

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 645	SECTION •	COUNTY Marshall	TOTAL SHEETS 71	SHEET NO. 41
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

SHEET NO. 23  
23 SHEETS

\* (105BR)BR  
Contract - 68479

Operator: dheberling

Date: 8/26/2008

Filename: L:\Jobs\IDOT\BBS\69566 BBS\Various\105BR\062-0072\_4-18-08.dgn

**Illinois Department of Transportation**  
Division of Highways  
District - Materials

### SOIL BORING LOG

Page 1 of 1 Date 7/24/11

ROUTE FAP 645 (IL 17) DESCRIPTION IL 17 over Senachwine Cr. 3.6mi. west of Sparland LOGGED BY RLI

SECTION 105 BR LOCATION SEC. TWP. RNG. Longitude , Latitude

COUNTY MARSHALL DRILLING METHOD HSA HAMMER TYPE

STRUCT. NO. 062-0016 (EXIST) 062-072 (PROP)

BORING NO. 5 Station 334+85

Offset 70.00ft 12

Ground Surface Elev. 641.77 ft (ft) (6") (1st) (%)

SOIL	(ft)	(6")	(1st)	(%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.
Dk. Brown, Moist SILTY CLAY (Traces of SAND)											
	4			0.8							
	4			S							
Dk. Gray, Moist SILTY CLAY (Traces of SAND)											
	4			0.8							
	4			S							
	3			0.6							
	3			B							
Gray, Damp SHALEY CLAY											
	50			6"							
	50			6"							
	50			6"							
	50			6"							
	50			6"							
	50			6"							
	50			6"							
	50			6"							
End of Boring	60			6"							

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 T296)

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### SOIL BORING LOG

Page 1 of 1 Date 5/00

ROUTE FAP 645 (IL 17) DESCRIPTION IL 17 over Senachwine Cr. 3.6mi. west of Sparland LOGGED BY DPS

SECTION 105 BR LOCATION SEC. TWP. RNG. Longitude , Latitude

COUNTY MARSHALL DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 062-0016 (EXIST) 062-072 (PROP)

BORING NO. 7 Station 334+78

Offset 28.00ft 12

Ground Surface Elev. 637.76 ft (ft) (6") (1st) (%)

SOIL	(ft)	(6")	(1st)	(%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.
Brown SILTY CLAY LOAM											
	1										
	3			0.5							
	3			B							
	14										
Gray SHALEY CLAYCLAY SHALE				9.0							
	25										
	24										
	14										
	45										
	45										
	51										
	100			6"							
	21										
	100			3"							
	38										
End of Boring	60			3"							

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 T296)

**SOIL BORINGS**  
IL ROUTE 17 OVER SENACHWINE CREEK  
FAP ROUTE 645 - SECTION (105BR)BR  
MARSHALL COUNTY  
STATION 334+90.00  
STRUCTURE NO. 062-0072