



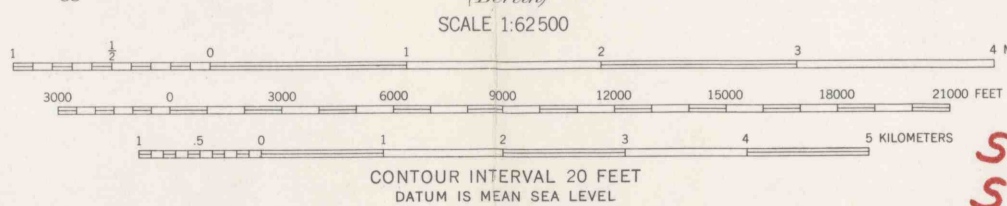
Richard L. Ripple
Coal

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Coal

Mine Located
by R.E. Flegle
P.E.

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.

APPROXIMATE MEAN
DECLINATION 1914.



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

**SHADE TOWNSHIP
SOMERSET COUNTY
PERMIT NUMBER-151-1
"B"-OR LOWER KITTANNING SEAM**

PA
WINDBER
N4000-W7845/15
1914

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