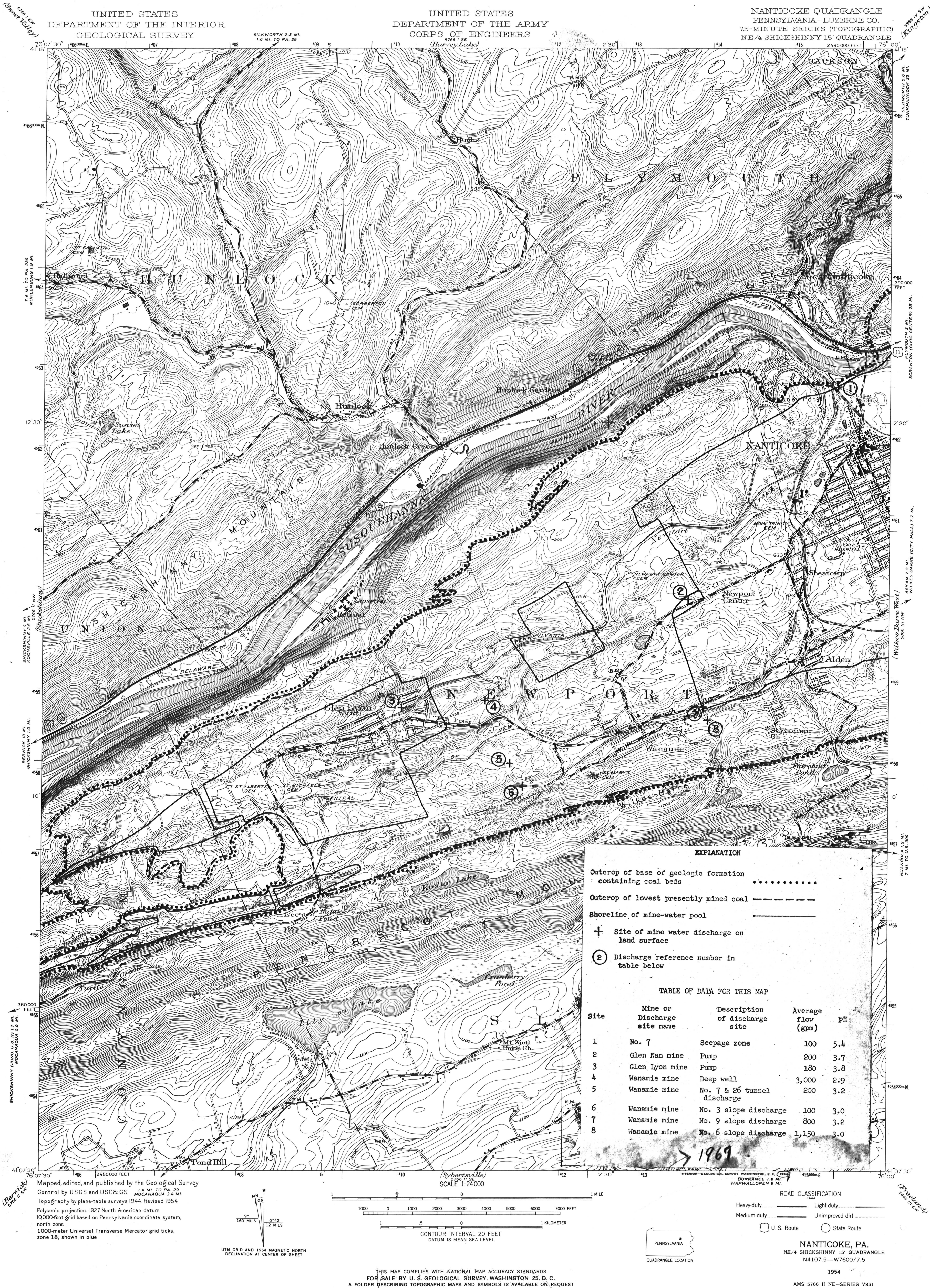




UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES
DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS

NANTICOKE QUADRANGLE
PENNSYLVANIA-LUZERNE CO.
7.5-MINUTE SERIES (TOPOGRAPHIC)
NE 1/4 SHICKSHINNY 15' QUADRANGLE

- EXPLANATION**
- Outcrop of base of geologic formation containing coal beds
 - Outcrop of lowest presently mined coal
 - Shoreline of mine-water pool
 - Site of mine water discharge on land surface
 - Discharge reference number in table below

TABLE OF DATA FOR THIS MAP

Site	Mine or Discharge site name	Description of discharge site	Average flow (gpm)	pH
1	No. 7	Seepage zone	100	5.4
2	Glen Nan mine	Pump	200	3.7
3	Glen Lyon mine	Pump	180	3.8
4	Wanamie mine	Deep well	3,000	2.9
5	Wanamie mine	No. 7 & 26 tunnel discharge	200	3.2
6	Wanamie mine	No. 3 slope discharge	100	3.0
7	Wanamie mine	No. 9 slope discharge	800	3.2
8	Wanamie mine	No. 6 slope discharge	1,150	3.0

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by plane-table surveys 1944, Revised 1954
Polyconic projection, 1927 North American datum
1000-foot grid based on Pennsylvania coordinate system,
north zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue

UTM GRID AND 1954 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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



NANTICOKE, PA.
NE 1/4 SHICKSHINNY 15' QUADRANGLE
N4107.5-W7600/7.5

1954

AMS 5766 II NE-SERIES 1981