



N/A	- UPPER FREEPORT COAL (U.F.)
N/A	- LOWER FREEPORT COAL (L.F.)
N/A	- UPPER KITTANNING COAL (U.K.)
N/A	- MIDDLE KITTANNING COAL (M.K.)
N/A	- LOWER KITTANNING COAL (L.K.)
N/A	- PITTSBURGH (Pgh.), BARTON (Ba.), HARLEM (Hm.), UPPER BAKERSTOWN (U.B.), LOWER BAKERSTOWN (L.B.), BRUSH CREEK (B.C.), MANHAWG (Mh.), 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

SCALE IN FEET
0 2000 4000

WILPEN QUADRANGLE
ABANDONED MINED LANDS
SURVEY DEMONSTRATION
MINING INFORMATION SUMMARY MAP

INDIANA COUNTY, PENNSYLVANIA
AUGUST, 1978