



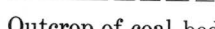
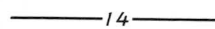






EXPLANATION

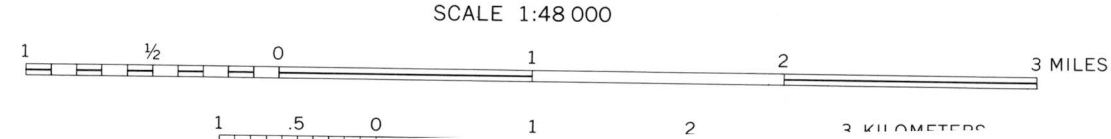
-  Areas underlain by coal estimated to be more than 42 inches thick
-  Areas underlain by coal estimated to be 28 to 42 inches thick
-  Areas underlain by coal estimated to be 14 to 28 inches thick
-  Areas where coal is estimated to be less than 14 inches thick or removed by erosion
-  Outcrop of coal bed
Dashed where projected
-  Coal thickness line
*Approximately located
Interval 14 inches*

LOCATION OF MEASURED COAL THICKNESS

-  (43)
Outcrop
 -  (46)
Mine
 -  (28+)
Caved mine
 -  DH23
Drill hole
- Numbers refer to graphic sections; numbers in parentheses are coal thicknesses in inches
- The Lower Broas coal bed is included in the northwest corner of the quadrangle as shown in plate 4



COAL THICKNESS MAP FOR THE UPPER BROAS COAL BED
IN THE VARNEY QUADRANGLE, KENTUCKY



Base by U.S. Geological Survey, 1954

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1965—G64386