



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 2, 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-1
Station 250+45 75th Street
Offset 58' Left
Ground Surface Elev. 663.8

DEPTH (ft)	BLOW COUNT (N)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPT (ft)	BLOW COUNT (N)	UCS (tsf)	MOISTURE (%)
Surface Water Elev. n/a								
Stream Bed Elev. n/a								
Groundwater Elevation:								
First Encounter Upon Completion 649.5								
Upon Completion n/a								
After xx Hrs. n/a								
RECOVERY = 100 % ROD = 68 %								
Run 2 (-21.0' to -26.0') Silurian System, NIAGARAN Series, Racine Formation Dolomite Light gray & fine grained with horizontal bedding. Horizontal fractures @ -21.6, -22.9, -23.6, -23.7 & -25.4								
ROCK CORE RUN1								
RECOVERY = 100 % ROD = 98 %								
Run 2 (-23.5' to -28.5') Silurian System, NIAGARAN Series, Racine Formation Dolomite Lightly weathered with rust staining to -24.8'. Horizontal fractures @ -24.2', -24.5' & -25.5'. Horizontal fracture zone from -26.3' to -26.5'. Horizontal fractures at -27.0', -27.2' & -27.5'.								
ROCK CORE RUN2								
RECOVERY = 100 % ROD = 88 %								
Run 1 (-18.0' to -23.5') Silurian System, NIAGARAN Series, Racine Formation Dolomite Lightly weathered with rust staining								
ROCK CORE RUN1								

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 AS-Auger Sample AS-Auger Sample



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PAGE 1 of 1
DATE July 1-2, 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-2
Station 250+88 75th Street
Offset 40' Right
Ground Surface Elev. 663.4

DEPTH (ft)	BLOW COUNT (N)	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPT (ft)	BLOW COUNT (N)	UCS (tsf)	MOISTURE (%)
Surface Water Elev. n/a								
Stream Bed Elev. n/a								
Groundwater Elevation:								
First Encounter Upon Completion 649.1								
Upon Completion n/a								
After xx Hrs. xx ft								
RECOVERY = 100 % ROD = 86 %								
throughout. Fine grained with horizontal bedding. Horizontal fractures @ -18.4' & -19.2'. Vertical fracture from -19.2' to -20.0'. Horizontal fractures @ -20.9', -21.5', -21.9' & -23.0'.								
ROCK CORE RUN1								
RECOVERY = 100 % ROD = 86 %								
Run 2 (-23.5' to -28.5') Silurian System, NIAGARAN Series, Racine Formation Dolomite Lightly weathered with rust staining to -24.8'. Horizontal fractures @ -24.2', -24.5' & -25.5'. Horizontal fracture zone from -26.3' to -26.5'. Horizontal fractures at -27.0', -27.2' & -27.5'.								
ROCK CORE RUN2								
RECOVERY = 100 % ROD = 88 %								
Run 1 (-18.0' to -23.5') Silurian System, NIAGARAN Series, Racine Formation Dolomite Lightly weathered with rust staining								
ROCK CORE RUN1								

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

TYL INTERNATIONAL

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

REVISIONS	
NAME	DATE

BORING LOGS -- I

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