

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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ROUTE FA 742 DESCRIPTION P92-064-86 Retaining wall, IL 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 _____
BORING NO. B-5e
Station 870+00
Offset 13.00R LL CL
Ground Surface Elev. 683.30 ft (ft) (ft) (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)
91.00	Surface Water Elev.	91.00			
	Stream Bed Elev.				
673.3	Groundwater Elev.: First Encounter	673.3			
	Upon Completion				
	Wash				
	After Hrs.				
681.80	MEDIUM tan clean medium coarse SAND	4			
		8			
		12			
679.30	Wash Same as above	6			
		8			
		10			
678.80	Wash LOOSE tan fine SAND	2			
		3			
		4			
674.30	MEDIUM tan clean medium coarse SAND	6			
		7			
		8			
671.80	Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL	2			
		6			
		7			
669.30	End of Boring				
666.80	MEDIUM tan clean medium coarse SAND	2			
		5			
		7			
664.30	Wash LOOSE tan clean medium coarse SAND with medium GRAVEL	1			
		3			
		7			

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)



SOIL BORING LOG

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ROUTE FA 742 DESCRIPTION P92064-86 Retaining wall, IL 2, 2.8 m. N. of Mud Creek Road LOGGED BY W. Garza

SECTION 37 RS-3 LOCATION Rockvale Twp. 10SW, SEC. TWP. 24N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. _____
Station _____
BORING NO. B-6e
Station 869+00
Offset 13.00R LL CL
Ground Surface Elev. 681.70 ft (ft) (ft) (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	BLUES (ft)	UCS (tsf)	MOIST (%)
91.00	Surface Water Elev.	91.00			
	Stream Bed Elev.				
671.7	Groundwater Elev.: First Encounter	671.7			
	Upon Completion				
	Wash				
	After Hrs.				
679.20	Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL	2			
		6			
		8			
677.70	Same as above	4			
		7			
		13			
675.20	Wash LOOSE brown dirty SAND	1			
		2			
		3		14.0	
672.70	Wash MEDIUM tan clean medium coarse SAND with medium GRAVEL	5			
		10			
672.70	Wash MEDIUM tan SANDY GRAVEL	8			
		10			
		15			
670.20	Wash LOOSE tan clean medium coarse SAND	2			
		3			
		5			
667.70	End of Boring				
665.20	LOOSE tan clean medium coarse SAND	1			
		2			
		6			
662.70	LOOSE/MEDIUM tan clean medium coarse SAND	0			
		3			
		7			

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)

DESIGNED	CTH
CHECKED	DFM
DRAWN	CTH
CHECKED	DFM

Howard R. Green Company

BORING LOGS
STRUCTURE NO. 071-7005

SHEET NO. 15	F.A.P. RTE. 742	SECTION 37R-4	COUNTY OGLE	TOTAL SHEETS 867	SHEET NO. 250
18 SHEETS	CONTRACT NO. 64E17			FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT	