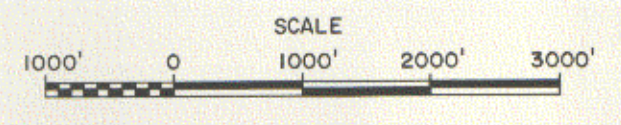


LOCATION MAP

LEGEND	
	STATE OR LEGISLATIVE ROAD
	IMPROVED ROAD
	UNIMPROVED ROAD
	BOROUGH OR CITY LIMIT
	COUNTY BOUNDARY
	TOWNSHIP BOUNDARY
	WATERSHED LIMIT
	BARRIER PILLAR
	STREAMS
	STREAMS WITH INTERMITTENT FLOW
	UNDISTURBED SURFACE CONTOUR
	SLOPE OR DRIFT ENTRY
	SHAFT
	BREAKER
	EXTENT OF MAJOR DEEP MINE WORKINGS DRAINING TO WATERSHED
	EXTENT OF MAJOR DEEP MINE WORKINGS WITHIN WATERSHED DRAINING TO MAHANOHY CREEK
	STREAM QUALITY SAMPLING STATION
	STREAM QUALITY SAMPLING AND GAGING STATION
<b>PREVENTIVE MEASURES</b>	
	STRIP MINE RESTORED
	NOT RESTORED
<b>PREVENTIVE MEASURES (CONT.)</b>	
	SUBSIDENCE AREA RESTORED
	NOT RESTORED
	REFUSE AREA REGRADED AND COVERED
	NOT AFFECTED
	CLEAR EXISTING STREAM CHANNEL
	SURFACE WATER DIVERSION DITCH
	LINED CHANNEL
	REPAIR AND REPLACE EXISTING LINED CHANNEL
<b>TREATMENT MEASURES</b>	
	BREACH BARRIER PILLAR DIRECTING AND NO. ② TO UNDERLYING DEEP MINE POOL
	BORE HOLES
	CONVEYANCE SYSTEM
	TREATMENT PLANT SITE
	MD DISCHARGE POINTS
	ELIMINATED BY PREVENTIVE MEASURES
	COLLECTED AND TREATED AFTER REDUCTION BY PREVENTIVE MEASURES
	COLLECTED AND TREATED
	NOT AFFECTED BY ABATEMENT MEASURES



**PLATE IV-B**  
 COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL RESOURCES

MINE DRAINAGE  
 POLLUTION ABATEMENT MEASURES

**RECOMMENDED ABATEMENT PLAN  
 FOR  
 SHAMOKIN CREEK WATERSHED**

GANNETT FLEMING CORDDRY & CARPENTER INC.  
 ENGINEERS  
 HARRISBURG, PENNSYLVANIA

MAY, 1971