



CARROLLTOWN

ALTOONA

- UPPER FREEPORT COAL (U.F.)
 - LOWER FREEPORT COAL (L.F.)
 - UPPER KITTANNING COAL (U.K.)
 - MIDDLE KITTANNING COAL (M.K.)
 - LOWER KITTANNING COAL (L.K.)
 - PITTSBURGH (Ph.), BARTON (Ba.), HARLEM (Hm.), UPPER BAKERSTOWN (U.B.), LOWER BAKERSTOWN (L.B.), BRUSH CREEK (B.C.), MAHONING (Mah.), CLARION (Cl.), BROOKVILLE (Br.), MERCER (Mr.) (LABELLED).

— LEGEND —

- DEEP MINE AREA (in color of coal seam)
 - OUTCROP LINE (in color of coal seam)
 - MINE ENTRY (in color of coal seam)
 - DEEP MINE SHAFTS (in color of coal seam)
 - COAL STRUCTURE CONTOURS (in color of coal seam)
 - AUGER MINING (in color of coal seam)
 - DEEP MINE OPENING REFERENCE NUMBER (all Green)
 - ANTICLINE, SYNCLINE (all Green)
 - SUBSIDENCE AREA

- COUNTY LINE
 - MINE REFUSE AREA
 - STRIP MINE AREA
 - HIGHWALL
 - WATERSHED BOUNDARY
 - WATERSHED NUMBER
 - STREAM SAMPLING POINT
 - MINE DRAINAGE DISCHARGE POINT
 - MAJOR DRAINAGE BASIN BOUNDARY

CRESSON

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

SCALE IN FEET
0 2000 4000

ASHVILLE QUADRANGLE
ABANDONED MINED LANDS
SURVEY DEMONSTRATION

MINING INFORMATION SUMMARY MAP

CAMBRIA COUNTY, PENNSYLVANIA
AUGUST, 1978