



EXPLANATION

MINERAL INDUSTRY MODIFICATIONS

SM

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

SMr

SURFACE MINE, RECLAIMED
BY GRADING

Sub

MINE SUBSIDENCE
Areas in which surface pat-
terns are indicative of mine
subsidence (based in part on
1939 aerial photographs).

MF

MINE AND COAL BED FIRES
Includes areas of active, con-
trolled, and extinguished fires;
fires generally confined to vic-
inity of outcrop of coal seam
(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
dog).

E

OTHER EXCAVATIONS
Primarily borrow pits.

SD

SLAG DUMP

LAND DEVELOPMENT
MODIFICATIONS

H

URBAN DEVELOPMENT
Land modified for housing,
commercial, educational, and
industrial uses. Modifi-
cations, primarily after
1969, include: removal of
vegetation, removal and re-
distribution of topsoil; some
excavation of bedrock at in-
dustrial and commercial de-
velopments; 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 investi-
gation.

T

LAND MODIFIED FOR
TRANSPORTATION
Primarily highway construction
and removal and redistribution
of topsoil; ultimate land use
not identified during investi-
gation.

R

LAND MODIFIED FOR
RECREATION

E

EARTH AND ROCK FILLS
Primarily industrial, com-
mercial, educational, and hous-
ing sites and along transpor-
tation routes; old fills in urban
areas and narrow yard fills
adjacent to houses generally
not mapped.
* ERT is to be shown by per-
son identified by letter.

N

NEARLY VERTICAL CUTS
AND CLIFFS

Primarily cuts along highways
and adjacent to commercial
and industrial sites; includes
highwalls in surface mines and
some natural cliffs.

OTHER MODIFICATIONS

W

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

G

GULLIED LAND
Primarily on cleared slopes and
unprotected faces of fills.

* Areas east of Heidelberg and
along Banksville Road not detailed
on basis of aerial photographic
interpretation. Heidelberg area
called to author's attention by
John Reynolds (Geologist, Carnegie).
Banksville Road area observed by
author during field reconnaissance.

Base by U.S. Geological Survey, 1969.
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U. S. Geological Survey
OPEN FILE MAP 74-230
This map is preliminary and has
not been edited for conformity
with Geological Survey standards
or nomenclature.

MAP OF LAND MODIFIED BY MAN IN THE PITTSBURGH
WEST 7.5' QUADRANGLE, ALLEGHENY COUNTY, PENNSYLVANIA

by J.S. Pomeroy
1974

Pennsylvania (Pittsburgh West quad.). Modified Lead. 1:24,000. 1974.
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