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**To:** [Jerry Graham](#)  
**Cc:** [Bay, Hope](#); [Wade, Lowell](#); [Rykaart, Maritz](#); [Borowski, Lawrence](#)  
**Subject:** Hope Bay - Tail Lake Discharge Pipe  
**Date:** Monday, August 01, 2011 3:14:40 PM  
**Attachments:** [NorthDam\\_TailLake DischargePipe Figure 1CHG008.033 IM Rev01.pdf](#)  
[image003.jpg](#)

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Jerry,

Based on our observations and discussions with the Contractor, the pipeline constructed to discharge water from Tail Lake into Doris Creek is routed over the North Dam and along the Secondary Road. The yellow line on the attached figure shows the approximate alignment of the pipeline as understood by SRK.

SRK wishes to express its concerns regarding the possibility of a leak from the Victaulic pipe joints located within the dam footprint. An uncontrolled supply of water to the frozen core could induce localised thawing and degradation of the core material. Any degradation will have to be remediated before the raise of the core to its final elevation can resume this coming winter.

To ensure that any leaks are detected in a timely manner, continuous monitoring of the pipeline should be implemented during pumping. If a leak occurs, pumping shall be stopped immediately and the source of the leak eliminated before pumping can resume.

No excavation into the ROQ cover protecting the frozen core shall be made without the approval of the SRK Site Engineer.

Regards,

**Iozsef Miskolczi**

Consultant



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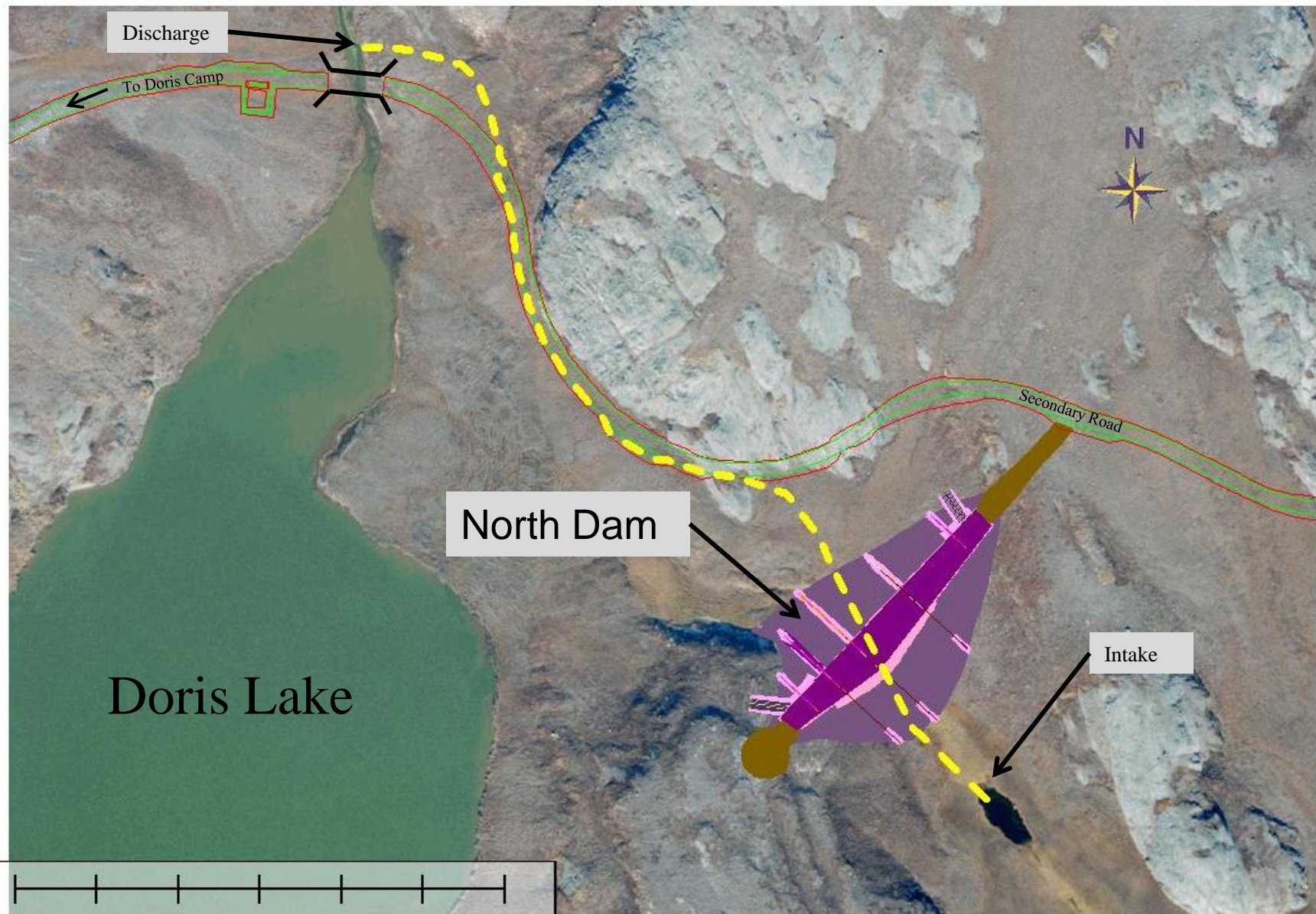
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NOTE:  
Location and size of areas represented here are a best approximation based on Field Engineer's observations.



Job No: 1CH008.033  
Filename: NorthDam\_TailLake DischargePipe\_Figure\_1CHG008.033\_IM\_Rev01.jpg



HOPE BAY MINING LTD.

Doris North Project

### North Dam Tail Lake Discharge Pipe

Date:  
August 1, 2011

Approved:  
IM

Figure: **1**