



ORIGINAL PERMIT AREA 12,049 ac
AMENDMENT AREA 1,369 ac
NEW PERMIT AREA 12,418 ac
BETHLEHEM MINES CORPORATION
NANTY GLO MINE NO. 31
MINE DRAINAGE PERMIT NO. 1170301

BETHLEHEM MINES CORPORATION
BROOKDALE MINE NO. 77
MINE DRAINAGE PERMIT NO. 568M008

BETHLEHEM MINES CORPORATION
CAMBRIA DIVISION, EBENSBURG, PA.
MINES NOS. 31 & 77
SCALE 1" = 2000' MAR. 1974
LOWER KITTANNING, B-SEAM.

TOPOGRAPHIC MAP
EXHIBIT - A



A.T. SOSSONG
R.P.E. 7673-E
DIVISION ENGINEER

A. T. Sossong

- LEGEND**
- EXISTING PERMIT AREA
 - - - AMENDMENT AREA
 - BOREHOLE (POWER AND/OR WATER)
 - 31 MINE - PERMIT # 1170301, AMENDMENT NO. 3
 - 77 MINE - PERMIT # 568M008, AMENDMENT NO. 2

4504

31 MINE

SCALE 1:24,000
CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Map prepared and published by the Geological Survey
Control points from USGS and USCGS
Photographic position, 1927 North American datum
10,000 to 100,000 feet based on Pennsylvania coordinate system, south zone
Meters and feet indicated by the vertical scale
Scale 1:24,000
Contour interval 20 feet
Datum is mean sea level
Magnetic declination at center of sheet
This map complies with National Map Accuracy Standards
FOR SALE BY U.S. GEOLOGICAL SURVEY, WASHINGTON, D.C.
A FEW PER. PER. FROM THE TOPOGRAPHIC MAPS AND SYMBOLS IS AN 11x17