



Illinois Department of Transportation

Division of Highways
SCI Engineering

SOIL BORING LOG

Page 1 of 1

Date 04/05/12

ROUTE FAP 312 DESCRIPTION Waterloo Bypass - Shared Use Culvert Boring LOGGED BY SCI (TT)
SECTION 68-WRS-1 LOCATION NW 1/4 of the NE 1/4, SEC. 36, TWP. 2S, RNG. 10W
COUNTY Monroe DRILLING METHOD CME 750 w/HSA HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH	BULGE	UCS	MOISTURE	Surface Water Elev.	Stream Bed Elev.	GROUNDWATER ELEV.	DEPTH	BULGE	UCS	MOISTURE
067-2427	2019+30	(ft)	(/6")	(tsf)	(%)	N/A ft	N/A ft	First Encounter	(ft)	(/6")	(tsf)	(%)
SILTY CLAY: Brown [A-6]						CLAY: Gray, trace sand and iron nodules						
CLAY: Gray and brown, trace iron nodules and organics [A-7]						Trace gravel and sand layers						
SILTY CLAY: Gray, with iron stains, trace organics [A-6]						Becomes gray						
Trace sand						Trace organics						
CLAY: Gray, trace sand and iron nodules [A-7]						Boring terminated at 30.0 ft.						
Trace sandstone fragments						Boring grouted to 30.0 ft.						
With sand and iron stains												

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
AASHTO Classifications are based on visual classifications unless otherwise noted BBS, form 137 (Rev. 8-99)



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067-2427	2019+30	(ft)	(/6")	(tsf)	(%)	N/A ft	N/A ft	First Encounter	(ft)	(/6")	(tsf)	(%)
SILTY CLAY: Brown and gray [A-6]						CLAY: Gray, trace sand and iron nodules						
Trace sand						Trace gravel						
CLAY: Gray, trace sand and iron nodules [A-7]						Becomes gray						
With iron stains						With sandstone fragments						
With sand						Boring terminated at 30.0 ft.						
Trace sandstone fragments						Boring grouted to 30.0 ft.						

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