

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	POST MILES	STATION	SHEET NO.
1200th STREET	107B-2	EFFINGHAM	344	329	8 SHEETS
FED. ROAD DIST. NO. 7 ILLINOIS FEELAD PROJECT					CONTRACT NO. 94B27

**SOIL BORING LOG**

Page 1 of 2  
Date 10/17/02  
LOGGED BY F. Sanduscher

ROUTE CR 1200 E DESCRIPTION Green Creek  
SECTION 107 WBS-1 LOCATION NW 1/4 SEC. 18, TWP. 2 N. R. 10 E. 3 PM  
COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Automatic 1408

STRUCT. NO. 025-3181  
Station Unknown  
BORING NO. 1 of 2 (North Abut.)  
Station 204+70  
Offset 2.00'  
Ground Surface Elev. 523.31 ft

DEPTH (ft)	DISTURBED	UNSATURATED	MOISTURE (%)	SPT (blows)	REMARKS	CORRECTION	STRENGTH	DETERMINATION						
								(ft)	(%)	(blows)				
0					Surface Water Elev. Dry									
					Stream Bed Elev. 518.35 ft									
					Groundwater Elev. 513.8 ft									
					First Encounter Washed After N/A Hrs.									
0					Very soft, very moist, brown, SILTY LOAM w/ hair roots.									
10					Loose, water bearing, gray, SAND w/ one 1" stone. 7% passing #200 sieve.									
10					Brown, SANDY LOAM w/ hair roots.									
15					Very soft, very moist, brown, SILTY LOAM w/ hair roots.									
18					Soft, damp, gray, SANDY CLAY LOAM w/ black specks.									
20					Very dense, very moist, gray, SANDY CLAY LOAM SHALE w/ black specks.									
21					Soilstone continued with root caving.									
22					Very soft, damp, brown, SANDY LOAM.									
23					Loose, very damp, brown w/ rust spots, SAND.									
24					5% passing #200 sieve.									
25					Very loose, wet to water bearing, gray, SAND. 5% passing #200 sieve.									
26					5% passing #200 sieve.									

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, form 137 (Rev. 8-98)

**ROCK CORE LOG**

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Date 10/17/02  
LOGGED BY F. Sanduscher

ROUTE CR 1200 E DESCRIPTION Green Creek  
SECTION 107 WBS-1 LOCATION NW 1/4 SEC. 18, TWP. 2 N. R. 10 E. 3 PM  
COUNTY Effingham CORING METHOD Rotary, diamond surface bit

STRUCT. NO. 025-3181  
Station Unknown  
BORING NO. 1 of 2 (North Abut.)  
Station 204+70  
Offset 0.00'  
Ground Surface Elev. 523.31 ft

CORING BARREL TYPE & SIZE NW, conv. d/d bit, split inner  
Core Diameter 2.00 in  
Top of Rock Elev. 500.81 ft  
Begin Core Elev. 500.81 ft

DEPTH (ft)	RECOVERY (%)	CORRECTION	STRENGTH	REMARKS
0				Gray, SANDY CLAY LOAM SHALE w/ thin gray sandstone layering.
100	15			
100	D			Extent of exploration.
485				Benchmark: BM #10 = 543.84' on Little Wabash River bridge. Furnished by Program Development.

Color pictures of the cores \_\_\_\_\_  
Cores will be stored for examination until \_\_\_\_\_  
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938) BBS, form 138 (Rev. 8-98)

**SOIL BORING LOG**

Page 1 of 1  
Date 10/17/02  
LOGGED BY F. Sanduscher

ROUTE CR 1200 E DESCRIPTION Green Creek  
SECTION 107 WBS-1 LOCATION NW 1/4 SEC. 18, TWP. 2 N. R. 10 E. 3 PM  
COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Automatic 1408

STRUCT. NO. 025-3181  
Station Unknown  
BORING NO. 2 of 2 (South Abut.)  
Station 204+85  
Offset 0.00'  
Ground Surface Elev. 523.34 ft

DEPTH (ft)	DISTURBED	UNSATURATED	MOISTURE (%)	SPT (blows)	REMARKS	CORRECTION	STRENGTH	DETERMINATION					
								(ft)	(%)	(blows)			
0					Surface Water Elev. Dry								
					Stream Bed Elev. 516.35 ft								
					Groundwater Elev. 517.3 ft								
					First Encounter Washed After N/A Hrs.								
0					Medium, damp, brown, SILTY LOAM w/ many roots.								
3					Very loose, water bearing, gray, SAND w/ few sandstone fragments and one wood chunk. 1% passing #200 sieve.								
4					Medium, water bearing, gray, SAND w/ many pebbles. 3% passing #200 sieve.								
10					Loose, water bearing, gray, SAND w/ many pebbles. 7% passing #200 sieve.								
15					Soft, damp, gray, SANDY CLAY LOAM.								
22					Grey, SANDY CLAY LOAM SHALE.								
26					Extent of exploration.								
30					Benchmark: BM #10 = 543.84' on Little Wabash River bridge. Furnished by Program Development.								
31					Very loose, water bearing, brown, SAND w/ few gray sandstone fragments. 10% passing #200 sieve.								
32					3% passing #200 sieve.								
33					Loose, water bearing, brown, SAND. 2% passing #200 sieve.								
34					511.04								

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, form 137 (Rev. 8-98)

DESIGNED	TMM
CHECKED	KCM
DRAWN	CAR
CHECKED	TMM

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