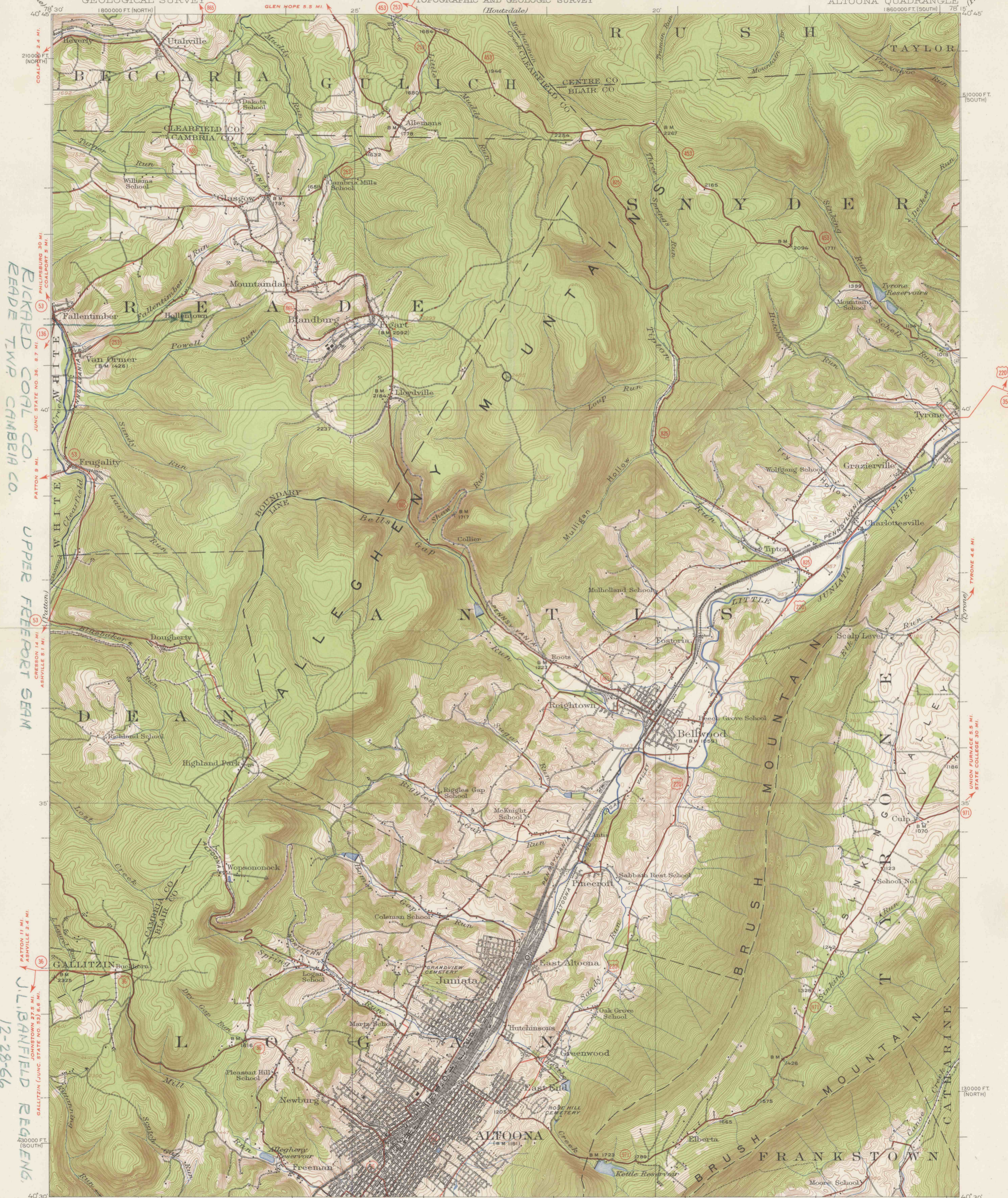


**READE TOWNSHIP
CAMBRIA COUNTY
PERMIT NUMBER-267-1
"E"-OR UPPER FREEPORT SEAM**

PHILIPSBURG 15 MI.
HOUTZDALE 6 MI.
STATE OF PENNSYLVANIA
REPRESENTED BY THE
DEPARTMENT OF INTERNAL AFFAIRS
TOPOGRAPHIC AND GEOLOGIC SURVEY
(Houtzdale)

PENNSYLVANIA
ALTOONA QUADRANGLE
1800000 FT. (SOUTH)



RICHARD COAL CO.
READE TWP. CAMBRIA CO.

UPPER FREEPORT SEAM

J.L. BANFIELD REG'NG.
12-28-66

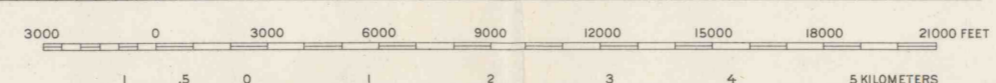
WATER STREET 9 MI. STATE NO. 360 4.8 MI.
BELLEFONTE 33.3 MI.
HUNTINGTON 19 MI.

UNION FURNACE 5.5 MI.
STATE COLLEGE 30 MI.

TYRONE 4.6 MI.

C.H. Birdseye, Chief Topographic Engineer,
Frank Sutton, Topographic Engineer in charge,
Topography by J.J. Gayetty, W.S. Beames, and F.M. Schilling,
Control by E.L. McNair, A.H. Thompson, J.L. Lenovitz,
Pennsylvania State Highway Department, and
Pennsylvania Railroad.
Surveyed in 1920.

UNIONVILLE 5.5 MI. 764
BEDFORD 27 MI.
HOLLIDAYSBURG
PENNA. TURNPIKE 24 MI. SCALE 1:62500



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION 1946		U. S. Route
Dependable hard surface	Dry weather roads	(1)
Heavy-duty road	Loose-surface graded	(2)
Secondary hard surface	Unsurfaced, graded	(3)
All-weather road	Dirt road	(4)
More than two lanes indicated along road with tick at point of change		(5)

Polyconic projection, 1927 North American datum
10000-foot grids based on Pennsylvania (South)
and Pennsylvania (North) rectangular
coordinate systems

ALTOONA, PA.
N4030-W7815/15

1920

FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST