

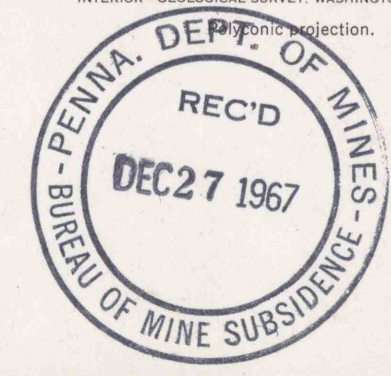
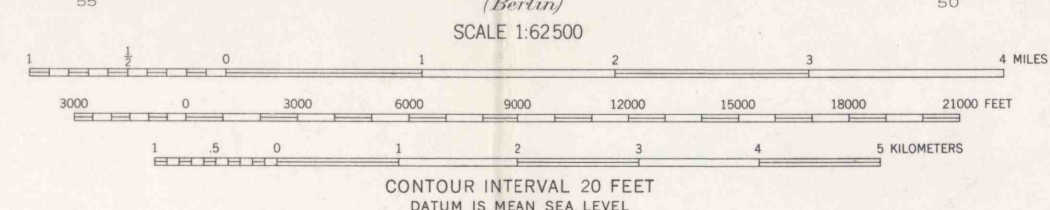


SHADE TOWNSHIP
SOMERSET COUNTY
PERMIT NUMBER - 346 - 1
C - PRIME - OR UPPER KITTANNING SEAM

Walter E. Bloch
Graff Engineering Co.
Blairsville Pa.
December 19, 1967

Freeman Berkebile
Freeman Berkebile Mine
R.D. #2 Stoytown, Pa. 15523

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.



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