



CANADA

DEPARTMENT

OF

MINES AND TECHNICAL SURVEYS

MINES BRANCH

QUOTE FILE

Division of
Mineral Dressing
and
Process Metallurgy

552 Booth Street,
Ottawa, Ontario.
December 22, 1952.

Mr. J. L. Monkman,
Department of Health and Welfare,
200 Kent Street,
Ottawa, Ontario.

Dear Sir:

Enclosed is our report of analysis for
arsenic made on Nineteen samples of melted snow
collected at Yellowknife by Mr. Windish and received here on
December 15.

The vegetation samples will be completed within
the next two weeks.

Yours very truly,

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

Enclos.

Department of Mines
Division of
Mineral Dressing
and
Process Metallurgy

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

Chemical
Laboratory

OTTAWA December 20, 1952.

Sample SNOW

Received from Department of Health and Welfare

Address Ex. 200 Kent Street, Ottawa, Ont.

..... Mr. J. L. Monkman

Date sampled	Lab. No.	Product	Sq. ft. of snow sampled	Arsenic p.p.m.	Volume of samples in c.c.s.	"As" per sq. ft.
4 Dec ✓	6440	Sample No. 27	3	0.36	3000	0.36
8 Dec ✓	6441	" 28	2	0.47	2600	0.61
9 " ✓	6442	" 29	1	0.28	3000	0.84
4 " ✓	6443	" 30	1	0.04	2900	0.12
5 " ✓	6444	" 32	1	0.15	2100	0.31
8 " ✓	6445	" 33	1	0.12	Approx 2000	0.24
9 " ✓	6446	" 36	1	0.20	1700	0.34
9 " ✓	6447	" 37	1	0.21	2200	0.46
4 " ✓	6448	" 38	3	0.49	Approx. 7000	1.14
9 " ✓	6449	" 39	1	0.28	2000	0.56
4 " ✓	6450	" 40	2	0.20	4500	0.45
5 " ✓	6451	" 44	1	0.16	3000	0.48
10 " ✓	6452	" 45	2	0.11	2000	0.11
10 " ✓	6453	" 46	1	0.13	3200	0.42
11 " ✓	6454	" 47	1	0.13	2000	0.26
9 " ✓	6455	" 48	1	0.14	2700	0.38
10 " ✓	6456	" 49	1	0.11	3000	0.33
10 " ✓	6457	" 52	1	0.11	3000	0.33
9 " ✓	6458	" 93	2	0.29	2500	0.36

Signed *J. H. Jamieson*
Chief Chemist.