



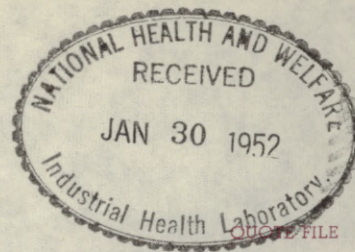
CANADA

DEPARTMENT

OF

MINES AND TECHNICAL SURVEYS

MINES BRANCH



Division of  
Mineral Dressing  
and  
Process Metallurgy

552 Booth Street,  
Ottawa, Ontario.  
January 29, 1952

Dr. K. Kay, Chief,  
Industrial Health Laboratory,  
200 Kent Street,  
Ottawa, Ontario.

Dear Dr. Kay:

Enclosed are our results for Arsenic obtained in the samples of melted snow from the Yellowknife Area which we received here in the early part of December.

Waiting for necessary chemicals which we had ordered from the Chemical supply houses has caused the long delay in providing you with this report.

Eleven of the snow samples listed in your project have not been received here and we have been wondering whether they were lost in transit. Would it be possible to obtain substitute samples to replace them.

We are now doing the vegetation samples and should have the values on these within a week or two.

Yours very truly,

*J.A. Fournier*

TEL 4606

J.A. Fournier,  
Chief Chemist,  
for R.J. Traill,  
Chief of Division.

Mr. Windish:

Will you please look into this  
matter without delay

Enclos.

Cancelled  
Samples.

(K.)

4/2.



Bureau of Mines  
Division of  
Mineral Dressing  
and  
Process Metallurgy

CANADIAN  
DEPARTMENT  
OF  
MINES AND RESOURCES  
MINES, FORESTS AND SCIENTIFIC  
SERVICES BRANCH

Chemical  
Laboratory

OTTAWA... January 29, 1952 .....

Sample ..... SNOW SAMPLES .....

Received from..... Dr. K. Kay, Chief, .....

Address..... Industrial Health Laboratory, .....

..... 200 Kent Street, Ottawa, Ontario. ....

Lab. Nos.	Product	o'f snow sampled	Volume ccs	Arsenic p.p.m.	mgms "As" per sq. ft. of snow.
398	Sample No. 26	2	2850	2.5	3.6 ✓
399	" " 27	3	800	3.0	0.8 ✓
400	" " 28	1	1830	19.6	35.8 ✓
401	" " 29	2	3000	1.9	2.9 ✓
402	" " 30	2	2950	0.9	1.3 ✓
403	" " 32	1	3300	5.1	17. ✓
404	" " 33	1	1700	1.7	2.9 ✓
405	" " 36	2	3000	7.9	11.8 ✓
406	" " 37	2	4300	15.5	33.4 ✓
407	" " 38	2	4000	10.9	21.8 ✓
408	" " 39	21	2620	3.7	9.7 ✓
409	" " 40	2	2500	4.2	5.3 ✓
410	" " 44	2	2820	5.0	7.0 ✓
411	" " 46	2	2400	5.3	6.4 ✓
412	" " 47	3	2670	4.7	4.2 ✓
413	" " 48	3	4850	2.6	4.2 ✓
414	" " 49	3	3580	3.3	3.9 ✓
415	" " 52	3	3420	2.0	2.3 ✓
416	" " 93(?)	2	2350	17.6	20.7 ✓

Snow samples missing -  
31, 34, 35, 41, 42, 43,  
45, 50, 51, 53, 54.

Signed *J. L. Drouin*  
Chief Chemist.