



O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAVIS ST., ARLINGTON HTS., IL 60005
(847)398-1441 • FAX (847) 398-2376

SOIL BORING LOG

PAGE 1 of 1
DATE July 3-16, 2002
LOGGED BY RH
OBA JOB No. 01252

ROUTE xx DESCRIPTION 75th Street and Washington Street Intersection Improvements
SECTION xx LOCATION Naperville, Illinois
COUNTY DuPage DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. xx
Station xx
BORING NO. S-3
Station 251+91.75th Street
Offset 86' Left
Ground Surface Elev. 653.9

DEPTH (ft)	BLOWS (6')	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (6')	UCS (tsf)	MOIST (%)
				Surface Water Elev. n/a Stream Bed Elev. n/a Groundwater Elevation: First Encounter Dry Upon Completion n/a After xx Hrs. xx ft				
				SANDY GRAVELY TOPSOIL (FIII)				
				UNKNOWN OBSTRUCTION-very dense				
				CLAY LOAM-dark brown (A-4/A-6) Wet, Apparent Fill				
				SILTY SAND with GRAVEL-dark brown-loose (A-2-4)				
				CLAYEY SAND with GRAVEL-dark brown-very dense (A-2-6)				
				Run 1 (-15.0' to -20.0') Silurian System, NIAGARAN Series, Racine Formation Dolomite Weathered river wash deposits from -15.0' to -18.0' including cobbles & gravel, becoming light gray with horizontal bedding @ -18.0'. Horizontal fractures @ -18.3', -18.5', -18.8' & -19.3'. Weathered horizontal fracture with thin clay parting @ -19.5'. RECOVERY = 73 % RQD = 8 %				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator) 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 AS-Auger Sample



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SOIL BORING LOG

PAGE 1 of 1
DATE July 9, 2002
LOGGED BY RH
OBA JOB No. 01252

ROUTE xx DESCRIPTION 75th Street and Washington Street Intersection Improvements
SECTION xx LOCATION Naperville, Illinois
COUNTY DuPage DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. xx
Station xx
BORING NO. S-4
Station 252+54 75th Street
Offset 47' Right
Ground Surface Elev. 660.8

DEPTH (ft)	BLOWS (6')	UCS (tsf)	MOIST (%)	DESCRIPTION	DEPTH (ft)	BLOWS (6')	UCS (tsf)	MOIST (%)
				Surface Water Elev. n/a Stream Bed Elev. n/a Groundwater Elevation: First Encounter 649.5 Upon Completion n/a After xx Hrs. xx ft				
				TOPSOIL-black-Wet (FIII)				
				ORGANIC CLAY-dark brown to black-Wet (A-7)				
				SAND and FRACTURED STONE-brown-loose to dense (A-1-a)				
				Run 1 (-14.0' to -18.0') Silurian System NIAGARAN Series Racine Formation Dolomite Shelf Highly Weathered & fractured throughout with gravel seams & weathered river wash RECOVERY = 100 % RQD = 12 %				
				Run 2 (-18.0' to -22.0') Silurian System NIAGARAN Series Racine Formation Dolomite Shelf Highly Weathered & fractured throughout				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator) 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

REVISIONS	
NAME	DATE

BORING LOGS - II

75th STREET OVER THE
WEST BRANCH OF THE DUPAGE RIVER
FAP 369
SECTION 00-00114-00-PV STA. 151+38.03
DUPAGE COUNTY
S.N. 022-3118

TYLIN INTERNATIONAL

DESIGNED	- TB
CHECKED	- SP
DRAWN	- TB
CHECKED	- SP