

~~231/11 460-3738-332 (#01)~~

LAKE SURVEY DATA

SURVEYED BY: J.A.B., & D.G.B. DATE SURVEYED: August 3, 1958.

NAME: SEYMOUR LAKE. MAP REF. CODE NO. _____

DATA ON FILE:

Physical Data	_____	Fish Samples	_____
Geography	_____	Stomach Analysis	_____
Chemical	✓	Scale Reading	_____
Flora	_____	Resort & Campsite	_____
Invertebrates	✓	Habitation	_____
Temperature Series	_____	Access	_____
Obstructions & Pollutions	_____	Oxygen	_____
Stocking	✓	Photography	_____
General Information	_____	Rehabilitation	_____ Year _____
Miscellaneous	_____		

LOCATION: 3 miles south of Smithers.

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

Drainage System Bulkley River

Elevation Approx. 1900'

PHYSICAL DATA:

Surface Area	_____	Volume	_____
Shoreline Development	_____	Shoreline Perimeter	_____
Maximum Depth	_____	Mean Depth	_____
Total Desolved Solids	<u>71 PPM.</u>	Secchi's Disc	_____

GEOGRAPHY:

Local Geography:

Lake Drainage:

Seymour Lake
GENERAL INFORMATION

ACCESS:

1.5 miles south of Smithers on Railway Street.

RESORTS AND CAMPSITES:

Boat launches and public wharves only available.

OTHER HABITATIONS:

Numerous private homes.

OBSTRUCTIONS AND POLLUTIONS:

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GENERAL DESCRIPTION:

Approximately one mile by 200 yards. Periphery of lake heavily vegetated with dense growths of lilies. Adjacent shoreline and land is quite gravelly and rocky; vegetation mostly deciduous - willow, poplar.

LAKE SURVEY DATA

SURVEYED BY: M.R. Whately & G.W. Nielson DATE SURVEYED: August 20, 1968

NAME: Seymour Lake MAP REF. CODE NO. 93 L 14 E

DATA ON FILE:

Physical Data	<u>x</u>	Fish Samples	<u>x</u>
Geography	<u>x</u>	Stomach Analysis	<u> </u>
Chemical	<u>x</u>	Scale Reading	<u> </u>
Flora	<u>x</u>	Resort & Campsite	<u>x</u>
Invertebrates	<u>x</u>	Habitation	<u>x</u>
Temperature Series	<u>x</u>	Access	<u>x</u>
Obstructions & Pollutions	<u> </u>	Oxygen	<u>x</u>
Stocking	<u>x</u>	Photography	<u>x</u>
General Information	<u>x</u>	Rehabilitation	<u> </u>
Miscellaneous	<u>x</u>	Bench Mark	<u>x</u>

Year

LOCATION:

Latitude, Longitude 54° 45'; 127° 10'

Drainage, System Bulkley River - Skeena

Elevation 1625'

PHYSICAL DATA:

Surface Area	<u>221.4 acres</u>	Volume	<u>4151 acre feet</u>
Shoreline Development	<u> </u>	Shoreline Perimeter	<u>13,500 ft.</u>
Maximum Depth	<u>30 ft.</u>	Mean Depth	<u>18.7 ft.</u>
Total Dissolved Solids	<u>0'-56 ppm</u>	Secchi's Disc	<u>8'</u>
	<u>20'-70 ppm</u>		

GEOGRAPHY:

Local Geography:

High hills on west side, fairly flat otherwise (Bulkley Valley). Spruce forests on hills; area otherwise highly developed.

Lake Drainage:

Inlet - seasonal.

Outlet - SE side of lake, flows to Bulkley River.

SEYMOUR LAKE

FLORA AND INVERTEBRATE FAUNA

MACROFLORA

Nuphar, Potamogeton

PLANKTON

Date, station	T.V. 10	T.V. 20	T. V. 3 S.T. 10	S.T. 20
Aug. 20/68	.5 c.c.	.4 c.c.	.8 c.c.	

BOTTOM FAUNA

Date	Depth	Substrata	Organisms
Aug. 20/68	6'	gravel	Gammarus*, Clams
	4'	gravel	Gammarus
	17'	mud	-
	23'	mud	Tubifex
			* numerous

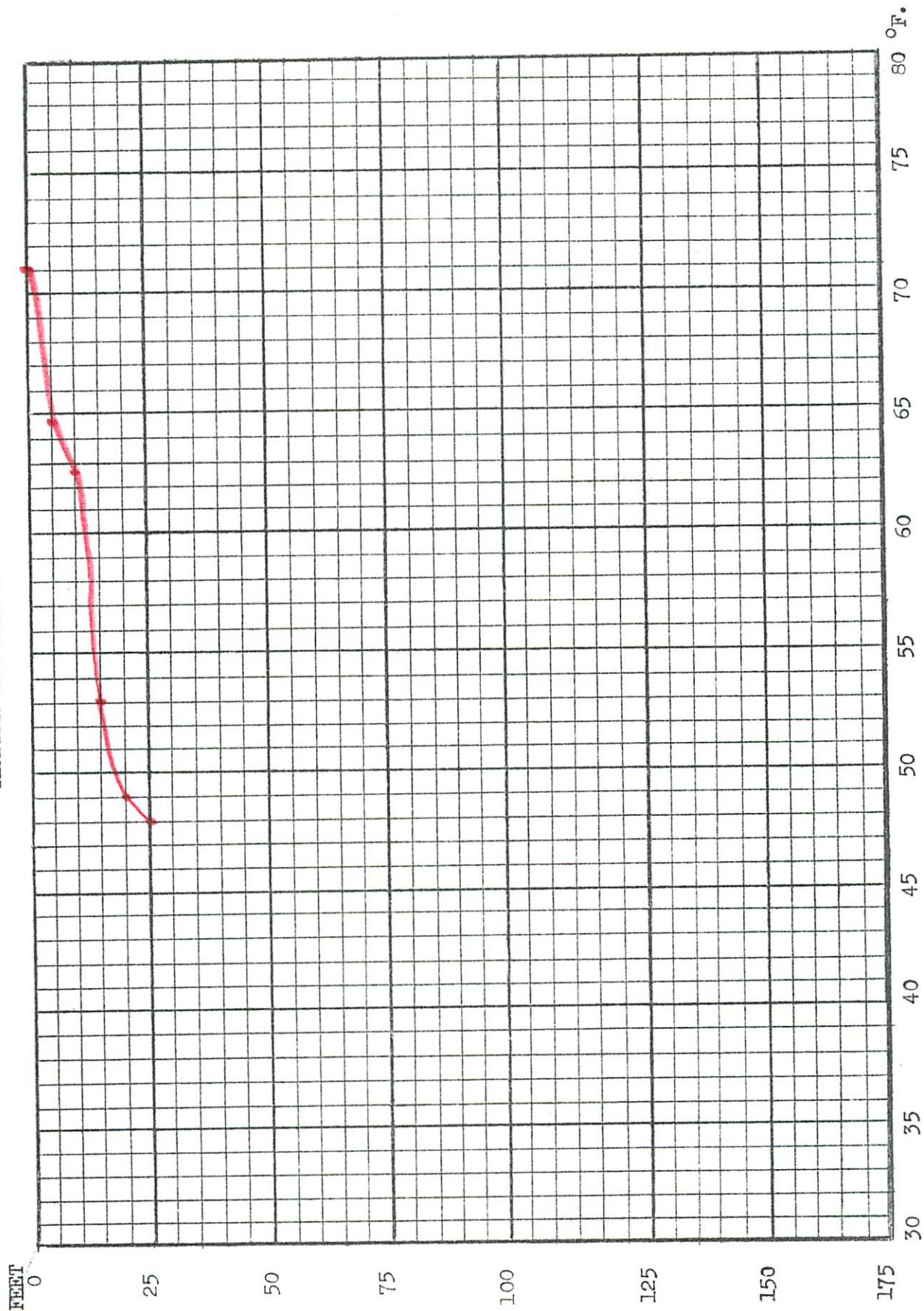
FLORA AND INVERTEBRATE FAUNA

PLANKTON

BOTTOM FAUNA

Date	Depth	Substrata	Organisms

TEMPERATURE SERIES



SEYMOUR

CHECKING LIST OF SPECIES

LAKE *Key moor*TROUT, CHAR

Lake Trout Savlelinus namaycush
 Dolly Varden S. alpinus
 Brook Trout S. fontinalis
 Brown Trout Salmo trutta
 Cutthroat S. clarki
 Steelhead S. gairdneri

WHITEFISH

Round Prosopium cylindraceum
 Mountain P. williamsoni
 Pygmy P. coulteri
 Lake Coregonus clupeaformis
 Broad C. nasus
 Least Cisco C. sardinella
 Inconnu Stenodus leucichthys nelma

GRAYLING

Arctic Thymallus arcticus

SUCKERS

Coarse Scale Catostomus macrocheilus
 White C. commersonni
 Longnose C. catostomus
 Bridgelip C. columbianus
 Northern Mountain Pantosteus jordani

MINNOW

Carp Cyprinus carpio
 Goldfish Carassius auratus
 Tench Tinca tinca
 Redside Shiner Richardsonius balteatus
 Squawfish Ptychocheilus oregonense
 Northern Pearl Dace Margariscus margarita nachtriebi
 Peamouth Chub Mylocheilus caurinum
 Northern Redbelly Dace Chrosomus eos
 Finescale Dace Pfrille neogoea
 Chiselmouth Acrocheilus alutaceum
 Flathead Chub Platygobio gracilis
 Lake Chub Couesius plumbeus
 Speckled Rhinichthys osculus
 Leopard Dace R. falcatus
 Longnose Dace R. cataractoe
 Brassy Minnow Hybognathus hankinsoni

SCULPINS

Prickly Cottus asper
 Aleutian C. aleuticus
 Spoonhead C. ricei
 Torrent C. rhotheus
 Slimy C. cognatus
 Columbia C. hubbsi

BASS

Smallmouth Micropterus dolomieu
 Largemouth M. salmoides
 Pumpkinseed Lepomis gibbosus
 Black Crappie Pomoxis nigromaculatus

SPECIMENS

SCALES

STOMACHS

RECORD ONLY