CONTRACT NO. 88518

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	•	FULTON	329	93
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*109W-1,RS-2;110W,RS-1

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 52305

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109,110)W&RS-1 LOCATION , SEC. , TWP. , RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.
Station

BORING NO. 60150
Station 601+50
Offset 50.00ft Lt
Ground Surface Elev. 492.40 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 485.4 ft
Upon Completion 491.4 ft
After 24 Hrs. 486.9 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gr, Br SILTY CLAY LOAM	1		
	1	1.8	20.0
	2	P	
488.40			
Gr, Br SILTY LOAM	1		
-5	2	2.0	18.0
	1	P	
	1		
	H		
	1	0.5	27.0
	1	P	
-10	1	0.6	40.0
	1	B	
	1		
	1	0.9	26.0
	1	B	
478.40			
Gr Br SILTY PEAT	1		
-15	1	1.1	86.0
	2	B	
475.90			
Gr, Br SILTY CLAY	1		
	1	1.0	27.0
	2	B	
	1		
472.40 -20	2	1.2	25.0

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gr, Med SAND & GRAVEL 471.90	2	B	26.0
Gr Br, Gr CLAY LOAM	1		
	3	2.3	17.0
some shaley clay	4	B	
468.40			
Gr SHALEY CLAY	7		
-25	18	4.5	10.0
	30	P	
tr of coal	11		
	50	4.5	9.0
463.40	32	P	
Gr SHALE	33		
-30	80	4.5	6.0
462.90	20@1"	P	
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
IDOT

SOIL BORING LOG

Page 1 of 1

Date 51706

ROUTE FAP 315 (US 136) DESCRIPTION Duncan Mills to 3 mi West LOGGED BY JAR

SECTION (109,110)W&RS-1 LOCATION , SEC. , TWP. , RNG.

COUNTY FULTON DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO.
Station

BORING NO. 60240
Station 602+40
Offset 55.00ft Rt
Ground Surface Elev. 495.30 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 473.3 ft
Upon Completion 484.1 ft
After 24 Hrs. 487.5 ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
NO SAMPLE TAKEN			
493.80			
Dk Brown, Brown SILTY CLAY	1		
LOAM	1	1.8	24.0
	2	P	
491.80			
Brown, Grey SILTY LOAM	1		
-5	1	1.0	26.0
	1	B	
	H		
	1	0.5	32.0
	1	B	
	1		
-10	1	0.3	48.0
	2	B	
	1		
	1	1.0	42.0
	1	B	
	1		
-15	1	1.0	41.0
	2	B	
.25" sand			
tr of wood fragments	1		
	1	0.8	42.0
	1	B	
	1		
-20	1	1.0	38.0

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown, Grey SILTY LOAM	4	B	
(continued)			
1" med sand & gravel			
	1		
	1	0.9	45.0
	1	B	
	1		
-25	1	1.0	37.0
	2	B	
	2		
3" sand & water			
	1	1.0	30.0
	3	B	
466.30			
Grey SAND & GRAVEL	10		18.0
-30	7		
465.80			
Grey SHALEY CLAY	9	3.8	14.0
		P	
	7		
	14	4.5	11.0
	31	P	
	8		
-35	30	4.5	11.0
	57	P	
	88		
458.10	100@2"	4.5	10.0
End of Boring		P	
-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

BORING LOGS STATION 601+79.18

SCALE: VERT. NONE
HORIZ.
DATE 11/09/06

DRAWN BY CEM
CHECKED BY CEM

PLOT DATE = 9/25/2007
FILE NAME = c:\projects\us136aun\us136culverts.dgn
PLOT SCALE = 100.000 '/ IN.
USER NAME = mcochardce