



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

SOIL BORING LOG

Page 1 of 2

Date 11/19/00

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

STRUCT. NO. 071-0026
Station 514+61
BORING NO. B-1 (N. Pier)
Station 515+07
Offset 44.00R R.L. Cl.
Ground Surface Elev. 702.00 ft

DEPTH (ft)	UCS (lb/ft ²)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	UCS (lb/ft ²)	MOISTURE (%)	DESCRIPTION
700.00	0.3 P		SOFT brown SANDY LOAM	680.50			VERY DENSE tan fine SAND 100/2'
698.00	2		VERY LOOSE brown dirty SAND	678.00			
695.50	7		MEDIUM yellow fine SAND	675.50			
693.00	33		VERY DENSE yellow tan fine SAND	673.00			
690.50	30		VERY DENSE yellow tan fine SAND	670.50			
688.00	100/5'		VERY DENSE yellow tan fine SAND	668.00			
685.50	100/7'		VERY DENSE tan fine SAND	665.50			VERY DENSE yellow fine SAND 100/2'
683.00				663.00			

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 T206)
BBS, from 137 (Rev. 8-89)



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DEPTH (ft)	UCS (lb/ft ²)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	UCS (lb/ft ²)	MOISTURE (%)	DESCRIPTION
660.50			VERY DENSE tan fine SAND 100/2'	658.00			
655.50			VERY DENSE tan fine SAND 100/1'	655.50			
			End of Boring				

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. 8-89)

TY:5015-Phase II - IL - 2411 - 2615-Struct.dgn\11.2.dgn 07/18/97 6:01:05 PM - 025-5821.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 = 0710097-64016-025-5821.dgn	CHECKED -	REVISED -
PLOT SCALE =	DRAWN -	REVISED -
PLOT DATE =	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS I
STRUCTURE 071-0097**

SHEET NO. 25 OF 26 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	38VBR-1	OGLE	87	86
CONTRACT NO. 64D16			ILLINOIS FED. AID PROJECT	