STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	24(B-1)	HANCOCK	433	197
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
6 SHEETS

Contract #68206

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 2/23/00

ROUTE IL 336 DESCRIPTION IL 336 from Hancock Co. to Macomb LOGGED BY D. ANDERSON

SECTION 24, 31, 32 LOCATION , SEC. , TWP. , RNG.

COUNTY McDon. & Hancock DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station

BORING NO. CB-38
Station 1409+31
Offset 84.65ft Lt.
Ground Surface Elev. 526.05 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 516.2 ft
Upon Completion 518.2 ft
After 24 Hrs. 519.2 ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
526.05 DK BR SILTY CLAY LOAM, A-6 W/ROOTS & FIBERS			34.0
	2		
BR, DK BR & GR SILTY CLAY LOAM, A-6	3	3.3	19.0
	4		
	4		
	3	1.1	23.0
-5	4		
519.55	1	1.8	23.0
BR SAND, A-1-b	3		19.0
518.05	4		
DK GR TO GR SILTY LOAM, A-4 TO A-6	1		
	0		33.0
-10	0		
515.55 DK GR SANDY LOAM, A-2-4			
	0		
	1		24.0
	3		
	0		
	1		20.0
-15 WOOD FIBERS	1		
510.55 RD BR TO DK GR SAND, A-1-b			
	0		
	2		17.0
	2		
508.05 RD BR SAND, A-1-b			
	1		
	1		11.0
-20	5		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
505.55 RD BR SAND, A-1-b (continued)			
BR & GR GRAVELLY SAND, A-1-b	7		
	10		9.0
	8		
502.05	13		10.0
GR SANDY GRAVEL, A-1-a	20		7.0
-25	29		
500.55 GR LIMESTONE FRAGMENTS	12		
	46		7.0
498.55	100@1.5"		
Borehole continued with rock coring.	100@1"		11.0
-30			
-35			
-40			

Borehole continued with rock coring.
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

ROCK CORE LOG

Page 2 of 2

Date 2/23/00

ROUTE IL 336 DESCRIPTION IL 336 from Hancock Co. to Macomb LOGGED BY D. ANDERSON

SECTION 24, 31, 32 LOCATION , SEC. , TWP. , RNG.

COUNTY McDon. & Hancock CORING METHOD

STRUCT. NO.
Station

BORING NO. CB-38
Station 1409+31
Offset 84.65ft Lt.
Ground Surface Elev. 526.05 ft

CORING BARREL TYPE & SIZE NX

Core Diameter in
Top of Rock Elev. 498.55 ft
Begin Core Elev. 498.55 ft

DEPTH (ft)	CORE (#)	RECOVERY (%)	RQD (%)	CORE STRENGTH (mn/ft)	STRENGTH (tsf)
498.55 GR FRACTURED LIMESTONE		100	0		
-30					
495.15 GR LIMESTONE					
		100	68		
-35					
488.45 End of Boring					
-40					
-45					

Color pictures of the cores
Cores will be stored for examination until
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BBS, form 138 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 1

Date 2/23/00

ROUTE IL 336 DESCRIPTION IL 336 from Hancock Co. to Macomb LOGGED BY D. ANDERSON

SECTION 24, 31, 32 LOCATION , SEC. , TWP. , RNG.

COUNTY McDon. & Hancock DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.
Station

BORING NO. CB-39
Station 1409+72
Offset 8.86ft Rt.
Ground Surface Elev. 530.61 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 514.5 ft
Upon Completion 518.1 ft
After 24 Hrs. 518.5 ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
FILL: DK BR, BR & GR SILTY CLAY LOAM, A-6			28.0
	2		
	3	1.4	24.0
	4		
	2		
	2	1.0	24.0
-5	3		
524.11	2	1.0	23.0
FILL: GR SAND, A-1-b (STONE & GRAVEL SCREENINGS)	3		6.0
	4		
	2		
	3		6.0
-30	4		
519.11	0		15.0
DK GR TO GR & RD BR SILTY CLAY LOAM, A-6	0	0.6	25.0
	2		
517.61 DK GR TO GR SILTY LOAM, A-4 TO A-6	1		
	0	0.5	27.0
-15	0		
515.11 DK GR SANDY LOAM, A-2-4	1		
	1		22.0
	1		
	2		
	1		20.0
-20	4		

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
509.61 DK GR SANDY LOAM, A-2-4 (continued)			
RD BR TO DK GR SAND, A-1-b	1		
	1		18.0
	3		
506.66	8		16.0
GR SAND, A-2-4 506.59	10		10.0
BR & GR GRAVELLY SAND, A-1-b	12		
-25			
	13		
	17		10.0
	23		
	8		
	17		10.0
-30	20		
489.41 GR FRACTURED LIMESTONE	100@1.5"		14.0
486.91 GR LIMESTONE			
FRACTURED SEAM			
484.41 End of Boring	100@0"		
-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)

DESIGNED	RMK
CHECKED	NJM
DRAWN	KBF
CHECKED	NJM

BORING LOGS
ILLINOIS ROUTE 336 OVER TRIBUTARY OF THE EAST FORK OF THE LAMOINE RIVER
F.A.P. ROUTE 315 - SECTION 24(B-1)
HANCOCK COUNTY
STA. 1409+52.15
STRUCTURE NO. 034-2007