



Illinois Department
of Transportation
Division of Highways
Idot

SOIL BORING LOG

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Date 11/19/02

ROUTE FAP 307 (IL64) DESCRIPTION Shelby Tube, East leg of IL 64 LOGGED BY KOLODZIEJ

SECTION 126N-1 LOCATION S 1/2, SEC. 18, TWP. 40N, RNG. 7E, 3rd PM

COUNTY KANE DRILLING METHOD CME-750, 3.125" ID HSA HAMMER TYPE CME AUTOMATIC

STRUCT. NO.					Surface Water Elev.	877.80	ft
Station					Stream Bed Elev.	877.57	ft
BORING NO.	B-36S				Groundwater Elev.:		
Station	50+82				First Encounter	860.1	ft ▼
Offset	24.00ft RT				Upon Completion	860.1	ft ▼
Ground Surface Elev.	880.07	ft	(ft)	(/6")	After		Hrs. ft

DEPTH	BL	UCS	MO	DESCRIPTION	ELEVATION	DEPTH	BL	UCS	MO
(ft)	(/6")	(tsf)	(%)		ft	(ft)	(/6")	(tsf)	(%)
				SPT (REC. 14"/18")					
				Brown to Gray Silty CLAY, trace					
				medium sand					
					875.07	-5			
				S-1, (REC. 25"/24")					
				Black PEAT at the tip of the tube.					
					873.07				
					872.57			<0.25	
				S-2, (REC. 23"/24")					
				Black PEAT at the tip of the tube.					
					870.57				
					870.07	-10		<0.25	
				P-3, (REC. 22"/24")					
				Black PEAT at the tip of the tube.					
				Water pressure piston.					
					868.07				
					867.57				
				P-4, (REC. 25"/24")					
				Black PEAT at the tip of the tube.					
				Water pressure piston.					
					865.57				
					865.07	-15		0.3	
				P-5, (REC. 23"/24")					
				Black PEAT at the tip of the tube.					
				Water pressure piston.					
					863.07				
					862.57			0.3	
				P-6, (REC. 24"/24")					
				Medium Coarse Gravel at the tip					
				of the tube.					
				Water pressure piston.					
					860.57				
					860.07	-20			

End of Boring
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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STRUCT. NO.					Surface Water Elev.	877.80	ft
Station					Stream Bed Elev.	877.57	ft
BORING NO.	B-38S				Groundwater Elev.:		
Station	52+10				First Encounter	857.0	ft ▼
Offset	23.00ft RT				Upon Completion	857.0	ft ▼
Ground Surface Elev.	878.98	ft	(ft)	(/6")	After		Hrs. ft

DEPTH	BL	UCS	MO	DESCRIPTION	ELEVATION	DEPTH	BL	UCS	MO
(ft)	(/6")	(tsf)	(%)		ft	(ft)	(/6")	(tsf)	(%)
				P-8, (REC. 18"/24")					
				empty 6" at the tip.					
				Water pressure piston.					
					856.98				
					876.48				
				S-1, (REC. 23"/24")					
				Mottled, Gray, Brown & Light					
				Brown, Silty CLAY, trace fine to					
				coarse sand & gravel, trace fine to					
				coarse gravel (FILL) at the tip	874.48				
					873.98	-5		0.5	
				S-2, (REC. 23"/24")					
				Black PEAT at the tip of the tube.					
					871.98				
					871.48			<0.25	
				S-3, (REC. 22"/24")					
				Black PEAT at the tip of the tube.					
					869.48				
					868.98	-10		<0.25	
				S-4, (REC. 21"/24")					
				Black PEAT at the tip of the tube.					
					866.98				
					866.48			<0.25	
				S-5, (REC. 25"/24")					
				Gray PEAT at the tip of the tube.					
					864.48				
					863.98	-15		<0.25	
				P-6, (REC. 24"/24")					
				Gray PEAT at the tip of the tube.					
				Water pressure piston.					
					861.98				
					861.48			<0.25	
				P-7, (REC. 25"/24")					
				Gray PEAT at the tip of the tube.					
				Water pressure piston.					
					859.48				
					858.98	-20		<0.25	

End of Boring
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