



**LEGEND**

- ☐ FEE TRACTS
- ▨ COAL TRACTS
- ▩ COAL TRACTS - Not All Seams Owned
- ▭ SURFACE
- ▮ SURFACE & All Seams Except B & E

**ISOPACH MAP OF "E" SEAM  
CAMBRIA MINING & MANUFACTURING CO.  
COMBINED MAP OF PROPERTIES**

IN  
CRESSION, MUNSTER, WASHINGTON, PORTAGE, SUMMERHILL  
CROYLE, & ADAMS TOWNSHIPS, CAMBRIA COUNTY, PA.

SCALE - 1" = 1000'

MAY 1974

THIS MAP IS A COMPOSIT OF PROPERTY MAPS OF THE FOLLOWING COMPANIES:  
LOGAN COAL CO., PENVIC 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

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