

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



WBL B4-A

COR 1: 17.84-19.94	REC=98%	RQD=6%
COR 2: 19.94-21.46	REC=0%	RQD=0%
COR 3: 21.46-22.98	REC=82%	RQD=23%
COR 4: 22.98-26.03	REC=0%	RQD=0%

LAYER 1: 17.84-19.94 Moderately hard, moderately to slightly weathered, olive brown to gray metasilstone; moderately to extremely fractured, 52 pieces, longest piece 13cm. Pyritic. Bedding dips 12°. 4 joints on bedding, ADS=11cm, ADT=0.02cm, moderately rough to rough, with Fe and Mn oxide coatings. Foliation dips 70°. 20 joints on foliation, ADS=5cm, ADT=0.03cm, smooth to moderately rough, with Fe and Mn oxide coatings. REC=98% RQD=6%

LAYER 2: 19.94-21.46 No recovery, assumed saprolite to soft weathered rock.

LAYER 3: 21.46-23.15 Moderately hard, slightly weathered to fresh jointed, moderately fractured metasilstone with pseudodiorite layers to 30cm thick. Pyritic and magnetic in places. Most core loss at top. 18 pieces, longest piece 12cm. Bedding contorted. Foliation dips 50°. 2 joints on foliation, t=0.01cm, smooth to rough, with Fe and Mn oxide coatings. 10 joints at 17°, ADS=8cm, ADT=0.01cm, moderately rough to rough, with Fe and Mn oxide coatings. REC=80% RQD=27%

LAYER 4: 23.15-26.03 No recovery, assumed saprolite to soft weathered rock.