

EXPLANATION

- Upper Pennsylvanian

 - Ic**
mah

Conemaugh Formation
mah, Mahoning (?) coal
- Middle Pennsylvanian

 - uf
lf
mk
lk
Fav
sg
cl
bv

Allegheny Formation
uf, Upper Freeport coal
lf, Lower Freeport coal
mk, Middle Kittanning coal
lk, Lower Kittanning coal
Fav, Vancort Limestone Member
sg, Scrubgrass coal
cl, Clarion coal
bv, Brookville (?) coal
- Lower and Middle Pennsylvanian

 - hw
um
mm
Im
qt

Pottsville Formation
hw, Homewood coal
um, Upper Mercer coal
mm, Middle Mercer coal
Im, Lower Mercer coal
qt, Quakertown coal
- MISSISSIPPIAN

 - M

Shale, siltstone, and sandstone
- Southern extent of Wisconsin drift
- Contact

Dashed where approximately located;
short dashed where inferred
- Coal or limestone bed

Long dashed where approximately located;
short dashed where inferred or concealed
- 10*

Measured stratigraphic section

Asterisk indicates that section was described by previous writer and its exact location is unknown (See plates 2, 3, and 4)
- PE-8

Selected field observation point

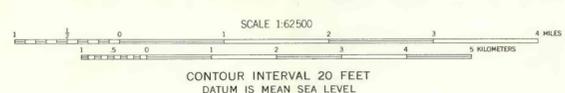
Letters are abbreviation of civil township in which located
- 29

Diamond-drill hole
- Strip mine or quarry

Base map by Topographic Division,
U.S. Geological Survey



BEDROCK GEOLOGIC MAP OF LAWRENCE COUNTY, PENNSYLVANIA



INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964—G63186
Geology by E. D. Patterson and J. A. Van Lieu; Modified in part from map by DeWolf (1929) and includes some unpublished data by T. E. Hendricks (written communication, 1955)