



OFFICE OF THE  
DEPUTY COMMISSIONER

ADMINISTRATION  
OF THE  
NORTHWEST TERRITORIES  
CANADA

Copy for

Dr. K. C. Charron,  
Chief, Industrial Health Division  
Department of National Health and Welfare,  
Ottawa, Ont.

OTTAWA, 13th February,  
1950.

Dear Mr. Muir:-

In my letter to you of January 23rd, 1950, I informed you that Dr. K. C. Charron, Chief of the Industrial Health Division Department of National Health and Welfare, would advise Dr. Stanton concerning a continuing survey and regulations to control the existing health hazard from arsenic in the Yellowknife District.

A meeting was held in Dr. Charron's office on February 9th, 1950, with Dr. Stanton, officials from Consolidated Mining and Smelting Company, Department of National Health and Welfare and this Administration, in attendance. Plans were drawn up for responsibilities inaugurating a pattern of tests to be conducted by Con Mine, Giant Mine, local health and Departmental authorities. That portion assigned to the Giant Mine is as follows:-

1. Giant Yellowknife Gold Mines Ltd. will be asked to establish a control similar to the Con Mine. This includes a selection of at least eight points within a three mile radius of the roaster for testing arsenic content in grass or other vegetation. Water samples will also be taken within a one mile radius. Tests are to be carried out at least fortnightly in the beginning and intervals may be varied in the future depending on results. Assays of arsenic content are to be forwarded to the local health authority with copies to the Deputy Commissioner of the Northwest Territories and the Division of Industrial Health in Ottawa. Additional information may be requested from time to time.

Con Mine officials gave their assurance that they would assist you in every possible manner concerning their method established for this continuing survey.

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Mr. A. K. Muir,  
General Manager,  
Giant Yellowknife Gold Mines Ltd.,  
Yellowknife, N.W.T.



For your convenience I am attaching a map showing desirable locations for water tests within the one mile radius and am leaving the selection of points for grass and vegetation tests within the three mile radius to your discretion.

Regarding the selection of an area for disposal of arsenic from the Cottrells, we have reserved an area southwest of Long Lake from staking under the Quartz Mining Regulations. This area will be investigated by our Chief Mining Inspector as soon as the snow has melted and if a suitable area is found and approved by officials of the Department of National Health and Welfare, it will be set aside for disposal purposes.

I would appreciate your assurance that you will undertake the measures of responsibility in connection with the outlined continuing survey necessary to reduce the health hazard to a minimum to residents of the Yellowknife district.

Yours very truly,

Attach.

R. A. Gibson,  
Deputy Commissioner.