Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 1 of 1
DATE 4/29/2010
LOGGED BY MR
GSI JOB No. 09177

ROUTE FAP 339 (Il. Route 62) DESCRIPTION Il. Route 62 Widening (PTB 153-10) IDOT Job No. D-91-022-10
SECTION 116 Y-1-R-1 LOCATION S 1/2, SEC. 23, TWP. 42N, RNG. 9E, 3rd PM, Barrington Township
COUNTY COOK DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic
STRUCT. NO. –
Station –
BORING NO. **RW-27A**
Station 526+50
Offset 23.0' Left
Ground Surface Elev. *871.2*

Surface Water Elev. *n/a*
Stream Bed Elev. *n/a*
Groundwater Elevation:
First Encounter *n/a*
Upon Completion *n/a*
After ____ Hrs. ____

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Blind Drill To –8.0'							
–5				–25			
863.2							
Vane Shear Test @ –9.0' Shear Strength=1581 psf SILTY CLAY–dark brown & gray– medium stiff (A-6/A-7) Wet							
–10				–30			
860.2	ST	0.5P	42				
End Of Boring @ –11.0 Hollow Stem Augers CME Automatic Hammer							
–15				–35			
–20				–40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer) ST–Shelby Tube Sample VS=Vane 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

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Amherst Court, Suite 204
Naperville, Illinois 60565
(630) 355-2838

SOIL BORING LOG

PAGE 1 of 1
DATE 3/9/2010
LOGGED BY MD
GSI JOB No. 09177

ROUTE FAP 339 (Il. Route 62) DESCRIPTION Il. Route 62 Widening (PTB 153-10) IDOT Job No. D-91-022-10
SECTION 116 Y-1-R-1 LOCATION S 1/2, SEC. 23, TWP. 42N, RNG. 9E, 3rd PM, Barrington Township
COUNTY COOK DRILLING METHOD Hollow Stem Auger/ Rotary HAMMER TYPE CME Automatic
STRUCT. NO. –
Station –
BORING NO. **RW-27B**
Station 526+50
Offset 46.5' Left
Ground Surface Elev. *867.3*

Surface Water Elev. *n/a*
Stream Bed Elev. *n/a*
Groundwater Elevation:
First Encounter *n/a*
Upon Completion *n/a*
After ____ Hrs. ____

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL–black *866.3*	AS	0.5P	32				
SILTY CLAY–brown & gray– very stiff (A-6)	AS	2.25P	23				
–5	AS	2.25P	21	–25			
861.3							
ORGANIC CLAY–dark brown, gray & black–medium stiff (A-7/A-8) Wet	AS	0.75P	40				
–10	AS	0.5P	49	–30			
856.8							
SILTY CLAY–gray– medium stiff (A-6) Wet	AS	0.5P	26				
852.3 –15	AS	0.75P	24	–35			
End Of Boring @ –15.0' Hand Auger							
–20				–40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B–Bulge, S–Shear, P–Penetrometer) ST–Shelby Tube Sample VS=Vane 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