

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET NO. 8	8 SHEETS			
1200th STREET	107B-2	EFFINGHAM	344	329
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 94B27

**Illinois Department of Transportation SOIL BORING LOG** Page 1 of 2  
Date 10/17/02

ROUTE CR 1200 E DESCRIPTION Green Creek LOGGED BY E. Santschkafer  
SECTION 107 WRS-1 LOCATION NW 1/4 SEC. 18, TWP. 8 N. RND. 6 E. 3 PM  
COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Automatic 140#

STRUCT. NO. 025-3151 ELEV. 516.35 ft  
Station Unknown  
BORING NO. 1 of 2 (North Abut)  
Station 204+33.91  
Offset 0.00'  
Ground Surface Elev. 528.31 ft

Depth (ft)	Soil Description	Blow Count		Strength	
		(F)	(T)	(F)	(T)
0	Surface Water Elev. Dry				
0	Stream Bed Elev. <u>516.35</u> ft				
0	Groundwater Elev. <u>513.9</u> ft				
0	First Encounter Upon Completion				
0	After N/A hrs.				
0	5% passing #200 sieve.				
1	Very soft, very moist, brown, SILTY LOAM w/ hair roots.	1	2		
2	Loose, water bearing, gray, SAND w/ one 1" stone. 7% passing #200 sieve.	2	3		
4	Very soft, very moist, brown, SILTY LOAM w/ hair roots.	4	5		
4	SRM, damp, gray, SANDY CLAY LOAM w/ black specks.	18	25	1.5	15
6	Very dense, very moist, gray, SANDY CLAY LOAM SHALE w/ black specks.	2	2		
6	SRM, damp, brown, SANDY LOAM.	2	2		
11	Very soft, damp, brown, SANDY LOAM.	1	1		
11	Loose, very damp, brown w/ rust spots, SAND.	2	2		
13	5% passing #200 sieve.	2	2		
17	Very loose, wet to water bearing, gray, SAND. 5% passing #200 sieve.	1	1		
18	5% passing #200 sieve.	0	0		
20	5% passing #200 sieve.	0	0		

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. 8-95)

**Illinois Department of Transportation ROCK CORE LOG** Page 1 of 2  
Date 10/17/02

ROUTE CR 1200 E DESCRIPTION Green Creek LOGGED BY E. Santschkafer  
SECTION 107 WRS-1 LOCATION NW 1/4 SEC. 18, TWP. 8 N. RND. 6 E. 3 PM  
COUNTY Effingham CORING METHOD Rotary diamond tool bit

STRUCT. NO. 025-3151 CORING BARREL TYPE & SIZE NW, conv. dia bit, split inner  
Station Unknown  
BORING NO. 1 of 2 (North Abut)  
Station 204+33.91  
Offset 0.00'  
Ground Surface Elev. 528.31 ft

Core Diameter 2.00 in  
Top of Rock Elev. 500.81 ft  
Begin Core Elev. 500.81 ft

Depth (ft)	Description	Recovery (%)		Strength
		(F)	(T)	
0	Gray, SANDY CLAY LOAM SHALE w/ thin gray sandstone layering.	100	15	
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Extent of exploration.

Benchmark: BM #10 = 543.84' on Life 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-2838) BBS, form 133 (Rev. 8-95)

**Illinois Department of Transportation SOIL BORING LOG** Page 1 of 1  
Date 10/17/02

ROUTE CR 1200 E DESCRIPTION Green Creek LOGGED BY E. Santschkafer  
SECTION 107 WRS-1 LOCATION NW 1/4 SEC. 18, TWP. 8 N. RND. 6 E. 3 PM  
COUNTY Effingham DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Automatic 140#

STRUCT. NO. 025-3151 ELEV. 516.35 ft  
Station Unknown  
BORING NO. 2 of 2 (South Abut)  
Station 204+33.91  
Offset 0.00'  
Ground Surface Elev. 528.34 ft

Depth (ft)	Soil Description	Blow Count		Strength	
		(F)	(T)	(F)	(T)
0	Surface Water Elev. Dry				
0	Stream Bed Elev. <u>516.35</u> ft				
0	Groundwater Elev. <u>517.3</u> ft				
0	First Encounter Upon Completion				
0	After N/A hrs.				
0	Very loose, water bearing, gray, SAND w/ low sandstone fragments and one wood chunk. 1% passing #200 sieve.				
1	Medium, water bearing, gray, SAND w/ many pebbles. 3% passing #200 sieve.	3	4		
1	Loose, water bearing, gray, SAND w/ many pebbles. 7% passing #200 sieve.	3	4		
2	Loose, water bearing, gray, SAND w/ many pebbles. 7% passing #200 sieve.	2	2		
2	SRM, damp, gray, SANDY CLAY LOAM.	2	2		
3	SRM, damp, gray, SANDY CLAY LOAM.	2	2		
3	SRM, damp, gray, SANDY CLAY LOAM.	3	4		
3	Gray, SANDY CLAY LOAM SHALE.	2	2		
4	SRM, damp, gray, SANDY CLAY LOAM.	1	1		
4	SRM, damp, gray, SANDY CLAY LOAM.	3	4		
4	Medium, damp, brown, SILTY LOAM w/ few black specks.	2	2		
5	Very loose, water bearing, brown, SAND w/ few gray sandstone fragments. 10% passing #200 sieve.	0	0		
6	3% passing #200 sieve.	0	0		
6	Loose, water bearing, brown, SAND. 2% passing #200 sieve.	3	3		

Benchmark: BM #10 = 543.84' on Life Wabash River bridge. Furnished by Program Development.

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. 8-95)

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