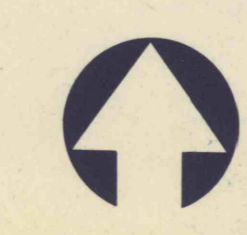


Topography compiled from aerial photography taken May, 1963
 L. Robert Kimball, Consulting Engineers, Ebensburg, Pennsylvania, for
 BARNES & TUCKER COAL COMPANY.



BARNES & TUCKER COAL COMPANY
BRADLEY JUNCTION LANDS
 EAST CARROLL TOWNSHIP, CAMBRIA COUNTY, PENNSYLVANIA
 SCALE 1" = 200'
 FEBRUARY, 1964

MATCH TO SHEET 4

MATCH TO SHEET 2