



- LEGEND**
- TOWNSHIP LINE
 - BOUNDARY LINE
 - MIDDLE KITTANNING OUTCROP
 - Y DEEP MINE OPENINGS
 - DRILL HOLES
 - WEIR POINTS
 - STRUCTURE CONTOURS
 - MINE REFUSE PILES
 - STRIP MINE AREAS
 - DEEP MINE AREAS
 - SURFACE CONTOURS

A.S.M.R.P. APPALACHIAN STRIP MINE RECLAMATION PROJECT NO. 1
 NOTE: Mining Areas and Topography Compiled from Field Surveys, Aerial Photos, Existing Maps and Mining Information of G.E.I., D.F.B.W., D.M.M.I., P.S., U.S.B.M., U.S.G.S. and others.

COMMONWEALTH OF PENNSYLVANIA
 DEPARTMENT OF MINES & MINERAL INDUSTRIES
 MINE DRAINAGE PROJECT MD-8
 IN
MORaine STATE PARK
 BUTLER COUNTY, PENNSYLVANIA
 SCALE: 1"=1000' 1967

PLANS PREPARED BY
 MINING DEPARTMENT
 GWIN ENGINEERS, INC.
 CONSULTING ENGINEERS
 ALTOONA, PENNSYLVANIA