

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District 1/Region 1

SOIL BORING LOG

Page 1 of 2
Date 6/20/04

ROUTE FAP 330 (US 45) DESCRIPTION over Jackson Creek LOGGED BY MAOQJR

SECTION 104-B LOCATION SW 1/4, SEC. 32, TWP. 35N, RING. 12E, 3 PM

COUNTY Will DRILLING METHOD CME 750; (3 1/2" ID HSA) HAMMER TYPE CME-Automatic

STRUCT. NO. 099-2005 (exist.)
099-4649 (prop.)
Station 149+06

BORING NO. C-1
Station 149+43
Offset 15.00 ft
Ground Surface Elev. 745.98 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0	Bluish-gray, CLAY w/trace gravel (Fill)		Very Stiff, Gray, CLAY
1		3.4	16
2		1.9	18
3		5	18
4		3	2.4
5		5	18
6		3	2.1
7		5	21
8		3	2.1
9		5	21
10		3	0.5
11		2	0.5
12		5	22
13		3	0.3
14		2	0.3
15		3	1.4
16		5	15
17		4	1.4
18		5	15
19		3	3.2
20		8	15
21		4	1.0
22		18	13
23		28	13
24		4	1.0
25		28	13
26		4	1.0
27		28	13
28		4	1.0
29		28	13
30		4	1.0
31		28	13
32		4	1.0
33		28	13
34		4	1.0
35		28	13
36		4	1.0
37		28	13
38		4	1.0
39		28	13
40		4	1.0
41		28	13
42		4	1.0
43		28	13
44		4	1.0
45		28	13
46		4	1.0
47		28	13
48		4	1.0
49		28	13
50		4	1.0
51		28	13
52		4	1.0
53		28	13
54		4	1.0
55		28	13
56		4	1.0
57		28	13
58		4	1.0
59		28	13
60		4	1.0

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)

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STRUCT. NO. 099-2005 (exist.)
099-4649 (prop.)
Station 149+06

BORING NO. C-1
Station 149+43
Offset 15.00 ft
Ground Surface Elev. 745.98 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0	Medium Dense, Gray, SAND layered w/gray clay (continued)		704.48
1		5	22
2		6	22
3		5	22
4		6	22
5		5	22
6		6	22
7		5	22
8		6	22
9		5	22
10		6	22
11		5	22
12		6	22
13		5	22
14		6	22
15		5	22
16		6	22
17		5	22
18		6	22
19		5	22
20		6	22
21		5	22
22		6	22
23		5	22
24		6	22
25		5	22
26		6	22
27		5	22
28		6	22
29		5	22
30		6	22
31		5	22
32		6	22
33		5	22
34		6	22
35		5	22
36		6	22
37		5	22
38		6	22
39		5	22
40		6	22
41		5	22
42		6	22
43		5	22
44		6	22
45		5	22
46		6	22
47		5	22
48		6	22
49		5	22
50		6	22
51		5	22
52		6	22
53		5	22
54		6	22
55		5	22
56		6	22
57		5	22
58		6	22
59		5	22
60		6	22

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STRUCT. NO. 099-2005 (exist.)
099-4649 (prop.)
Station 149+06

BORING NO. C-2
Station 148+74
Offset 14.00 ft
Ground Surface Elev. 745.96 ft

DEPTH (ft)	SOIL DESCRIPTION	TESTS	REMARKS
0	Bluish-gray, CLAY w/trace gravel (Fill)		745.96
1		4	12
2		6	12
3		7	12
4		5	12
5		4	1.9
6		5	20
7		2	1.9
8		3	1.9
9		7	21
10		2	1.9
11		3	1.9
12		2	1.9
13		3	1.9
14		2	1.9
15		1	1.0
16		3	1.9
17		6	20
18		3	3.5
19		6	20
20		2	1.1
21		3	1.1
22		4	16
23		2	0.6
24		3	0.6
25		3	0.6
26		3	0.6
27		2	0.5
28		3	0.5
29		2	0.5
30		3	0.5
31		2	0.5
32		3	0.5
33		2	0.5
34		3	0.5
35		2	0.5
36		3	0.5
37		2	0.5
38		3	0.5
39		2	0.5
40		3	0.5
41		2	0.5
42		3	0.5
43		2	0.5
44		3	0.5
45		2	0.5
46		3	0.5
47		2	0.5
48		3	0.5
49		2	0.5
50		3	0.5
51		2	0.5
52		3	0.5
53		2	0.5
54		3	0.5
55		2	0.5
56		3	0.5
57		2	0.5
58		3	0.5
59		2	0.5
60		3	0.5

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BORING LOGS
F.A.P. RT. 330 SEC. 104B-3-BR
WILL COUNTY
STATION 149+06.00
STRUCTURE NO. 099-4649