

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	55-2	MCDONOUGH	1025	497
FED. ROAD DIST. NO. 4	ILLINOIS	FED. AID PROJECT		

Contract No. 68205

Illinois Department of Transportation SOIL BORING LOG Page 1 of 1
Date 4/2/04

ROUTE FAP 315 (IL 336) DESCRIPTION IL 336 Macomb to Carthage LOGGED BY KJT
SECTION 24.31.32 LOCATION SEC. TWP. RNG.
COUNTY McDonough DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. (S. ABUT)
Station 493+57
BORING NO. 49357 (B 112)
Station 493+57
Offset 0.00 ft (on CL)
Ground Surface Elev. 828.90 ft

DEPTH (ft)	SOIL DESCRIPTION	U.C.S. (psi)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)
0	Surface Water Elev. _____ ft								
0	Stream Bed Elev. _____ ft								
0	Groundwater Elev. _____ ft								
0	First Encounter Upon Completion _____ ft								
0	After 24 Hrs. not taken _____ ft								
0	Ground Surface Elev. 828.90 ft								
0.8	Dk. Br & Dk. Gray SILTY LOAM		1	0.8	32.8				
1.6			1	B					
2.4	Dk. Gray & Red Brown SILTY CLAY LOAM		2	1.1	23.5				
3.5			4	S					
4.6			4	S					
5.7	Dk. Gray & Brown SANDY CLAY LOAM		1	0.9	22.5				
6.6			3	S					
7.5	Gray & Brown SILTY LOAM		1	0.7	25.7				
8.2			3	B					
8.9	Gray & Brown SILTY CLAY LOAM		1	1.4	20.7				
10.3			2	B					
11.7	Brown & Gray Mottled SANDY CLAY LOAM		2	1.7	21.7				
13.4			3	B					
15.1	Brown & Gray SHALEY CLAY		2	1.3	17.1				
16.4			4	S					
17.8			4	S					
19.2			12	2.8	18.2				
22.0			25	1					

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 SOIL BORING LOG Page 1 of 1
Date 4/2/04

ROUTE FAP 315 (IL 336) DESCRIPTION IL 336 Macomb to Carthage LOGGED BY KJT
SECTION 24.31.32 LOCATION SEC. TWP. RNG.
COUNTY McDonough DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. (S. ABUT)
Station 493+10
BORING NO. 49310 (B 113)
Station 493+10
Offset 60.00 ft
Ground Surface Elev. 808.60 ft

DEPTH (ft)	SOIL DESCRIPTION	U.C.S. (psi)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)
0	Surface Water Elev. _____ ft								
0	Stream Bed Elev. _____ ft								
0	Groundwater Elev. _____ ft								
0	First Encounter Upon Completion _____ ft								
0	After 24 Hrs. 807.1 ft								
0	Ground Surface Elev. 808.60 ft								
0.8	Dk. Brown SILTY LOAM		1	0.4	25.7				
1.6			2	B					
2.4			1	0.5	20.9				
3.2			2	B					
4.0	Dk. Gr & Dk. Br SANDY CLAY LOAM		1	0.3	18.8				
4.8			2	B					
5.6			1	0.7	19.9				
6.4			3	B					
7.2			3	B					
8.0	Brown & Gray CLAY LOAM		2	2.1	21.0				
9.6			3	B					
11.2	reddish-brown		1	1.8	17.2				
13.6			4	S					
15.2	Dk. Gray CLAY		2	1.7	21.1				
16.8			3	S					
18.4			2	0.8	20.6				
19.2	Brown Coarse SAND		3	B	20.3				

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 SOIL BORING LOG Page 1 of 1
Date 4/5/04

ROUTE FAP 315 (IL 336) DESCRIPTION IL 336 Macomb to Carthage LOGGED BY KJT
SECTION 24.31.32 LOCATION SEC. TWP. RNG.
COUNTY McDonough DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO. (N. ABUT)
Station 496+13
BORING NO. 49613 (B 114)
Station 496+13
Offset 55.00 ft
Ground Surface Elev. 812.50 ft

DEPTH (ft)	SOIL DESCRIPTION	U.C.S. (psi)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)	Penetration (lb/ft)
0	Surface Water Elev. _____ ft								
0	Stream Bed Elev. _____ ft								
0	Groundwater Elev. _____ ft								
0	First Encounter Upon Completion _____ ft								
0	After 24 Hrs. 808.7 ft								
0	Ground Surface Elev. 812.50 ft								
0.8	Dk. Br & Brown SILTY LOAM		1	0.8	25.0				
1.6			1	B					
2.4			1	0.5	28.3				
3.2			2	B					
4.0	Dk. Gr & Brown SANDY CLAY LOAM		1	0.8	21.5				
4.8			2	B					
5.6			1	0.4	22.9				
6.4			2	B					
7.2			1	0.3	24.2				
8.0			1	B					
8.8	Brown & Gray Coarse SAND		2	20.6					
9.6			1	1.5	13.6				
10.4			1	20.1					
11.2			1	46	13.3				
12.0			2	20.3					
12.8			2	1.2	42.0				
13.6			2	B					

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)

DESIGNED	PJL
CHECKED	LLV
DRAWN	MGM
CHECKED	PJL

BORING LOGS
IL. ROUTE 336 OVER
TRIBUTARY TO
KILLJORDAN CREEK
F.A.P. ROUTE 315 SECT. 55-2
MCDONOUGH COUNTY
STATION 494+75.00
STRUCTURE NO. 055-0060 (EB)
STRUCTURE NO. 055-0061 (WB)

STS CONSULTANTS
111 NE Jefferson Ave.
Peoria, Illinois 61602
Ph (309) 676-8464
FAX (309) 676-5445
IL Design Firm Reg. No. 184-001518