85531

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Peru, IL 61354
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BORING LOG Sheet 1 of 4

Client: Willet Hofmann & Associates
Project Name: Culvert Replace N. Bolton Rd. Over Preston Creek
Project Site: Harlem Rd. District Sec 10-06118-00-BR, Stephenson County, IL.
Location: 6-feet right of station 19+75

Boring No. B-1
Surface Elev. 790.78
Auger Depth 66'
Start Date 10/09/10
Rotary Depth NA
Finish Date 10/09/10
DRILLED BY: Randy Saftawski, CME-55; Diedrich D-120

(DEPTH) ELEV. 790.78	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
789.78	Crushed Stone (Fill)	1	1	SS	---	26	---	8		
784.78		5	2	SS	---	23	---	10		
783.78	Stiff Black To Brownish Black Silty Clay	7	3	SS	1.4	11	S	22		
779.78		11	4	SS	1.2	8	B	27		
776.78		14	5	SS	1.0	7	B	28		
775.78	Dense Gray Fine Sand And Fine Gravel	15	6	SS	---	32	---	---		
772.78		18	7	SS	---	34	---	---		
770.78		20	8	SS	---	48	---	---		

Groundwater Data: Static water level after auger removal - Elevation 776.0
Comments:

BORING LOG Sheet 2 of 4

Client: Willet Hofmann & Associates
Project Name: Culvert Replace N. Bolton Rd. Over Preston Cree
Project Site: Harlem Rd. District Sec 10-06118-00-BR, Stephenson County, IL.
Location: 6-feet right of station 19+75

Boring No. B-1
Surface Elev. 790.78
Auger Depth 66'
Start Date 10/09/10
Rotary Depth NA
Finish Date 10/09/10
DRILLED BY: Randy Saftawski, CME-55; Diedrich D-120

(DEPTH) ELEV. 768.78	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
768.78	Very Stiff Brownish Gray Clay	22	9	SS	2.7	18	B	17		
763.78	Hard Brownish Gray Clay Till	27	10	SS	2.6	16	B	18		
758.78		32	12	SS	5.4	25	B	16		
753.78	Medium Gray Alternating Seams of Clay, Silt And Fine Sand	37	14	SS	4.7	22	B	17		
749.78		41	16	SS	---	14	---	21		

Groundwater Data: Static water level after auger removal - Elevation 776.0
Comments:

BORING LOG Sheet 3 of 4

Client: Willet Hofmann & Associates
Project Name: Culvert Replace N. Bolton Rd. Over Preston Cree
Project Site: Harlem Rd. District Sec 10-06118-00-BR, Stephenson County, IL.
Location: 6-feet right of station 19+75

Boring No. B-1
Surface Elev. 790.78
Auger Depth 66'
Start Date 10/09/10
Rotary Depth NA
Finish Date 10/09/10
DRILLED BY: Randy Saftawski, CME-55; Diedrich D-120

(DEPTH) ELEV. 748.78	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
748.78	Medium Gray Alternating Seams of Clay, Silt And Fine Sand	42	18	SS	---	17	---	22		
		52	20	SS	---	18	---	21		
		57	22	SS	---	18	---	22		
		62	24	SS	---	16	---	20		

Groundwater Data: Static water level after auger removal - Elevation 776.0
Comments:

BORING LOG Sheet 4 of 4

Client: Willet Hofmann & Associates
Project Name: Culvert Replace N. Bolton Rd. Over Preston Cree
Project Site: Harlem Rd. District Sec 10-06118-00-BR, Stephenson County, IL.
Location: 6-feet right of station 19+75

Boring No. B-1
Surface Elev. 790.78
Auger Depth 66'
Start Date 10/09/10
Rotary Depth NA
Finish Date 10/09/10
DRILLED BY: Randy Saftawski, CME-55; Diedrich D-120

(DEPTH) ELEV. 727.78	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
727.78	Medium Gray Silt	63	26	SS	---	18	---	18		
724.78	Bottom of Boring									

Groundwater Data: Static water level after auger removal - Elevation 776.0
Comments:

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BORING LOG Sheet 1 of 3

Client: Willet Hofmann & Associates
Project Name: Culvert Replace N. Bolton Rd. Over Preston Creek
Project Site: Harlem Rd. District Sec 10-06118-00-BR, Stephenson County, IL.
Location: 6-feet right of station 20+17

Boring No. B-2
Surface Elev. 790.70
Auger Depth 66'
Start Date 10/09/10
Rotary Depth NA
Finish Date 10/09/10
DRILLED BY: Randy Saftawski, Diedrich D-120

(DEPTH) ELEV. 790.70	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
789.70	Dense To Medium Crushed Stone (Fill)	3	1	SS	---	31	---	8		
786.70	Medium Black And Brown Clay (Fill)	6	2	SS	---	16	---	18		
783.70	Stiff Black Silty Clay	8	3	SS	1.3	8	B	24		
779.70	Medium Brownish Black Silty Clay	12	4	SS	1.2	8	B	25		
776.70	Medium To Dense Gray Fine Sand And Fine Gravel	14	5	SS	0.8	6	B	31		
772.70	Very Dense Gray Coarse Gravel	19	7	SS	---	33	---	---		
770.70		20	8	SS	---	63	---	---		

Groundwater Data: Static water level after auger removal - Elevation 776.0
Comments:

BORING LOG Sheet 2 of 3

Client: Willet Hofmann & Associates
Project Name: Culvert Replace N. Bolton Rd. Over Preston Cree
Project Site: Harlem Rd. District Sec 10-06118-00-BR, Stephenson County, IL.
Location: 6-feet right of station 20+17

Boring No. B-2
Surface Elev. 790.70
Auger Depth 66'
Start Date 10/09/10
Rotary Depth NA
Finish Date 10/09/10
DRILLED BY: Randy Saftawski, Diedrich D-120

(DEPTH) ELEV. 769.70	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
768.70	Very Stiff Brownish Gray Clay	22	9	SS	2.4	14	B	18		
763.70	Hard Brownish Gray Clay Till	27	10	SS	2.8	16	B	17		
758.70		32	12	SS	4.3	22	B	17		
753.70	Medium Gray Alternating Seams Of Clay, Silt And Fine Sand	37	14	SS	5.1	26	S	16		
749.70		41	16	SS	---	15	---	18		

Groundwater Data: Static water level after auger removal - Elevation 776.0
Comments:

BORING LOG Sheet 3 of 3

Client: Willet Hofmann & Associates
Project Name: Culvert Replace N. Bolton Rd. Over Preston Cree
Project Site: Harlem Rd. District Sec 10-06118-00-BR, Stephenson County, IL.
Location: 6-feet right of station 20+17

Boring No. B-2
Surface Elev. 790.70
Auger Depth 66'
Start Date 10/09/10
Rotary Depth NA
Finish Date 10/09/10
DRILLED BY: Randy Saftawski, Diedrich D-120

(DEPTH) ELEV. 748.70	DESCRIPTION OF MATERIALS	Depth in feet	Sample No.	Sample Type	Qu (TSF)	N Value (Blows)	Bulge / Shear	Moisture (%)	Dry Density (PCF)	REMARKS
748.70	Medium Gray Alternating Seams Of Clay, Silt And Fine Sand	42	18	SS	---	13	---	20		
		52	20	SS	---	20	---	18		
		57	22	SS	---	15	---	18		
729.70	Bottom of Boring	61	24	SS	---	15	---	19		

Groundwater Data: Static water level after auger removal - Elevation 776.0
Comments:

SOIL BORINGS
N. BOLTON ROAD OVER PRESTON CREEK
STATION 20+00
S.N. 089-5138

STRUCTURAL SHEET NO. 4 OF 4 SHEETS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	78	10-06118-00-BR	STEPHENSON	18	13
			CONTRACT NO. 85531		
	WHA # 1120D10	ILLINOIS	FED. AID PROJECT ER-0177(038)		

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