



**REFERENCE DRAWINGS:**

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U.S.G.S. TOPOGRAPHIC MAP 7.5-MINUTE SERIES WAYNESBURG QUADRANGLE, PA., PHOTO REVISÉD 1975.

U.S.G.S. TOPOGRAPHIC MAP 7.5-MINUTE SERIES MATHER QUADRANGLE, PA., PHOTO 1967.

U.S.G.S. TOPOGRAPHIC MAP 7.5-MINUTE SERIES ELLSWORTH QUADRANGLE, PA., PHOTO REVISÉD 1975.

U.S.G.S. TOPOGRAPHIC MAP 7.5-MINUTE SERIES CALIFORNIA QUADRANGLE, PA., PHOTO 1954.

U.S.G.S. TOPOGRAPHIC MAP 7.5-MINUTE SERIES CARMICHAELS QUADRANGLE, PA., PHOTO REVISÉD 1975.

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BRIGGS, R.P., AND W.F. KOHL, 1976, MAP SHOWING MAJOR FOLD AXES, SATELLITE-IMAGERY LINEMENTS, CLIMATE AFFECTIVITY ANOMALIES AND LINES OF STRUCTURAL DISCONTINUITIES, SOUTHWESTERN PENNSYLVANIA AND VICINITY, U.S. GEOLOGICAL SURVEY MAP MF-816.

- LEGEND**
- 500 ——— CONTOUR-BASE OF THE PITTSBURGH COAL
  - +—— AXIS OF SYNCLINE
  - +—— AXIS OF ANTICLINE
  - 12 BORING OR WELL LOCATION
  - MINERAL BOUNDARY
  - MP-1 (W) GROUND WATER MONITORING POINT - WELL
  - MP-2 (W) GROUND WATER MONITORING POINT - WELL
  - MP-3 (S) GROUND WATER MONITORING POINT - SPRING
  - NOMINAL ALIGNMENTS OF MAJOR STREAMS, RIVERS AND WATER IMPOUNDMENTS
  - NOMINAL ALIGNMENTS OF SEGMENTS OF INTERMITTENT STREAM VALLEYS
  - SATELLITE-IMAGERY LINEMENTS (FROM BRIGGS AND KOHL, 1976)
  - Y ABANDONED MINE ENTRIES IN WAYNESBURG COAL (MAPPED BY BERRYHILL AND SCHWEINFURTH, 1964)
  - OUTCROP OF WAYNESBURG COAL (MAY NOT BE MINABLE AT ALL LOCATIONS)
  - WELL (OR BORING) LISTED IN PENNSYLVANIA GEOLOGICAL SURVEY WATER WELL INVENTORY

SCALE: 1" = 2000'

2000' 0 2000' 4000'

**NOTE:**

- FOR SECTIONS A-A AND B-B SEE DRAWING 80-113-E2 (FIGURE 2)
- STRIP MINES ARE IN WAYNESBURG COAL.

**MON VALLEY STEEL COMPANY, INC.**  
 supersedes BCNR Mining Corp.,  
 Republic Steel Corp., and  
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**FIGURE 1a**

GROUND WATER MONITORING PLAN  
 CLYDE MINE - STRUCTURAL GEOLOGY  
 GREENE AND WASHINGTON COUNTIES, PENNSYLVANIA

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