

SOIL BORING LOG

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Illinois Departm	ent of Transportation								Date	9/1	7/13
ROUTE FA 59	9 DE	ESCR	IPTIO	(Cer	147 C	C60-026-14 Sign Truss on IL 92 S al Expressway), .1 m. N. of 31st A	B /enue L	ogg			
SECTION (1 & 2) SG LOCATION _S. Rock Island Twp 10NW, SEC. , TWP. 17N, RNG. 2W											
COUNTY Rock Island	d DRILLIN	G ME	THOD		Но	llow Stem Auger HAMME	R TYPE	_C	ME-45	Auton	natic
STRUCT. NO. 1 Station 41 BORING NO. B Station 411 Offset 0.00ft Ground Surface Elev.	+29 on CL 564.6 ft	D E P T H	B L O W S	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter 550. Upon Completion Was After Hrs.	ft 1_ ft ▼ h_ ft		B L O W S	U C S Qu (tsf)	M O I S T
MEDIUM brown SANDY I	_OAM	_		0.5	14	LOOSE gray dirty fine SAND (continued)		_	0		26
				P	17		543.10		0		
MEDIUM tan fine SAND	562.10 561.10		8 11 16			VERY LOOSE gray medium SANDY GRAVEL	541.10	-	2 2 2		
VERY DENSE tan fine SA	AND		14			Mach					
VERY BENGE tall life of	558.60	5	25 26		,	Wash MEDIUM gray clean medium coarse SAND	538.60	-25	6 6 9		
VERY DENSE tan fine SA SILT lens	ND with		15 23 34			LOOSE gray clean medium coarse SAND		_	11 5 5	_	
							535.60				
DENSE tan fine SAND		10	18 25 24			Wash MEDIUM gray CLAY	533.60	-30	2 4 5	0.9 P	36
	553.10	_					,				
STIFF tan SILT with fine S		-	13 16 22	1.3 P	15	Wash STIFF gray CLAY	531.10		3 3 6	1.3 S	33
DENOE II II	550.60	V					,				
DENSE light gray fine SA	ND	15	16 18 16			STIFF gray CLAY	528.60	-35	3 6	1.2 S	34
	548.10					End of Boring		-			
STIFF gray LOAM	546.10		1 2 3	1.2 B	27						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



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Date 9/19/13

SECTION (1 & 2) SG			LOCA	ATION	S. F	Rock Island Twp 10NW, SEC. , TV	/P. 17N,	RNG	6. 2W		
COUNTY Rock Island D	RILLING	ME	THOD		Но	llow Stem Auger HAMMER	TYPE	CN	ИЕ-45	Auton	natio
STRUCT. NO. 147 Station 411+00 BORING NO. B-2		D E P		U C S	M O I S	Surface Water Elev Stream Bed Elev	_ ft _ ft	Р	L	U C S	M O I
Station 411+16 Offset 65.00ft Rt CL Ground Surface Elev. 566.1		Н	S		Т	Groundwater Elev.: First Encounter	ft	Н		Qu (tsf)	S T (%
12" Asphalt Shoulder		, ,	()	(33.7)	(70)	STIFF dark gray CLAY LOAM	_ π	(11)	2	1.2	30
		_				(continued)	545.10		3	В	
MEDIUM tan fine SAND	564.10	_									
MEDION (all line SAND	5 Wash 6 MEDIUM gray SANI	Wash MEDIUM gray SANDY LOAM		_	0	0.6	11				
	562.60			542.60		7	P				
DENSE tan fine SAND		-5	10			Wash No Recovery		-25			
	560.10	-	12 20			No Recovery		\dashv	0 2		
	000.10						539.60		_		
MEDIUM tan fine SAND			12			LOOSE/MEDIUM light gray			3		
			14 9			SANDY GRAVEL			3 7		
	557.60		9				537.10	-	/		
MEDIUM tan fine SAND		-10	10			Wash			2		
			15			STIFF gray CLAY with 11%		-30	2	1.1	4
	555.10		10			ORGANICS	535.10		3	Р	
UEDUNA. 6 AND											
MEDIUM tan fine SAND		-	10 15			STIFF gray CLAY		-	1 2	1.1	34
	552.60		14				532.60		3	S	
	-							-			
DENSE tan clean medium coarse moist SAND		-15	9			STIFF gray CLAY with 12% ORGANICS		-35	1	4.0	
110.01.07.1115	550.10	-	13 18			ORGANICS	530.10	-	2	1.2 S	43
	300.10					End of Boring	330.10	\exists			
MEDIUM light gray clean medium	2	Y	8				-				
coarse SAND			8								
	547.10	+	10	-				4			
	J-11.10	\neg						\neg			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

ENGINEERING GROUP, LLC, COMSULTING & DESIGN INSPECTION & RATING RESEARCH & TESTING	4415 WEST HARRISON ST. SUITE 231 HILLSIDE, IL 60162 PHONE2 (708) 236-0900 FAX1 (708) 236-0901

LOOSE gray dirty fine SAND

	USER NAME =	DESIGNED - JMG	REVISED -
		CHECKED - JJS	REVISED -
	PLOT SCALE =	DRAWN - AI	REVISED -
	PLOT DATE = 3/12/2014	CHECKED - MAI	REVISED -
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