

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

SOIL BORING LOG

Page 1 of 2

Date 2/25/08

ROUTE FA 742 DESCRIPTION P02-064-86 IL 2 retaining wall, N. of Oregon
Across from Cartwright Lane LOGGED BY W. Garza
SECTION 37 R-3 LOCATION Oregon Twp. - 3 NW. SEC. , TWP. 23N. RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
BORING NO.	P	O	S	I	Groundwater Elev.:	T	B	U	M
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset	(ft)	(/6")	(tsf)	(%)	Upon Completion	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	After	(ft)	(/6")	(tsf)	(%)
6-8" Concrete pavement beneath shoulder stone.			0.3	15.0	MEDIUM tan SANDY GRAVEL (continued)	683.30	9	10	
SOFT dry brown LOAM	682.30				MEDIUM tan clean medium coarse SAND		8		
VERY STIFF brown SILTY CLAY LOAM		4				680.80	14		
	680.80	5	2.9	20.0			12		
		7	B						
VERY STIFF brown SANDY LOAM with SAND lens		3			Wash		0		
	677.80	2	2.5	18.0	MEDIUM tan SANDY GRAVEL	668.30	12		
		4	P				14		
MEDIUM brown dry clean medium coarse SAND	675.80				MEDIUM tan SANDY GRAVEL		9		
		5				655.80	15		
		9					13		
DENSE tan dry clean medium coarse SAND	673.30	15			Wash		8		
		15			MEDIUM tan SANDY GRAVEL	663.30	10		
		26					15		
DENSE tan clean medium coarse SAND	670.80	8			MEDIUM/DENSE tan clean medium coarse SAND	650.80	14		
		14					14		
		10					16		
DENSE tan clean medium coarse SAND	668.30	14			DENSE tan clean medium coarse SAND		8		
		26				648.30	16		
		23					16		
wash		7			Wash		9		
MEDIUM tan SANDY GRAVEL	665.80	5			MEDIUM tan clean medium coarse GRAVEL with medium GRAVEL	645.80	9		
		8					9		
MEDIUM tan SANDY GRAVEL		4					6		

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
Illinois Department of Transportation D-2

SOIL BORING LOG

Page 2 of 2

Date 2/25/08

ROUTE FA 742 DESCRIPTION F92-064-86 IL 2 retaining wall, N. of Oregon
Across from Cartwright Lane LOGGED BY W. Garza
SECTION 37 R-3 LOCATION Oregon Twp. - 3 NW. SEC. , TWP. 23N. RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
BORING NO.	P	O	S	I	Groundwater Elev.:	T	B	U	M
Station	H	S	Qu	T	First Encounter	H	S	Qu	T
Offset	(ft)	(/6")	(tsf)	(%)	Upon Completion	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	After	(ft)	(/6")	(tsf)	(%)
Wash							9		
MEDIUM tan clean medium coarse SAND (continued)	643.30						12		
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. 8-99)

DESIGNED	DFM
CHECKED	DSG
DRAWN	EBS
CHECKED	DFM

Howard R. Green Company

BORING LOGS
IL. RTE. 2
RETAINING WALL B
STA. 634+70.00 TO STA. 637+05.00

SHEET NO. 8	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37 R-3	OGLE	345	168
12 SHEETS	SN 071-7002		CONTRACT NO. 84788		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					