STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

Illinois Departm	en -	t		c	OIL BORING LOG		Page	1	of
of Transportatio	n			J	OIL DUNING LUG		Date	11	/2/0
ROUTE IL 152 DESCRIPTION				L 152	over Panther Creek LO	GGED B	Y Br	yan K	elle
SECTION 104BC-DR LOC	ATIO	ON _	1,6 mi	E. IL	13, SEC. 16, TWP. 6S, RNG. 2W, 3 PM				
COUNTY Perry DRILLING	ME	THOD			HAMMER TY	/PE			
STRUCT. NO. <u>073-0024</u> Station <u>875 + 13,10</u>	D E P T	B L O W	U C S	M 0 1	Surface Water Elev. 381.0 ft Stream Bed Elev. ft	D E P	B L O	U C S	N C
BORING NO. 2-S Station 876+02 Offset 51.00ft Lt. Ground Surface Elev. 392.0 ft	н	s	Qu (tsf)	T (%)	Groundwater Elev.: First Encounter	H	S	Qu (tsf)	(9
Very stiff, moist, brown, Silty Clay A-6	_				Stiff, moist, brown Clay A7-6 (continued)		4 5	1.7 S	2
		4 7 9	3.5 P	14	Stiff, very moist, grey mottled brown, Silty Clay A7-6	70.0	2 2 2 2	1.2 B	2
	-5	3 5 5	3.4 P	12	Stiff, very moist, grey mottled brown, Clay A7-6	-25	2 2 3	1.5 8	2
Soft, very moist, grey mottled brown, Silty Clay Loam A-8	_	1 2 2	0.3 B	26	Very stiff, very moist, brown grey, Clay A7–8	65.0	1 3 4	2.2 S	3
	-10	1 1 1	0,3 B	30	Medium, wet, grey, Silty Clay Loam A-6 with Sand Seams	362.5 36	1 1	0.8 B	4
Very soft, very moist to wet, grey, Sifty Clay Loam A-6		WH WH WH	0,5 B	28	Soft, wet, grey, Silty Clay A-6 with Sand Layers	160.0	1 1 2	0.4 B	3
Medium, very moist, grey mottled brown, Clay A7–6	-15 -	WH 2 3	0.7 B	26	Very loose, wet, grey, fine Silty Sand with Silty Clay Layers 94% Sand;1% Silt; 5% Clay	357.5 31	WH 1 WH		2
375.0 Very stiff, moist, brown mottled grey, Clay A7-6	-	2	2.2	23	3 Soft, wet, grey, Clay A7–6	55.0	1 1	0.4	4
- · · · · · · · · · · · · · · · · · · ·	_	5	s		_		i	В	Ľ
Stiff, moist, brown Clay A7–6	-20	2			Soft, wet, grey, Silty Clay A-6	52.5 -40	1		

Illinois Departi of Transportati Division of Highways District Nine Materials	011			J	OIL BORING LOG		Date	11/	20
	A.I			1 150	over Panther Creek LOG	CED D			
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SECTION 104BC-DR L	DCATIO	ON	1.6 mi	E, IL	13, SEC. 16, TWP. 6S, RNG. 2W, 3 PM				
COUNTY Perry DRILLIN	G ME	THOD			HAMMER TYP	E			
STRUCT. NO. 073-0024 Station 875+13.10	D	В	U	М	Surface Water Elev. 381.0 ft	D	В	ŭ	Ī
Station 875 + 13.10	E P	L	C S	0	Stream Bed Elev ft	E P	L	C S	•
BORING NO. 2-S	T H	w	Qu	S	Groundwater Elev.:	H	w	Qu	
Station 876+02 Offset 51.00ft Lt.	1				First Encounter	1			
Ground Surface Elev. 392.0 ft Soft, wet, grey, Silty Clay A-6	(ft)	(6")	(tsf)	(%)	After 108 Hrs. 383.8 ft Hard, very moist, grey, Clay Loam	(ft)	(/6") 17	(tsf)	(5
(continued)	_	4	B	70	A-6 with Sand Layers (continued)		59	E	Ĺ
	-								
Very loose, wet, grey, fine to	.5 -45	WH			Medium, wet, grey, Silty Clay	7.5 65	4		
medium Silty Sand 93% Sand 4% Silt 3% Clay		WH 2		20	Loam to Silt Loam A-6		3 5	0.9 B	2
							-		-
	_								
						_			
342.					32		1		-
Medium, fine to coarse, wet, grey, Sand with some Gravel	-50	6		20	Medium, wet, grey, fine Silty Sand with Sandy Gravel Layers	70	9		-2
76% Sand 4% Silt		7		_	73% Sand 9% Silt		11		-
2% Clay 18% Gravel	_				5% Clay 13% Gravel				
						_	1		
	-					7.5			L
	-55	4 5			Hard, dry, grey, Sandstone	-75	100/3"		H
	-	11					1		
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							1		
	_					_			
332	.5 60	2	L	L	31. Bottom of hole = 79.5 ft.	2.5 _80		i	

of Transportati Division of Highways District Nine Materials							Date
ROUTE IL 152 DESCRIPTION	N _			L 152	over Panther Creek	LOGGI	ED BY Bryan
SECTION 104BC-DR LC	CATR	ON _	1.6 mi	. E. IL	13, SEC. 16, TWP. 6S, RNG. 2	W,3 PM	
COUNTY Perry DRILLING	G ME	THOD			н.	AMMER TYPE	
STRUCT. NO. 073-0024 Station 875+13,10	D E P	B L O	U C S	M 0	Surface Water Elev Stream Bed Elev	381.0 ft	
BORING NO. 2-S Station 876+02 Offset 51.00ft Lt.	ТН	W S	On	S T	Groundwater Elev.: First Encounter Upon Completion	365.0 ft	
Ground Surface Elev. 392.0 ft	(ft)	(/6")	(tsf)	(%)	After 108 Hrs.	383.8 ft	
Free water observed at 27.0 ft. Elevation referenced to Bk. E. Abut. Sta. 874+32 at Cr. Elev. 399.7 ft.							
To convert "N" values to "N60" values, multiply by 1.25.	_						
	-85						
	_						
	_						
	-90						
	_						
	-95						

SOIL BORING LOGS STRUCTURE NO. 073-0037

	SHEET NO. 24	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0	865	16B-2	PERRY	47	46	
	25 SHEETS			CONTRACT	NO. 78	064
		FED. RO	DAD DIST. NO ILLINOIS FED.	AID PROJECT		