

PROJECT NO: 8.1910203 (R-977A)  
CHEROKEE COUNTY  
BRIDGE 3



WBL B4-B

COR 1: 7.58-9.05	REC=98%	RQD=48%
COR 2: 9.05-10.57	REC=98%	RQD=76%
COR 3: 10.57-12.09	REC=94%	RQD=45%
COR 4: 12.09-13.61	REC=91%	RQD=35%

LAYER 1: 7.58-13.61 Moderately hard, fresh jointed to slightly weathered phyllite; moderately weathered around some joints; slightly to extremely fractured, 70 pieces, longest piece 42cm. Weathered and highly fractured intervals at 8.08-8.51, 9.70-9.90, and 10.71-11.53. Slightly weathered, moderately fractured in 12.34-13.61 interval, with base of boring extremely fractured possibly due to mechanical causes. Foliation dips 50°. 20 joints on foliation, ADS=19cm, ADT=0.01cm, smooth to moderately rough, with Fe and Mn oxide stains, or with slight alum coating. 26 joints at 15°, ADS=21cm, ADT=0.02cm, moderately rough to rough, with Fe and Mn oxide coating. 2 joints at 70°, t=0.02cm, rough, with Fe and Mn oxide coating. 8 joints at 60°, ADS=12cm, ADT=0.02cm, smooth to rough, with Fe and Mn oxide stain on some.  
REC=94% RQD=51%