

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 29 32 SHEETS
FAU 1312	0707-B	Cook	80	63	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-		

Contract # 60B98

Geo Services Inc. Geotechnical, Environmental & Civil Engineering 805 Arden Court, Suite 204 Naperville, Illinois 60563 (630) 351-2238		SOIL BORING LOG		PAGE 1 of 3	
ROUTE FAU 1312		DESCRIPTION IDOT Project No. D-91-065-07, Contract No. 60B98		DATE June 11, 2007	
SECTION 0707-B		LOCATION Evanston Street Bridge over North Shore Channel, Cook County, Illinois		LOGGED BY RH	
COUNTY Cook		DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic		GSI JOB No. 07005	
STRUCT. NO. XX	Station 100+31.5 to 105+70	Surface Water Elev. 587.5	Stream Bed Elev. n/a	D E P T H (ft)	B U L G E (in)
BORING NO. BR-2	Station: 104+49	Groundwater Elevation:	First Encounter n/a	U C S Qu	M O I S T (%)
Offset: 19' Right	Ground Surface Elev. 601.3	Upon Completion n/a	After Hrs.	(ft) (/6") (tsf) (%)	(%)
4.0" ASPHALT, 12.0" CONCRETE	600.0	CLAY-gray-very soft to soft (A-6) Wet			
CRUSHED ASPHALT-dense	598.3	Torvane @ -22.5'	Shear Strength=287psf		
Silt Seams from -3.5' to -5.0'.		Torvane @ -25.0'	Shear Strength=184psf		
CLAY-brown & gray-stiff to very stiff (A-6)		Torvane @ -27.5'	Shear Strength=307psf		
		Torvane @ -30.0'	Shear Strength=563psf		
		CLAY-gray-medium stiff to stiff (A-6)			
		Torvane @ -35.0'	Shear Strength=553psf		
		Torvane @ -17.5'	Shear Strength=553psf		
		CLAY-gray-very soft to soft (A-6) Wet			
		Torvane @ -20.0'	Shear Strength=389psf		

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BORING NO. BR-2	Station: 104+49	Groundwater Elevation:	First Encounter n/a	U C S Qu	M O I S T (%)
Offset: 19' Right	Ground Surface Elev. 601.3	Upon Completion n/a	After Hrs.	(ft) (/6") (tsf) (%)	(%)
		CLAY-gray-medium stiff to stiff (A-6)			
		Torvane @ -45.0'	Shear Strength=471psf		
		CLAY-gray-very stiff to hard (A-6)			
		Torvane @ -50.0'	Shear Strength=1557psf		
		CLAY-gray-medium stiff to stiff (A-6)			
		Torvane @ -55.0'	Shear Strength=1679psf		
		CLAY-gray-very soft to soft (A-6) Wet			
		Torvane @ -60.0'	Shear Strength=1475psf		

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BORING NO. BR-2	Station: 104+49	Groundwater Elevation:	First Encounter n/a	U C S Qu	M O I S T (%)
Offset: 19' Right	Ground Surface Elev. 601.3	Upon Completion n/a	After Hrs.	(ft) (/6") (tsf) (%)	(%)
		CLAY-gray-medium stiff to stiff (A-6)			
		Torvane @ -65.0'	Shear Strength=840psf		
		CLAY-gray-very stiff to hard (A-6)			
		Torvane @ -70.0'	Shear Strength=1720psf		
		CLAY-gray-very stiff to hard (A-6)			
		Torvane @ -75.0'	Shear Strength=1761psf		
		CLAY-gray-very soft to soft (A-6) Wet			
		Torvane @ -80.0'	Shear Strength=1372psf		
		CLAY-gray-very soft to soft (A-6) Wet			
		Torvane @ -80.0'	Shear Strength=1372psf		

DESIGNED	SRT
CHECKED	JJI
DRAWN	JSS
CHECKED	JJI

BL Bollinger, Lach & Associates, Inc.

SOIL BORING LOG BR-2
EMERSON STREET OVER
NORTH SHORE CHANNEL
(PUBLIC BODY OF WATER)
F.A.U. ROUTE 1312 SECTION 0707-B
COOK COUNTY STA. 102+84.62
STRUCTURE NUMBER 016-2858