

PATRICK ENGINEERING INC.
 BORING NUMBER B-1-09 SHEET 1 OF 2
 CLIENT DuPage County DOT
 PROJECT & NO. 75th Street Bridge over DuPage River 20950.013
 LOCATION Woodridge, IL
 LOGGED BY AFG
 GROUND ELEVATION

ELEV.	DEPTH (FT)	STRATA	SOIL/ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT) RECOVERY(IN)	BLOW COUNTS	Water Content					NOTES & TEST RESULTS
						PL	Unconfined Compressive Strength (TSF) *			LL	
0.0	0.0		Topsoil, roots, moist								
1.0	1.0		Dark brown silty clay, trace roots, mottled, moist	SS-1 1.0-2.5 12"R	2 4 5						
			Grades to some fine to coarse sand								
			3" cobble, fine to coarse sand	SS-2 3.5-5.0 4"R	12 20 12						
5.0	5.0		Brown fine to coarse sand, cobbles, medium dense, saturated								
6.0	6.0			SS-3 6.0-7.5 12"R	11 8 9						Medium auger vibration % Gravel=44.7 % Sand=39.4 % Clay=15.9 % Moisture=22
8.0	8.0		Dark gray silty clay, medium stiff, moist								
9.3	9.3		Dark gray silty fine to coarse sand, cobbles, medium dense, saturated	SS-4 8.5-10.0 12"R	4 9 10						qu=0.75*tsf
11.5	11.5		Dark gray clayey silt, medium dense, wet	SS-5 11.0-12.5 12"R	10 5 6						
13.0	13.0		Limestone fragments								
14.0	14.0		Auger refusal at 14.0' Begin core run #1 at 14.0'	SS-6 13.5-15.0 0.5"R	50/1'						RC-1: 14.0'-23.0' 108"R RQD=16%
			White/gray dolomite laminated, slightly weathered irregular chert nodules throughout, natural breaks along bedding planes, vertical fracture from 14.0'-14.2', sub-vertical fracture from 15.2'-15.3', minor pyrite in voids and fractures, chert is light gray, also areas of white dolomite within darker dolomite								

DRILLING CONTRACTOR Groff Testing Corporation
 DRILLING METHOD 3.25" I.D. HSA
 DRILLING EQUIPMENT CME ATV
 DRILLING STARTED 12/3/09 ENDED 12/3/09

REMARKS
 Borehole backfilled with bentonite chips.

WATER LEVEL (ft.)
 6.0 During drilling

PATRICK ENGINEERING INC.
 BORING NUMBER B-1-09 SHEET 2 OF 2
 CLIENT DuPage County DOT
 PROJECT & NO. 75th Street Bridge over DuPage River 20950.013
 LOCATION Woodridge, IL
 LOGGED BY AFG
 GROUND ELEVATION

ELEV.	DEPTH (FT)	STRATA	SOIL/ROCK DESCRIPTION	SAMPLE TYPE & NO. DEPTH (FT) RECOVERY(IN)	BLOW COUNTS	Water Content					NOTES & TEST RESULTS
						PL	Unconfined Compressive Strength (TSF) *			LL	
20.0	20.0										
23.0	23.0		Gray dolomite, laminated, vuggy, chert nodules from 24.8'-25.2', 27.5'-29.0', iron staining from 24.0'-24.6', sub-vertical fractures from 26.5'-26.6' and 27.3'-27.4'	RC-2 23.0-29.0 72"R							RQD=87%
29.0	29.0		End of Boring at 29.0'								

DRILLING CONTRACTOR Groff Testing Corporation
 DRILLING METHOD 3.25" I.D. HSA
 DRILLING EQUIPMENT CME ATV
 DRILLING STARTED 12/3/09 ENDED 12/3/09

REMARKS
 Borehole backfilled with bentonite chips.

WATER LEVEL (ft.)
 6.0 During drilling