



THIS MAP IS A COMPOSIT OF PROPERTY MAPS OF THE FOLLOWING COMPANIES:
 LOGAN COAL CO., PENNY REALTY CO., EASTERN GAS & FUEL ASSOCIATES,
 JOHNSTOWN COAL & COKE CO., W. H. PIPER & CO., & SILLIMAN ENGINEERS.

THE LOWER KITTANNING OR "B" COAL SEAM HAS BEEN MINED
 TO EXHAUSTION OR EXTENSIVELY MINED OVER THROUGHOUT THE
 TRACTS INCLUDED IN THIS MAP

ISOPACH M.D. OF 'D' SEAM
CAMBRIA MINING & MANUFACTURING CO.
 COMBINED MAP OF PROPERTIES
 IN
 CRESSON, MUNSTER, WASHINGTON, PORTAGE, SUMMERHILL
 CROYLE, & ADAMS TOWNSHIPS, CAMBRIA COUNTY, PA.
 SCALE - 1" = 1000'
 MAY 1974

TRACED FROM MAP BY BENJ. R. AULD
 BY
 GWIN, DOBSON & FOREMAN, INC.
 CONSULTING ENGINEERS
 ALTOONA, PENNSYLVANIA