

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 1

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. - 10 SW. SEC. TWP. 24N. RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
BORING NO.	Station	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O
	Offset	H	W	S	I	Groundwater Elev.:		T	S	Q	T
	Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	First Encounter	ft	(ft)	(/6")	(tsf)	(%)
	872+00					674.8	ft				
	13.00ft LI CL					Wash	ft				
	684.30					After	Hrs.				
LOOSE brown dirty SAND						MEDIUM tan SANDY GRAVEL (continued)	663.30	6			
	582.30							9			
						MEDIUM tan SANDY GRAVEL		8			
	680.90						660.80	9			
								13			
LOOSE/MEDIUM tan clean medium coarse SAND						Wash		5			
	678.30					MEDIUM tan SANDY GRAVEL	658.30	6			
								11			
						MEDIUM tan clean medium coarse SAND		2			
	675.90						655.80	4			
								9			
LOOSE tan clean medium coarse SAND						Wash		4			
	673.30					MEDIUM tan clean medium coarse SAND with medium GRAVEL	653.30	8			
								12			
						End of Boring					
	670.80										
Wash											
LOOSE tan clean medium coarse SAND											
	668.30										
	665.80										
MEDIUM tan SANDY GRAVEL											

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. 8-99)



SOIL BORING LOG

Page 1 of 1

ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, I.L. 2. 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza
SECTION 37 RS-3 LOCATION Rockvale Twp. - 28 NW. SEC. TWP. 24N. RNG. 10E
COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	ft	D	B	U	M
BORING NO.	Station	E	L	C	O	Stream Bed Elev.	ft	E	L	C	O
	Offset	H	W	S	I	Groundwater Elev.:		T	S	Q	T
	Ground Surface Elev.	(ft)	(/6")	(tsf)	(%)	First Encounter	ft	(ft)	(/6")	(tsf)	(%)
	871+06					673.8	ft				
	13.00ft LI CL					Wash	ft				
	663.80					After	Hrs.				
LOOSE brown dirty SAND						Wash		1			
						LOOSE tan clean medium coarse SAND	662.30	2			
	681.30							5			
						wash					
	679.80					MEDIUM tan clean medium coarse SAND	659.80	5			
								6			
LOOSE tan fine SAND						Wash		6			
	677.30					Same as above	657.30	3			
								5			
	674.80					Wash		12			
						MEDIUM tan clean medium coarse SAND with medium GRAVEL	654.80	1			
								6			
LOOSE tan clean medium coarse SAND						Wash		9			
	672.30					MEDIUM tan clean medium coarse SAND with medium GRAVEL	652.30	7			
								9			
						End of Boring		10			
	669.80										
LOOSE tan clean medium coarse SAND											
	667.30										
Wash											
MEDIUM tan clean medium coarse SAND											
	664.80										

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. 8-99)

DESIGNED	CTH
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

SHEET NO. 14	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	742	37R-4	OGLE	867	249
18 SHEETS	CONTRACT NO. 64E17				
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					