ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 283	10-15110-00-BR	EFFINGHAM	15	12
CONTRACT NO. 95665		ILLINOIS	PROJECT BROS-0049(159)	

HOLCOMB FOUNDATION ENGINEERING INC.
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Bridge Foundation Boring Log

Project: H-11012 Bridge Co Rd 250N over Limestone Creek Date: 2/10/2011
Section: 10-15110-00-BR Station
Structure: Bored by: J. Carter
County: Effingham Checked By: T. Holcomb

Boring No: 1
Station: Lt 3+72.8
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling 534.1
Upon Completion plugged

Elevation	N	Qu tsf	% w
Ground Surface 542.6			
8" A-3 surface			
Brown Sandy CLAY (A-6)	10	1.45	15
	8	1.25	17
	8	0.45	10
534.1			
Brown Mottled Gray Sandy CLAY (A-6) with pebbles	8	0.88	19
	14	3.45	17
529.1			
Gray Silty CLAY to CLAY (A-6) with pebbles	15	3.25	19
	13	2.65	20
	17	3.85	20
	17	3.18	22
silty clay (continued)	17	4.05	18
	17	2.58	18
	19	3.58	19
	34	3.25	13
504.1			
Gray Mottled Brown Weathered SHALE	32	8.25	17

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentage of oven dry weight-%
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

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Bridge Foundation Boring Log

Project: H-11012 Bridge Co Rd 250N over Limestone Creek Date: 2/10/2011
Section: 10-15110-00-BR Station
Structure: Bored by: J. Carter
County: Effingham Checked By: T. Holcomb

Boring No: 1
Station: Lt 3+72.8
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling 534.1
Upon Completion plugged

Elevation	N	Qu tsf	% w
Shale (continued)	45	23	3.65	20
	22	3.18	19
492.1			
Brown Mottled Gray CLAY (A-6)	14	2.68	20
484.1			
Brown Mottled Grey Silty CLAY (A-6)	17	3.78	22
	15	3.19	21
474.1			
Gray Silty CLAY (A-6)	13	2.48	23
472.6			
End of Boring @ -70.0'			

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentage of oven dry weight-%
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

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Bridge Foundation Boring Log

Project: H-11012 Bridge Co Rd 250N over Limestone Creek Date: 2/10/2011
Section: 10-15110-00-BR Station
Structure: Bored by: J. Carter
County: Effingham Checked By: T. Holcomb

Boring No: 2
Station: Rt 4+26.7
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling none
Upon Completion none

Elevation	N	Qu tsf	% w
Ground Surface 544.9			
4" A-3 surface			
Brown Sandy CLAY (A-6)	5	1.25	14
	5	1.95	16
538.9			
Brown Mottled Gray Sandy CLAY (A-6)	18	5.85	13
	19	4.30	14
533.9			
Gray Silty CLAY to CLAY (A-6) with pebbles	14	3.48	16
	15	2.35	19
	12	3.35	19
	12	7.30	21
	13	7.88	21
silty clay (continued)	13	3.18	19
	13	2.98	21
	14	2.69	20
	15	2.98	20
501.4			
Gray Mottled Brown Sandy CLAY (A-6)	100/1"	1.8	22

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentage of oven dry weight-%
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

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Bridge Foundation Boring Log

Project: H-11012 Bridge Co Rd 250N over Limestone Creek Date: 2/10/2011
Section: 10-15110-00-BR Station
Structure: Bored by: J. Carter
County: Effingham Checked By: T. Holcomb

Boring No: 2
Station: Rt 4+26.7
Offset:

Surface Water Elev.
Ground Water Elev. During Drilling none
Upon Completion none

Elevation	N	Qu tsf	% w
sandy clay (continued)	45			
495.9			
Gray Mottled Brown Weathered SHALE	22	4.85	23
	15	2.78	19
489.4			
Gray Mottled Brown Silty CLAY (A-6)	15	2.98	20
484.9			
End of Boring @ -60.0'			

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"
Qu-Unconfined Compressive Strength in tons/sq.ft. w-Water Content-percentage of oven dry weight-%
B = Bulge Failure S = Shear Failure E = Estimated Value P = Penetrometer

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BORING LOGS
STRUCTURE NO. 025-3322
T.R. 283
OVER LIMESTONE CREEK
SECTION 10-15110-00-BR
EFFINGHAM COUNTY
STATION 3+93.00