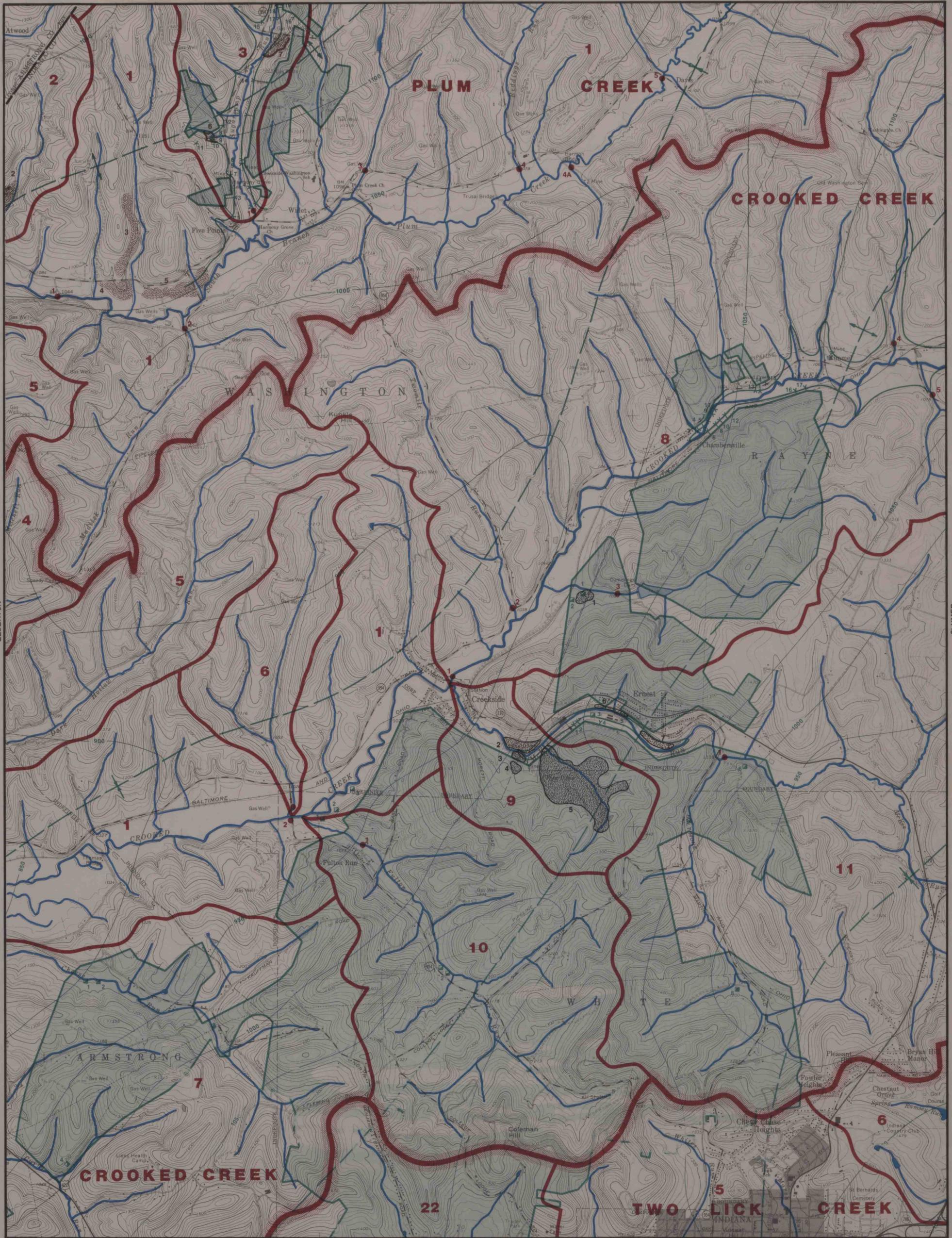


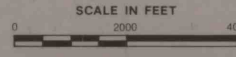


- [Green Box] - UPPER FREEPORT COAL (U.F.)
- [N/A] - LOWER FREEPORT COAL (L.F.)
- [N/A] - UPPER KITTANNING COAL (U.K.)
- [N/A] - MIDDLE KITTANNING COAL (M.K.)
- [N/A] - LOWER KITTANNING COAL (L.K.)
- [N/A] - PITTSBURGH (Pgh.), BARTON (Ba.), HARLEM (Hm.), UPPER BAKERSTOWN (U.B.), LOWER BAKERSTOWN (L.B.), BRUSH CREEK (B.C.), MAHONING (Mah.), CLARION (Cl.), BROOKVILLE (Br.), MERCER (Mr.) (LARELLED).

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

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

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



**ERNEST QUADRANGLE
ABANDONED MINED LANDS
SURVEY DEMONSTRATION
MINING INFORMATION SUMMARY MAP**

INDIANA COUNTY, PENNSYLVANIA
AUGUST, 1978