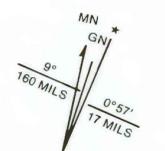


EXPLANATION

- Bedrock hydrogeologic unit contact. Includes approximately located and inferred contacts.
- 37 Depth to bedrock, in feet below land surface. in well or test hole; > indicates greater than.

SYSTEM AND SERIES	HYDROGEOLOGIC UNIT	MAP SYMBOL	LITHOLOGIC DESCRIPTION
QUATERNARY	Outwash		Sand, silt, gravel, and clay.
DEVONIAN	UPPER Trimmers Rock	Dtr	Interbedded siltstone, sandstone, and shale.
	MIDDLE Mahantango-Marcellus	Dmm	Greenish-gray to dark-gray shale
	LOWER Onondaga-Old Port	Doo	Interbedded limestone, chert, and calcareous shale
SILURIAN	UPPER Keyser-Tonoloway	Dskt	Limestone with interbeds of dolostone and calcareous shale
	UPPER Wills Creek	Swc	Interbedded calcareous shale, dolostone, and limestone; shale beds increase in lower part
	Bloomsburg	Sb	Grayish-red shale
	MIDDLE Mifflintown-Rose Hill	Smr	Interbedded shale and sandstone, calcareous in part

Base from U.S. Geological Survey
Bloomsburg 1975, Mifflinville 1978, and Catawissa 1975.



UTM GRID AND 1969 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

Bedrock Geology Adapted from Inners (1981).

DISTRIBUTION OF HYDROGEOLOGIC UNITS.