

PROJECT NO: 8.1910203 (R-977A)
CHEROKEE COUNTY
BRIDGE 4

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EBL B3-B--Continued

LAYER 2: 9.44-15.58 Moderately hard, fresh jointed to fresh metasiltstone; sound with a few thin weathered zones, 17 pieces, longest piece 250cm. Core loss from extremely fractured, weathered zone 11.40 to 11.60. Foliation dips 40-50°. 9 joints on foliation, ADS=28cm, ADT=0.01cm, smooth to moderately rough, with Fe and Mn oxide on some. REC=95% RQD=91%

LAYER 3: 15.58-16.92 Medium to moderately hard, slightly to completely weathered, gray to brown metasiltstone; moderately to extremely fractured, 10 pieces plus rubble, longest piece 30cm. Foliation dips 55°. Joints indeterminate. REC=37% RQD=22%

EBL B3-B

COR 1: 6.10-7.80	REC=39%	RQD=8%
COR 2: 7.80-10.84	REC=64%	RQD=53%
COR 3: 10.84-13.88	REC=91%	RQD=80%
COR 4: 13.88-16.92	REC=70%	RQD=66%

LAYER 1: 6.10-9.44 Moderately hard to soft, slightly weathered to completely weathered, brown to gray metasiltstone; moderately fractured, 22 pieces, longest piece 28cm. Most core loss from weathered zones in upper 1 meter and in lower 1.5 meter. Foliation dips 61°. 5 joints on foliation, ADS=10cm, ADT indeterminate, smooth to moderately rough, weathered. 7 joints at 5°, ADS=16cm, ADT indeterminate, weathering and machine grinding. REC=36% RQD=11%