BORING LOGS

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

P92-061-03 IL 84 culvert @ new River Ridge High School, .4 m. S. of Weston Road, 3.5 m. N. of Hanover

Date 1/8/03

ROUTE FAP 308 DESCRIPTION P92-061-03 IL 84 culvert @ new River Ridge High School, .4 m. S. of Weston Road, 3.5 m. N. of Hanover LOGGED BY W. Garza

SECTION 103M LOCATION Elizabeth Twp. - SW, SEC. 22, TWP. 27N, RNG. 2E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station 62+20

BORING NO. B-2a
Station 62+32
Offset 13.50ft Lt CL
Ground Surface Elev. 99.3 ft

Surface Water Elev. None ft
Stream Bed Elev. 85.5 ft

Groundwater Elev.:
First Encounter None ft
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Shoulder Rock MEDIUM gray SILTY LOAM	97.30			0.7 P	19
VERY STIFF tan SILTY LOAM	95.80		4 5 6	2.6 S	19
STIFF tan SILTY LOAM	93.30	-5	3 4 4	2.0 B	20
VERY STIFF tan gray SILTY LOAM	90.80		3 4 6	2.3 S	20
VERY STIFF tanish gray SILTY CLAY LOAM	88.30	-10	2 4 6	2.5 B	25
STIFF tanish gray SILTY CLAY LOAM	85.80		2 3 5	1.8 B	24
STIFF gray SILTY LOAM	83.30	-15	2 2 5	1.3 S	25
MEDIUM gray SILTY LOAM	80.80		1 3 3	1.0 S	26
MEDIUM gray SILTY LOAM		-20			
MEDIUM gray SILTY LOAM (continued)	78.30		1 2 4	0.8 P	32
MEDIUM gray SILTY LOAM	75.80		1 1 3	1.0 B	27
STIFF tan SILTY CLAY LOAM with CHERT	73.30	-25	2 3 7	1.2	26
LOOSE tan SANDY LOAM	70.30		2 3 4		
VERY DENSE tan weathered LIMESTONE	68.30	-30	31 50 70		
End of Boring		-40			

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, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District 2, Dixon

SOIL BORING LOG

Page 1 of 1

P92-061-03 IL 84 culvert at new River Ridge High School, .4 m. S. of Weston Road

Date 1/7/03

ROUTE FAP 308 DESCRIPTION P92-061-03 IL 84 culvert at new River Ridge High School, .4 m. S. of Weston Road LOGGED BY J. Strating

SECTION 103M LOCATION Elizabeth Twp. - SW, SEC. 22, TWP. 27N, RNG. 2E

COUNTY JoDaviess DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO.
Station 46+96

BORING NO. B-2b
Station 47+11
Offset 13.00ft Lt CL
Ground Surface Elev. 99.8 ft

Surface Water Elev. None ft
Stream Bed Elev. 80.7 ft

Groundwater Elev.:
First Encounter 66.3 ft ▼
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM	97.30			0.75 P	18
VERY STIFF brown/gray SILTY LOAM	95.80		4 5 6	2.8 P	20
STIFF brown/gray SILTY LOAM	93.30	-5	3 3 4	1.5 P	16
Same as above	90.80		2 3 4	1.5 B	21
MEDIUM brown/gray SILTY CLAY LOAM	88.30	-10	2 4 5	0.9 B	30
STIFF brown SILTY LOAM	85.80		2 3 4	1.3 S	23
VERY STIFF SILTY CLAY LOAM	83.30	-15	2 3 7	2.0 P	22
STIFF brown SILTY CLAY LOAM	80.80		2 4 6	1.7 B	24
		-20			
STIFF gray SILTY CLAY LOAM with ORGANICS	78.30		3 5 6	1.5 P	24
MEDIUM dark gray SILTY LOAM with ORGANICS	75.80		1 3 5	0.8 B	30
STIFF black SILTY CLAY LOAM with ORGANICS	73.30	-25	2 4 6	1.5 P	28
STIFF gray SILTY CLAY with ORGANICS	70.80		1 2 5	1.7 B	27
STIFF gray SILTY CLAY	68.30	-30	2 3 5	1.4 B	28
LOOSE orange/tan weathered LIMESTONE	65.80		2 2 9		
VERY DENSE tan weathered LIMESTONE	64.80	-35	100/2" PEN		
End of Boring		-40			

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, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = Fri Mar 24 10:27:39 2006
FILE NAME = P:\Projects\BLOODY GULCH (64C26)\126.dgn
PLOT SCALE = 20.0000 ' / IN.
USER NAME = Nikki