



NO.	DATE	REVISION	APPR.

SUBMITTED *Norman E. Mutchler*  
 PROFESSIONAL  
 APPROVED *Robert C. Ranni*  
 CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION  
 APPROVED *Jim Meigs*  
 DIRECTOR - BUREAU OF CONSULTING SERVICES



COMMONWEALTH OF PENNSYLVANIA  
 DEPARTMENT OF ENVIRONMENTAL RESOURCES  
 OFFICE OF ENGINEERING AND CONSTRUCTION

PROJECT NO. SL-126-2-7  
 MINE DRAINAGE  
 POLLUTION ABATEMENT  
 SWATARA CREEK WATERSHED  
 SCHUYLKILL COUNTY

BERGER ASSOCIATES, INC.  
 Consulting Engineers  
 P.O. Box 1943 Harrisburg, Penna.

**PERMANENT REFERENCES**

DRAWN BY	DATE	DRAWING NO.
J.S.	APR. 17, 1973	23 of 43
CHECKED BY	SCALE	23 of 43
M.W.	NO SCALE	