



## Snafu Lake (gazetted) 2018

### Lake Information

<b>WATERSHED</b>	<b>LAKE CLASS</b>
Yukon Headwaters	B
<b>SURFACE AREA</b>	<b>ELEVATION</b>
475 ha	878 m
<b>MAXIMUM DEPTH</b>	<b>AVERAGE DEPTH</b>
35 m	14.7 m
<b>SURFACE TEMP</b>	<b>REGULATIONS</b>
14 - 17°C	General Waters
<b>SAMPLING DATES</b>	<b>NET SETS</b>
July 06 – 11	47

#### Location

Gazetted Snafu is located in the Southern Lakes region and is within the Traditional Territories of the Teslin Tlingit Council and the Carcross/Tagish First Nation.

#### Access and Use

Gazetted Snafu is difficult to access and receives little to no recreational angling pressure.

### Overall Status

#### Lake Trout

The results from this survey suggest that the lake trout population is healthy, although the population is not large. The lake trout population is likely healthy due to the inaccessibility of this lake.

#### Lake Whitefish

The population of lake whitefish within Gazetted Snafu Lake consists of a large number of smaller whitefish. This population is currently healthy.

#### Recommendation

No change in current regulation. Due to the inaccessibility of this lake, this lake is a good candidate lake to be used as a control when studying lakes such as Snafu Lake and Tarfu Lake.

## Lake Trout

### Overview

There were 48 lake trout sampled during the survey.

### Population Estimate and Density

The lake trout population estimate was 1,560 (estimate range: 781 – 2364). The estimated density of lake trout is 3.3 per hectare.

### Length and Weight

Sampled lake trout ranged from 400 mm to 815 mm in length (as measured to the fork).

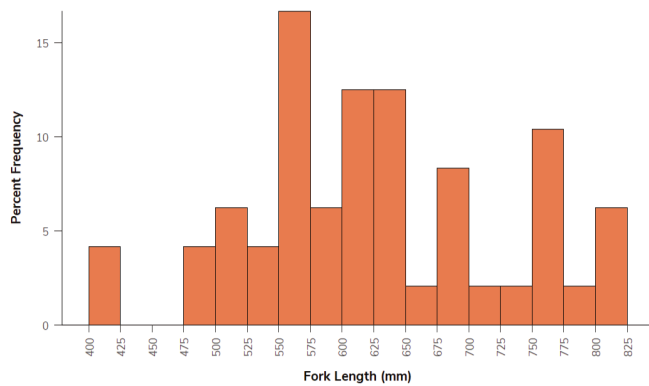


Figure 1. Length frequency distribution of lake trout sampled in Snafu Lake (2019), n = 48.

### Age and Growth

Seventeen were sampled for age. Ages ranged from 7 to 28 years.

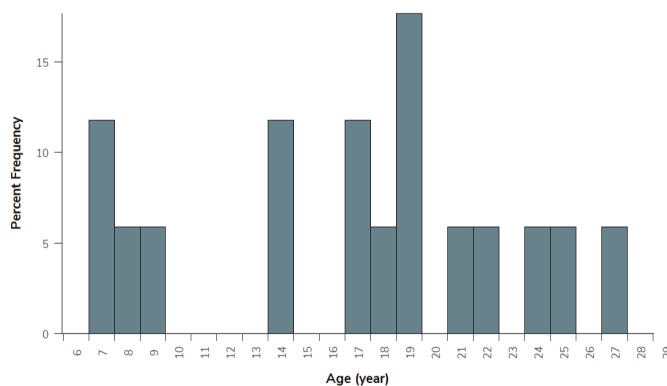


Figure 2. Age frequency distribution of age-analyzed lake trout in Snafu Lake (2018), n = 17.

## Lake Whitefish

### Overview

There were 262 lake whitefish captured during the survey, ranging from 200 mm to 474 mm in length (as measured to the fork). Fifty-three were sampled for age. Ages ranged from 3 to 37 years.

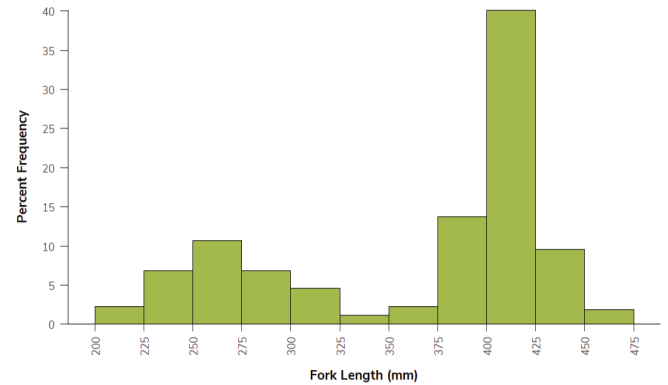


Figure 3. Length frequency distribution of lake whitefish sampled in Snafu Lake (2018), n = 262.

## Temperature and Dissolved Oxygen

The temperature at the lake surface was close to 15°C, declining slowly over 8 m, with a thermocline noted between 6 m and 10 m. An oxygen profile was not conducted due to equipment malfunction.

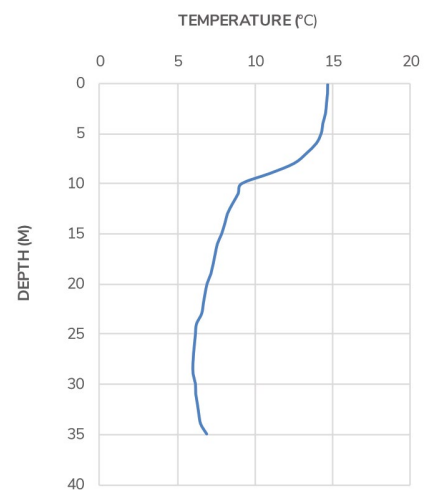


Figure 4. Temperature (C) as measured in the South and North basins of Snafu Lake on July 8, 2018.

### Suggested citation:

Government of Yukon. 2024. Lake Trout and Lake Whitefish Monitoring Program: Snafu Lake (gazetted) 2018. Government of Yukon, Whitehorse, Yukon, Canada.