

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 315	34-6, 55-1	HANCOCK	433	230
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 32
36 SHEETS

Contract #68206



Illinois Department
of Transportation
Division of Highways
DOT

SOIL BORING LOG

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Date 2/22/00

ROUTE IL 336 DESCRIPTION Proposed IL 336 over E. Fork of Lamoine R. LOGGED BY D. ANDERSON
SECTION 24, 31, 32 LOCATION SEC., TWP., RNG.
COUNTY McDon. & Hancock DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. Station	D E P T H	B L O W S	U C I S T	M O S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
BORING NO. BB-62 W Abut. WBL Station 1430+46 Offset 60.00ft LT Ground Surface Elev. 535.70 ft					Groundwater Elev.: First Encounter DRY ft Upon Completion 532.1 ft After 24 Hrs. 530.8 ft
DK BR SILTY CLAY LOAM, A-6 W ROOTS & FIBERS 534.70				25.0	
BR & GR SILTY LOAM, A-4 532.70	6			10.0	
RD BR, BR & GR CLAY LOAM, A-6 527.70	8			12.0	
RD BR, BR & GR SILTY CLAY LOAM, A-7-6 526.20	8	3.9		10.0	
GR WEATHERED LIMESTONE W CLAY SEAMS 524.70	43			3.0	
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, form 137 (Rev. 8-99)



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ROCK CORE LOG

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Date 2/22/00

ROUTE IL 336 DESCRIPTION Proposed IL 336 over E. Fork of Lamoine R. LOGGED BY D. ANDERSON
SECTION 24, 31, 32 LOCATION SEC., TWP., RNG.
COUNTY McDon. & Hancock CORING METHOD

STRUCT. NO. Station	CORING BARREL TYPE & SIZE	D C O R E D I A M E T E R	C O R E L E N G T H	R E C O R D E D M I N I T I A L S T R E N G T H	C O R E S T R E N G T H
BORING NO. BB-62 W Abut. WBL Station 1430+46 Offset 60.00ft LT Ground Surface Elev. 535.70 ft					
GR WEATHERED LIMESTONE 524.70	NX			48	0
GR LIMESTONE 522.20				100	86
520.6					
518.70					
End of Boring					

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-938)

BBS, form 138 (Rev. 8-99)



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DOT

SOIL BORING LOG

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Date 2/22/00

ROUTE IL 336 DESCRIPTION Proposed IL 336 over E. Fork of Lamoine R. LOGGED BY D. ANDERSON
SECTION 24, 31, 32 LOCATION SEC., TWP., RNG.
COUNTY McDon. & Hancock DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. Station	D E P T H	B L O W S	U C I S T	M O S T	Surface Water Elev. _____ ft Stream Bed Elev. _____ ft
BORING NO. BB-63 W Abut. Station 1430+76 Offset 0.00ft (on CL) Ground Surface Elev. 535.30 ft					Groundwater Elev.: First Encounter NONE ft Upon Completion 528.7 ft After 24 Hrs. 528.7 ft
DK BR SILTY CLAY LOAM, A-6 W ROOTS & FIBERS 534.30				25.0	
BR & GR SILTY CLAY, A-7-6 529.50	4			27.0	
RD BR & RD BR SILTY CLAY LOAM, A-6 527.30	4			23.0	
RD BR & BR SANDY LOAM, A-4 524.50	4			14.0	
GRN GR CLAY SHALE 521.80	7			17.0	
GR LIMESTONE 518.80	100@ 0"			14.0	
End of Boring	100@ 0"			6.0	

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, form 137 (Rev. 8-99)

DESIGNED	KLH
CHECKED	EML
DRAWN	KBF
CHECKED	KPH

HORNER & SHIFRIN, INC.
ENGINEERS ■ ARCHITECTS ■ PLANNERS

BORING LOGS
ILLINOIS ROUTE 336 OVER
EAST FORK OF THE LAMOINE RIVER
F.A.P. ROUTE 315 - SECTION 34-6, 55-1
HANCOCK COUNTY; STA. 1432+02.61
STRUCTURE NO. 034-0511 (E.B.)
STRUCTURE NO. 034-0512 (W.B.)