

THE CONSOLIDATED MINING AND SMELTING COMPANY OF CANADA LIMITED

CABLE ADDRESS
"COMINCO"

June 11, 1951

JUN 14 1951

Dr. Kingsley Kay,
Chief Industrial Health Laboratories,
Dept. of National Health and Welfare,
200 Kent St.,
Ottawa, Ont.

Dear Dr. Kay:

Herewith, June 1st results on Con and Yellowknife domestic waters.

Con	.025 mgs As/L ✓
Yellowknife	.04 mgs As/L ✓

My prediction that we would experience a slight rise in Arsenic content following the rainstorms, May 23 to 27 has not been borne out, rather, these figures indicate that the water is continuing on the downward grade.

Lake waters have been behaving in a most erratic fashion and I have held off reporting them until I had some assurance that the trouble was not in the determination. I am now satisfied on this point and believe the erratic figures are due to a peculiarity of the run-off.

<u>Kam Lake, North End</u>		<u>Kam Lake, West Side, Near Grace</u>	
<u>Date</u>	<u>Mgs As/L</u>	<u>Date</u>	<u>Mgs As/L</u>
May 4, 1951	.05 ✓	May 4, 1951	.10 ✓
May 18, 1951	.7 ✓	May 18, 1951	.225 ✓
June 1, 1951	1.4 ✓	June 1, 1951	1.4 ✓

Dr. Kingsley Kay

- 2 -

June 11, 1951

Pud Lake

<u>Date</u>	<u>Mgs As/L</u>
May 4, 1951	19.70 ✓
May 18, 1951	12.7 ✓
June 1, 1951	17.35 ✓

Rat Lake

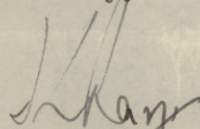
<u>Date</u>	<u>Mgs As/L</u>
May 4, 1951	.10 ✓
May 18, 1951	1.4 ✓
June 1, 1951	1.2 ✓

Frame Lake

<u>Date</u>	<u>Mgs As/L</u>
May 18, 1951	.175 ✓
June 1, 1951	.30 ✓

With your approval we would like to cut back the frequency of miscellaneous Lake sampling to once per month. Please advise.

Yours truly,



Kurt Raht

KR:js

cc: W.G. Jewitt
H.C. Giegerich
G.E.B. Sinclair
Dr. O.L. Stanton
File