



Northwest

Territories Safety and Public Services December 15, 1995

Mr. J. Stard  
Manager  
Royal Oaks Mines Inc.  
Bag 3000  
YELLOWKNIFE NT X1A 3T1

Dear Mr. Stard:

This letter is in regards to results obtained from air monitoring conducted on November 23, 1995 near the #14 Arsenic Stope. The sampling procedures and criteria followed were those indicated by NIOSH. Laboratory analysis was also conducted to the NIOSH standard.

The results have now been received by this office from the laboratory.

There were three (3) sampling cassettes submitted to the laboratory for analysis. From these samples submitted, the following results were obtained.

Sample #1 0.00031 mg/m<sup>3</sup>

Sample #2 0.00023 mg/m<sup>3</sup>

Sample #3 0.00052 mg/m<sup>3</sup>

Sample #4 <0.07 (blank)

Detection limit (ug) 0.07

These results indicate that there are very low arsenic vapours in the area and any corresponding exposure an employee would encounter would be well below TLV guidelines. Attached is a map depicting the sampling locations (circled).

Please make this copies of this report available to the OH&S committee, Mr. R. Moore, the Union Safety Representative and others that require this information.



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If you should have further questions regarding this report, contact the Mine Safety Division.

Sincerely,



L. Stear  
Occupational Hygiene Specialist  
Mine Safety Division

Attachment

cc: D. Power Safety Department  
B. Nordahn Union Worker, Safety Representative  
OH&S Committee  
R. Moore Mine Captain

Arsenic Trioxide Testing  
@ Royal Oak Grant Mine  
Site, Yellowstone, MT.

3-0-11-95

Scale: 1" = 40'

Pump #4, Sample ID #DF-01 located  
at bulkhead.

Pump #6, Sample ID #DF-03 located  
at sump.

Pump #5, Sample ID #DF-02 located  
120' up drift.

June Fleming.

