



Illinois Department of Transportation  
Division of Highways  
State Office of Transportation

SOIL BORING LOG

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Date 1/28/02

ROUTE FAP 335 (IL 175) DESCRIPTION Over Bridge Lake Drain 1.0 Mile West of US 12, LOOSEB BYTAL Delaware

SECTION LOCATION SW 1/4 SEC. 27, TWP. 44N, RNG. 9 E, 3<sup>rd</sup> PM

COUNTY Lake DRILLING METHOD CME-750 HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	OFFSET Ground Surface Elev.	D	W	U	M	Description	Elev.	D	L	U	M	SPT (N)	
													(ft)	(in)
049 0112 54+20	S-5 54+20	751.31					Surface Water Elev. Stream Bed Elev.	744.41 ft						
							Groundwater Elev. First Recorder Upon Completion After Hrs.	744.3 ft						
							Very Silty Gray CLAY (Continued)							
							Loose Brown and Black SILTY LOAM	742.3						
							Loose Gray SILT	742.6						
							Loose Gray SAND and GRAVEL	743.1						
							Loose Gray SILT w/ Clay Strands	743.61						
							Stiff Gray CLAY	736.61						
							Grades to Very SILT	732.91						

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 (ASTM D206).  
BBS, from 137 (Rev. 8-99)



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ROUTE FAP 335 (IL 175) DESCRIPTION Over Bridge Lake Drain 1.0 Mile West of US 12, LOOSEB BYTAL Salaymgh

SECTION LOCATION SW 1/4 SEC. 27, TWP. 44N, RNG. 9 E, 3<sup>rd</sup> PM

COUNTY Lake DRILLING METHOD CME-750 HAMMER TYPE CME Automatic

STRUCT. NO. Station	BORING NO. Station	OFFSET Ground Surface Elev.	D	W	U	M	Description	Elev.	D	L	U	M	SPT (N)	
													(ft)	(in)
049 0112 54+00	S-7 54+00	751.31					Surface Water Elev. Stream Bed Elev.	744.41 ft						
							Groundwater Elev. First Recorder Upon Completion After Hrs.	744.3 ft						
							Very Silty Gray CLAY (Continued)							
							Brown and Black SILTY CLAY w/ GRAVEL (10)	746.8						
							Grades w/ Silt Seams	747.06						
							Loose Gray SAND and GRAVEL	744.18						
							Start Washing Grades to Fine Sand	742.06 741.19						
							Very Silty Gray CLAY	733.19						

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BBS, from 137 (Rev. 8-99)



USER NAME =	DESIGNED - JSJ	REVISED -
PLOT SCALE =	CHECKED - LRG	REVISED -
PLOT DATE =	DRAWN - MPS	REVISED -
	CHECKED - JXH/TPG	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING LOGS  
STRUCTURE No. 049-0196 STA. 54 + 00.00

SHEET NO. SA10 OF SA10 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	145 X-T	LAKE	80	54
DATE: 09-14-2011			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 62187	