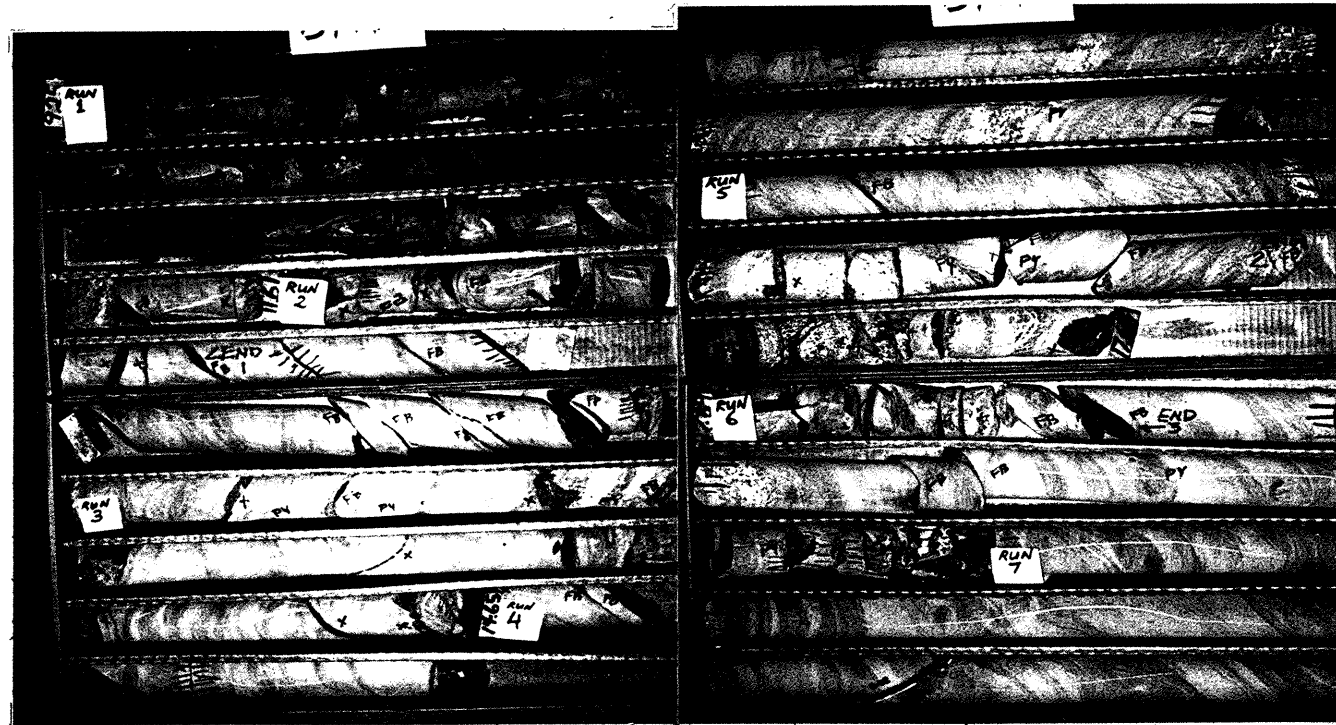


PROJECT NO: 8.1910203 (R-977A)
 CHEROKEE COUNTY
 BRIDGE 4

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

WBL B1-A~Continued



LAYER 2: 12.15-17.32 Moderately hard, fresh, gray metasiltstone; slightly fractured to sound, 30 pieces, longest piece 111cm. Pyritic and magnetic, with pseudodiorite beds to 30cm thick about 1-2m apart. Bedding and foliation parallel, dipping 43°. 17 joints on foliation, ADS=21cm, ADT=0.01cm, smooth to moderately rough, with Fe and Mn oxide stains. 6 joints at 10° below 16.5m depth, ADS=20cm, ADT=0.02cm, moderately rough, clean. 2 joints at 58°, t=0.01, moderately rough, with alum, Fe and Mn oxide stains. REC=95% RQD=19%

LAYER 3: 17.32-18.05 Moderately hard to hard, moderately weathered, yellow-brown to pale tan interlayered pseudodiorite and metasiltstone; moderately fractured, 16 pieces, longest piece 14cm. Magnetic. Bedding and foliation parallel dipping 45°. 4 joints on foliation, ADS=18cm, ADT=0.02cm, smooth to moderately rough, with Fe and Mn oxide coating. 11 joints at 10°, ADS=6cm, ADT=0.02cm, smooth to rough, with Fe and Mn oxide coating. 1 joint at 85°, t=0.01cm, rough with Fe and Mn oxide. REC=95% RQD=19%

LAYER 4: 18.05-20.73 Moderately hard, fresh, gray metasiltstone with few pseudodiorite bands <10cm thick; sound, 6 pieces, longest piece 130cm. Pyritic, magnetic in dark bands. Breakage 19.01-19.21 is mechanical. Bedding and foliation parallel dipping 40°. Three joints on foliation above 18.5m depth, ADS=6cm, ADT=0.01cm, smooth to moderately rough, with Fe and Mn oxide stain. 1 joint at 60°, t=0.02cm, smooth with white powdery filling. REC=94% RQD=91%

WBL B1-A

COR 1: 9.25-11.61	REC=82%	RQD=22%
COR 2: 11.61-13.13	REC=86%	RQD=28%
COR 3: 13.13-14.65	REC=98%	RQD=68%
COR 4: 14.65-16.17	REC=98%	RQD=88%
COR 5: 16.17-17.69	REC=95%	RQD=55%
COR 6: 17.69-19.21	REC=92%	RQD=63%
COR 7: 19.21-20.73	REC=98%	RQD=98%

LAYER 1: 9.25-12.15 Moderately hard, slightly to moderately weathered, yellow-brown to olive gray metasiltstone; moderately fractured, 43 pieces, longest piece 25cm. Magnetic in dark bands. Base gradational. Bedding and foliation parallel, dipping 55°. 19 joints on foliation, ADS=7cm, ADT=0.02cm, smooth to moderately rough, with Fe and Mn oxide coating. 16 joints at 12°, ADS=20cm, ADT=0.02cm, smooth to moderately rough, with Fe and Mn oxide coating. REC=78% RQD=25%