



DISTANT

VALIER

## — LEGEND —

- |  |   |  |   |  |                               |
|--|---|--|---|--|-------------------------------|
|  | UPPER FREEPORT COAL (U.F.)  |  | DEEP MINE AREA (in color of coal seam)          |  | COUNTY LINE                   |
|  | LOWER FREEPORT COAL (L.F.)  |  | OUTCROP LINE (in color of coal seam)            |  | MINE REFUSE AREA              |
|  | UPPER KITTANNING COAL (U.K.)  |  | MINE ENTRY (in color of coal seam)              |  | STRIP MINE AREA               |
|  | MIDDLE KITTANNING COAL (M.K.)   |  | DEEP MINE SHAFTS (in color of coal seam)        |  | HIGHWALL                      |
|  | LOWER KITTANNING COAL (L.K.)  |  | COAL STRUCTURE CONTOURS (in color of coal seam) |  | WATERSHED BOUNDARY            |
|  | PITTSBURGH (Pgh), BARTON (Ba.), HARLEM (Hm.), UPPER BAKERTOWN (U.B.), LOWER BAKERTOWN (L.B.), BRUSH CREEK (B.C.), MAHONING (Mah.), CLARION (Cl.), BROOKVILLE (Br.), MERCER (Mr.) (LABELLED) |  | AUGER MINING (in color of coal seam)            |  | WATERSHED NUMBER              |
|  |   |  | DEEP MINE OPENING REFERENCE NUMBER (all Green)  |  | STREAM SAMPLING POINT         |
|  |   |  | ANTICLINE, SYNCLINE (all Green)                 |  | MINE DRAINAGE DISCHARGE POINT |
|  |   |  | SUBSIDENCE AREA                                 |  | MAJOR DRAINAGE BASIN BOUNDARY |

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

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

INDIANA COUNTY, PENNSYLVANIA  
AUGUST, 1978SCALE IN FEET  
0 2000 4000