

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROJECT NO.	SECTION	SHEET	TOTAL SHEETS
1200th STREET	107B-2	EFFINGHAM	273 263
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT	

SHEET NO. 8
8 SHEETS

CONTRACT NO. 94827

Illinois Department of Transportation
SOIL BORING LOG

Page 1 of 2
Date 10/17/02

ROUTE CR 1200E DESCRIPTION Green Creek LOGGED BY E. Szlachetka

SECTION 107 WBS-1 LOCATION NW 1/4 SEC. 12, TWP. 5 N. RNG. 6 E. 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Automatic 140#

STRUCT. NO. 025-3183 D E L U M
Station UNKNOWN P O S I S
BORING NO. 1 of 2 (North Abut.) T W S Qu T
Station 204+33.91 H S Qu T
Offset 0.00'
Ground Surface Elev. 522.31 ft (M) (F) (W) (S)

DEPTH (ft)	DESCRIPTION	WATER	TEMP.	REMARKS
0	Surface Water Elev. <u>516.35</u> ft			
0	Stream Bed Elev. <u>516.35</u> ft			
0	Groundwater Elev. <u>513.8</u> ft			
0	First Encounter Upon Completion <u>513.8</u> ft			
0	After N/A. Hrs. <u>30</u> mins.			
0	Very soft, very moist, brown, SILTY LOAM w/ hair roots.			3% passing #200 sieve.
15	Loose, water bearing, gray, SAND w/ one 1" stone. 7% passing #200 sieve.			
24	Very soft, very moist, brown, SILTY LOAM w/ hair roots.			
25	Soft, damp, gray, SANDY CLAY LOAM w/ black specks.			
26	Very dense, very moist, gray, SANDY CLAY LOAM SHALE w/ black specks.			
27	Very soft, very damp, brown, SILTY LOAM.			
28	Loose, very damp, brown w/ just spots, SAND.			
29	5% passing #200 sieve.			
30	Very loose, wet to water bearing, gray, SAND. 3% passing #200 sieve.			
31	5% passing #200 sieve.			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetration). The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, form 137 (Rev. 8-95)

Illinois Department of Transportation
ROCK CORE LOG

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Date 10/17/02

ROUTE CR 1200E DESCRIPTION Green Creek LOGGED BY E. Szlachetka

SECTION 107 WBS-1 LOCATION NW 1/4 SEC. 12, TWP. 5 N. RNG. 6 E. 3 PM

COUNTY Effingham CORING METHOD Rotary diamond drill split

STRUCT. NO. 025-3183 CORING BARREL TYPE & SIZE NW, cony d 4 1/2 in. 1 1/2" inner
Station UNKNOWN
BORING NO. 1 of 2 (North Abut.)
Station 204+33.91
Offset 0.00'
Ground Surface Elev. 522.31 ft

DEPTH (ft)	DESCRIPTION	RECOVERED (%)	REMARKS
0	Gray, SANDY CLAY LOAM SHALE w/ thin gray sandstone layering.	100	
15		100	
20		100	
25		100	
30		100	
35		100	
40		100	
45		100	
50		100	
55		100	
60		100	
65		100	
70		100	
75		100	
80		100	
85		100	
90		100	
95		100	
100		100	

Extent of exploration.

Benchmark: BM #10 = 543.64' on Little Wabash River bridge. Furnished by Program Development.

Color pictures of the core _____
Cores will be stored for examination until _____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 133 (Rev. 8-95)

Illinois Department of Transportation
SOIL BORING LOG

Page 1 of 1
Date 10/17/02

ROUTE CR 1200E DESCRIPTION Green Creek LOGGED BY E. Szlachetka

SECTION 107 WBS-1 LOCATION NW 1/4 SEC. 12, TWP. 5 N. RNG. 6 E. 3 PM

COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Automatic 140#

STRUCT. NO. 025-3183 D E L U M
Station UNKNOWN P O S I S
BORING NO. 2 of 2 (South Abut.) T W S Qu T
Station 204+33.91 H S Qu T
Offset 0.00'
Ground Surface Elev. 522.34 ft (M) (F) (W) (S)

DEPTH (ft)	DESCRIPTION	WATER	TEMP.	REMARKS
0	Surface Water Elev. <u>516.35</u> ft			
0	Stream Bed Elev. <u>516.35</u> ft			
0	Groundwater Elev. <u>517.5</u> ft			
0	First Encounter Upon Completion <u>517.5</u> ft			
0	After N/A. Hrs. <u>30</u> mins.			
0	Medium, damp, brown, SILTY LOAM w/ many roots.			Very loose, water bearing, gray, SAND w/ few sandstone fragments and one wood chunk. 1% passing #200 sieve. (continued)
3	Medium, water bearing, gray, SAND w/ many pebbles. 3% passing #200 sieve.			
4	Medium, damp, brown, SANDY LOAM w/ few hair roots.			
5	Loose, water bearing, gray, SAND w/ many pebbles. 7% passing #200 sieve.			
6	Soft, damp, gray, SANDY CLAY LOAM.			
7	Gray, SANDY CLAY LOAM SHALE.			
8	Extent of exploration.			
9	Medium, damp, brown, SILTY LOAM w/ few black specks.			
10	Very loose, water bearing, brown, SAND w/ few gray sandstone fragments. 10% passing #200 sieve.			
11	3% passing #200 sieve.			
12	Loose, water bearing, brown, SAND. 2% passing #200 sieve.			
13				

Benchmark: BM #10 = 543.64' on Little Wabash River bridge. Furnished by Program Development.

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DESIGNED TWM
CHECKED KCM
DRAWN CAR
CHECKED TWM

BORING LOGS
1200th STREET OVER GREEN CREEK
SECTION 107B-2
EFFINGHAM COUNTY
STATION 204+33.91
S.N. 025-3309