CONTRACT	NO.	60019	l
00111111101	110	00013	ı

DC19	FAP RTE.	SECTION	SECTION (		TOTAL SHEETS	SHEET NO
	338	114 BY-F	₹-1	WILL	139	92
	STA.		то	STA.		Parva manus
	FED. R	DAD DIST. NO.	ILLINOIS	FED, A	ID PROJECT	

Station N/A  BERNING NO. B—7  Station 3210+49  Offset 42' L  Ground Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic First Encounter waa you for waa you for the station of the station o							PAGE 1		of <u>1</u>		
SOIL BOHING   LOGED BY RU   GSI JOB No.   D219							DATE _Janu	ary 8	200	3	
Country   Mill	805 Amherst Court, Suite 204	SC	ЭIL	. B	OF	RING LOG	LOGGED BY	RJ			
DORGANIC CLAY-black (A-7)	(630) 305-9186						GSI JOB No.	02	219		
DRILLING METHOD   3.25"   Hollow Stem Auger   HAMMER TYPE   CME Automatic	ROUTE <u>IL-59</u> DE	SCRIP	NOIT	<u>IL-5</u>	9 (C	anton Farm Rd. to IL-126)					
Stration No.	TWNSHP N/A LO	CATIO	ч <u>w</u>	ill Cou	unty,	Illinois					
Station N/A  BERNING NO. B—7  Station 3210+49  Offset 42' L  Ground Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic Surface Elev. 579.3 (ft) /6" (tsf) (%)  ORGANIC CLAY-black (A-7)  The station 3210+49  Organic First Encounter waa you for waa you for the station of the station o	COUNTY WILL DR	ILLING	MET	HOD .	3.25	5" Hollow Stem Auger HAMM	ER TYPE <u>CM</u>	E Aut	tomat	ic	
Station   32(10+49   Cordinate   March   Mar	STRUCT, NO. N/A	D	В	Ų	М			D	В	Ų	
Station   32(10+49   Cordinate   March   Mar		Ē	O.	Š				P	Ö	S	0
Offset         42' L         Upon         Completion         xa         ✓ <td></td> <td>H</td> <td>Š</td> <td>Qu</td> <td>Ť</td> <td></td> <td>▼</td> <td>Ĥ</td> <td>š</td> <td>Out</td> <td>Ť</td>		H	Š	Qu	Ť		▼	Ĥ	š	Out	Ť
RUN 1 continued.   RUN 1	Offset 42' L	1					$\Box$				
1	Ground Surface Elev. 579.3	(ft)	(/6")	(tsf)	(%)		<u> </u>	(ft)			(%)
1			1			RUN 1 continued.			RU	IM	1
1	ORGANIC CLAY-black (A-7)		1								
Silurian System, Niagran Series Dolomite   CORE			1				clay to				
2		_	1.1		33		es Dolomite		R		K
SILTY CLAY LOAM— gray-very stiff (A-6) Wet						Light gray with horizontal be	dding. Slightly			JK.	E
SILTY CLAY LOAM   SILTY CLAY LOAM   SILTY						pyrite replacement. Horizonta	l fractures @		KU	N	2
SILTY LOAM-gray-medium dense (A-4)   Silvand dense (A-6)   Silva	SILTY CLAY LOAM-	-5	4	3.75P	26			-25			
SILTY LOAM-gray-medium dense (A-4)	gray-very stiff (A-6) Wet					fractures from -24.4' to -2	5.6'.				
12			_				= 24.0%				
Sandy Clay Loam with Fractured Rock	AND THE PARTY OF T					Silurian System, Niagran Seri	es Dolomite				
Description	SILTY LOAMgray	_	10	NP	23	Light gray with horizontal be	ddina. Sliahtly	,	R(	DC	K
Sandy Clay Loam with Fractured Rock	medium dense (A-4)	***************************************				porous & weathered through	out.		C	DR	E
RECOVERY = 55%   R.Q.D. = 20.0%   SANDY CLAY LOAM with FRACTURED ROCK			5			Large clay parting from -27.	6' to -28.0'.		RU	Ν	3
SANDY CLAY LOAM with FRACTURED ROCK—  gray—medium dense to very dense (A-6)  10  NP  10  Rotary Drilling to Completion CME Automatic Hammer  18  12  -15  35  NP  15  RUN 1 (16.0' to 21.0')  Fractured/weathered rock & clay.  RECOVERY = 100.0%  RECOVERY = 100.0%  RUN 1  RECOVERY = 100.0%		_	1	1		RECOVERY = 55%		_			
Hollow Stem Augers to -16.0'   Rotary Drilling to Completion   CME Automatic Hammer   Run 1 (16.0' to 21.0')   Recovery = 100.0%   R.Q.D. = n/a   RUN 1   Run		-10		NP	10	R.Q.D. = 20.0%		-30			
Hollow Stem Augers to -16.0'   Rotary Drilling to Completion   CME Automatic Hammer   Run 1 (16.0' to 21.0')   Recovery = 100.0%   R.Q.D. = n/a   RUN 1   Run											,
10 NP 10   Rotary Drilling to Completion CME Automatic Hammer							,	_			<u> </u>
RUN 1 (16.0' to 21.0') Fractured/weathered rock & clay.  RECOVERY = 100.0%  R.Q.D. = n/a  RUN 1 (ME Automatic Hammer	gray-medium dense to very dense (A-6)	'	1	NP	10	Rotary Drilling to Completion					
12						CME Automatic Hammer					
12			10								
-15 35 NP 15 -35 NP 15 N			1						-		-
ROCK   RECOVERY = 100.0%   ROCK   R		-15	1	NP	15			-35			
ROCK   RECOVERY = 100.0%   ROCK   R											
RECOVERY = 100.0%  CORE R.Q.D. = n/a	RUN 1 (16.0' to 21.0')			L	L						
RECOVERY = 100.0% R.Q.D. = n/a	Fractured/weathered rock & clay.		R	00	K						
RUN I	RECOVERY = 100.0%		ŀĉ	ŎŘ	Ë			_			
	R.Q.D. = n/a		RĬ	ĴΝ̈̀	1						
-20					•						-
		-20						-40			

The Unconfined Compressive Strenght (UCS) Failure Mode is indicated by (B-Bulge, S-Sheor, P-Penetrameter) ST-Sheby Tube Sample

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 (%)

The Unit Dry Weight (pcf) is noted in italics above moist (%)

The Unit Dry Weight (pcf) is noted in italics above moist (%)

The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

DESCRIPTION <u>IL-</u> : LOCATION <u>Will Co</u> CORING METHOD CORING BARREL T Core Diameter	unty, Illinois Rotary Wash YPE & SIZE 2.0 in	orm Rd. to IL-126	LO GS	GGED I JOE	BY No.	RJ		)3	
DESCRIPTION IL—: LOCATION WIII CO CORING METHOD CORING BARREL T CORE Diameter	59 (Canton Founty, Illinois Rotary Wash YPE & SIZE 2.0 in	orm Rd. to IL-126	GS )	I JOE	No.				
LOCATION WILL CO CORING METHOD CORING BARREL T Core Diameter	unty, Illinois Rotary Wash YPE & SIZE 2.0 in		)			_02	219		
LOCATION WILL CO CORING METHOD CORING BARREL T Core Diameter	unty, Illinois Rotary Wash YPE & SIZE 2.0 in							***	
CORING METHOD  CORING BARREL T  Core Diameter	Rotary Wash YPE & SIZE 2.0 in		-5.0ft	Ω					
_ CORING BARREL T	YPE & SIZE		-5.0ft	D					
Core Diameter	2.0 in	NX Double Swivel-	-5.0ft	υ					
Top of Rock Elev.	. 559.7			DEPT	CORE	< З М М М М М М М М М М М М М М М М М М	Ŗ	CORE	SHREZGHE
Begin Core Elev.				Ĥ	R	Š	Ď	M E	ZG
	566.6				N	Ϋ́		E	H
3				(ft)	(#)	(%)	(%)	(min /ft)	(tsf
				16	1	100	n/a		n/c
			CONTRACTOR OF THE PARTY OF THE						
			_						
									i
				21	2	100	24	4	n/a
		d vertical fracture							
			-10	26	.3	55	20	4	n/a
nite				20	•			<u>'</u>	"
e clay parting from	-27.6' to -1	28.0'.							
									ĺ
			-						
			-15					L	L
	nite lightly porous & wed es @ -23.2' & -24 from -24.4' to -2 nite ightly porous & wed	nite  iightly porous & weathered througes @ -23.2' & -24.0'. Weathered from -24.4' to -25.6'.	nite lightly porous & weathered throughout with some es @ -23.2' & -24.0'. Weathered vertical fracture from -24.4' to -25.6'.	nite  -5  -5  -ightly porous & weathered throughout with some es @ -23.2' & -24.0'. Weathered vertical fracture from -24.4' to -25.6'.  -10  -ite	nite	16   1	nite		16   1   100 n/a   n/a

DWG. S-33 of 34

REVISIONS		ILLINOIS DEP	ARTMENT OF TR	ANSPORTATION
NAME	DATE	S	OIL BORING LO	ss
		ILLINOIS ROU	JTE 59 OVER D	uPAGE RIVER
		FAP ROUTE	338 SECTION	114 BY-R-1
			WILL COUNTY	
		ST.	ATION 3209+85	.00
		STRUCT	URE NUMBER O	99-0339
		SCALE: NONE DATE: 08/17/07	DESIGNED BY: GSI CHECKED BY: WPM	DRAWN BY: TB CHECKED BY: WPM

KNIGHT