

SURFICIAL GEOLOGY OF THE PENNSYLVANIA PART OF THE FAWN GROVE 7.5' QUADRANGLE, MD-PA

Open-File Report 96-15

FAWN GROVE QUADRANGLE
MARYLAND—PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

by W. D. Sevon
1996

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

THIS REPORT HAS NOT BEEN REVIEWED
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EXPLANATION

A = Alluvium
Material underlies narrow to broad, flat-surfaced floodplains of perennial streams. Comprises stratified sand, silt, and clay in upper part; same plus gravel in lower part. Generally less than 10 feet thick.

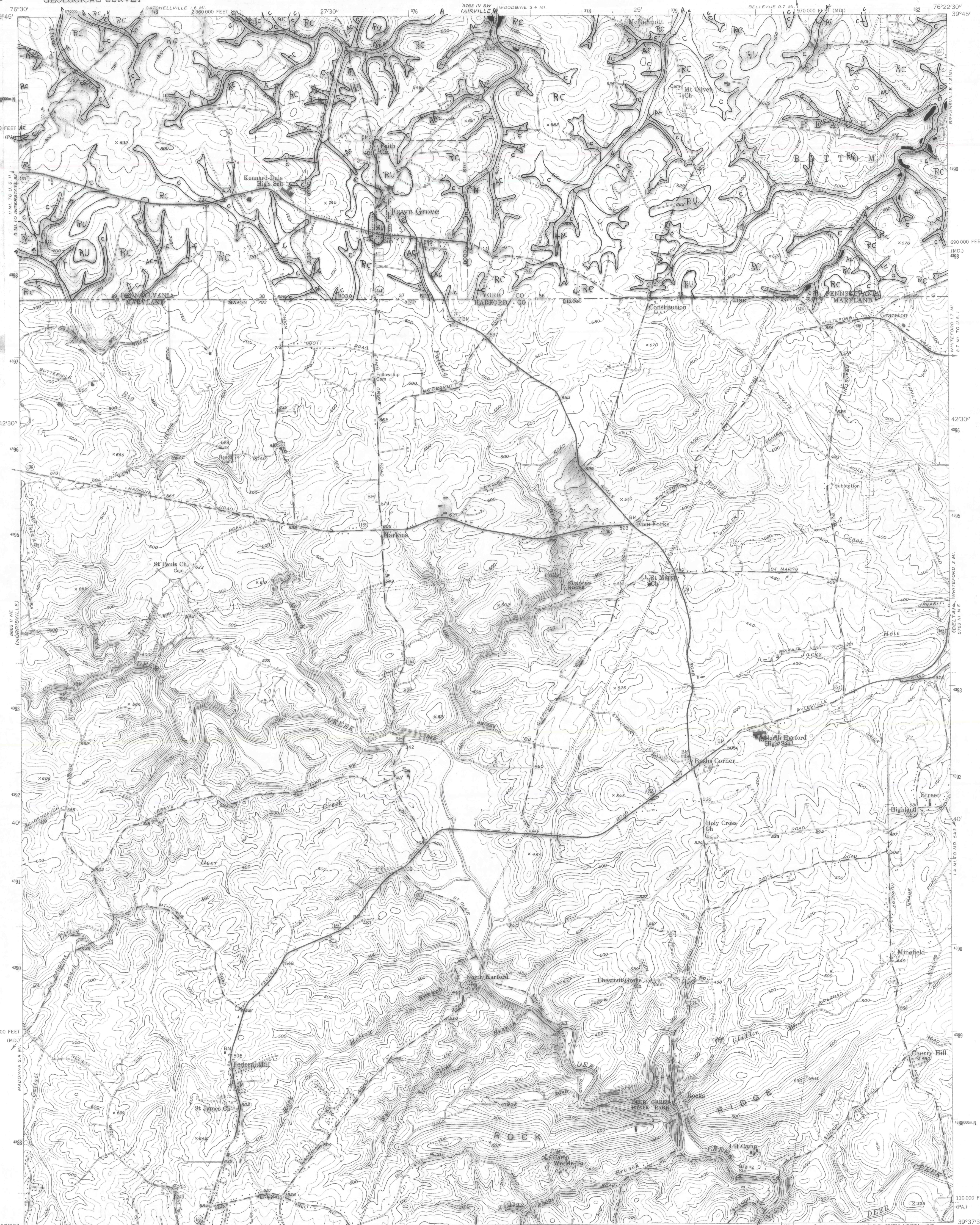
C = Colluvium
Colluvium is unsorted and unstratified to crudely stratified debris derived from underlying bedrock. Comprises fragments set in finer-grained matrix. Play fragments in schist bedrock areas (RC). Mapped where greater than 6 feet thick.

AC = Alluvium and colluvium undivided
Alluvium and colluvium are mapped together where the valley in which they occur is too narrow to map the units separately at 1:24,000 scale.

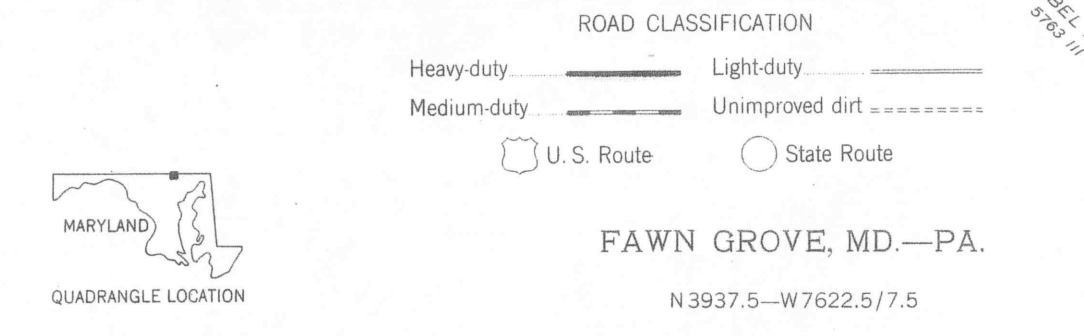
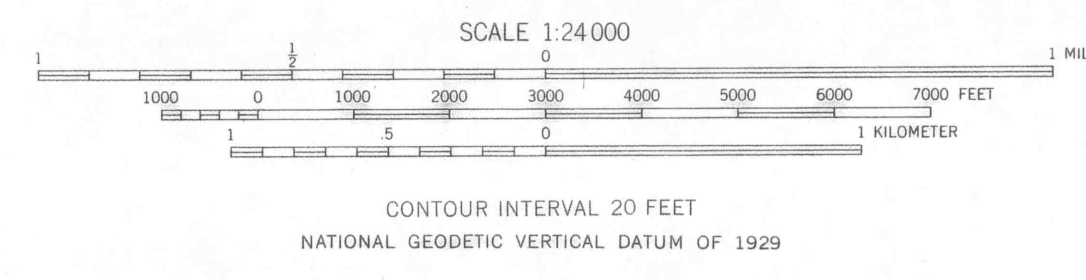
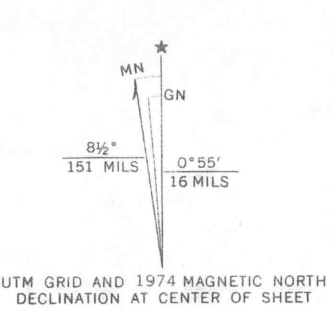
RC = Schist bedrock and colluvium undivided
Surfaces with low to steep slopes underlain by unweathered or weathered schist bedrock and thin (<6 feet), discontinuous deposits of colluvium.

RU = Rock upland
Nearly flat upland surface underlain usually by weathered schist bedrock, sometimes by unweathered schist bedrock. Little or no colluvium is present.

● = Outcrop
Areas with continuous or discontinuous bedrock outcrop.



Mapped, edited, and published by the Geological Survey
Control by USGS, NOS/NOAA, and USCE
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1954. Field check 1956
Polyconic projection. 1927 North American datum
10,000-foot grids based on Maryland coordinate system,
and Pennsylvania coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue
Unchecked elevations are shown in brown



THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

Revisions shown in purple compiled from aerial
photographs taken 1974. This information not field checked

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N 3937.5—W 7622.5/7.5
1956
PHOTOREVISED 1974
AMS 5763 III NW—SERIES V835