

PROJECT NO: 8.2752101 (B-3926)
COUNTY: WATAUGA

BRIDGE 35
WALL 1



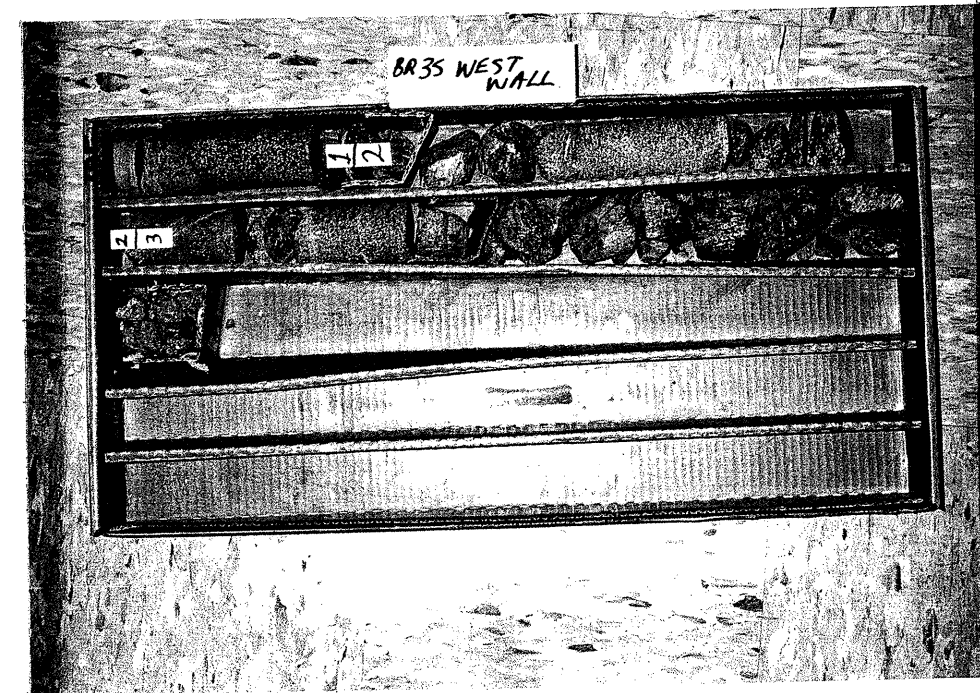
CORE 1: 12.1 - 17.9
CORE 2: 17.9 - 22.5

REC=90% RQD=66%
REC=100% RQD=72%

LAYER 1: 12.1 - 22.5 Hard, slightly weathered amphibolite. Close-fractured, 40 pieces, longest piece 1.4 feet. Foliation and very thin layering dip 60 degrees, or folded in some places. 4 intervals with rubble where high- and low-angle joints intersect. 11 joints at 0-20 degrees, moderately rough, clean. 6 joints at 30-50 degrees, moderately rough, clean or coated with Fe-oxide. 4 joints at 60-90 degrees, smooth, clean or coated with Fe-oxide. REC=94% RQD=68%

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BRIDGE 35
WALL 2



CORE 1: 7.0 - 8.1
CORE 2: 8.1 - 13.1
CORE 3: 13.1 - 17.2

REC=64% RQD=0%
REC=40% RQD=9%
REC=29% RQD=0%

LAYER 1: 7.0 - 8.1 Boulder

LAYER 2: 8.1 - 10.1 Probable boulders

LAYER 3: 10.1 - 17.2 Soft to hard, severely weathered to fresh amphibolite with seams of weathered rock and saprolite. Very close-fractured, mostly rubble recovered, longest piece 0.3 feet. REC=30% RQD=0%