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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)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

by **W. D. Sevon**
 1996

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.

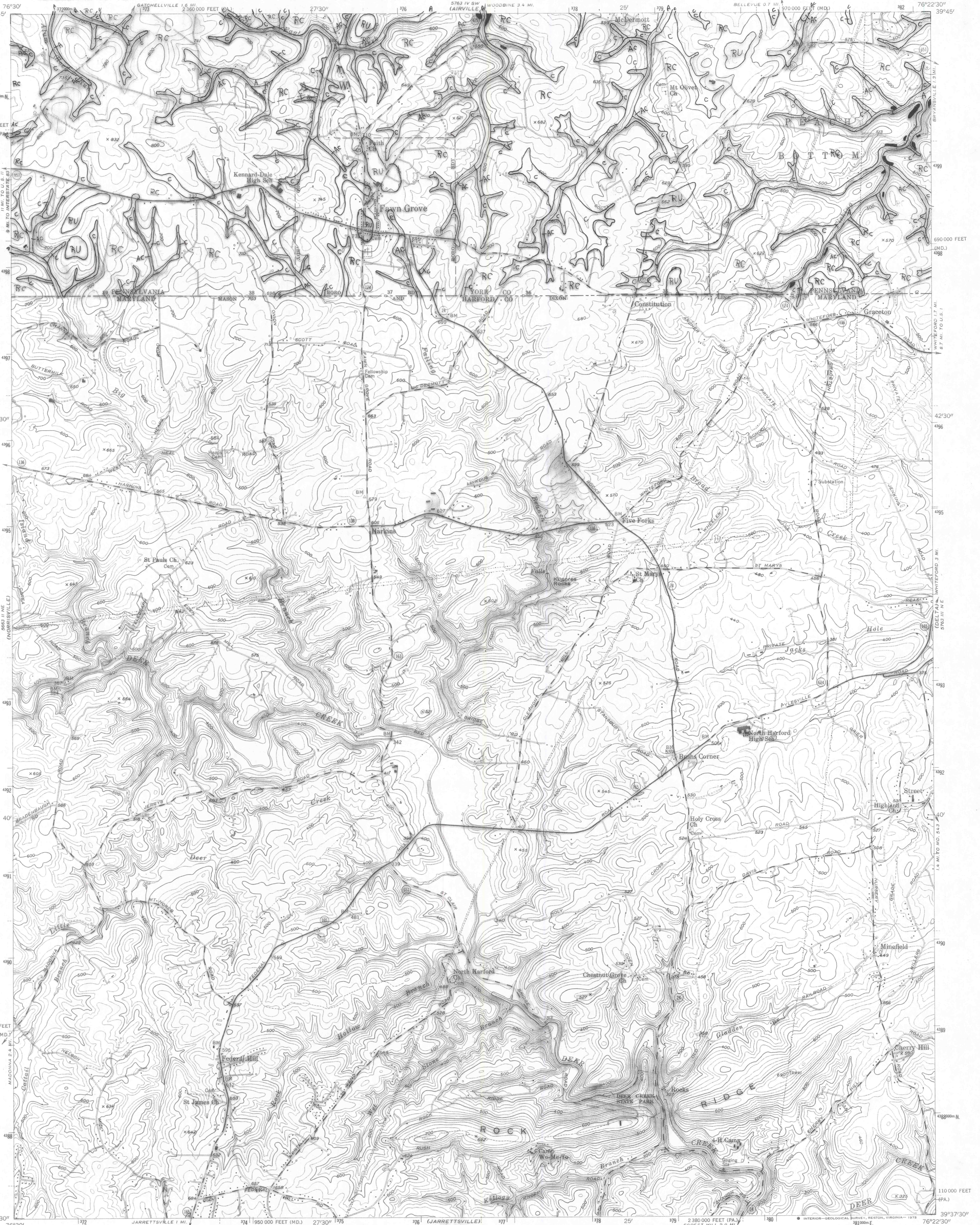
C = Colluvium
 Colluvium is unsorted and unstratified to crudely stratified debris derived from underlying bedrock. Comprises fragments set in finer-grained matrix. Platy fragments in schist bedrock areas (RC). Mapped where greater than 6 feet thick.

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.

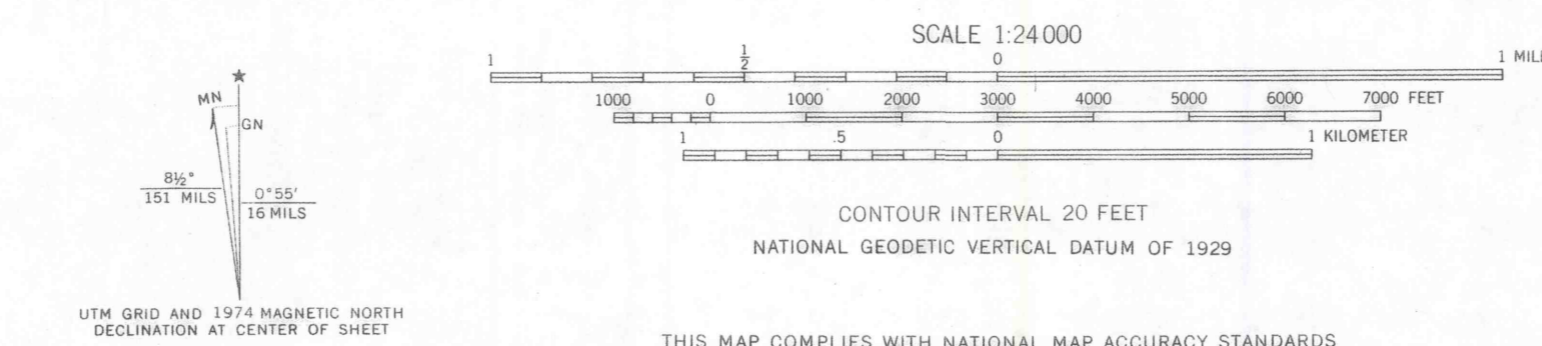
RC = Schist bedrock and colluvium undivided
 Surfaces with low to steep slopes underlain by unweathered or weathered schist bedrock and thin (<6 feet), discontinuous deposits of colluvium.

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



ROAD CLASSIFICATION

Heavy-duty ——— Light-duty ———
 Medium-duty ——— Unimproved dirt - - - - -
 U.S. Route ○ State Route ○

FAWN GROVE, MD.—PA.
 N 3937.5—W 7622.5/7.5
 1956
 PHOTOREVISED 1974
 AMS 5763 III NW—SERIES V833

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