CONTRACT NO. 97276

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 788 (C.H. 24/ C.H. 16)	03-00075-00-BR, WASH. 03-00082-00-BR, CLIN.	WASHINGTON CLINTON	22	21

HOLCOMB FOUNDATION ENGINEERING INC.
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Bridge Foundation Boring Log

Project: H-04201 Bridge Over Crooked Creek Date: 6/24/05
Section: 03-00075-00-BR Station 205+46
Route: FAS Route 788 Bored by: J. Carter
County: Washington Checked By: T. Holcomb

Boring No: 5
Station: 204+79.29
Offset: 19.9' Lt

Surface Water Elev.
Ground Water Elev. During Drilling 418.80
Upon Completion plugged

Description	Elevation	N	Qu tsf	w %
Ground Surface 427.30	0			
Gray Silty CLAY to Clayey SILT (A-6 to A-4)				
			st	
423.80				
Gray CLAY (A-6)	-5		st	
			st	
418.80				
Gray Silty CLAY to Clayey SILT (A-4 to A-6)	-10		st	
			st	
413.8				
Gray Silty CLAY to CLAY (A-6 to A-7-6)	-15		st	
			st	
	-20		st	
405.30		5	2.1S	44
Gray Mottled Brown Sandy CLAY (A-6)	-25	6	0.8B	39
401.30				
Gray CLAY (A-6 to A-7-6) with sand		3	0.9B	22
	-30	7	0.5B	23
396.30				
Gray Fine to Medium SAND (A-2-4)		8	--	26
	-35	30	--	21
391.30		100/5"	--	18
Gray Sandstone		100/3"	--	19
	-40			
RQD 87.8%				
382.80				

Rock Core

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

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Boring No: 5
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Surface Water Elev.
Ground Water Elev. During Drilling 418.80
Upon Completion plugged

Description	Elevation	N	Qu tsf	w %
Gray Shale	-45			
RQD = 77.4%	-70			
RQD = 91.6%	-50			
	-75			
373.30				
End of Boring @ -54.0'	-55			
	-80			
	-60			
	-85			
	-65			

Rock Core

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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

DESIGNED:	L.D.G.
CHECKED:	B.G.H.
DRAWN:	K.H.L.
CHECKED:	L.D.G.

BORING LOGS
F.A.S. 788 (C.H. 24/C.H. 16)
OVER CROOKED CREEK
SECTION 03-00075-00-BR
WASHINGTON COUNTY
SECTION 03-00082-00-BR
CLINTON COUNTY

H.M. & G. NO. 5213