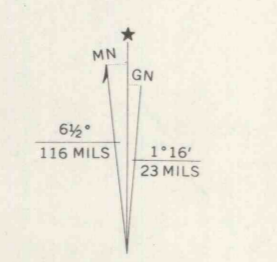


Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography by photogrammetric methods from aerial photographs taken 1967. Field checked 1968  
Polyconic projection. 1927 North American datum  
10,000-foot grids based on Pennsylvania coordinate system, north and south zones  
1000-meter Universal Transverse Mercator grid ticks, zone 17, shown in blue  
Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked  
Area covered by dashed light-blue pattern is subject to controlled inundation



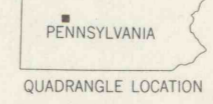
SCALE 1:24,000  
CONTOUR INTERVAL 20 FEET  
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Primary highway, all weather, hard surface	Light-duty road, all weather, improved surface
Secondary highway, all weather, hard surface	Unimproved road, fair or dry weather

U. S. Route      State Route

•PT4GS A55  
 •PT4GS M66  
 — Lease Lines  
 Strip Mines  
 STRIPPED AREAS  
 GEOLOGICAL STRUCTURE



VALIER, PA.  
NE/4 SMICKSBURG 15' QUADRANGLE  
N4052.5—W7900/7.5  
1968  
AMS 5165 1E—SERIES V831

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