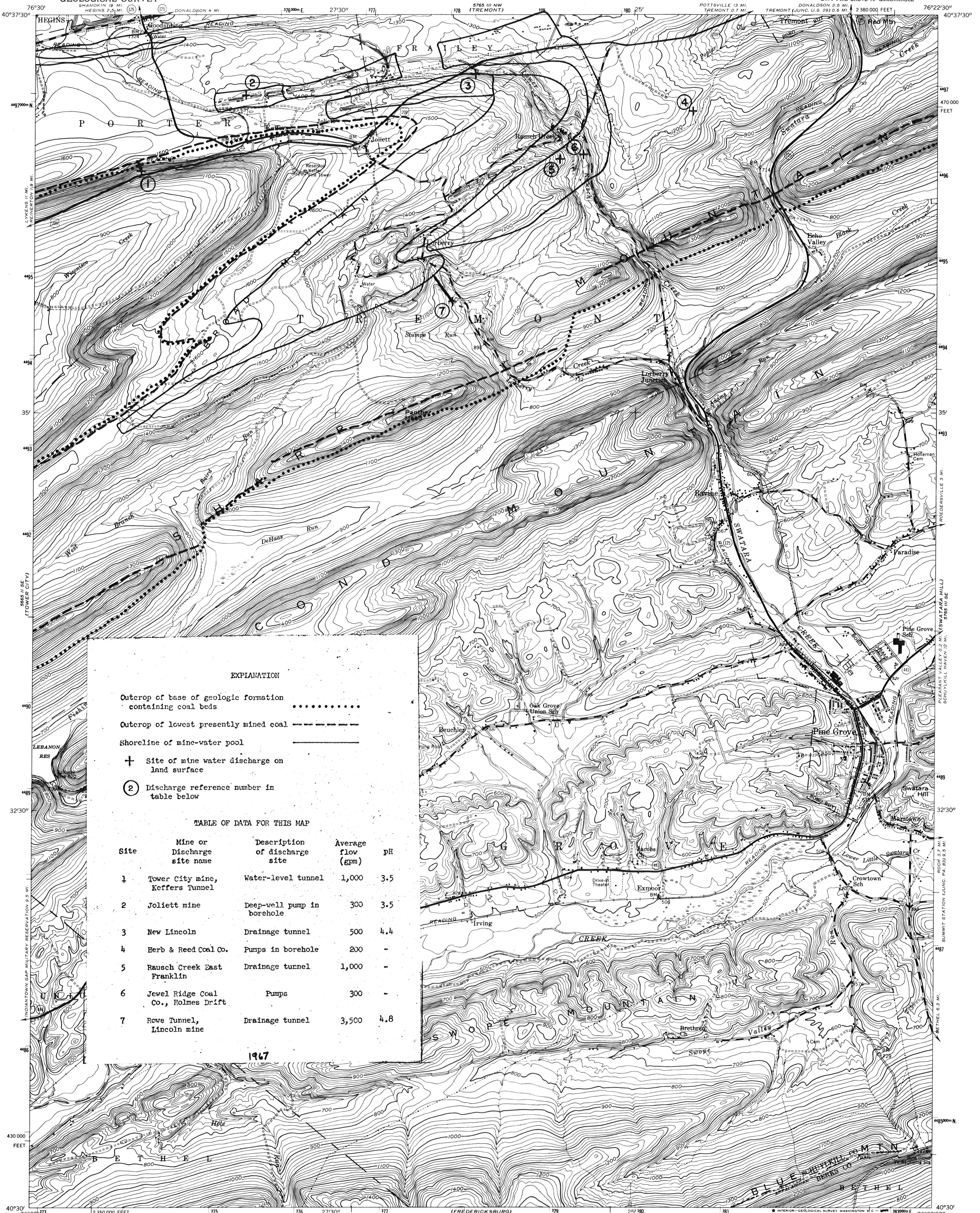




EXPLANATION

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

② Discharge reference number in table below

TABLE OF DATA FOR THIS MAP

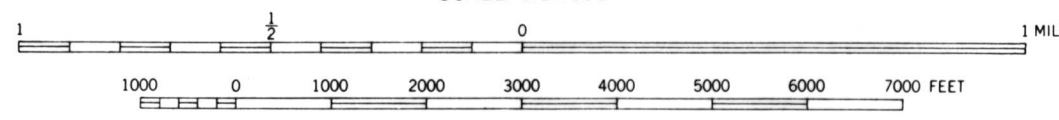
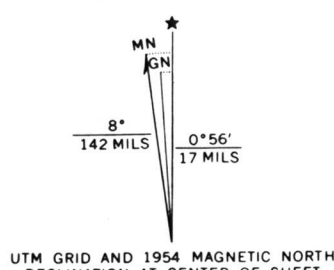
Site	Mine or Discharge site name	Description of discharge site	Average flow (gpm)	pH
1	Tower City mine, Keffer's Tunnel	Water-level tunnel	1,000	3.5
2	Joliet mine	Deep-well pump in borehole	300	3.5
3	New Lincoln	Drainage tunnel	500	4.4
4	Herb & Reed Coal Co.	Pumps in borehole	200	-
5	Rausch Creek East Franklin	Drainage tunnel	1,000	-
6	Jewel Ridge Coal Co., Holmes Drift	Pumps	300	-
7	Rove Tunnel, Lincoln mine	Drainage tunnel	3,500	4.8

1947

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 1944
Culture revised 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Pennsylvania coordinate system,
south zone
1000-meter Universal Transverse Mercator grid ticks,
zone 18, shown in blue



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
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A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

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



PINE GROVE, PA.
SW 1/4 PINE GROVE 15' QUADRANGLE
N 4030 - W 7622.5/7.5

1954

AMS 5765 III SW-SERIES V831