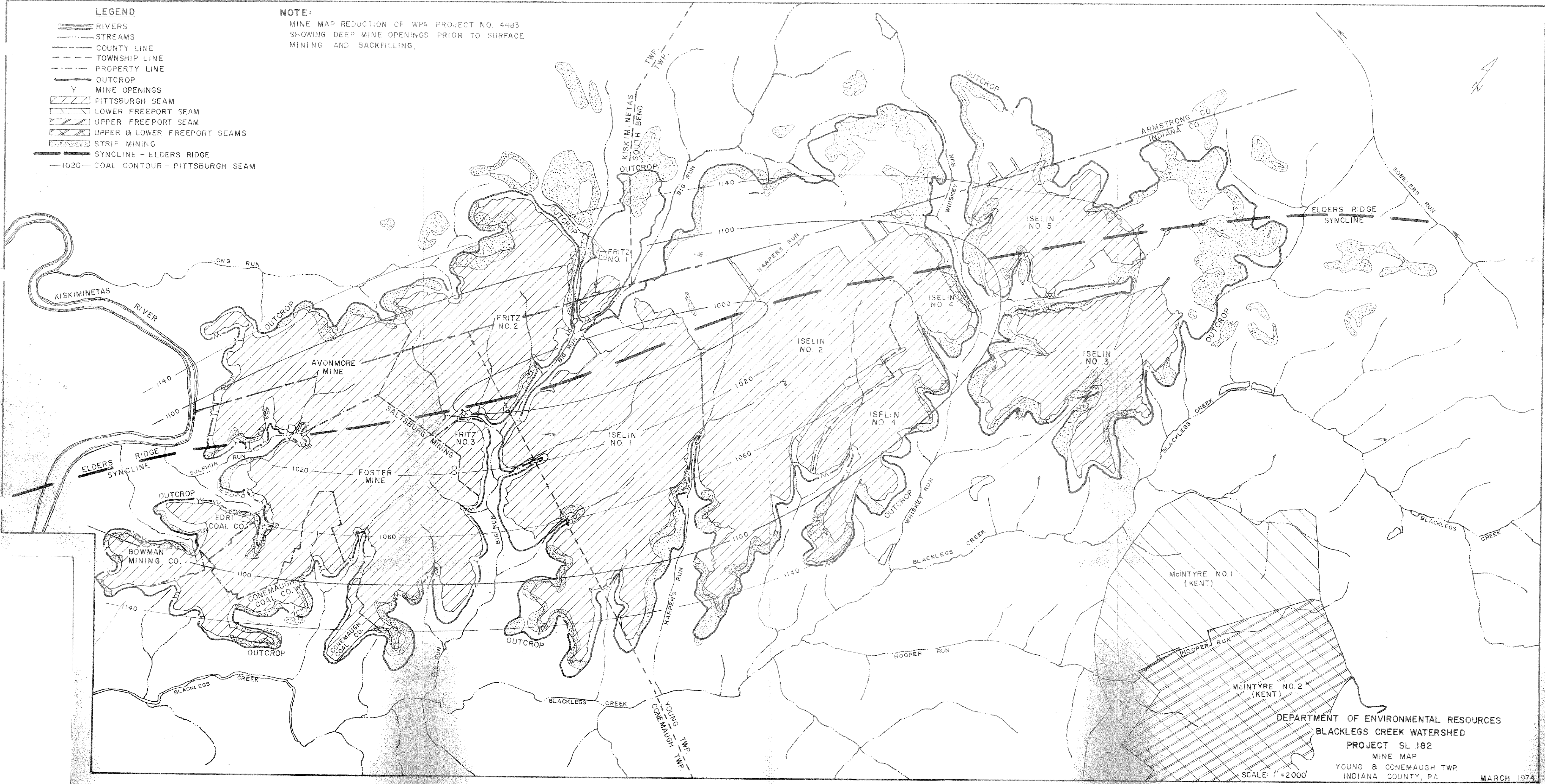


LEGEND

- RIVERS
- STREAMS
- COUNTY LINE
- TOWNSHIP LINE
- PROPERTY LINE
- MINE OPENINGS
- PITTSBURGH SEAM
- LOWER FREEPORT SEAM
- UPPER FREEPORT SEAM
- UPPER & LOWER FREEPORT SEAMS
- STRIP MINING
- SYNCLINE - ELDERS RIDGE
- COAL CONTOUR - PITTSBURGH SEAM

NOTE:

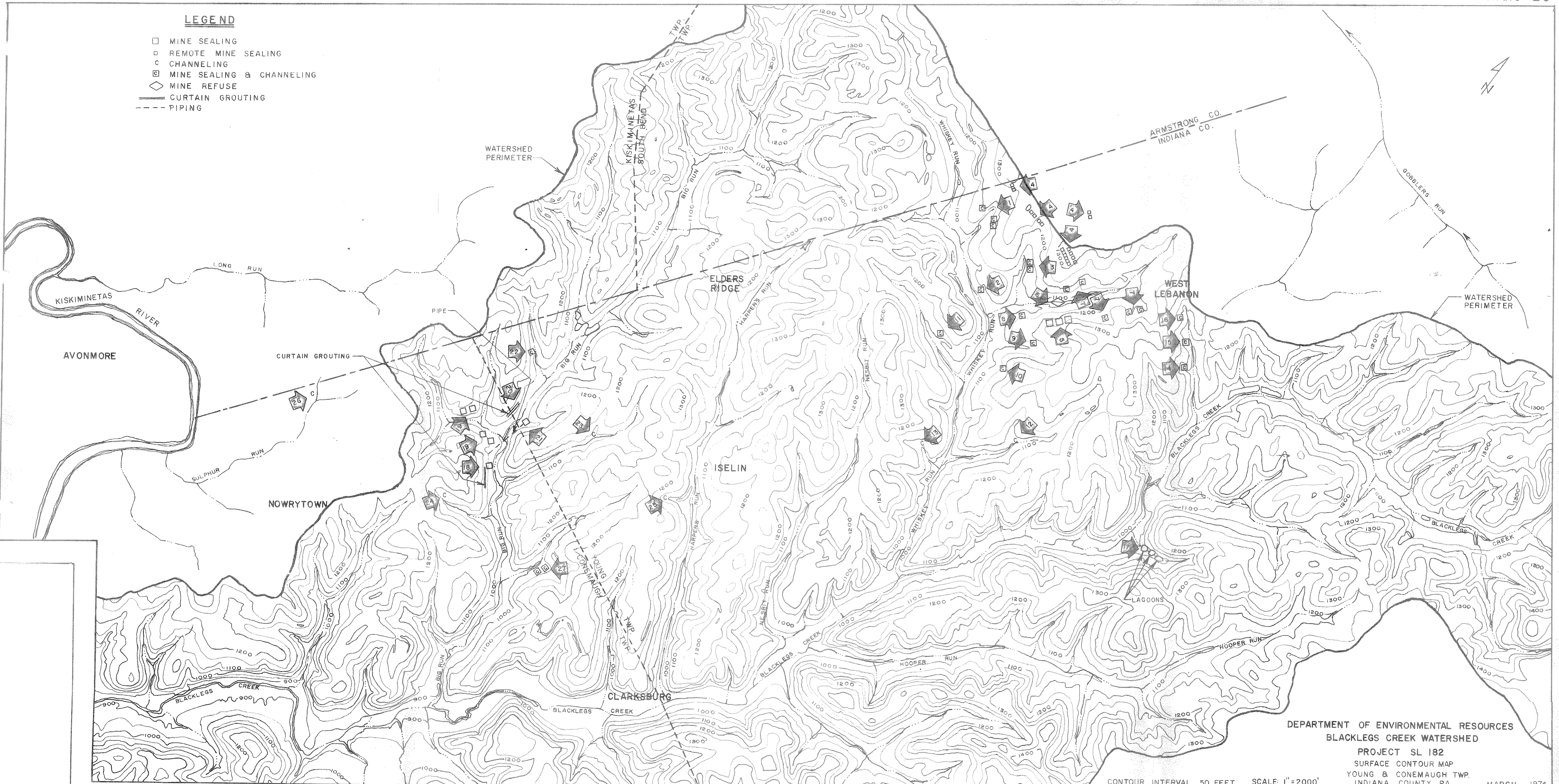
MINE MAP REDUCTION OF WPA PROJECT NO. 4483  
SHOWING DEEP MINE OPENINGS PRIOR TO SURFACE  
MINING AND BACKFILLING.



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
 BLACKLEGS CREEK WATERSHED  
 PROJECT SL 182  
 MINE MAP  
 YOUNG & CONEMAUGH TWP  
 INDIANA COUNTY, PA  
 SCALE: 1" = 2000'

**LEGEND**

- MINE SEALING
- REMOTE MINE SEALING
- c CHANNELING
- ▣ MINE SEALING & CHANNELING
- ◇ MINE REFUSE
- CURTAIN GROUTING
- - - PIPING



DEPARTMENT OF ENVIRONMENTAL RESOURCES  
 BLACKLEGS CREEK WATERSHED  
 PROJECT SL 182  
 SURFACE CONTOUR MAP  
 YOUNG & CONEMAUGH TWP.  
 INDIANA COUNTY, PA. MARCH 1974

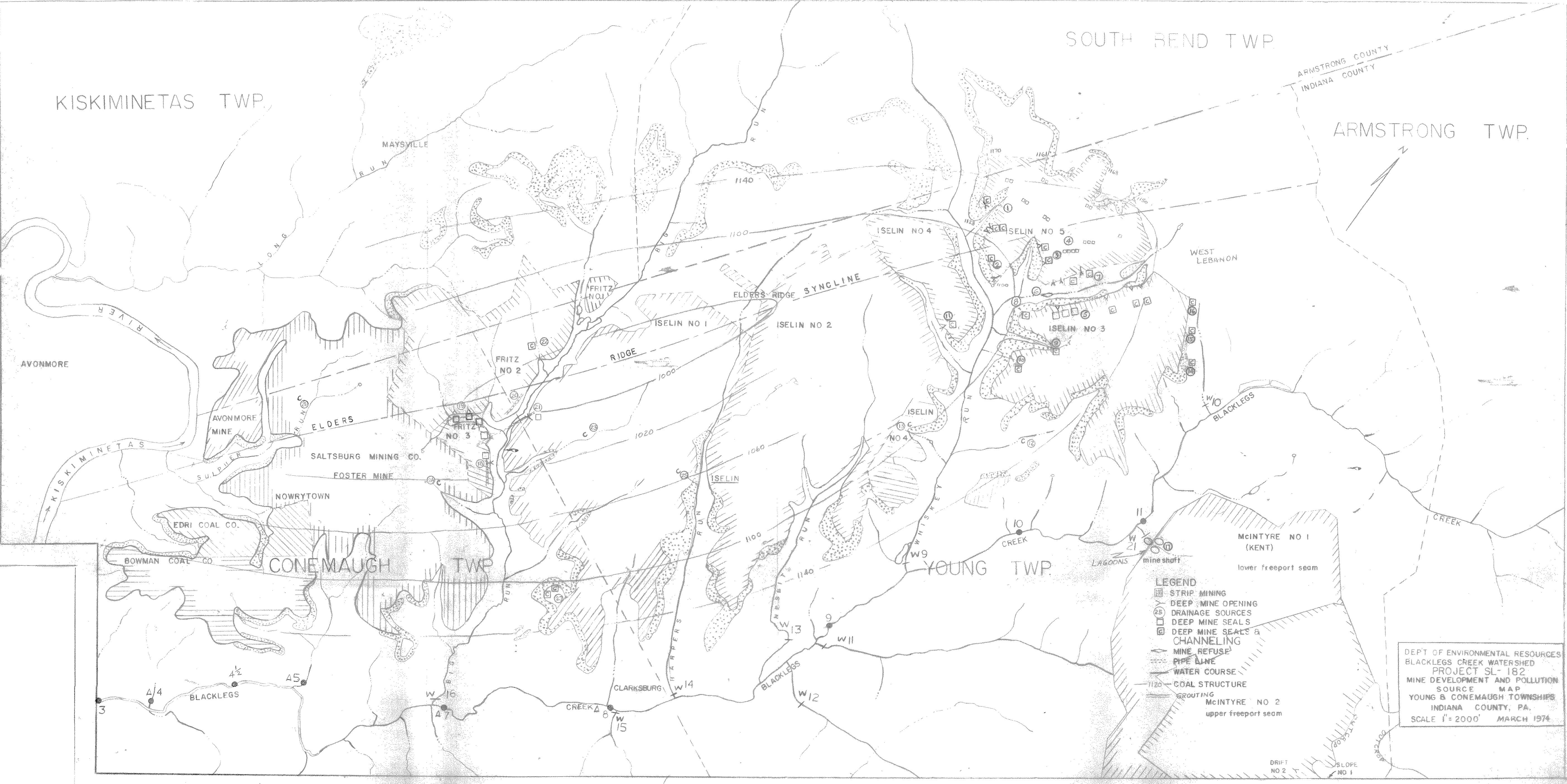
CONTOUR INTERVAL 50 FEET SCALE: 1"=2000'

SOUTH BEND TWP.

KISKIMINETAS TWP.

ARMSTRONG COUNTY  
INDIANA COUNTY

ARMSTRONG TWP.



- LEGEND**
- ▣ STRIP MINING
  - DEEP MINE OPENING
  - DRAINAGE SOURCES
  - DEEP MINE SEALS
  - ⊠ DEEP MINE SEALS & CHANNELING
  - MINE REFUSE
  - PIPE LINE
  - WATER COURSE
  - COAL STRUCTURE
  - GROUTING
- McINTYRE NO 1 (KENT)  
lower freeport seam
- McINTYRE NO 2  
upper freeport seam

DEPT OF ENVIRONMENTAL RESOURCES  
BLACKLEGS CREEK WATERSHED  
PROJECT SL-182  
MINE DEVELOPMENT AND POLLUTION  
SOURCE MAP  
YOUNG & CONEMAUGH TOWNSHIPS  
INDIANA COUNTY, PA.  
SCALE 1" = 2000' MARCH 1974