

LAKE SURVEY DATA

SURVEYED BY: J.A.B., & D.G.B.

DATE SURVEYED: August 3, 1958.

NAME: SEYMOUR LAKE.

MAP REF. CODE NO. 93L/11E

DATA ON FILE:

Physical Data \_\_\_\_\_

Geography \_\_\_\_\_

Chemical  \_\_\_\_\_

Flora \_\_\_\_\_

Invertebrates  \_\_\_\_\_

Temperature Series \_\_\_\_\_

Obstructions & Pollutions \_\_\_\_\_

Stocking  \_\_\_\_\_

General Information \_\_\_\_\_

Miscellaneous \_\_\_\_\_

Fish Samples \_\_\_\_\_

Stomach Analysis \_\_\_\_\_

Scale Reading \_\_\_\_\_

Resort & Campsite \_\_\_\_\_

Habitation \_\_\_\_\_

Access \_\_\_\_\_

Oxygen \_\_\_\_\_

Photography \_\_\_\_\_

Rehabilitation \_\_\_\_\_

Year \_\_\_\_\_

LOCATION: 3 miles south of Smithers.

Latitude, Longitude 54° 43' ; 127° 10'

Drainage System Bulkley River

Elevation Approx. 1900'

PHYSICAL DATA:

Surface Area \_\_\_\_\_

Shoreline Development \_\_\_\_\_

Maximum Depth \_\_\_\_\_

Total Dissolved Solids 71 PPM.

Volume \_\_\_\_\_

Shoreline Perimeter \_\_\_\_\_

Mean Depth \_\_\_\_\_

Secchi's Disc \_\_\_\_\_

GEOGRAPHY:

Local Geography:

Lake Drainage:

SEYMOUR LAKE

FLORA AND INVERTEBRATE FAUNA

MACROFLORA

PLANKTON

Date, station	T.V. 10	T.V. 20	<del>S.T. 10</del> T.V. 3	S.T. 20
August 3, 1958.	1.3 ml.	1.2 ml.	1.2 ml.	

BOTTOM FAUNA

Date	Depth	Substrata	Organisms

LAKE SURVEY DATA

NAME SHY HOUR LAKE  
LOCATION # 3 miles S. of Smithers  
Latitude, longitude 54° 43'; 127° 10'  
Drainage system Bulkley River  
Elevation Approx. 1900'

DATA ON FILE

Surveyed	Morphometry <input checked="" type="checkbox"/>	Obstructions & pollution
<u>J.A.B.&amp;D.G.B.</u>	Physical & chemical <input checked="" type="checkbox"/>	Stocking <u>Yes</u>
<u>Aug. 3, 1958</u>	Flora & invertebrates ...	Photographs <u>Nil</u>
	Fish samples ...	Resorts <u>Nil</u>
	Access <u>Good</u>	Habitation <u>Light</u>

MORPHOMETRY

Surface area .....  
Shoreline development .....  
Maximum depth .....  
Local geography  
  
Drainage

SEYMOUR LAKE

PHYSICAL AND CHEMICAL DATA

TEMPERATURE

Series taken .....  
.....  
.....

LIGHT PENETRATION

.....  
.....  
.....

OXYGEN

Series taken .....  
.....  
.....

DISSOLVED SOLIDS

Date            Total D.S.            Ca            Others

Date	Total D.S.	Ca	Others
August 3, 1958	71 P.P.M.		Spec. Cond. .7464 @ 23.5°C

## SEYMOUR LAKE

## FLORA AND INVERTEBRATE FAUNA

## MACROFLORA

## PLANKTON

Date, station	T.V. 1 <del>0</del>	T.V. 2 <del>0</del>	<del>S.T. 10</del>	S.T. 20
August 3, 1958.	1.3 ml.	1.2 ml.	1.2 ml.	

## BOTTOM FAUNA

Date	Depth	Substrate	Organisms

OXYGEN RECORD SHEET

Lake... SEYMOUR ..... Locality... SMITHERS ..... Station... #1 .....  
 Date... 14 AUGUST, 1967 ..... Time... 7.30 AFTERNOON ..... Recorder... R.W. Sevedick .....  
 Cloud cover in 1/10's... — ..... Wind Veloc... ..mph Direction... .. 65° .....  
 Secchi Disc... .. 13 Ft. <sup>11:00 AUG 15</sup> No. Cloud covers Surface Condition... .. Slight rattle Air Temp... .. 81 F .....  
 Instrument Used..... "f" Factor.....  
 Remarks.....

Depth	Bot. No.	Ml. of Na <sub>2</sub> HSO <sub>4</sub>	O <sub>2</sub> in p.p.m.	Depth	Bot. No.	Ml. of Na <sub>2</sub> HSO <sub>4</sub>	O <sub>2</sub> in p.p.m.	Depth	Bot. No.	Ml. of Na <sub>2</sub> HSO <sub>4</sub>	O <sub>2</sub> in p.p.m.
Surf.	<del>68</del>		9	34				67			
1	69			35				68			
2	69			36				69			
3	68			37				70			
4	68			38				71			
5	68			39				72			
6	67			40				73			
7	67			41				74			
8	67			42				75			
9	66			43				76			
10	66			44				77			
11	65			45				78			
12	64			46				79			
13	64			47				80			
14	63			48				81			
✓ 15	60			49				82			
16	57		3	50				83			
17	54			51				84			
18	53			52				85			
19	51			53				86			
20	51			54				87			
21	51			55				88			
22	50			56				89			
23	49			57				90			
24	49		1-1.5	58				91			
25				59				92			
26				60				93			
27				61				94			
28				62				95			
29				63				96			
30				64				97			
31				65				98			
32				66				99			
33								100			