ROUTE FAP 662 (IL 4) DESC	RIPTION			E	Bridge	over Polecat Creek	LOGGED E	Y M. Tappar	1
SECTION H(RS-10), B-2	_ LO	CATIO	οм _	NW 1/	4, SEC	. 7, TWP. 14N, RNG. 5	W,3PM		
COUNTY Sangamon D	RILLING	MET	HOD			HSA	HAMMER TYPE	140# Auto	_
STRUCT. NO084-0521 Station		D E P	B L O	U C S	M 0 1	Surface Water Elev. Stream Bed Elev.			
Station	 ft	H (ft)	W S /6"	Qu (tsf)	S T (%)	Groundwater Elev.:	Cored ft		
Brown and Gray to Dark Gray Moist SILTY CLAY (Disturbed)	-	_							
(Classic)	y .	_	2 2	0.6 B	27	·			
		∃	1						
Poor Recovery	567.70	-5	1 2	0.5 B	26		•		
Gray and Brown Moist SILTY CLAY		_	0						
			1 2	0.6 B	28				.
			0	0.5	29				
		-10	2	B	25				
Olive Brown and Light Blue Gray Moist SILTY CLAY			0 0 2	0.4 B	30				
Gray Wet LOAM	559.70		0			-			
Olive Brown Moist Micaceous SILTY SHALE	557.70	-15	0 7	0.2 B	28				
Borehole continued with rock coring.		_							
		_							> .
		Ξ			-				

Division of Highways Division of Highways Division Division of Highways Division Div	c, 7, TWP. 1	4N, RNG	5. 5W, 3 F		R E C O V E R Y		M. Ta CORF T I M E ((min/ft)	
CTION H(RS-10), B-2 LOCATION NW 1/4, SEC UNTY Sanuamon CORING METHOD Water RUCT, NO. 084-0521 CORING BARREL TYPE tation C98-38 ffset 33.0ft Rt. round Surface Elev. 572.7 ft gin Rock Core Gray Well Indurated CLAYEY SHALE	& SIZE	4N, RNG NQ2V in ft	. 5W, 3 F	D CE OOP RT H (ft) (##	R E C O V E R Y (%)	R . Q . D . (%)	CORE T I M E	S T R E N G T H (tsf)
UNTY Sangamon CORING METHOD Water RUCT. NO. 084-0521 CORING BARREL TYPE tation Core Diameter Top of Rock Elev. Segin Core Elev. Segin Core Elev. Segin Rock Core Gray Well Indurated CLAYEY SHALE	& SIZE	NQ2W _ in _ ft	VL.	D C E O O R T H (ft) (##	C O V E R Y (%)	(%)	T I M E	T R E N G T H (tsf)
RUCT. NO. 084-0521 CORING BARREL TYPE tation 2A N. Pier Top of Rock Elev. 1840 Ges 23 Ges 24	2 557.70	in ft		E O R R F F F F F F F F F F F F F F F F F	C O V E R Y (%)	(%)	T I M E	T R E N G T H (tsf)
tation No. 2A N. Pier Top of Rock Elev. Begin Core Elev. 18 19 19 19 19 19 19 19 19 19 19 19 19 19	2 557.70	in ft		E O R R F F F F F F F F F F F F F F F F F	C O V E R Y (%)	(%)	I M E	E N G T H (tsf)
tation No. 2A N. Pier Top of Rock Elev. Begin Core Elev. 18 19 19 19 19 19 19 19 19 19 19 19 19 19	2 557.70	in ft		E O R R F F F F F F F F F F F F F F F F F	V E R Y (%)	(%)	M E	N G T H (tsf)
RING NO. 2A N. Pier Top of Rock Elev				T E H (ft) (#	R Y (%)	(%)		T H (tsf)
atton 694-38 ffset 33.0ft Rt round Surface Elev. 572.7 ft gin Rock Core Gray Well Indurated CLAYEY SHALE	331.10	- "		(ft) (#	0 (%)	0	(min/ft)	(tsf)
round Surface Elev. 572.7 ft gjin Rock Core Gray Well Indurated CLAYEY SHALE				1	0	0	(min/ft)	
Gray Well Indurated CLAYEY SHALE			557.70 - - -					87.8
rk Gray V. Well Indurated CLAYEY SHALE			- - - -		83	85		87.8
rk Gray V. Well Indurated CLAYEY SHALE nly Bedded with Open Joints 2"-12"			- - - -		83	85		87.8
rk Gray V. Well Indurated CLAYEY SHALE Inly Bedded with Open Joints 2"-12"			- - -		83	85		87.8
rk Gray V. Well Indurated CLAYEY SHALE Inly Bedded with Open Joints 2*-12*			- -		83	85		87.8
rk Gray V. Well Indurated CLAYEY SHALE Inly Bedded with Open Joints 2"-12"			-		83	85		87.8
rk Gray V. Well Indurated CLAYEY SHALE mly Bedded with Open Joints 2*-12*			-	_20 2	83	85		87.8
nily beaded will Open Joints 2~12°								07.0
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osed Joints 1'-3'			_	-25 3	85	100		
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			-	_				
			-	Η.				82.3
			_			1		
				4				
Assillance us CHALE Commo			-		90	100	_	_
some Argillaceous SHALE Seams			-	-30	80	100		167.8
				\dashv				
			-					139.7
			-	\dashv	-			139.7
			538.50 -	コ				
			200.00				T	-

Illinois Dep of Transpo Division of Highways	ıtatı	011				OIL BORIN	O LO		Date _	10
ROUTE FAP 662 (IL 4) DESCR	RIPTION				Bridge	over Polecat Creek		LOGGED E	BYD.	Вг
SECTION H(RS-10), B-2	LOC	CATI	ON _	, SEC.	7, TW	VP. 14N, RNG. 5W, 3 P	M	_		_
COUNTY Sangamon DF	RILLING	ME	тнор				_ HAMMER	TYPE		_
STRUCT. NO084-0172 Station	_	D E P	B L O	U C S	M O	Surface Water Elev. Stream Bed Elev.		ft ft		
BORING NO. 3 N. Abutment	_	T H	w	Qu	S	Groundwater Elev.:	565.8			
Ground Surface Elev. 574.8	ft	(ft)	/6"	(tsf)	(%)	▼Upon Completion ▼After <u>3</u> Hrs.				
Brown and Gray Moist SILTY CLAY LOAM		_	,							
		_								
*		_								
		_		1.0	24	-				
		_	9	В		4				
Brown and Gray Moist SILTY	569.80	-5			1					
CLAY (Till)	▼.	_	6	0.7	28					
		_	-	В						
		_								
Brown and Gray SILTY CLAY	566.30	_	6	1.0 B	28	1				
(Till)		_				1				
Brown and Gray V. Moist SILTY	564.80	-10]				
CLAY LOAM		—	6	0.9 B	27					
		_		0.85	22	1				
Brown Moist SILTY CLAY LOAM	561.30	_	16	0.65						
(Shaley)	559.80	-15								
Brown and Gray Damp Sandy SHALE		_			11	4.				
		_	100			1				
		_	-	1						
		—			9	-				
Boring Completed	555.80	_	100			-				
Dorang Completed		-20	_	1						

<u>BORINGS</u> <u>S.N. 084-0521</u>



Allen Henderson & Associates, Inc. Civil and Structural Engineers Springfield, IL. 62703 Phone: (217)544-8033 IL. Design Firm No. 184-001907

SHEET NO.30 30 SHEETS

F.A.P. RTE.		SEC	ΓΙΟΝ		COUNTY	TOT	SHEET NO.			
662	H(RS-10,B-2)					SANGAMON	84	1	74	
					1	CONTRACT	NO.	72	A73	
FED. RO	DAD DIST.	NO.	ILLINOIS	FED.	AID	PROJECT				