
Offset 58.8' Right				Upon Completion n/a				H S Qu			
Ground Surface Elev. 738.7				After _____ Hrs.				(ft) / (6") (tsf) (%)			
CLAY-gray-stiff to hard (A-6)											
CLAY-gray-stiff to hard (A-6)											
CLAY-gray-stiff (A-6) Wet											
CLAY-gray-stiff to hard (A-6)											
CLAY-gray-stiff to hard (A-6)											
CLAY-gray-stiff to hard (A-6)											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Value Shear Test  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)  
NR-No Recovery

6/19/2012 11:02:17 AM

S:\10\05\_CADD\60L77\_IL\_173\60L77\_Sheets\0490535-60L77-036-SB2.dgn

BOWMAN, BARRETT & ASSOCIATES INC. CONSULTING ENGINEERS Chicago, Illinois 312.228.0100 www.bbandatnc.com	USER NAME =	DESIGNED - MRM	DATE - 6/19/2012	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SOIL BORING LOGS II STRUCTURE NO. 049-0535 (BRIDGE NO. 441)	SHEET NO. S-36 OF S-36 SHEETS	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	DRAWN - LAM	REVISED -				94	49-1-R-1	LAKE	677	474
	PLOT DATE =	CHECKED - MRM	REVISED -				CONTRACT NO. 60L77				
	ILLINOIS FED. AID PROJECT										