



See Pit  
Escarpment Tilt  
Spill to tunnel  
overflow overcast

DEEP SLIPS

No. 9 Drift  
Very little water  
Seeps into old  
Bankfield Strip Pit

P.R. Coal Co.

Popovich  
Coal Co.

Long Hill  
Coal Co.

M.H. Co. Co.

Stream entering  
backflow spill  
fit no overflow

Flow water  
from eastern  
deep pit  
1000 qpm

ABANDONED DEEP MINE  
GRAVITY

ACTIVE DEEP MINE  
PUMPING

ACTIVE DEEP MINE  
GRAVITY

BREAKERS

ABANDONED STRIP  
MINE GRAVITY  
Same shaft W-152

ABANDONED DEEP  
MINE - UNDERGROUND  
FLOW TO ABANDONED  
DEEP MINE

M&S Coal Co. - W128

ABANDONED DEEP  
MINE - PUMPING  
M&S Coal Co. - 149

ACTIVE DEEP MINE  
UNDERGROUND FLOW  
TO ABANDONED DEEP  
MINE

ACTIVE DEEP MINE  
PUMPING TO SURFACE  
RE-ENTRY INTO DEEP  
MINE

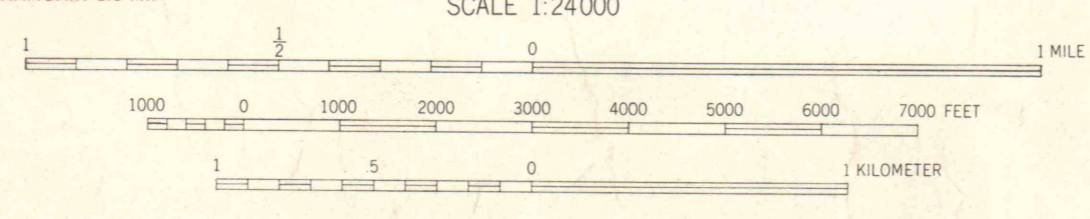
ACTIVE STRIP MINE  
GRAVITY

ACTIVE STRIP MINE  
PUMPING

CUT FILL  
RE-ENTRYING ABANDONED  
DEEP MINE

RE-ENTRYING  
ABANDONED STRIP  
MINE PIT

Mapped, edited, and published by the Geological Survey  
Control by USGS and USC&GS  
Topography from aerial photographs by multiplex methods  
Aerial photographs taken 1942. Field check 1944  
Culture revised 1955  
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 18, shown in blue



ROAD CLASSIFICATION

Heavy-duty	Light-duty
Medium-duty	Unimproved dirt
U. S. Route	State Route

MOUNT CARMEL, PA  
SW/4 CATAWISSA 15' QUADRANGLE  
N4045-W7622.5/7.5