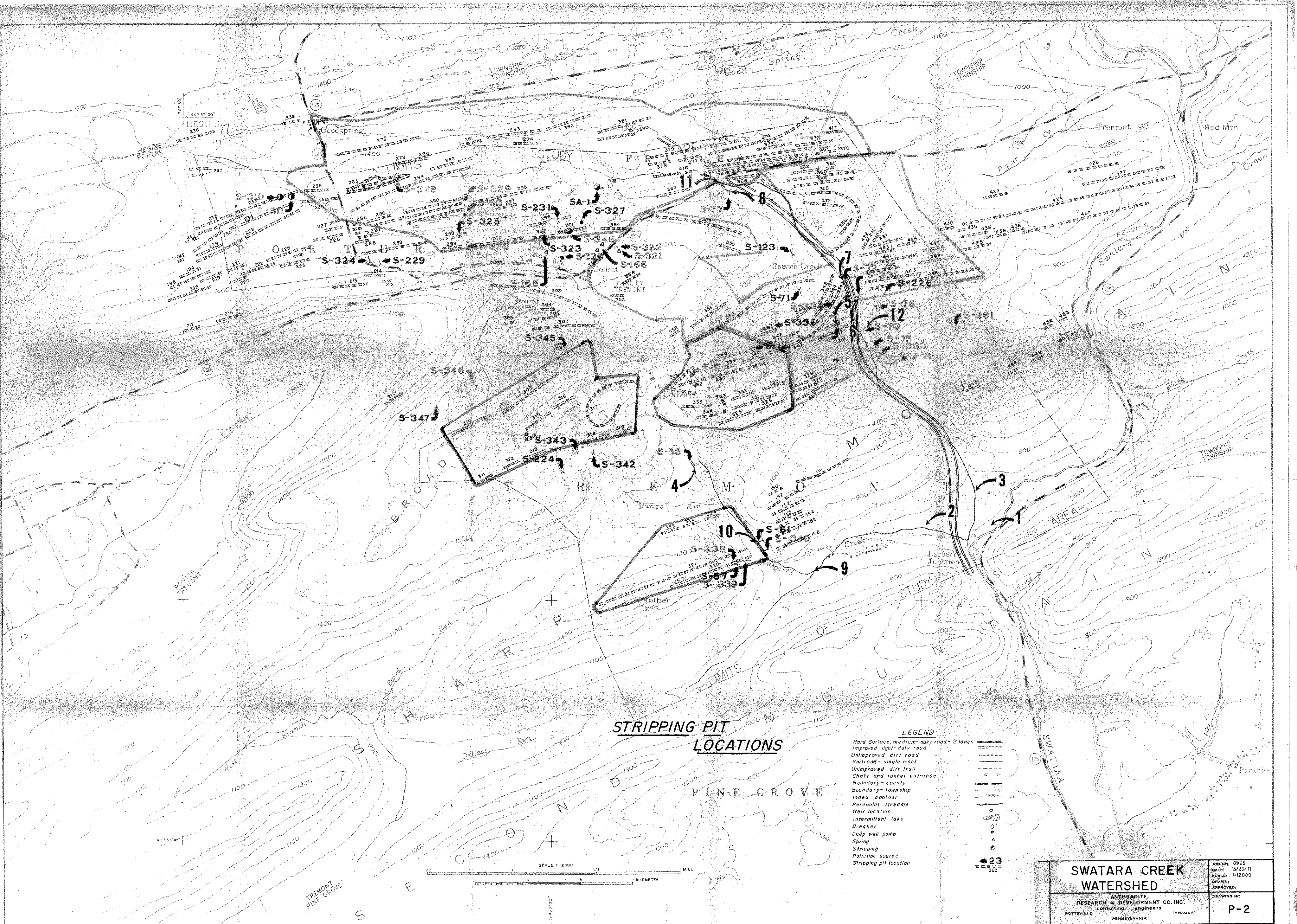


- LEGEND**
- Hard Surface, heavy-duty road - 2 lanes
 - Hard Surface, medium-duty road - 2 lanes
 - Improved light-duty road
 - Unimproved dirt road
 - Railroad - single track
 - Unimproved dirt trail
 - Shaft and tunnel entrance
 - Boundary - county
 - Boundary - township
 - Index contour
 - Perennial stream
 - Weir location
 - Intermittent lake
 - Breaker
 - Deep well pump
 - Spring
 - Stripping
 - Pollution source

BASE MAP

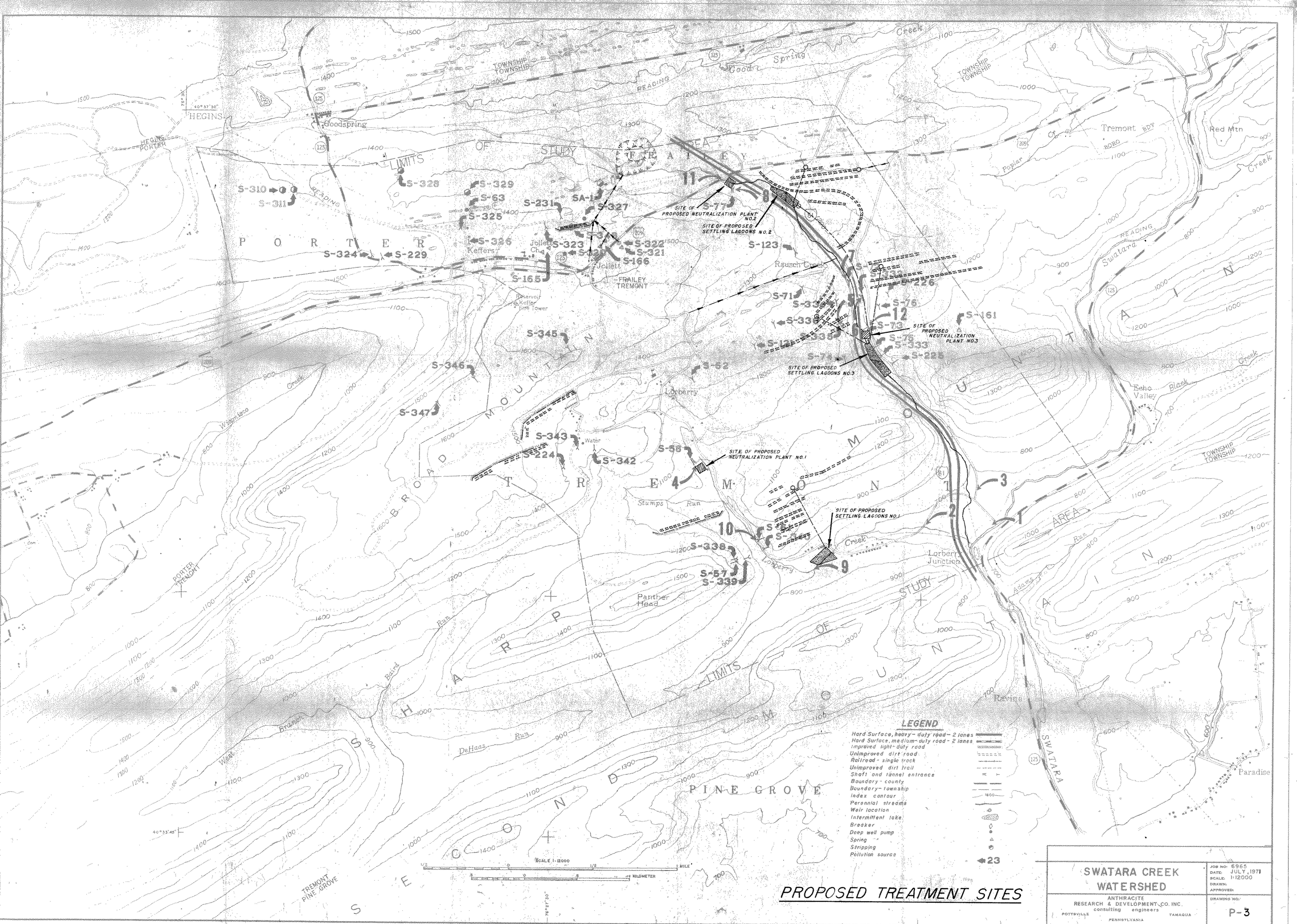
SWATARA CREEK WATERSHED		JOB NO: 6365
ANTHRACITE RESEARCH & DEVELOPMENT CO. INC. consulting engineers		DATE: JULY, 1970
POTTSVILLE PENNSYLVANIA TAMAQUA		SCALE: 1:12000
		DRAWN: APPROVED:
		DRAWING NO.
		P-1



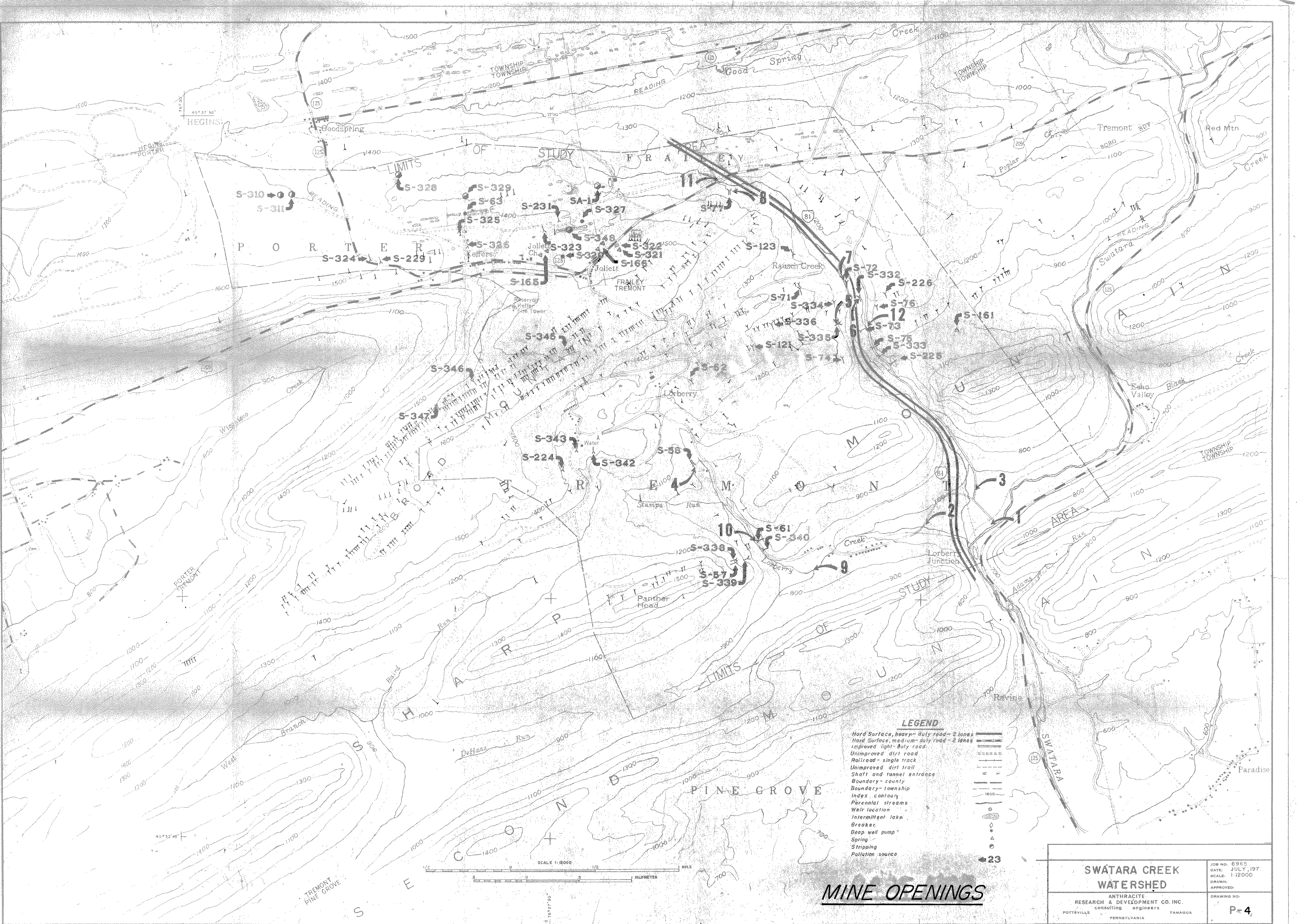
STRIPPING PIT LOCATIONS

- LEGEND**
- Hard Surface, medium-duty road - 2 lanes
 - Improved light-duty road
 - Unimproved dirt road
 - Railroad - single track
 - Unimproved dirt trail
 - Shaft and tunnel entrance
 - Boundary - county
 - Boundary - township
 - Index contour
 - Perennial streams
 - Well location
 - Intermittent lake
 - Breaker
 - Deep well pump
 - Spring
 - Stripping
 - Pollution source
 - Stripping pit location

SWATARA CREEK WATERSHED		JOB NO: 6965 DATE: 3/23/71 SCALE: 1:12000 DRAWING APPROVED:
ANTHRACITE RESEARCH & DEVELOPMENT CO. INC. consulting engineers		DRAWING NO: P-2
POTTSVILLE PENNSYLVANIA		TAMAQUA



SWATARA CREEK WATERSHED		JOB NO: S965 DATE: JULY, 1971 SCALE: 1:12000 DRAWN: APPROVED: DRAWING NO:
ANTHRACITE RESEARCH & DEVELOPMENT CO. INC. consulting engineers		TAMAGUA P-3



LEGEND

- Hard Surface, heavy-duty road - 2 lanes
- Hard Surface, medium-duty road - 2 lanes
- Improved light-duty road
- Unimproved dirt road
- Railroad - single track
- Unimproved dirt trail
- Shaft and tunnel entrance
- Boundary - county
- Boundary - township
- Index contour
- Perennial streams
- Weir location
- Intermittent lake
- Breaker
- Deep well pump
- Spring
- Striping
- Pollution source

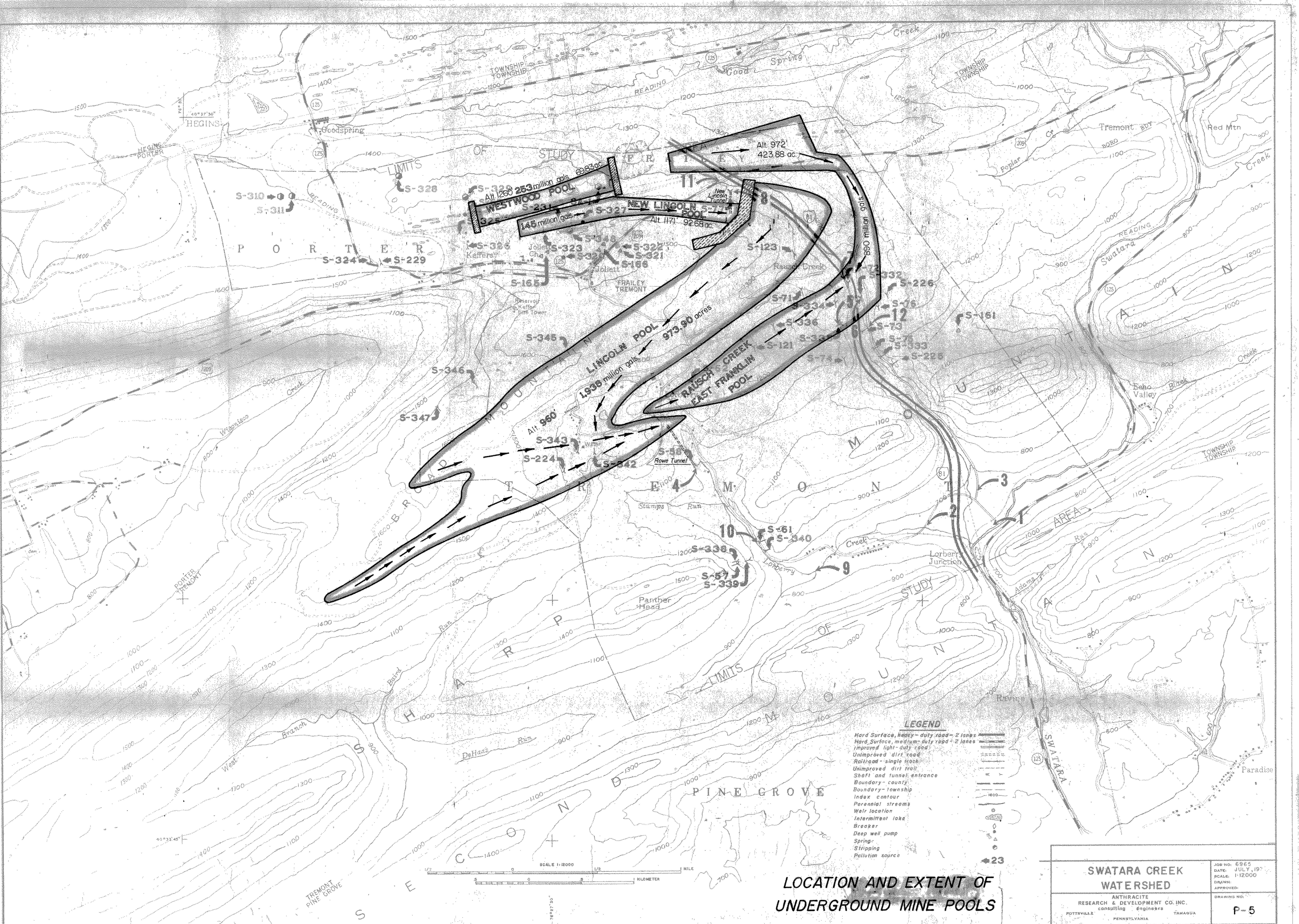
SCALE 1:12000

1/2 0 1/2 MILE

0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 METERS

MINE OPENINGS

SWATARA CREEK WATERSHED		JOB NO: 6965
ANTHRACITE RESEARCH & DEVELOPMENT CO. INC. consulting engineers		DATE: JULY, 197
POTTSVILLE PENNSYLVANIA TAMAGUA		SCALE: 1:12000
DRAWING NO:		APPROVED:
P-4		



Alt. 1260
WESTWOOD POOL
 253 million gals.

Alt. 1171
NEW LINCOLN POOL
 926.88 ac.

Alt. 960
LINCOLN POOL
 973.90 acres

RAUSCH'S CREEK EAST FRANKLIN POOL
 850 million gals.

LEGEND

- Hard Surface, heavy-duty road - 2 lanes
- Hard Surface, medium-duty road - 2 lanes
- Improved light-duty road
- Unimproved dirt road
- Railroad - single track
- Unimproved dirt trail
- Shaft and tunnel entrance
- Boundary - county
- Boundary - township
- Index contour
- Perennial stream
- Weir location
- Intermittent lake
- Breaker
- Deep well pump
- Spring
- Stripping
- Pollution source

LOCATION AND EXTENT OF UNDERGROUND MINE POOLS

SWATARA CREEK WATERSHED		JOB NO: 6565
ANTHRACITE RESEARCH & DEVELOPMENT CO. INC. consulting engineers		DATE: JULY, 1971
POTTSVILLE, PENNSYLVANIA		SCALE: 1"=2000'
TAMAGUA		DRAWING NO: P-5