### Generalized Section for the Rural Valley Quadrangle

**Scale:** 1 inch = 200 feet

#### Carboniferous

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<th>Formation Name</th>
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| Conemaugh formation | Ccm | Morgantown sandstone | Coarse, 50 to 55 feet thick. Northeast corner of quadrangle. | Shale and coarse sandstone with occasionally thin beds of limestone and coal. Most of the shale is sandy, but there are some persistent beds of green shale. |}
| | | Red shale | 0 to 10 feet thick. May consist of several thin beds locally in northern and eastern parts. | |}
| Allegheny formation | Ca | Upper Pennsylvanian sandstone | Mostly fine to fine sand. Locally thick. | Shale, sandstone, fire-clay, and coal beds. |}
| | | Lower Pennsylvanian | Upper Kittanning Formation | |}
| | | Middle Kittanning | |}
| | | Upper Kittanning | |}
| Potter formation | Gp | Mercer sandstone | Generally coarse, 20 to 30 feet thick. | Coarse, siliceous sandstone or conglomerate, sometimes massive, with interbeds of clay and slate. |}
| | | Conococheague sandstone | Coarse and heavy, 30 to 34 feet thick. | |}

**Legend**

- Ccm: Conemaugh formation
- Ca: Allegheny formation
- Gp: Potter formation

**Notes**

- Shale and sandstone with occasionally thin beds of limestone and coal. Most of the shale is sandy, but there are some persistent beds of green and red fine-grained clay shale. Black shale is present near the exit on the Stratton line west of the quadrangle, and locally in the vicinity of the quadrangle, and in the vicinity of the quadrangle.
- Shale and sandstone with occasionally thin beds of limestone and coal. Most of the shale is sandy, but there are some persistent beds of green and red fine-grained clay shale. Black shale is present near the exit on the Stratton line west of the quadrangle, and locally in the vicinity of the quadrangle.
FIG. 6.—RELIEF MAP OF THE NORTHERN APPALACHIAN MOUNTAINS.
The Rural Valley quadrangle is situated on the planes west of the belt of valley ridges, in the west-central part of Pennsylvania.

FIG. 7.—MAP SHOWING THE EXTENT OF THE NORTHERN PART OF THE APPALACHIAN COAL FIELD.
The position of the Rural Valley quadrangle within the field is shown by the rectangle.

FIG. 8.—MAP SHOWING THE DISTRIBUTION OF THE GAS AND OIL POOLS IN WESTERN PENNSYLVANIA.
Compiled from maps by the Second Geological Survey of Pennsylvania, and from maps by the United States Geological Survey. Dark areas, oil; lighter areas, gas. The location of the Rural Valley quadrangle is shown by the rectangle.