

DESCRIPTION OF SAMPLE  
POINTS AND SOURCE AREAS

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### SAMPLE POINTS

The sample points and sample stations referred-to herein are the locations of the sixteen weirs in the watershed. A map and a description of the sampling stations is as follows:

Sample Station 1 is located on East Sandy Creek, downstream from its junction with Cogley Run.

Sample Station 2 is located on East Sandy Creek upstream from its junction with Cogley Run.

Sample Station 3 is located on Cogley Run at its mouth.

Sample Station 4 is located on an unnamed tributary 1.5 miles upstream from the mouth of Cogley Run.

Sample Station 5 is located on Cogley Run, 1.5 miles upstream from its mouth.

Sample Station 6 is located on an unnamed tributary 1.7 miles upstream from the mouth of Cogley Run.

Sample Station 7 is located on Cogley Run 1.9 miles upstream from its mouth.

Sample Station 8 is a discharge from an abandoned oil well 2 miles upstream from the mouth of Cogley Run.

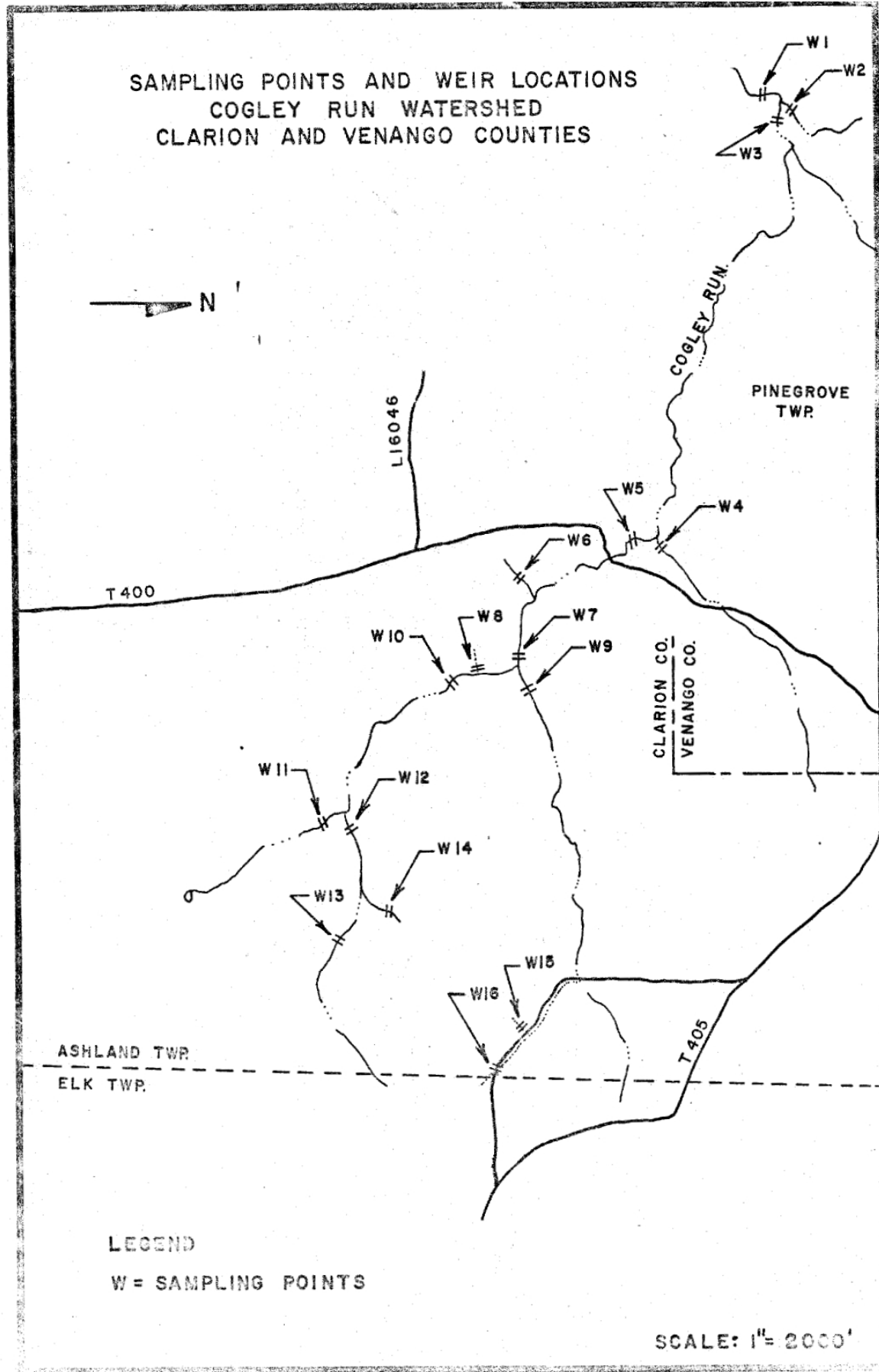
Sample Station 9 is located on Cogley Run 2.2 miles upstream from its mouth.

Sample Station 10 is located on an unnamed tributary 2.3 miles upstream from the mouth of Cogley Run.

Sample Station 11 is located on an unnamed tributary 2.6 miles upstream from the mouth of Cogley Run.

Sample Station 12 is located on an unnamed tributary 2.6 miles upstream from the mouth of Cogley Run.

SAMPLING POINTS AND WEIR LOCATIONS  
COGLEY RUN WATERSHED  
CLARION AND VENANGO COUNTIES



LEGEND

W = SAMPLING POINTS

SCALE: 1" = 2000'

Sample Station 13 is a spring 3.2 miles upstream from the mouth of Cogley Run.

Sample Station 14 is a discharge from an abandoned deep mine 3.2 miles upstream from the mouth of Cogley Run.

Sample Station 15 is a discharge from an abandoned deep mine 3.6 miles upstream from the mouth of Cogley Run.

Sample Station 16 is a discharge from an abandoned deep mine 3.5 miles upstream from the mouth of Cogley Run.

## SOURCE AREAS

The source areas referred to in this report are areas of land responsible for the pollution and degradation of Cogley Run. They are shown on the source area map and described as follows:

Source Area 1 is a combination of abandoned strip and three deep mine openings located primarily west of Township Road T650 and contributes approximately 1,230 pounds of acid per day to Cogley Run. The total acreage of this source area is approximately 94 acres of which only half need be reclaimed.

Source Area 2 is comprised of 11.5 acres of abandoned strip mines and one deep mine opening located north of the junction of Township Roads T402 and T650. The deep mine discharge contributes 35 pounds of acid per day to Cogley Run.

Source Area 3 is an abandoned oil well located 2 miles upstream from the mouth of Cogley Run. The abandoned oil well discharges approximately 1,145 pounds of acid per day to Cogley Run.

Source Area 4 is a six acre abandoned strip mine containing one abandoned deep mine opening located west of Township Road T400. This area contributes approximately 400 pounds of acid per day to Cogley Run. This acid load is inferred.

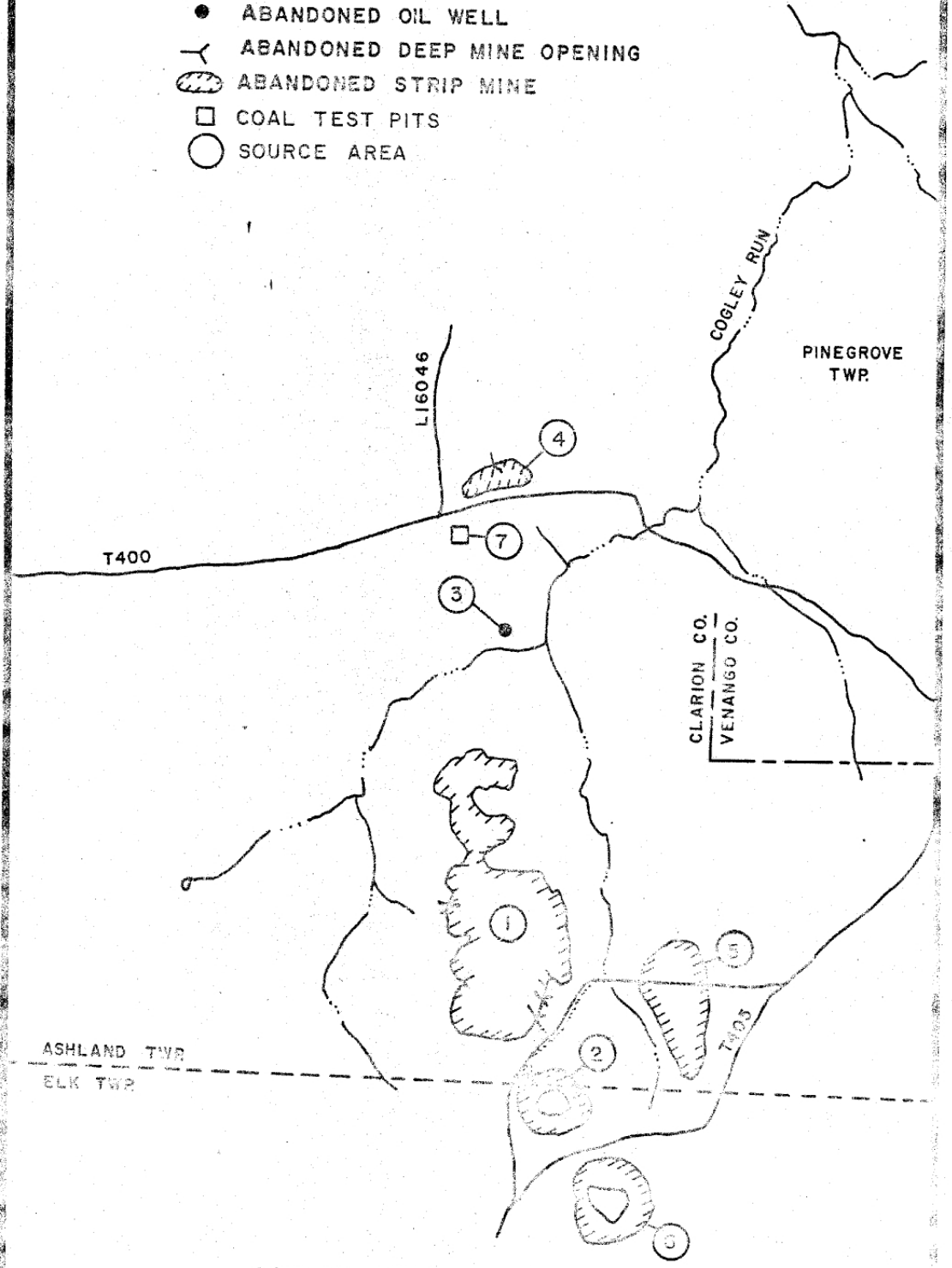
Source Area 5 is a 23 acre abandoned strip mine located north of area 1 on both sides of Township Road T650. This source area combined with Source Areas 2 and 6 contributes 3,518 pounds of acid per day to Cogley Run.

Source Area 6 is a 13.6 acre abandoned strip mine located east of Township Road T404. This source area combined with areas 2 and 5 contributes 3,518 pounds of acid per day.

Source Area 7 is a group of coal test pits which apparently were excavated to determine the location and quality of the coal seam. They comprise about ½ acre and contribute an inferred acid load of approximately 433 pounds per day to Cogley Run.

LEGEND

- ABANDONED OIL WELL
- Y ABANDONED DEEP MINE OPENING
- ▨ ABANDONED STRIP MINE
- COAL TEST PITS
- SOURCE AREA



SOURCE AREA MAP  
COGLEY RUN WATERSHED  
CLARION AND VENANGO COUNTIES

SCALE: 1" = 2000'