



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 1 of 2

Date 11/28/08

ROUTE FAP 742 DESCRIPTION P92-056-07 IL 2 Bridge over BNSF RR, 500' South of Pines road LOGGED BY W. Garza
SECTION 38 VBR-1 LOCATION Oregon Twp. - 9 NE. SEC., TWP. 23N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
BORING NO.	P	W	S	Q	ft	P	W	S	Q
Station	H	S	Qu	T	ft	H	S	Qu	T
Offset	(ft)	(#)	(tsf)	(%)	ft	(ft)	(#)	(tsf)	(%)
071-0026 514+61					702.00				
B-2 (S. Abut.) 512+88					663.5				
13,000 R.L.C.L.									
728.50									
10.5' Concrete Shoulder									
STIFF green SILTY CLAY LOAM									
728.50									
MEDIUM brown dirty SAND									
724.50									
MEDIUM tan clean medium coarse SAND									
722.00									
MEDIUM brown dirty SAND									
719.00									
STIFF brown SILTY CLAY LOAM with SAND lens									
716.50									
LOOSE brown dirty SAND									
714.00									
STIFF brown SANDY LOAM with SAND lens									
712.00									
MEDIUM brown SANDY LOAM									
709.50									

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 T208)
BBS, from 137 (Rev. 8-98)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 2 of 2

Date 11/28/08

ROUTE FAP 742 DESCRIPTION P92-056-07 IL 2 Bridge over BNSF RR, 500' South of Pines road LOGGED BY W. Garza
SECTION 38 VBR-1 LOCATION Oregon Twp. - 9 NE. SEC., TWP. 23N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
BORING NO.	P	W	S	Q	ft	P	W	S	Q
Station	H	S	Qu	T	ft	H	S	Qu	T
Offset	(ft)	(#)	(tsf)	(%)	ft	(ft)	(#)	(tsf)	(%)
071-0026 514+61					702.00				
B-2 (S. Abut.) 512+88					663.5				
13,000 R.L.C.L.									
728.50									
DENSE tan fine SAND									
687.00									
MEDIUM tan fine SAND									
684.50									
DENSE tan fine SAND									
682.00									
DENSE tan fine SAND									
679.50									
DENSE tan fine SAND									
677.00									
DENSE rusty yellow fine SAND									
672.00									
DENSE tan fine SAND									
669.50									

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 T208)
BBS, from 137 (Rev. 8-98)



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 1 of 1

Date 1/22/09

ROUTE FAP 742 DESCRIPTION P92-056-07 IL 2 Bridge over BNSF RR, 500' S. of River Road LOGGED BY W. Garza
SECTION 38 VBR-1 LOCATION Oregon Twp. - 9 NE. SEC., TWP. 23N, RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	ft	E	L	C	O
BORING NO.	P	W	S	Q	ft	P	W	S	Q
Station	H	S	Qu	T	ft	H	S	Qu	T
Offset	(ft)	(#)	(tsf)	(%)	ft	(ft)	(#)	(tsf)	(%)
071-0026 514+61					702.00				
B-3 (N. Abut.) 510+12									
13,000 R.L.C.L.									
728.50									
Concrete Road Rock									
707.00									
LOOSE tan fine SAND									
724.50									
MEDIUM tan fine SAND									
722.00									
MEDIUM tan fine SAND									
719.50									
MEDIUM tan fine SAND									
717.00									
MEDIUM tan fine SAND									
714.00									
STIFF gray SANDY LOAM									
712.00									
VERY DENSE light tan fine SAND									
692.00									
End of Boring									
710.00									

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 T208)
BBS, from 137 (Rev. 8-98)

T:\S015-Proseal\11-28-08\Structure\Boring\11.2.dgn, 07/18/09 9:54:06 AM, 4236-SB02.dgn

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS AND PLANNERS
20 N. WACKER DRIVE, SUITE 1200
CHICAGO, ILLINOIS 60606

USER NAME =	DESIGNED -	REVISED -
FILE NAME = 0710026-64016-026-SB02.dgn	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS II
STRUCTURE 071-0097

SHEET NO. 26 OF 26 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	38VBR-1	OGLE	87	87
CONTRACT NO. 64D16			ILLINOIS FED. AID PROJECT	