

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 27 27 SHEETS
F.A.P. 857	10IBR-6	WHITE	100	46	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Contract #98960

Illinois Department of Transportation
Division of Highways
District Seven Materials

SOIL BORING LOG

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Date 8/8/01

ROUTE FAP 857 (IL 14) DESCRIPTION Fox River - Shelby Tubes LOGGED BY B. Keller
SECTION 10IBR-6 LOCATION NW 14, SEC. 29, TWP. 4 S, RNG. 14 E, 3 PM
COUNTY White DRILLING METHOD Hydraulic push HAMMER TYPE N/A

STRUCT. NO. 097-0031 D B U M
Station 174+14.21 E L C O
P O S I
T W S Qu T
H S Qu T

BORING NO. A-7S
Station 174+03
Offset 23.00R Rt
Ground Surface Elev. 365.8 ft (ft) (ft) (tsf) (%)

Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	(ft)	(ft)	(tsf)	(%)
362.8	N/A	360.1	362.1	N/A						

Medium, very moist, brown, SILTY CLAY, A-6. 19" recovery.

362.60

Soft, very moist, gray mottled brown, CLAY to SILTY CLAY, A7-6. 20" recovery.

360.10

Soft, very moist, gray mottled brown, CLAY to SILTY CLAY, A7-6. 18" recovery.

357.60

Very soft, very moist, gray, CLAY to SILTY CLAY, A7-6. 25" recovery.

355.10

Very soft, very moist, gray, CLAY to SILTY CLAY, A7-6. 30" recovery.

352.60

Soft to very soft, very moist, gray, CLAY to SANDY CLAY w/gravel, A7-6. 30" recovery.

350.10

Medium, wet, gray, SANDY GRAVEL. 30" recovery.

347.60

Medium, wet, gray to brown, SANDY GRAVEL. 29" recovery.

345.10

Extent of exploration.

Shelby Tube field log shown. No moistures or strengths available.

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 T208)
BBS, from 137 (Rev. 8-99)

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ROUTE FAP 857 (IL 14) DESCRIPTION Fox River - Shelby Tubes LOGGED BY B. Keller
SECTION 10IBR-6 LOCATION NW 14, SEC. 29, TWP. 4 S, RNG. 14 E, 3 PM
COUNTY White DRILLING METHOD Hydraulic push HAMMER TYPE N/A

STRUCT. NO. 097-0031 D B U M
Station 174+14.21 E L C O
P O S I
T W S Qu T
H S Qu T

BORING NO. A-8S
Station 175+28
Offset 23.00R Rt
Ground Surface Elev. 363.7 ft (ft) (ft) (tsf) (%)

Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	(ft)	(ft)	(tsf)	(%)
362.8	N/A	359.2	261.7	362.2						

Medium, moist to very moist, gray mottled brown, CLAY, A7-6. 14" recovery.

361.70

Soft, very moist, brown mottled gray, CLAY to SILTY CLAY, A7-6. 21" recovery.

359.20

Soft, very moist, gray streaked brown, CLAY, A7-6. 16" recovery.

356.70

Very soft, very moist, gray, CLAY, A7-6. 19" recovery.

354.20

Very soft, very moist, gray, CLAY, A7-6. 22" recovery.

351.70

Very soft, very wet, gray, CLAY, A7-6. 26" recovery.

349.20

Medium, wet, gray, fine, SAND w/silt and a clay layer. 30" recovery.

346.70

Extent of exploration.

Shelby Tube field log shown. No moistures or strengths available.

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 T208)
BBS, from 137 (Rev. 8-99)

BORING DETAILS
F.A.P. RT. 857 SEC. 10IBR-6
WHITE COUNTY
STATION 171+58.50
STRUCTURE NO. 097-0071