

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. S26 OF S26 SHEETS
S.D.S.	①	GRUNDY	86	65	
F.A.U. 5952					
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

Q-BR

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 9/18/97

ROUTE FAU 5952 DESCRIPTION US 6 OVER NETTLE CREEK WEST OF MORRIS LOGGED BY K.W.

SECTION Q-BR LOCATION SE 14, SEC. 31, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 032-0076
Station 449+79.44

BORING NO. 1 EAST ABUT.
Station 450+42.44
Offset 13.00ft RT
Ground Surface Elev. 539.29 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
0	Surface Water Elev. 523.92 ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev.: _____ ft			
0	First Encounter _____ ft			
0	Upon Completion WASH _____ ft			
0	After _____ Hrs. _____ ft			
1	Medium Brown SILTY CLAY			
2	0.7 20.0			
3	P			
5				
3	0.8 19.0			
3	B			
529.79				
529.29	Loose Brown SAND			
	Medium Brown CLAY LOAM			
3	0.6 18.0			
3	S			
526.79				
-10	Loose Brown SAND & GRAVEL with Layers of Very Soft SANDY LOAM			
2	0.2 19.0			
2	P			
524.29				
16	Very Stiff Brown SILT & SILTY LOAM with Pebbles			
26	3.0P 11.0			
27	9.0			
521.79				
-15	Hard Gray SILTY LOAM TILL with Pieces of LIMESTONE			
24	4.0P 6.0			
21	P			
518.29				
20	4.0P 13.0			
100	13.0			
517.79				
58	9.0			
516.79				
516.29	-20 9.0			

End of Boring
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)

BORING #1
EAST ABUTMENT

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 9/18/97

ROUTE FAU 5952 DESCRIPTION US 6 OVER NETTLE CREEK WEST OF MORRIS LOGGED BY K.W.

SECTION Q-BR LOCATION SE 14, SEC. 31, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 032-0076
Station 449+79.44

BORING NO. 2 WEST ABUT.
Station 449+13.44
Offset 13.00ft LT
Ground Surface Elev. 536.42 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
0	Surface Water Elev. 523.92 ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev.: _____ ft			
0	First Encounter _____ ft			
0	Upon Completion _____ ft			
0	After _____ Hrs. _____ ft			
3	NO RECOVERY			
2				
3				
531.92				
-5	Medium Brown SILTY CLAY with GRAVEL Pieces (FILL)			
2	0.5 10.0			
2	P			
529.92				
1	AUGER REFUSAL AT 7 FEET. HIT EITHER BURIED CONCRETE, BOULDER, OR LIMESTONE RIP RAP(?)			
2	0.7 21.0			
4	P			
527.92				
-10	MEDIUM BROWN CLAY LOAM AND REFUSAL AND BROKE AUGER! MOVED BACK 8 FEET AND HIT REFUSAL AGAIN AND BROKE SECOND AUGER! MOVED LOCATION 2 A ON SOUTH SIDE OF ROAD. End of Boring			

End of Boring
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)

BORING #2
WEST ABUTMENT

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 1
Date 9/18/97

ROUTE FAU 5952 DESCRIPTION US 6 OVER NETTLE CREEK WEST OF MORRIS LOGGED BY K.W.

SECTION Q-BR LOCATION SE 14, SEC. 31, TWP. 34N, RNG. 7E, 3rd PM

COUNTY GRUNDY DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 032-0076
Station 449+79.44

BORING NO. 2A WEST ABUT.
Station 448+99.44
Offset 12.00ft RT
Ground Surface Elev. 536.43 ft

DEPTH (ft)	SOIL DESCRIPTION	WATER ELEV. (ft)	TESTS	REMARKS
0	Surface Water Elev. 523.92 ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev.: _____ ft			
0	First Encounter _____ ft			
0	Upon Completion DRY _____ ft			
0	After _____ Hrs. _____ ft			
5	Dense Weathered Calcareous SHALE or LIMESTONE (continued)			
18	4.5 11.0			
36	P			
514.43				
15	Dense Gray Calcareous SHALE to SILTSTONE			
33	10.0			
48				
510.93				
2	Very Stiff Gray SILTY CLAY TILL (FILL)			
3	2.5 20.0			
5	P			
527.43				
2	Medium Dark Gray CLAY LOAM with Pebbles			
3	3.5 19.0			
5	P			
524.93				
2	Loose Brown LOAM & GRAVEL			
4	0.7 21.0			
523.93				
8	Hard Gray CLAY			
6.1	19.0			
14	S			
521.93				
22	Stiff Gray SILT And SILTY LOAM TILL with LIMESTONE Pieces			
25	1.5 10.0			
20	P			
518.93				
45	Dense Weathered Calcareous SHALE or LIMESTONE			
41	8.0			
38				
-20				

End of Boring
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)

BORING #2A
WEST ABUTMENT

DESIGNED	UM
CHECKED	MRM
DRAWN	EBP
CHECKED	UM

DATE: 3/19/97

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
130 E. RANDOLPH STREET
CHICAGO, ILLINOIS 60601
JOB NO. 541



SOIL BORING LOG
U.S. ROUTE 6 OVER
NETTLE CREEK
FAU 5952-SEC. Q-BR
GRUNDY COUNTY
STATION 449+79.12
S.N. 032-0107