BORING LOG RW-80

Geo Services, Inc.
Geotechnical, Environmental & Civil Engineering
805 Aurora Court, Suite 204
Naperville, Illinois 60563
(630) 355-7838

SOIL BORING LOG

PAGE 1 of 1
DATE 4/23/2012
LOGGED BY RJ
GSI JOB No. 09173

ROUTE IL Route 59 (FAP 338) DESCRIPTION Illinois Route 59–Aurora Avenue/New York Street To Ferry Road
SECTION (112 & 113) WRS-5 LOCATION SEC. 3, 9–10, 15–16, 21–22 TWP. 38N, RNG. 9E, Naperville Township
COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic
STRUCT. NO. 022-W063
Station: 4050+44.90 to 4051+35.02
BORING NO. **RW-80**
Station: 4050+42 IL RTE-59
Offset: 116.4' Left
Ground Surface Elev. 702.9

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 692.9 ▼
Upon Completion ▽
After ___ Hrs. ▽

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
0	AS	–	26	4.0" TOPSOIL–dark brown to black 702.5
	3		99	
	4			
–5	5	1.60	26	SILTY CLAY–dark brown & gray–stiff (A–6) Wet
	2		97	
	3			697.4
	3	1.48	26	
	3		113	CLAY–brown & gray–very stiff (A–6)
	4			
	5	2.25B	18	694.9
	6			
	11			
–10 ▼	11	NP	17	SILTY LOAM–brown & gray–medium dense (A–4)
	6			
	11			689.9
	12	NP	16	
	3		120	
	4			
–15	6	2.88	15	CLAY–gray–very stiff (A–6)
	4		112	
	5			
	7	2.58	19	
	4		110	
–20	5			
	6	3.58	20	

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
				CLAY–gray–very stiff (A–6) 682.4
	3		130	
	4			
	6	2.78	11	CLAY LOAM–gray–very stiff to hard (A–6)
	6			
	9			
–25	12	4.0P	11	
	7		130	
	10			
	14	5.0B	10	674.9
	16			
	13			
–30	14	NP	19	SAND–gray–medium dense to dense (A–3)
	10			
	14			
	18	NP	14	667.9 –35
				End Of Boring @ –35.0' Hollow Stem Augers CME Automatic Hammer
–40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (U)–bulge, (S)–shear, (P)–pocketometer) 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

BORING LOG RW-81

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COUNTY DuPage DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic
STRUCT. NO. 022-W063
Station: 4050+44.90 to 4051+35.02
BORING NO. **RW-81**
Station: 4051+25 IL RTE-59
Offset: 132.9' Left
Ground Surface Elev. 704.4

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 694.4 ▼
Upon Completion ▽
After ___ Hrs. ▽

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
0	AS	–	28	6.0" TOPSOIL–black 703.9
	7			
	8			SILTY CLAY LOAM–brown & gray–medium dense (A–4)
	7	–	12	
	5		112	701.4
	6			CLAY–brown & gray–very stiff (A–6)
–5	7	2.38	19	
	5			698.9
	8			SANDY LOAM–brown–medium dense (A–2)
	10	NP	18	696.4
	8			SAND & GRAVEL–brown–medium dense (A–1)
–10 ▼	11	NP	15	693.9
	5		117	CLAY–gray–stiff to very stiff (A–6)
	7			
	8	2.48	16	
	6		116	
	8			
–15	9	1.98	17	
	4		108	
	4			
	7	2.28	21	
	3		106	
–20	4			
	5	1.68	21	

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	
	6			CLAY–gray–stiff to very stiff (A–6)
	8			
	10	3.75P	18	681.4
	7			CLAY LOAM–gray–hard (A–6)
	9			
–25	11	4.0P	11	
	11		133	
	13			
	15	5.0B	10	676.4
	12			SAND & GRAVEL–gray–dense (A–1)
	16			
–30	18	NP	6	672.4
	13			SAND–gray–dense (A–3)
	15			
	18	NP	20	669.4 –35
				End Of Boring @ –35.0' Hollow Stem Augers CME Automatic Hammer
–40				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (U)–bulge, (S)–shear, (P)–pocketometer) 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

SOIL BORING LOGS
SN 022-W063

FILE NAME = ...\68131-W063-B24-Boring Logs.dgn

USER NAME = SAW	DESIGNED - LAS	REVISED -	
	CHECKED - DAZ	REVISED -	
PLOT SCALE = 2.00 ' / IN.	DRAWN - SAW	REVISED -	
PLOT DATE = 10/9/2012	CHECKED - JLA	REVISED -	

ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NUMBER 022-W063
SHEET NO. 58-4 OF 58-4 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-5	DUPAGE	963	651
		CONTRACT NO. 60131		
	ILLINOIS FED. AID PROJECT			