



EXPLANATION
Additional information is contained in a leaflet accompanying this map.

MINERAL INDUSTRY MODIFICATIONS

SM
SURFACE (STRIP) MINE, NOT RECLAIMED
Primarily coal but includes some developed for sandstone and limestone; high-wall indicated by hachured line.

SMr
SURFACE MINE, RECLAIMED BY GRASSING

Sub
MINE SUBSIDENCE
Areas in which surface patterns are indicative of mine subsidence (based by part of 1939 aerial photographs)

MF
MINE AND COAL BED FIRES
Includes areas of active, controlled, and extinguished fires; fires generally confined to vicinity of outcrop of coal seams (crop fires). (Based on data from U.S. Bureau of Mines).

RB
REFUSE BANKS
Primarily coal waste; most banks have burned and are now ash and clinkers (red dep.).

Q
QUARRIES AND PITS
Active and abandoned rock quarries and gravel pits.

LAND DEVELOPMENT MODIFICATIONS

H
URBAN DEVELOPMENT
Land modified for housing, commercial, educational, and industrial uses. Modifications, primarily after 1969, include: removal of vegetation; removal and redistribution of topsoil; some excavation of bedrock at industrial and commercial developments, and placement of impervious streets and parking lots. Major fills symbolized separately.

M
PREDEVELOPMENT MODIFICATION
Primarily removal of vegetation and removal and redistribution of topsoil; ultimate land use not identified during investigation.

T
LAND MODIFIED FOR TRANSPORTATION
Primarily highway construction. Modifications, primarily after 1969, include: extensive deep excavations, shallow fills, and redistribution of topsoil; local removal of structures. Major fills and steep cuts symbolized separately.

F
EARTH AND ROCK FILLS
Primarily at industrial, commercial, educational, and housing sites and along transportation routes; old fills in urban areas and narrow yard fills adjacent to houses generally not mapped.

N
NEARLY VERTICAL CUTS AND CLIFFS
Primarily cuts along highway and adjacent to commercial and industrial sites; includes highwalls in surface mines and some natural cliffs.

OTHER MODIFICATIONS

W
WATER IMPOUNDMENTS
Primarily farm ponds, reservoirs, and settling basins; dams generally too small to be shown on the map.

Base by U.S. Geological Survey, 1969. Research sponsored by the Appalachian Regional Commission under contract no. 74-31.

Map based on 1973 aerial photographs and field reconnaissance, 1973-74. This map has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.

MAP OF LAND MODIFIED BY MAN IN PART OF THE NEW KENSINGTON, EAST 7 1/2' QUADRANGLE, ALLEGHENY COUNTY AND VICINITY, PENNSYLVANIA

by
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U.S. Geological Survey
OPEN FILE MAP 74-295
This map is preliminary and has not been edited for conformity with Geological Survey standards or nomenclature.

Pennsylvania (New Kensington East Quad.) Modified Land. 1:24,000. 1974
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