



— 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 (B.), HARLEM (Hm.), UPPER BAKERSTOWN (U.B.), LOWER BAKERSTOWN (L.B.), BRUSH CREEK (B.Cr.), MAHONING (Mah.), CLARION (Cl.), BROOKVILLE (Br.), MERCER (Mr.) (LABELLED).

— 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

— PUNXSUTAWNEY QUADRANGLE
 ABANDONED MINED LANDS
 SURVEY DEMONSTRATION
 MINING INFORMATION SUMMARY MAP

INDIANA COUNTY, PENNSYLVANIA
 AUGUST, 1978

SCALE IN FEET
 0 2000 4000

MAHONING CREEK
 LITTLE MAHONING CREEK

ROCHESTER MILLS

VALIER

MCGEES MILLS

W. BR. SUSQ. RIVER

JOHNSONBURG

WINSLOW

FAIRVIEW

ABION

ARMON

WALSTON

ANITA

SPINDLETOWN

ADRIAN MINES

CLARION

CLARION

CLARION

CLARION

CLARION

CLARION