

HOLCOMB FOUNDATION ENGINEERING INC.  
P.O. Box 88 618-529-5262  
Carbondale, Il. 62903 618-457-8991 fax Page 1 of 1

Bridge Foundation Boring Log

Project: H-09118 Bridge over Brush Creek Date: 05/13/2009  
Section: 05-10127-00-BR Station \_\_\_\_\_ Bored by: D. Russell  
Structure: \_\_\_\_\_ Checked By: J. Holcomb  
County: Jasper

Boring No.	Station	Offset	Elevation	N	Qu	w	Surface Water Elev.	Ground Water Elev. During Drilling	Ground Water Elev. Upon Completion	Elevation	N	Qu	w
1	5+53	15' LT	471.9	0				457.9	467.9				
			467.9										
			460.4										
			457.9										
			455.4										
			452.9										
			450.4										

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

HOLCOMB FOUNDATION ENGINEERING INC.  
P.O. Box 88 618-529-5262  
Carbondale, Il. 62903 618-457-8991 fax Page 1 of 1

Bridge Foundation Boring Log

Project: H-09118 Bridge over Brush Creek Date: 05/14/2009  
Section: 05-10127-00-BR Station \_\_\_\_\_ Bored by: D. Russell  
Structure: \_\_\_\_\_ Checked By: J. Holcomb  
County: Jasper

Boring No.	Station	Offset	Elevation	N	Qu	w	Surface Water Elev.	Ground Water Elev. During Drilling	Ground Water Elev. Upon Completion	Elevation	N	Qu	w
2	4+71	6' LT	476.0	0				none	none				
			469.5										
			465.5										
			464.5										
			462.0										
			460.0										

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

CHARLESTON ENGINEERING, INC.  
CONSULTING ENGINEERS  
105 NORTH KITCHELL  
P.O. BOX 397  
OLNEY, ILLINOIS 62450  
(618) 392-0738  
ILLINOIS DEPARTMENT OF PROFESSIONAL REGULATION REGISTRATION #184 003513

**BORING LOGS**  
**STRUCTURE NO. 040-3260**  
**T.R. 186A**  
**OVER BRUSH CREEK**  
**SECTION 05-10127-00-BR**  
**JASPER COUNTY**  
**STATION 5+14.25**