



INDIANA

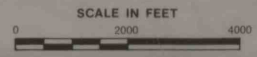
STRONGTOWN

- 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 (Pgh.), BARTON (Ba.), HARLEM (Hm.), UPPER BAKERTOWN (U.B.), LOWER BAKERTOWN (L.B.), BRUSH CREEK (B.Cr.), 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

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



BRUSH VALLEY QUADRANGLE

ABANDONED MINED LANDS  
SURVEY DEMONSTRATION  
MINING INFORMATION SUMMARY MAP

INDIANA COUNTY, PENNSYLVANIA  
AUGUST, 1978