<u>RW-03A</u>

		_		, ,		21210 100					
		S	Ol	LE	SOF	RING LOG		/29/2010			
							LOGGED E	BY MR			
							GSI JOB I	No. <u>09177</u>			
ROUTE FAP 339 (II. Route 62)	DES	CRIP	TION	II. R	oute	62 Widening (PTB 153	5-10) IDOT Job N	lo. D-91-022-10			
SECTION 116 Y-1-R-1	LOC	LOCATION S 1/2, SEC. 23, TWP. 42N, RNG. 9E, 3rd PM, Barrington Township									
COUNTY COOK	DRII	LLING	MET	HOD .	Hollo	w Stem Auger	HAMMER TYPE	CME Automatic			
STRUCT. NO Station		D	B L	UC	M O	Surface Water Elev. Stream Bed Elev.	_n/a _n/a	D B U M E L C O			
BORING NO. RW-03A Station 498+50	_	P	0 W S	Qu Qu	S	Groundwater Elevation First Encounter	n/a	P 0 S 1 T W S H S Qu T			
Offset 13.0' Left		(61)	(/0")	(tsf)	(04)	Upon Completion	n/a	(ft) (/6") (tsf) (%)			
Ground Surface Elev	<u>i. 1</u>	100	(/6)	(tsi)	(/0)	After Hrs.		(11) (/6) ((S1) (%)			
								-			
Blind Drill To -8.0'											
		_						-			
		5						-25			
	858.	1						100 April 100 Ap			
SILTY CLAY-black-											
medium stiff (A-7) Wet											
Vane Shear Test @ -11.0'		10	ST	0.5P	36			-30			
Shear Strength=938 psf								***************************************			
		_						-			
	853.6	3									
Fibrous PEAT— dark brown to black (A-8)											
,		4.5		0.050				7.5			
Vane Shear Test ◎ -16.0'			51	0.25P	58			-35			
Shear Strength=451 psf End Of Boring @ -16.0	850.	1									
Hollow Stem Augers CME Automatic Hammer											
		_									
		-20						-40			

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

<u>RW-03B</u>

		GE _1 of _1
	SOIL BORING LOG DA	TE <u>5/11/2010</u>
	LOC	GGED BY MR
	GSI	JOB No. <u>09177</u>
ROUTE FAP 339 (II. Route 62) DE	CRIPTION II. Route 62 Widening (PTB 153-10) IDOT	Job No. D-91-022-10
SECTION 116 Y-1-R-1 LC	ATION S 1/2, SEC. 23, TWP. 42N, RNG. 9E, 3rd P	M, Barrington Township
COUNTY COOK DE	LING METHOD <u>Hand Auger</u> HAMMER T	YPE CME Automatic
STRUCT. NO	Surface Water Elev. <u>n/a</u>	
Station	D B U M Stream Bed Elev. n/a	
BORING NO. RW-03B	P O S I Groundwater Elevation:	P O S I
Station 498+50 Offset 39.5' Left	H S Qu T First Encounter n/a Upon Completion n/a	
Ground Surface Elev. 861.0	(ft) (/6") (tsf) (%) After Hrs.	
	AS 0.5P 49	
	AS <0.25P 69	
ORGANIC CLAY- dark brown & black-		
soft to medium stiff (A-8) Wet	-5 AS 0.75P 42	-25
	_	_
	WHI THE REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY ADDRESS OF THE PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE P	
	AS 0.5P 55	
		www.
		
	-10 AS 0.5P 50	-30
	_	_
	AS 0.5P 36	
846	1 -15 AS 0.5P 53	-35
End Of Boring @ -15.0 Hand Auger		
nana Aagei		. —
	-20	-40

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

<u>RW-04</u>

					PAGF :	1 0	ıf 1	
	S	OII	L E	3OF	-	1/8/2010		
						BY MR		
						No091		
ROUTE FAP 339 (II. Route 62)	DESCRIPT	поп	II. R	oute	62 Widening (PTB 153-10) IDOT Job			0
					. 23, TWP. 42N, RNG. 9E, 3rd PM, B			
					w Stem Auger/ Rotary HAMMER TYPE			
STRUCT. NO				1	Surface Water Elevn/a			T
Station	D E	B	U	M	Stream Bed Elev. n/a		B U	M
BORING NO. RW-04	P	O W	Š	i i	Groundwater Elevation:	P	0 8	1
Station 499+25	H	S	Qu	S T	First Encounter 860.0	. н	W S Qu	S
Offset 11.0' Left Ground Surface Elev. 863.0	(ft)	(/6")	(tsf)	(%)	Upon Completion <u>n/a</u> After Hrs.	(#)	/6") (tsf	1/2
		,,,,	(101)	(/5/	Arter nrs.		10 1 (131)	+ -
8.0" ASPHALT, 2.0" CRUSHED STONE, 6.0" CONCRETE								
86	61.6						3	10
		AS	_	15			6 8 1.9B	20
		710					0 1.30	120
CLAY LOAM-dark brown-				l		-		
stiff (A-6) Fill		2		101			6	10
	5		1.0B	21	CLAY-gray-stiff to very stiff (A-6)		8 1.78	20
		3					4	10.
86	56.0	3					7	10.
TODCOU FILE-I		5		47		+	10 2.3E	24
TOPSOIL-black	54.5							
		1		75			3	10
SILTY CLAY-dark gray & black- medium stiff (A-7) Wet	-10	2	0.78	40		-30	4 7 3.1B	23
	52.5		0.78	42		-30	7 3.18	123
Woody PEAT-dark brown (A-8)		2				-		+
88	50.5	2	_	167				
SILTY CLAY-gray-soft (A-6)		2		113			4	10
		2					6	
	15	3	0.3B	18		35	10 2.48	24
0						\dashv		
84	47.5						1	
84	47.5	2		102				-
	47.5	3	1 00			+		
			1.28	102 21		_		
B4 CLAY-gray-stiff to very stiff (A-6)		3	1.28	21	End Of Boring © -40.0			
		3	1.2B	21			5	110

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

	::: Primera
ı	188 S. WACKER DROVE SUITE 788 . CHICAGO IL 68686 . P.312-686-8900 F.312-686-8415

 USER NAME =	DESIGNED - JPM	REVISED -
	CHECKED - JXH	REVISED -
PLOT SCALE =	DRAWN - JPM	REVISED -
PLOT DATE =	CHECKED - JXH/TPG	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SC Struct	IL BO				994
SHEET	NO. S6	OF	S8	SHEETS	

	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	339	116 Y-1-R-1	COOK	122	63
_			CONTRACT	NO. (60135
		ILLINOIS FED. A	ID PROJECT		