UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PLATE I

GEOLOGY BY G. LASH 1978

NEW RINGGOLD QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 HAMBURG 15' QUADRANGLE

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, USCE, and Pennsylvania Dept. of Highways

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Field check 1956

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, south zone

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue

Revisions shown in purple compiled in cooperation with State of Pennsylvania agencies from aerial photographs taken 1969. This information not field checked

UTM GRID AND 1969 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 MILE

7000 FEET

1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

PENNSYLVANIA
QUADRANGLE LOCATION

ROAD CLASSIFICATION

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

NEW RINGGOLD, PA.
NW/4 HAMBURG 15' QUADRANGLE
N4037.5—W7552.5/7.5

1956
PHOTOREVISED 1969
AMS 5865 III NW—SERIES V831