



Maped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography by photogrammetric methods from aerial
photographs taken 1962 and 1963. Field checked 1964
Polyconic projection. 1927 North American datum
10,000 foot grid based on Pennsylvania coordinate system.
South zone
1000-meter Universal Transverse Mercator grid ticks,
zone 17, shown in blue

UTM GRID AND 1973 MAGNETIC NORTH
DECLINATION AT CENTER OF SHEET

SCALE 1:24,000
1 MILE
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Heavy duty Light duty
Medium duty Unimproved dirt
U.S. Route State Route

WHITESBURG, PA
N4037.5 W7922.5 / 5
1964
PHOTOREVISED 1973

Landslides and related features interpreted
from aerial photographs:
1:40,000 (black and white) 1974

Photointerpretation and field check, 1976
This map has not been edited or reviewed
for conformity with Geological Survey
standards and nomenclature.

LANDSLIDES AND RELATED FEATURES

OF THE WHITESBURG, PA. QUADRANGLE
by
John S. Pomeroy
1979
U.S. Geological Survey
OPEN FILE MAP 79-1314 (F-5)

- ACTIVE OR RECENTLY ACTIVE LANDSLIDE**
Complex landslide composed of earthflow, debris slide, earth and rock slump. Identified from historical records, and from scars, debris and other field evidence. Ground extremely unstable; sliding accelerated by excavation, loading and changes in drainage conditions. May include areas with several active slides too small to be shown separately. Questioned where doubtful.
- OLD LANDSLIDE**
Area of extensive hummocky ground caused by earthflow and earth and rock slump. Lacks clear evidence of active sliding. Relatively stable in natural, undisturbed state, generally not affected by small structures properly sited in areas away from the edge of the toe; can be reactivated by extensive, rapid excavation, loading, and changes in ground water and surface water conditions. Area of old landslide probably includes recent ones not identified from field evidence or otherwise documented. Upslope boundary of landslide generally defined by modified scarp, but downslope (toe) may be gradational and not well defined. Questioned where doubtful.
- COMBINATION LANDSLIDE**
Area of recent and old slides in which individual slides are not identified.
- COLLUVIAL SLOPE**
Valley wall along major streams with slope as steep as 40° (65 %); stony, clayey silt soil up to 50 ft. (15 m) thick; commonly buttressed by a terrace or bench at the toe of the slope; very susceptible to sliding by cutting of toe area, removal of terrace or bench, and overloading; slide commonly activated