

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	*	KENDALL	931	647
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO. 5		ILLINOIS FED. AID PROJECT		

*5CS, 13C, 108, 109R



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

ROUTE FAP 326(IL47) DESCRIPTION MAST ARM FOUNDATION AT IL 47 & SPRING STREET IN YORKVILLE LOGGED BY L.M.
SECTION (5CS,13C,108,109)R LOCATION SW 1/4, SEC. 28, TWP. 37N, RNG. 7E, 3rd PM
COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH	BL	UCS	MO	Surface Water Elev.	Stream Bed Elev.	GROUNDWATER ELEV.	DEPTH	BL	UCS	MO
		(m)	(mm)	(kPa)	(%)	m	m	First Encounter	(m)	(mm)	(kPa)	(%)
								Loose to Medium Gray Fine SAND & SILT with an Interbedded 150mm layer of SANDY LOAM TILL (continued)	3		20.0	
								Very Stiff Brown & Gray CLAY LOAM	2	211	22.0	
								Medium Gray SILTY LOAM TILL	7			
								Loose Brown & Gray LOAMY SAND & GRAVEL	3	96	12.0	
								Gray Clean Fine SAND & Medium GRAVEL	6	431	10.0	
								Stiff Brown SILTY CLAY LOAM	4	96	23.0	
								Medium Brown Fine to Coarse SAND	4		19.0	
								Medium Gray Fine to Medium SAND with 25 to 50 mm SILT LAYERS Interbedded	9		18.0	
								WOH	5		22.0	
									7			
									9		20.0	
									10			
									12			
									4.0			

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, form 137 (Rev. 8-99)



Illinois Department of Transportation
Division of Highways
ILLINOIS DOT

SOIL BORING LOG

ROUTE FAP 326(IL47) DESCRIPTION MAST ARM FOUNDATION AT IL 47 & SOMONAUK STREET IN YORKVILLE LOGGED BY L.M.
SECTION (5CS,13C,108,109)R LOCATION SW 1/4, SEC. 28, TWP. 37N, RNG. 7E, 3rd PM
COUNTY KENDALL DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH	BL	UCS	MO	Surface Water Elev.	Stream Bed Elev.	GROUNDWATER ELEV.	DEPTH	BL	UCS	MO
		(m)	(mm)	(kPa)	(%)	m	m	First Encounter	(m)	(mm)	(kPa)	(%)
								Medium Brown Fine SAND & Medium GRAVEL with a 150mm Layer of SANDY LOAM TILL Interbedded (continued)	16		17.0	
								Medium Brown SAND & GRAVEL	5		5.0	
								Medium Gray Fine SAND with SILT & TILL Pieces	5		18.0	
								Medium Brown Fine SAND & Coarse GRAVEL	5		6.0	
								Medium Brown Fine SAND & Medium GRAVEL with a 150mm Layer of SANDY LOAM TILL Interbedded	6		18.0	
									7		19.0	
									9			
									6.0			

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, form 137 (Rev. 8-99)

PLT DATE = 8/11/2011
FILE NAME = h:\1322\design\647\BoringLogs.dgn
PLOT SCALE = 28.0333 IN.
USER NAME = JUSERDESCR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOG FOR
MAST ARM FOUNDATION
IL. 47 (BRIDGE ST.)/
SOMONAUK ST. & SPRING ST.

SCALE: NONE
DATE: MARCH, 2010
DRAWN BY: SL
CHECKED BY: KC