UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF PENNSYLVANIA
DEPARTMENT OF INTERNAL AFFAIRS
WILLIAM S. LIVENGOOD, JR., SECRETARY
TOPOGRAPHIC AND GEOLOGIC SURVEY
STANLEY HOLMAN CATHCART, STATE GEOLOGIST

PENNSYLVANIA
SINNEMAHONING QUADRANGLE
7½-MINUTE SERIES

(Cameron) 78° 07′ 30″ 41° 22′ 30″ — 5′ — (First Fork) — COSTELLO 19.5 MI. CUSHBAUGH 4.4 MI. — 2′ 30″ — 1 930 000 FEET — 78° 00′ — 41° 22′ 30″ — 440 000 FEET — (Hammersly Fork)

EMPORIUM 16.5 MI. STERLING RUN 6.7 MI. — DRIFTWOOD 1.3 MI. — DRIFTWOOD 1.4 MI. — KEATING 5.7 MI. RENOVO 18.5 MI.

20′ — 17′ 30″ — 400 000 FEET — 41° 15′ — 1 900 000 FEET — 78° 07′ 30″ — 2′ 30″ — 78° 00′ — (Karthaus) 1:62 500 — (Karthaus 1:62 500) — (Snow Shoe) 1:62 500 — (Driftwood) — (Keating)

Mapped by the Geological Survey
1945

ROAD CLASSIFICATION
1947

Dependable hard-surface heavy-duty road	Dry weather roads	U. S. Route (15)
Secondary hard-surface all weather road	Loose-surface graded; Unsurfaced, graded	State Route (26)
More than two lanes indicated along road with tick at point of change 3 LANE, 4 LANE	Dirt road	

APPROXIMATE MEAN DECLINATION, 1945
7° TRUE NORTH MAGNETIC NORTH

Scale 1/24 000
1 Mile; 500 0 500 1000 1500 2000 2500 Yards; 1000 0 1000 2000 3000 4000 5000 6000 7000 Feet; 1 Kilometer

Contour interval 20 feet
Datum is mean sea level

Polyconic projection. 1927 North American datum
10 000 foot grid based on Pennsylvania (North) rectangular coordinate system

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