



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 10/20/08

ROUTE FAP 332 (IL 1) DESCRIPTION Greathouse Creek at SW edge of Mt. Carmel LOGGED BY E. Sandschafer

SECTION (103B)B-1 LOCATION NE 1/4, SEC. 30, TWP. 1 S, RNG. 12 W, 3 PM

COUNTY Wabash DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. 093-0008
Station 850+32

BORING NO. 2 N Abut
Station 851+20
Offset 13.00ft Rt
Ground Surface Elev. 402.78 ft

D
E
P
T
H

(ft)

(/6")

(tsf)

(%)

B
L
O
C
K
S
Q
u

U
C
S

M
O
I
S
T

Surface Water Elev. 388.20 ft
Stream Bed Elev. 385.46 ft

Groundwater Elev.:
First Encounter 363.3 ft
Upon Completion 388.9 ft
After 96 Hrs. 396.8 ft

Very dense, moist, gray, SILTY CLAY SHALE. Very hard drilling. (continued)

322.68' 50/2' 50/1'

Extent of exploration.

Benchmark: BM 539 Chiseled square on NE corner of SE wingwall of existing structure, Sta 851+06, 22' Rt = 405.51' elevation. Provided by Program Development.

Latitude W 87 deg 46' 42" min, Longitude N 38 deg 24' 19" min, Mgr Datum WGS 84

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)

FILE NAME = 0930026-74220-21-Soil.dgn

USER NAME = RJT

ESCA JOB NO. 933.12

PLOT SCALE = 0:1 ' : 1" IN.

PLOT DATE = 12/15/2011 1:42:12 PM

DESIGNED - ELH 01/11

CHECKED - MJW/RDP 01/11

DRAWN - HAS 08/11

CHECKED - ELH 08/11

REVISED -

REVISED -

REVISED -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS
STRUCTURE NO. 093-0026**

SHEET NO. 21 OF 21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(103B)B-1	WABASH	53	36
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74220	