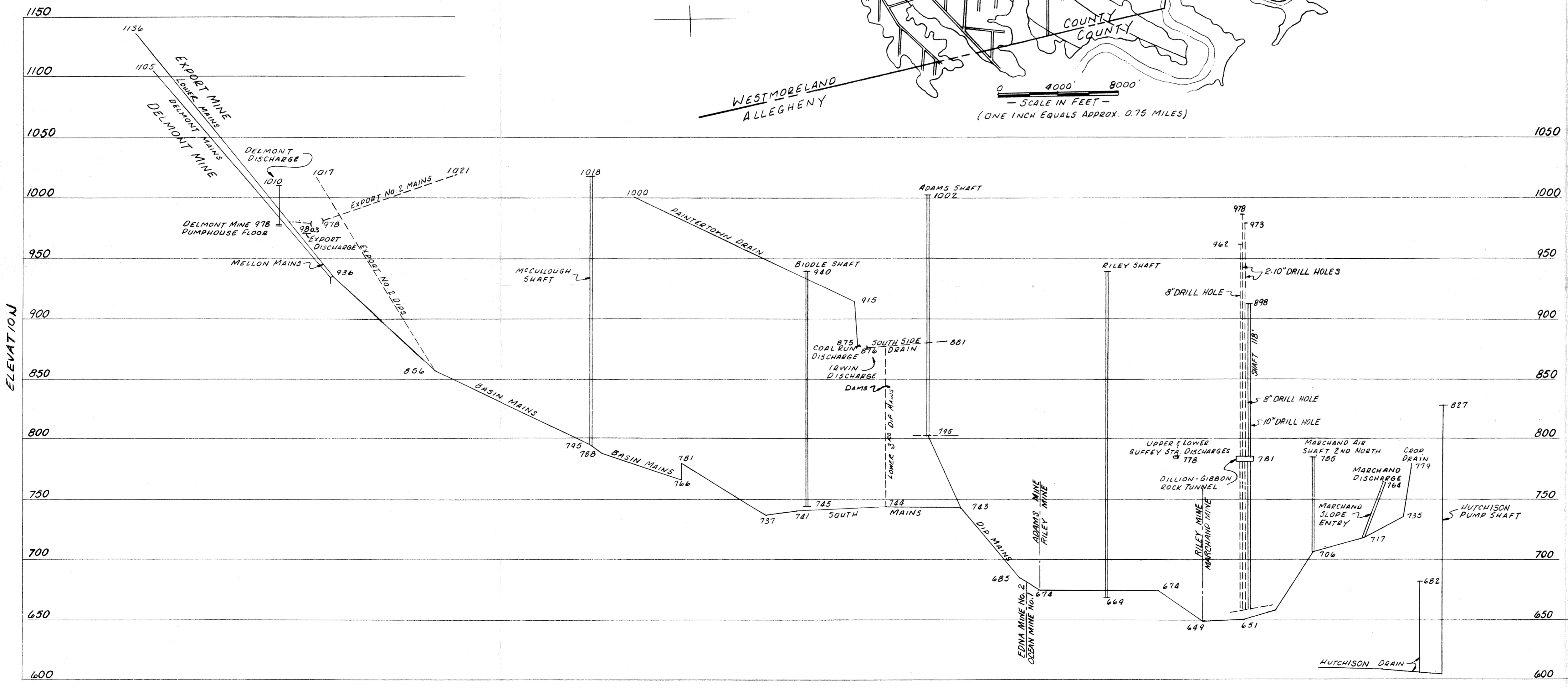


COMPOSITE MAP



DISCLAIMER:
 Major Barriers Shown Are Composite of Those Obtained From W.P.A. Maps and Current Renditions of Privately Owned Maps.
 Intent is to Illustrate the Existing Major Barriers That Are Considered Most Significant in Influencing the Subsurface Hydrology.



- LEGEND**
- Irwin Syncline Axis (Mileage Marker)
 - Pittsburgh Coal Seam Contour
 - Coal Outcrop Line
 - County Boundary Line
 - Mine Barrier Pillars (Intact)
 - Mine Barrier Pillars (Reportedly Severed)
 - Coal Reservations
 - Railroads
 - Original Set of Mine Pool Monitoring Locations
 - △ Major Discharge Locations
 - ▲ Monitoring Well Locations Installed Under Operation Scarlift Project SL 103-5-101.5
 - * 25 Butt Borehole Discharge - Halted Just Prior To Abandonment of The Hutchison Mine
 - C-744 Coal Elevations
 - 876 Surface Elevations

BASIN DRAINAGE PROFILE TO 1955

IRWIN SYNCLINE BASIN MINE DRAINAGE POLLUTION ABATEMENT PROJECT		
WESTMORELAND COUNTY, PENNA. OPERATION SCARLIFT PROJECT NO. SL 103-5		
COMPOSITE MAP		
COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES OFFICE OF RESOURCES MANAGEMENT		
DRAWN BY B.M.C.	DATE	DRAWING NO.
CHECKED BY R.C.O.	SCALE AS SHOWN	