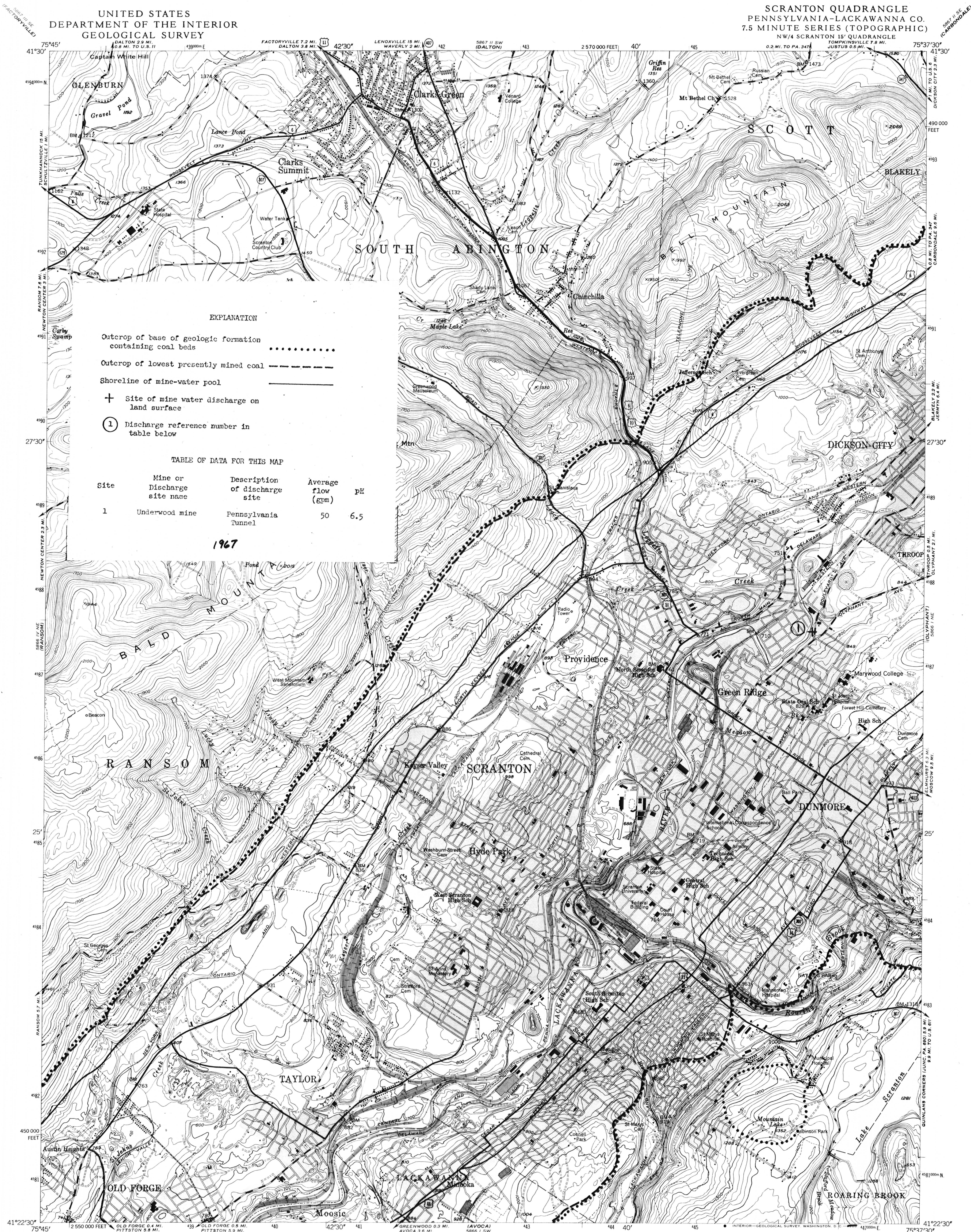


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SCRANTON QUADRANGLE
PENNSYLVANIA-LACKAWANNA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
NW/4 SCRANTON 15' QUADRANGLE



EXPLANATION

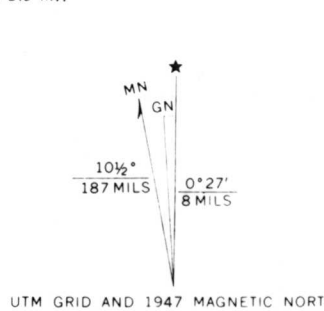
.....	Outcrop of base of geologic formation containing coal beds
-----	Outcrop of lowest presently mined coal
-----	Shoreline of mine-water pool
+	Site of mine water discharge on land surface
①	Discharge reference number in table below

TABLE OF DATA FOR THIS MAP

Site	Mine or Discharge site name	Description of discharge site	Average flow (gpm)	pH
1	Underwood mine	Pennsylvania Tunnel	50	6.5

1967

Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1942. Field check 1947
Polyconic projection, 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system, north zone
Red tint indicates areas in which only landmark buildings are shown
Contours in strip mine areas compiled from 1942 photography
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue



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

ROAD CLASSIFICATION
HARD-SURFACE ALL WEATHER ROADS DRY WEATHER ROADS
Heavy-duty 4 LANE 16 LANE Improved dirt
Medium-duty 4 LANE 16 LANE Unimproved dirt
Loose-surface, graded, or narrow hard-surface
U. S. Route State Route
SCRANTON, PA.
NW/4 SCRANTON 15' QUADRANGLE
N4122.5-W7537.5/7.5
1947
AMS 5866 I NW-SERIES V831