



CANADA

DEPARTMENT

OF

MINES AND TECHNICAL SURVEYS

MINES BRANCH

QUOTE FILE

Division of
Mineral Dressing
and
Process Metallurgy

552 Booth Street,
Ottawa, Ontario.
March 28, 1952.

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

Dear Dr. Kay:

Enclosed are our results for "arsenic",
obtained on samples of vegetation which we received
from the Yellowknife Area.

These results are all expressed as per-
centages rather than parts per million as they were
so high.

Yours very truly,

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

JP. Windish

Enclos.

Jack does this not complete
The analyses from last fall?

(K)



~~BUREAU OF MINES~~ Branch
~~DIVISION OF METALLIC MINERALS~~

~~MINERAL DRESSING AND~~
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~~MINES AND GEOLOGY BRANCH~~

MINES AND TECHNICAL SURVEYS

Ottawa, March 28, 1952.

Sample of.....VEGETATION SAMPLES.....

Description.....

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

Address.....Industrial Health Laboratory,.....
200 Kent Street, Ottawa.

<u>Lab. No.</u>	<u>Sample No.</u>	<u>Wt. of Sample</u>	<u>Arsenic</u> <u>per cent</u>
1519	55	52.7 grms.	0.17
1520	56	16.8 "	1.59
1521	57	63.2 "	0.22
1522	58	68.0 "	0.07
1523	59	62.8 "	0.15
1524	60	56.0 "	0.44
1525	61	33.9 "	0.02
1526	62	34.6 "	0.05
1527	63	42.1 "	0.04
1528	<u>64</u>	71.7 "	0.03
1529	65	59.0 "	0.02
1530	66	79.0 "	0.03
1531	67	35.0 "	0.03
1532	69	87.0 "	0.02
1533	70	76.0 "	0.02
1534	71	35.0 "	0.02
1535	72	45.0 "	0.02
1536	73	42.0 "	0.03

Signed.....

Chief Chemist

Countersigned.....



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MINES and TECHNICAL SURVEYS

Sheet No.2. Ottawa, March 28, 1952.

Sample of.....VEGETATION SAMPLES.....

Description.....

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

Address.....Industrial Health Laboratory
200 Kent Street, Ottawa.

<u>Lab. Nos.</u>	<u>Sample No.</u>	<u>Wt. of Sample</u>	<u>Arsenic per cent</u>
1537	74	26.0 grms.	0.07
1538	75	37.4 "	0.02
1539	77	60.3 "	0.01
1540	78 78	34.5 "	0.03
1541	80	55.0 "	0.001
1542	81	109.5 "	<u>0.01</u>
1543	82	74.7 "	0.01
1544	94	40.0 "	0.03
1545	96	42.0 "	0.04

Sample No.68 & 76 missing.

*Samples #68 & 69 were taken as a combined sample
- J.P.W.*

Signed *J.A. Tomlinson*
Chief Chemist.

Countersigned.....