

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 1774	113(B)-5, B-6	LOGAN	60	34
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract #72760

Illinois Department of Transportation
Division of Highways
District 6 Materials

SOIL BORING LOG

Page 1 of 2
Date 5/13/04

ROUTE FAS 1774 DESCRIPTION Old IL 121 over Kickapoo Creek LOGGED BY M. Metcalf

SECTION 113(B)-5, B-6 LOCATION SW 14, SEC. 24, TWP. 20 N, RNG. 3 W, 3 PM

COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 054-0019 Ex
Station 1723+50

BORING NO. 1 N. Abut
Station 1722+36
Offset 14.0 ft Lt
Ground Surface Elev. 568.5 ft

DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	140 #	Auto	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	Washed (ft)	After (ft)	Hrs.	Plugged (ft)
0						562.9	549.5							
0-2														
2-2.16	B			28										
2-2	B													
563.00														
4-4.10	B			23										
6-6	B													
560.50														
1-1														
2-2.15	P			18										
3-3	P													
568.50														
1-1														
1-0.3	B			26										
2-2	B													
565.50														
1-1														
1-0.5	B			27										
2-2	B													
563.50														
0-0														
1-1														
1-1														
0-0														
0-0														
1-1														
0-0														
1-1														
20-20														

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) (B.S. - Before Seating)
BBS, from 137 (Rev. 8-99)

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0						562.9	549.5							
2-2														
5														
6-6														
10-10														
46-46														
560.20														
3-3														
4-4														
6-6														
50-50														
10-10														
20-20														
34-34														
55-55														
14-14														
31-31														
31-31														
509.00														
60-60														

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COUNTY Logan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 054-0019 Ex
Station 1723+50

BORING NO. 2 Pier 2
Station 1723+32
Offset 29.0 ft Rt
Ground Surface Elev. 557.2 ft

DEPTH (ft)	DRILLING METHOD	HSA	HAMMER TYPE	140 #	Auto	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	Washed (ft)	After (ft)	Hrs.	Plugged (ft)
0						552.9	549.5							
2-2														
6-6														
7-7														
4-4														
11-11														
15-15														
26-26														
1-1														
1-1.5	P			22										
1-1	P													
549.20														
0-0														
0-0.1	B			39										
1-1	B													
547.20														
0-0														
0-0														
0-0														
0-0														
0-0														
544.20														
0-0														
0-0														
0-0														
0-0														
522.20														
0-0														
3-3														
5-5														
1-1														
3-3														
8-8														
20-20														

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0						552.9	549.5							
2-2														
6-6														
7-7														
4-4														
11-11														
15-15														
21-21														
46-46														
516.20														
4-4														
11-11														
21-21														
510.20														
10-10														
15-15														
21-21														
506.20														
21-21														
36-36														
15-15														
41-41														
502.70														
60-60														

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BORING DATA
F.A.S. RTE. 1774-SEC. 113(B)-5, B-6
LOGAN COUNTY
STATION 1723+50.00
STRUCTURE NO. 054-0505