Geologic map of Butler County, Pennsylvania
Field compilation by
E.U. Patterson and J.A. Van Lieu

EXPLANATION

Coal bed
Solid where accurately located, dashed where inferred, dotted where concealed

Geologic contact where thin coal bed, dotted where concealed

Inferred geologic contact at horizon of coal bed, dotted where concealed

Limit of thick glacial deposits

0 1 2 3 Miles

Excavation

Qa Alluvium

Qw Wisconsin or ... and terrace deposits

Qwb Wisconsin ... boulder ... in ... area

CONEMAUGH FORMATION

Ck- ... coal
Ki- Brookville coal
KW- Kittanning ... coal member with ... horizon
Ki- Upper Kittanning coal
Vk- Lower Kittanning coal
Si- Strouds Creek coal
Ma- Mahoning coal

Pu Pc Pottsville Formation
Conemaugh Formation
Ci- Upper Freeport coal
Pc- Lower Freeport coal

Pusk Pottsville and Conemaugh Formations undivided

Pk Kittanning Formation
Ki- Upper Kittanning coal
Vk- Middle Kittanning coal
Lower Kittanning coal

ALLEGHENY GROUP

Pv Vanport ... coal

Cl Gc Clarion Formation
Cla- Lower ... coal
Bf- Brookville coal

BEDFORD GROUP

Phw Homewood Formation
Hw- Homewood coal

Pp Pottsville Group undivided

Mp Pocono Formation — Mississippian

This map is preliminary and has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

Qal Alluvium
Qt Terrace deposits
Pc Conemaugh Formation
Pk Kittanning Formation
Pkn Kittanning Formation
Pv Vanport Limestone
Pcl Clarion Formation
Pbf Brookville coal
Phw Homewood Formation
Pp Pottsville Group undivided
Mp Pocono Formation

BUTLER

80°00' 79°55' 79°50' 79°45'
41°10' 41°05' 41°00' 40°55' 40°50' 40°45'

E. U. Patterson, [illegible]

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