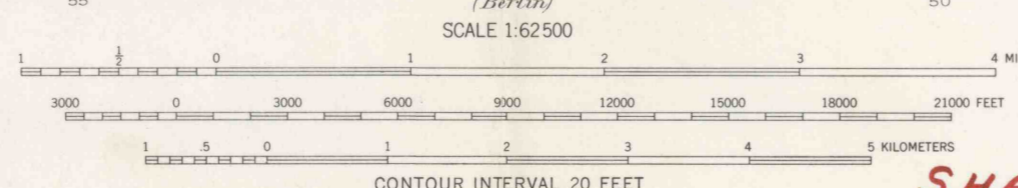




Deep Coal Mine #
Operation of
SHERIK Coal Co.
LOWER KITTANNING
Coal-B-Seam
located by
M.E. TREMEL ENGR.
Reg. No. 13535.
Aug. 31, 1966.

R. B. Marshall, Chief Geographer.
Frank Sutton, Geographer in charge.
Topography by Robert Muldrow, Oscar Jones,
E. E. Witherspoon, and E. D. Monroe.
Control by Geo. T. Hawkins and T. A. Green.
Surveyed in 1913-1914.



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1963 MR 4639
Polyconic projection. 1927 North American datum

**SHADE TOWNSHIP
SOMERSET COUNTY
PERMIT NUMBER - 129-1
"B"-OR LOWER KITTANNING SEAM**

PA
WINDBER
N4000-W7846/15
1914

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST