



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

EAST-CENTRAL PORTION
BETHEL QUADRANGLE
PENNSYLVANIA
7.5 MINUTE SERIES (TOPOGRAPHIC)

EXPLANATION

PLATE I. Geologic map of the study area compiled mostly float observation

- Area of abundant limestone float, strike and dip symbol indicate outcrop.
- Area of barite mineralization as delineate by float fragments.
- △ Area of igneous rock float.
- Trace of possible graywacke bed.
- Strike and dip of possible bedding.
- Fault contact; dashed where approximately located or existence is uncertain.
- Lithologic contact based on float association.
- Indefinite or inferred lithologic contact.
- Red shale float predominates in this area; also contains lesser amounts of orange and green shales.
- Black shale float predominates in this area; contains limestone blocks.
- Greenish gray mudstone float predominates in this area.
- Orange shale and mudstone float predominates in this area.