

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 5952/5817/US8	Q	GRUNDY	86	69
OF 84 SHEETS				
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

Q-BR

Soil Boring Log for WB1

ROUTE: FAU 5952/5817/US8, SECTION: Q, COUNTY: GRUNDY, LOCATION: SW 1/4 SEC. 31 TWP. 34N. R16E. T3. 3rd PM

DATE: 12/5/02, LOGGED BY: LM-1001

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	REMARKS
0	Surface Water Elev. _____ ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev. _____ ft			
0	First Encounter Upon Completion After _____ hrs			
0	Ground Surface Elev. _____ ft			
0	Hard Gray CLAY LOAM TILL with Minor SILT Layers			
1	TOP OF ROCK			
1	Hard Greenish Gray Weathered SHALE CARBONIFEROUS FORMATION PENNSYLVANIAN SYSTEM			
2	Very Stiff Brown SILTY CLAY LOAM			
3	Stiff Brown SILTY CLAY LOAM			
4	Loose Brown Medium to Coarse SAND (FILL)			
5	Very Stiff Dark Brown CLAY LOAM with 2' Medium to Coarse SAND LAYERS			
6	Hard Gray SILTY CLAY LOAM TILL			
7	Stiff Gray SILTY CLAY TILL			
8	Very Stiff Gray LOAM TILL			
9	Hard Gray LOAM TILL			
10	End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by B-Blogs, S-Share, P-Paramester!
The SPT (N) value is the sum of the last two blow values in each sampling zone (ASTM D 1586)

BBS, Form 137 (Rev. 8-99)

WB1

Soil Boring Log for WB2

ROUTE: FAU 5952/5817/US8, SECTION: Q, COUNTY: GRUNDY, LOCATION: SW 1/4 SEC. 31 TWP. 34N. R16E. T3. 3rd PM

DATE: 12/5/02, LOGGED BY: LM-1001

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	REMARKS
0	Surface Water Elev. _____ ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev. _____ ft			
0	First Encounter Upon Completion After _____ hrs			
0	Ground Surface Elev. _____ ft			
0	Very Stiff Gray SILTY CLAY LOAM TILL (continued)			
1	Stiff Brown SILTY CLAY LOAM with GRAVEL Pieces (FILL)			
2	Hard Brown Gray SILTY CLAY TILL			
3	TOP OF ROCK			
3	Very Stiff Greenish Gray Weathered SHALE			
4	Hard Gray SILTY CLAY LOAM TILL			
5	Hard Gray SILTY CLAY TILL			
6	Hard Gray SILTY CLAY TILL			
7	Very Stiff Gray SILTY CLAY LOAM TILL			
8	Hard Gray SANDY CLAY LOAM TILL			
9	Hard Gray SANDY CLAY LOAM TILL			
10	End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by B-Blogs, S-Share, P-Paramester!
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WB2

Soil Boring Log for WB3

ROUTE: FAU 5952/5817/US8, SECTION: Q, COUNTY: GRUNDY, LOCATION: SW 1/4 SEC. 31 TWP. 34N. R16E. T3. 3rd PM

DATE: 12/5/02, LOGGED BY: LM-1001

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	REMARKS
0	Surface Water Elev. _____ ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev. _____ ft			
0	First Encounter Upon Completion After _____ hrs			
0	Ground Surface Elev. _____ ft			
0	Hard Gray SANDY CLAY LOAM TILL (continued)			
1	Very Stiff Brown & Gray SILTY CLAY LOAM TILL			
2	Hard Gray SILTY CLAY LOAM TILL			
3	TOP OF ROCK			
3	Dense Greenish Gray Loamy SHALE			
4	Hard Gray CLAY TILL with Minor SILT Layers			
5	Very Stiff Gray SILTY CLAY			
6	Very Stiff Gray CLAY			
7	Very Stiff Gray SILTY CLAY TILL			
8	Stiff Gray SANDY CLAY LOAM TILL			
9	Hard Gray SANDY CLAY LOAM TILL			
10	End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by B-Blogs, S-Share, P-Paramester!
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WB3

Soil Boring Log for WB4

ROUTE: FAU 5952/5817/US8, SECTION: Q, COUNTY: GRUNDY, LOCATION: SW 1/4 SEC. 31 TWP. 34N. R16E. T3. 3rd PM

DATE: 1/11/03, LOGGED BY: BS-1001

DEPTH (ft)	SOIL DESCRIPTION	DRILLING METHOD	HAMMER TYPE	REMARKS
0	Surface Water Elev. _____ ft			
0	Stream Bed Elev. _____ ft			
0	Groundwater Elev. _____ ft			
0	First Encounter Upon Completion After _____ hrs			
0	Ground Surface Elev. _____ ft			
0	TOP OF ROCK			
0	Dense Greenish Gray SHALE (continued)			
1	Hard Brown SILTY CLAY TILL (FILL)			
2	Very Stiff Gray SILTY CLAY			
3	Very Stiff Gray CLAY			
4	Very Stiff Gray SILTY CLAY TILL			
5	Stiff Gray SILTY CLAY TILL			
6	Hard Gray LOAM TILL			
7	End of Boring			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by B-Blogs, S-Share, P-Paramester!
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WB4

DESIGNED	BLU
CHECKED	MRM
DRAWN	MRM
CHECKED	BLU

DATE: 3/19/07

SOIL BORINGS
RETAINING WALL #1
U.S. ROUTE 6
STA 442+85 TO STA. 445+45
FAU 5952-SEC. Q-BR
GRUNDY COUNTY

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

