



CANADA

DEPARTMENT

OF

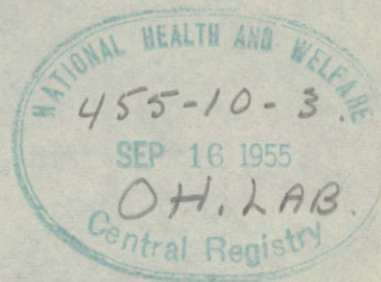
NORTHERN AFFAIRS AND NATIONAL RESOURCES



Yellowknife, N.W.T.
September 12th, 1955.



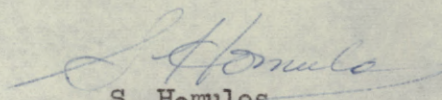
Dr. K.K. Kay,
Industrial Health Laboratories,
200 Kent St.,
Ottawa, Ont.



Dear Dr. Kay:

Attached hereto please find Aerial Arsenic
Samples from Giant Yellowknife Gold Mines for August
1955.

/ct


S. Homulos,
Mining Inspector.

GIANT YELLOWKNIFE GOLD MINES LIMITED

Aerial Arsenic Samples

Aug. 31, 1955

No.	MgAs per sq. ft.	Days' Exposure	MgAs per sq. ft. per day $\times 35 =$	lb. As/acre per year
1	.069	34	.002	0.070
2	.210	31	.007	0.245
3	.279	31	.009	0.315
4	.439	34	.014	0.490
5	.623	34	.018	0.630
6	.210	19	.011	0.385
7	.977	34	.029	1.015
8	.069	31	.002	0.070
9	.139	31	.004	0.140
10	.587	34	.017	0.595
11	.321	34	.007	0.315
12	.293	19	.019	0.665
13	.699	34	.020	0.700
14	.279	31	.009	0.315
15	2.488	34	.073	2.555
16	.795	34	.023	0.805

pounds per acre per year - average #1 - 0.57

Jul. 20 Aug. 22