STA. 25+42 MATCH LINE WITH DRAWING NO. 6

TOP OF SLOPE AND APPROXIMATE LIMIT OF REVEGETATION.

BORED

MATERIAL

Note:
See Sheet 6 of 9 for details of placement of rip-rap at areas of concentrated side flows.

N

SWATARA CREEK

TOP OF SLOPE AND APPROXIMATE LIMIT OF REVEGETATION.

@ P.I. 11+36.63

11+00

ROAD

SURVEY ℄

10+00

P.I. 9+20.06

9+09.40

9+00

N 68°01'E

43°57'

8+00

P.I. 7+85.48

TOP OF SLOPE AND APPROXIMATE LIMIT OF REVEGETATION.

SWATARA COAL COMPANY

NATURAL COAL COMPANY

Constr. ℄

P.I. STA. 21+42.03
Δ = 6°00'00"
D = 10°00'00"
T = 30.03'
L = 60.00'
R = 572.96'
E = 0.79'

P.T. 21+72.00

P.C. 21+12.00

BEGIN REINFORCED CONCRETE CHANNEL

50 L.F. RIP-RAP

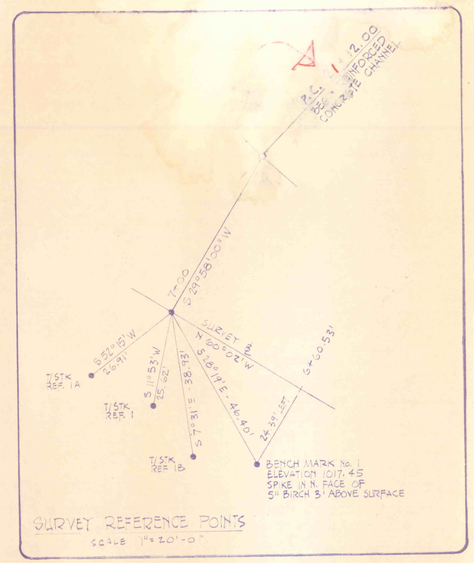
TOP OF SLOPE AND APPROXIMATE LIMIT OF REVEGETATION.

START WORK
STA. 20+62

7+00

6+60.53

SURVEY REFERENCE POINTS
SCALE 1"=20'-0"



NO.	DATE	REVISION	APPR.

SUBMITTED
PROFESSIONAL

APPROVED
CHIEF - DIVISION OF MINE RECLAMATION

APPROVED
DIRECTOR - BUREAU OF DESIGN

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
OFFICE OF RESOURCES MANAGEMENT

PROJECT NO. SL-126-1-5

MINE DRAINAGE POLLUTION ABATEMENT
SWATARA CREEK WATERSHED
SCHUYLKILL COUNTY, PENNSYLVANIA

NICHOLAS-COWLEY-BROSCH ASSOC., INC.
Consulting Engineers
3300 North Third St. Harrisburg

UPPER SWATARA CREE
PART I

DRAWN BY	DATE	DRAWING NO.
BEN	Jan. 11, 1974	5 of 9
CHECKED BY	SCALE	
HPC	1" = 20'	