



CANADA

DEPARTMENT

OF

MINES AND TECHNICAL SURVEYS

MINES BRANCH

QUOTE FILE

Division of
Mineral Dressing
and
Process Metallurgy

552 Booth Street,
Ottawa, Ontario.
September 12, 1952.

Dr. P.E. Braid,
Senior Chemist,
Dept. of National Health and Welfare,
Industrial Health Laboratory,
200 Kent Street,
Ottawa.

Dear Dr. Braid:

Enclosed is our report of analyses for
arsenic made on thirty samples of grass which were
collected in the Yellowknife N.W.T. and during the
month of July of this year.

Yours very truly,

J.A. Fournier,
Chief Chemist,
for A.K. Anderson,
Acting Chief of Division.

Enclos.



XXXXXX MINES Branch
DIVISION OF XXXXXXXXXX

CANADA
DEPARTMENT
OF

XXXXXXXXXX
XXXXXXXXXXXXXXXXXXXX

MINES AND TECHNICAL SURVEYS
XXXXXXXXXXXXXXXXXXXX

Mineral Dressing
and
Process Metallurgy

Ottawa, September 10, 1952

Sample of GRASS

Description

Received from Dr. K. Kay,

Address Department of Health and Welfare

Lab. No.	Product	Arsenic Parts/Million	Health & Welfare Number
4427	Baker Creek Upstream-July 11/52	12.0	55✓
4428	Veronika Lake "	19.3	56✓
4429	Yellowknife bay at cabine "12/52-	1.7	57✓
4430	Bow Lake "11/52-	5.75	58✓
4431	Adjacent to mill "12/52-	14.3	59✓
4432	Road to Giant near Stock Lake- July 11/52	1.7	60✓
4433	Lakeside N.W. 2 miles "	2.65	61✓
4434	Akaitcho "	4.0	62✓
4435	Toward Lynx "	3.4	63✓
4436	Ptarmigan Dock " 12/52	1.1	64✓
4437	Latham Island East Side July 8/52-	3.4	65✓
4438	" " West " -	1.15	66✓
4439	Jolliffe Island "12/52-	1.45	67✓
4440	Sand Lake at Townsite " 8/52-	2.3	68✓
4441	Townsite near Rink "13/52-	1.3	69✓
4442	Golf Course " -	2.6	70✓
4443	Shore oo.Mosher Island July 10/52-	0.8	71✓
4444	Rat Lake Shore spl. " -	1.15	72✓
4445	Pud Lake S.E. 2nd Narrows " 9/52-	1.2	73✓
4446	North End Kam Lake "10/52-	1.3	74✓
4446A	Frame Lake "10/52-	0.8	75✓
4447	Near shaft " -	2.6	76✓
4448	West side of Kam Lake at Grace -	1.15	77✓
4449	Negus grass -	6.4	78✓
4450	Rat Lake outlet- where it enters Yellowknife bay	0.45	80✓
4451	South end of Kam Lake road -	0.9	81✓
4452	Cemetary Road -	2.5	82✓
4453	Latham Island Finger on east side of Northern tip -	5.6	94✓
4454	Vicinity of B shaft -	13.0	96✓
4455	Rycon -	11.8	

Signed

J. A. Tammie
Chief Chemist

Countersigned

Sampling locations were changed at sampling time.
R. 919 # 68 was taken at location of # 75. Its result was reported as positive 75.
75 was taken at location of # 68.
75 (as taken) & # 69 are almost same location so results were averaged & reported for position # 68



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MINES AND GEOLOGY BRANCH

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Sample of GRASS

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Received from Dr. R. Ray,

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Lab. No.	Product	Arsenic Parts/million	Health & Welfare Number
4427	Baker Creek Upstream-July 11/52 -	12.0	55
4428	Veronika Lake "	19.3	56
4429	Yellowknife bay at cabine "12/52-	1.7	57
4430	Bow Lake "11/52-	5.75	58
4431	Adjacent to mill "12/52-	14.3	59
4432	Road to Giant near Stock Lake- July 11/52	1.7	60
4433	Lakeside W.W. 2 miles "	2.65	61
4434	Akaiicho "	4.0	62
4435	Toward Lynx "	3.4	63
4436	Ptarmigan Dock " 12/52	1.1	64
4437	Latham Island East Side July 8/52-	3.4	65
4438	" " West "	1.15	66
4439	Jolliffe Island "12/52-	1.45	67
4440	Sand Lake at Townsite " 8/52-	2.3	68
4441	Townsite near Rink "13/52-	1.3	69
4442	Golf Course " -	2.6	70
4443	Shore oc. Mosher Island July 10/52-	0.8	71
4444	Rat Lake Shore spl. " -	1.15	72
4445	Pud Lake S.S. 2nd Narrows " 9/52-	1.2	73
4446	North End Kam Lake "10/52-	1.3	74
4446A	Frano Lake "10/52-	0.8	75
4447	Near shaft " -	2.6	76
4448	West side of Kam Lake at Grace -	1.15	77
4449	Regus grass -	6.4	78
4450	Rat Lake outlet- where it enters Yellowknife bay	0.45	80
4451	South end of Kam Lake road -	0.9	81
4452	Cemetery Road -	2.5	82
4453	Latham Island Finger on east side of Northern tip -	5.6	94
4454	Vicinity of B shaft -	13.0	96
4455	Rycon -	11.8	

Signed

J. A. Touminier
Chief Chemist

Countersigned

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4431	Adjacent to mill "12/52-	14.3	59
4432	Road to Giant near Stock Lake- July 11/52	1.7	60
4433	Lakeside N.W. 2 miles "	2.65	61
4434	Akaiitcho "	4.0	62
4435	Toward Lynx "	3.4	63
4436	Flarnigan Dock " 12/52	1.1	64
4437	Latham Island East Side July 8/52-	3.4	65
4438	" " West "	1.15	66
4439	Jolliffe Island "12/52-	1.45	67
4440	Sand Lake at Townsite " 8/52-	2.3	68
4441	Townsite near Rink "13/52-	1.3	69
4442	Golf Course "	2.5	70
4443	Shore co. Mosher Island July 10/52-	0.8	71
4444	Rat Lake Shore spl. "	1.15	72
4445	Pud Lake S.W. 2nd Narrows " 9/52-	1.2	73
4446	North End Kam Lake "10/52-	1.3	74
4446A	Frame Lake "10/52-	0.8	75
4447	Near shaft "	2.6	76
4448	West side of Kam Lake at Grace -	1.15	77
4449	Negus grass -	6.4	78
4450	Rat Lake outlet- where it enters Yellowknife bay	0.45	80
4451	South end of Kam Lake road -	0.9	81
4452	Cemetery Road -	2.5	82
4453	Latham Island Finger on east side of Northern tip -	5.6	94
4454	Vicinity of B shaft -	13.0	96
4455	Rycon -	11.8	

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4430	Bow Lake "11/52-	5.75	58
4431	Adjacent to mill "12/52-	14.3	59
4432	Road to Giant near Stook Lake- July 11/52	1.7	60
4433	Lakeside H.V. 2 miles "	2.63	61
4434	Akaicho "	4.0	62
4435	Toward Lynx "	3.4	63
4436	Ptarmigan Brook " 12/52	1.1	64
4437	Latham Island East Side July 8/52-	3.4	65
4438	" " West "	1.15	66
4439	Jolliffe Island "12/52-	1.45	67
4440	Sand Lake at Townsite " 8/52-	2.3	68
4441	Townsite near Rink "12/52-	1.3	69
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4445	Pud Lake S.W. End Narrows " 9/52-	1.2	73
4446	North End Kam Lake "10/52-	1.3	74
4446A	Frame Lake "10/52-	0.8	75
4447	Near shaft " -	2.6	76
4448	West side of Kam Lake at Grass -	1.15	77
4449	Megus grass -	6.4	78
4450	Rat Lake outlet- where it enters Yellowknife bay	0.43	80
4451	South end of Kam Lake road -	0.9	81
4452	Cemetery Road -	2.5	82
4453	Latham Island Finger on east side of Northern tip -	5.6	94
4454	Vicinity of B shaft -	13.0	96
4455	Nycon -	11.9	

Signed

Chief Chemist

Countersigned