

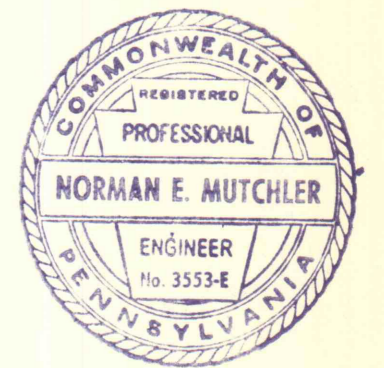
- B.M.# 20 Elev. 855.18
Spike in 16" Oak Stump
38.45' S.E. of Sta. 913+00
- B.M.# 21 Elev. 869.31
Spike in 12" Oak
40.23' S.W. of Sta. 919+00
- B.M.# 22 Elev. 875.72
Spike in 8" Oak
36.93' S.E. of Sta. 925+25
- B.M.# 23 Elev. 870.60
Spike in Root 3' Dead Oak
45.46' N.E. Sta. 929+99
- B.M.# 24 Elev. 862.80
Spike in Root 6" Tree
56.69' N.E. Sta. 936+17
- B.M.# 25 Elev. 864.05
Spike in 10" Oak
100.59' N.E. of Sta. 938+92

For Typical Sections of
Gebhard Run Channel Reloc.
See Sheet No. 18

For Profile of Gebhard Run
Channel Reloc. See Sheet No. 22

NO	DATE	REVISION	APPR.

SUBMITTED Norman E. Mutchler
 PROFESSIONAL
 APPROVED Albert A. Rainier
 CHIEF - DIVISION OF MINE DRAINAGE REHABILITATION
 APPROVED John Penney
 DIRECTOR - BUREAU OF CONSULTING SERVICES



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

PROJECT NO. SL-126-2-7

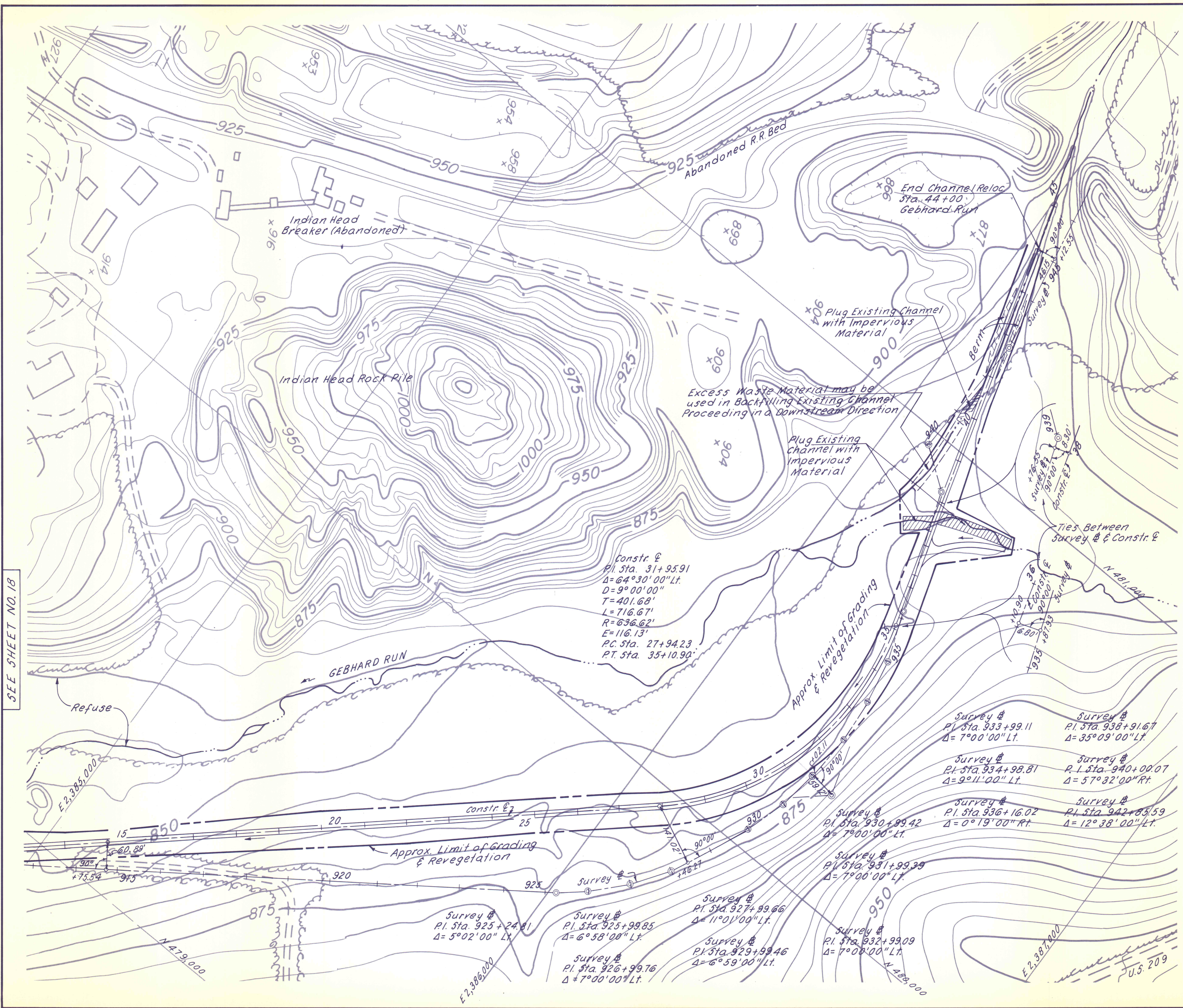
MINE DRAINAGE
POLLUTION ABATEMENT
SWATARA CREEK WATERSHED
SCHUYLKILL COUNTY

BERGER ASSOCIATES, INC.
Consulting Engineers

P.O. Box 1943 Harrisburg, Penna.

**PLAN
GEBHARD RUN RELOC.**

DRAWN BY W.G.	DATE APR. 17, 1973	DRAWING NO. 19 of 43
CHECKED BY T.T.	SCALE 1" = 100'	



Constr. &
 P.I. Sta. 31+95.91
 $\Delta = 64^{\circ}30'00''$ Lt.
 $D = 9^{\circ}00'00''$
 $T = 401.68'$
 $L = 716.67'$
 $R = 636.62'$
 $E = 116.13'$
 P.C. Sta. 27+94.23
 P.T. Sta. 35+10.90

Survey # P.I. Sta. 933+99.11
 $\Delta = 7^{\circ}00'00''$ Lt.
 Survey # P.I. Sta. 938+91.67
 $\Delta = 35^{\circ}09'00''$ Lt.

Survey # P.I. Sta. 934+98.81
 $\Delta = 9^{\circ}11'00''$ Lt.
 Survey # P.I. Sta. 940+00.07
 $\Delta = 57^{\circ}32'00''$ Rt.

Survey # P.I. Sta. 936+16.02
 $\Delta = 0^{\circ}19'00''$ Rt.
 Survey # P.I. Sta. 942+83.59
 $\Delta = 12^{\circ}38'00''$ Lt.

Survey # P.I. Sta. 930+99.42
 $\Delta = 7^{\circ}00'00''$ Lt.

Survey # P.I. Sta. 931+99.39
 $\Delta = 7^{\circ}00'00''$ Lt.

Survey # P.I. Sta. 927+99.66
 $\Delta = 11^{\circ}01'00''$ Lt.
 Survey # P.I. Sta. 929+99.46
 $\Delta = 6^{\circ}59'00''$ Lt.

Survey # P.I. Sta. 926+99.76
 $\Delta = 7^{\circ}00'00''$ Lt.

Survey # P.I. Sta. 925+99.85
 $\Delta = 6^{\circ}58'00''$ Lt.

Survey # P.I. Sta. 925+24.81
 $\Delta = 5^{\circ}02'00''$ Lt.

SEE SHEET NO. 18