

**SOURCE**  
Compiled by Sevon based on aerial photo interpretation and W41.

**EXPLANATION**

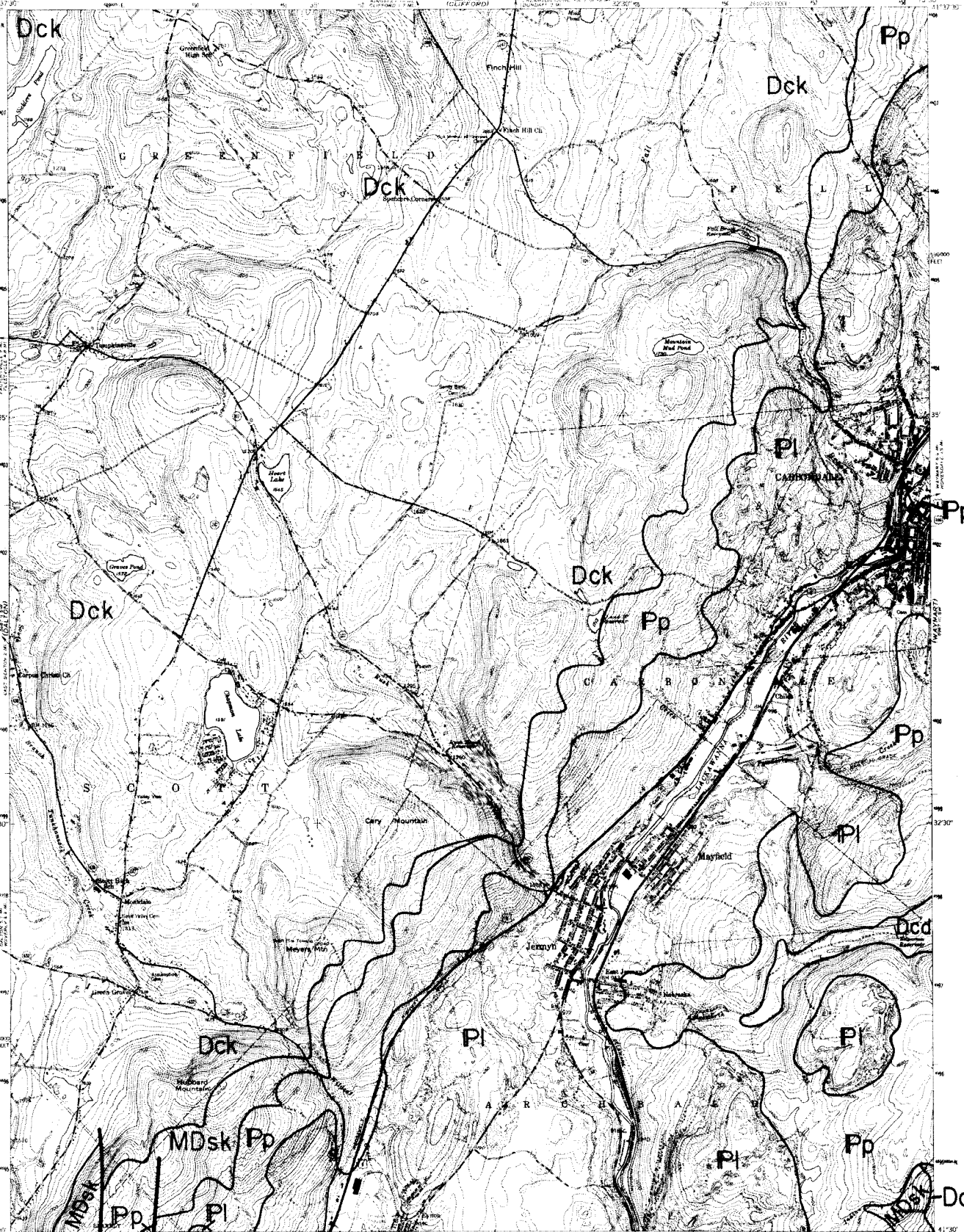
Pl  
Llewellyn Fm.

Pp  
Pottsville Gp.

MDsk  
Spechtly Kopf Fm.

Dck  
Catskill Fm.

Dcd  
Duncannon Mbr. of Catskill Fm.



**REFERENCE**

Hollowell, J. R., and Koester, H. E. (1975). Ground-water resources of Lackawanna County, Pennsylvania. Pennsylvania Geological Survey, 4th ser., Water Resource Report 41, 106 p.

SCALE 1:62500

CONTOUR INTERVAL 20 FEET

**ROAD CLASSIFICATION**

HARD SURFACE ALL WEATHER ROADS    DRY WEATHER ROADS

HEAVY-DUTY    IMPROVED DIRT

MEDIUM-DUTY    UNIMPROVED DIRT

LOWER SURFACE GRADES OR TYPICAL HARD SURFACE

U. S. Route    State Route

Compiled by W. D. SEVON, 1976

**CARBONDALE**

This Map is from Map 61 • Atlas of Preliminary Geologic Quadrangle Maps of Pennsylvania  
1981 • PA Geological Survey