



Richard L. Ripple
Coal

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Mine Located
by R.E. Fleagle
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

SCALE 1:62,500
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

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

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

PA
WINDBER
N4000-W7845/15

1914