

COMMODORE

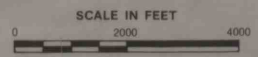
HASTINGS

— LEGEND —

- | | | |
|--|---|---------------------------------|
| - UPPER FREEPORT COAL (U.F.) | - DEEP MINE AREA (in color of coal seam) | - COUNTY LINE |
| - LOWER FREEPORT COAL (L.F.) | - OUTCROP LINE (in color of coal seam) | - MINE REFUSE AREA |
| - UPPER KITTANNING COAL (U.K.) | - MINE ENTRY (in color of coal seam) | - STRIP MINE AREA |
| - MIDDLE KITTANNING COAL (M.K.) | - DEEP MINE SHAFTS (in color of coal seam) | - HIGHWALL |
| - LOWER KITTANNING COAL (L.K.) | - COAL STRUCTURE CONTOURS (in color of coal seam) | - WATERSHED BOUNDARY |
| - PITTSBURGH (Pgh.), BARTON (Ba.), HARLEM (Hlm.), UPPER BAKERSTOWN (U.B.), LOWER BAKERSTOWN (L.B.), BRUSH CREEK (B.C.), MANOWING (Ma.), CLARION (Cl.), BROOKVILLE (Br.), MERCER (Mr.) (LABELLED) | - AUGER MINING (in color of coal seam) | - WATERSHED NUMBER |
| | - DEEP MINE OPENING REFERENCE NUMBER (all Green) | - STREAM SAMPLING POINT |
| | - ANTICLINE, SYNCLINE (all Green) | - MINE DRAINAGE DISCHARGE POINT |
| | - SUBSIDENCE AREA | - MAJOR DRAINAGE BASIN BOUNDARY |

COLVER

U.S. BUREAU OF MINES
Washington, D.C. 20241



**BARNESBORO QUADRANGLE
ABANDONED MINED LANDS
SURVEY DEMONSTRATION**

MINING INFORMATION SUMMARY MAP

CAMBRIA AND INDIANA COUNTIES, PENNSYLVANIA
AUGUST, 1978