DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

EXPLANATION

CORRELATION OF MAP UNITS

Qac	Quaternary
Dm	Devonian
Dl	
Sk	Silurian
Sr	
St	
Oj	Ordovician
Om	

DESCRIPTION OF MAP UNITS

Qac	Alluvium and colluvium
Dm	Middle Devonian, undivided—Includes Millboro Shale and Brallier Formation
Dl	Lower Devonian, undivided—Includes Rocky Gap Sandstone of Swartz (1929) and Huntersville Chert of Price (1929)
Sk	Keefer Sandstone and Upper Silurian, undivided—May include Tonoloway Limestone and Wills Creek Formation
Sr	Rose Hill Formation
St	Tuscarora Formation
Oj	Juniata Formation
Om	Martinsburg Formation

Contact, approximately located

Thrust fault, approximately located, dashed where concealed

U / D — High-angle fault: U, upthrown; D, downthrown

Strike and dip of bedding

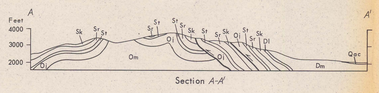
Inclined

Horizontal

Vertical

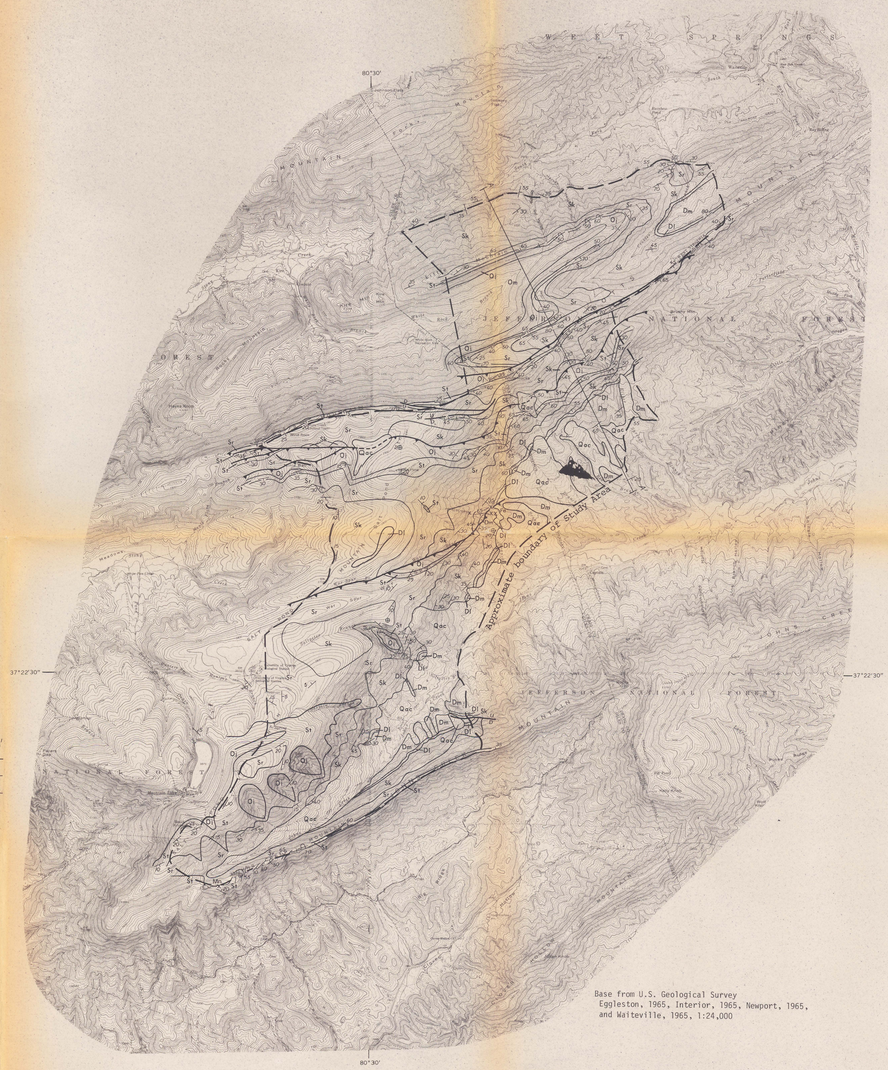
Overturned

*Fe — Prospect: Fe, iron; Mn, manganese



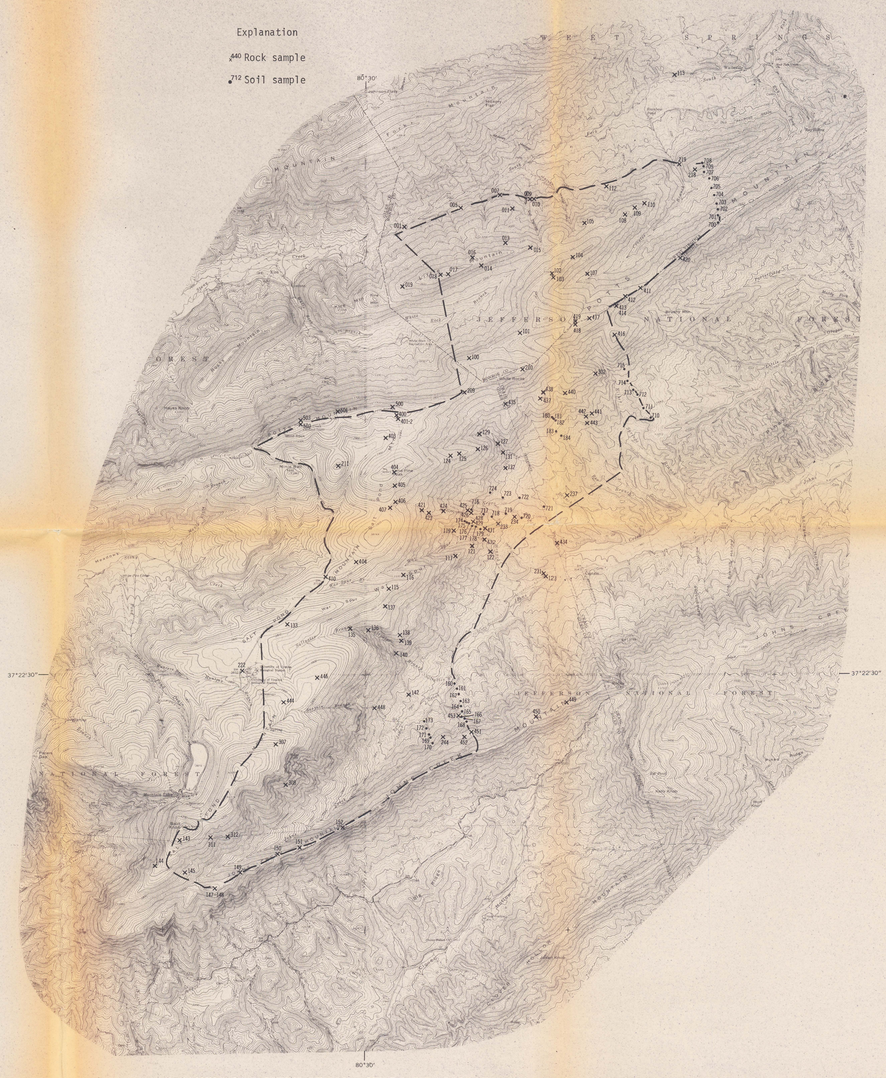
Section A-A'

Geology by F.G. Lesure, M.P. Foose, P.L. Weis, and Helmuth Wedow, assisted by D.R. McQueen (1975) and J.T. Hanley (1976), April, 1975 and May, 1976. Based in part on map by W.M. Eckroade, 1962.



Base from U.S. Geological Survey Eggleston, 1965, Interior, 1965, Newport, 1965, and Waiteville, 1965, 1:24,000

A. GEOLOGIC MAP AND SECTION OF THE STUDY AREA



B. SAMPLE LOCALITIES OF SOIL AND ROCKS COLLECTED BY THE U. S. GEOLOGICAL SURVEY

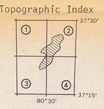
SCALE 1:48 000

1 ½ 0 1 2 3 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Topographic Index



1. Interior
2. Waiteville
3. Eggleston
4. Newport

QUADRANGLE LOCATION

C. SAMPLE LOCALITIES OF STREAM SEDIMENTS COLLECTED BY THE U. S. GEOLOGICAL SURVEY

D. SAMPLE LOCALITIES OF ROCKS COLLECTED BY THE U. S. BUREAU OF MINES

MAPS OF THE MOUNTAIN LAKE WILDERNESS STUDY AREA, CRAIG AND GILES COUNTIES, VIRGINIA AND MONROE COUNTY, WEST VIRGINIA, SHOWING GEOLOGY AND SAMPLE LOCALITIES OF STREAM SEDIMENTS, SOIL, AND ROCKS

By
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1978