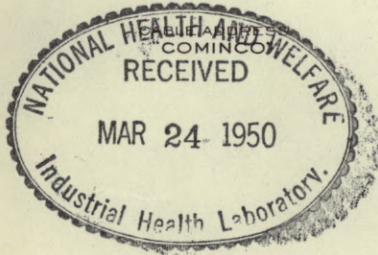


THE CONSOLIDATED MINING AND SMELTING COMPANY OF CANADA LIMITED



Sullivan Concentrator,
Chapman Camp, B. C.,
March 21, 1950.

Dr. K. Kay,
Chief, Industrial Health Laboratories,
Department National Health and Welfare,
Ottawa, Ontario.

Dear Dr. Kay:

I have received the following analysis from our Supervisor at the Con Property. These analysis were all done at the Con Laboratory and are on samples which were taken prior to our Ottawa conference.

Rad Lake (Second Narrows)	Nov. 28, 1949	12.1 mgs As/L
Rad Lake (Second Narrows)	Dec. 6, 1949	17.5 mgs As/L
Rad Lake (Second Narrows)	Feb. 5, 1950	27.3 mgs As/L
Rad Lake (Second Narrows)	Feb. 13, 1950	28.8 mgs As/L
Rad Lake (Second Narrows)	Feb. 20, 1950)	
Dirty sample taken)		40.0 mgs As/L
close to Muskeg)		
Bottom)		
Kam Lake (West Sample)	Dec. 6, 1949	Less than 1 mgs As/L
Kam Lake (East Sample)	Dec. 6, 1949	Less than 1 mgs As/L
Kam Lake (East Sample)	Feb. 5, 1950	Less than 1 mgs As
Rat Lake	Feb. 15, 1950)	
Dirty sample; not much)		
water under ice where)		3 mgs. As/L
sampld)		
Rat Lake	Feb. 15, 1950)	
Ice; 1 ft. below surface)		Less than 1 mg As/L
Tap Water (Con)	Dec. 6, 1949	Less than 1 mg As/L
Tap Water (Con)	Feb. 15, 1950	Less than .01 mg As/L

(NOTE: Tap Water has been used for blanks on Gutzeit tests frequently and has never shown any definite trace.)

Dr. Chavren: This is to advise us that the pollution of Rad Lake is proceeding apace like the rest of the area. This is the direct result of refusing to accept our advice and exactly what we predicted. The human deaths will come a little later, on - Kic.

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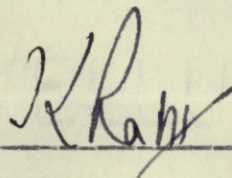
CABLE ADDRESS
"COMINCO"

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Duncan Lake	Feb. 15, 1950	Less than .01 mg As/L
<u>Snow Samples</u>		
Airport, Top Third	Jan. 12, 1950	0.2 Mgs As/Sq. Ft. ✓
Airport, Middle Third	Jan. 12, 1950	1.5 Mgs As/Sq. Ft. ✓
Airport, Bottom Third	Jan. 12, 1950	1.5 Mgs As/Sq. Ft. ✓
Airport, Total	Jan. 12, 1950	3.2 Mgs As/Sq. Ft. ✓
Approx. 3/4 mile west of Con		4.0 Mgs As/Sq. Ft. ✓
Near Town Arena		2.4 Mgs As/Sq. Ft. ✓
Approx. 1/4 mile east of Con		14.8 Mgs As/Sq. Ft. ✓
Approx. 3/4 mile east of Con		13.4 Mgs As/Sq. Ft. ✓

Arrangements have been made to establish the sampling regime as discussed at our Ottawa meeting in February. I have asked our representative in the area to send samples to me as soon as it is practical to do so and as soon as winter difficulties are over we will go on to fortnightly sampling as agreed.

Yours truly,



K. Raht:lt

cc.

WGJ ewett
HCGray - Their future collecⁿ - expect.
CWhite - Supervisor at Conn Property.
OLStanton
RAG, Deputy Commissioner N.W.T.
File