



December 7, 2017

Simon Toogood  
Mackenzie Valley Review Board  
Box 938, 5102-50<sup>th</sup> Ave  
Yellowknife, NT X1A 2N7

Via NPMO submission

**Re: EA 1617-01 Natural Resources Canada – Final Closing Comments for the Proposed Tłıchǫ All-Season Road**

Dear Mr. Toogood;

Natural Resources Canada (NRCan) is pleased to provide its closing comments to the Mackenzie Valley Review Board for the Government of Northwest Territories proposed Tłıchǫ All-Season Road (EA-1617-01).

*Involvement*

To date, NRCan has participated in all phases of the Environmental Assessment (EA) of the proposed Tłıchǫ All Season Road (project) in order to provide scientific expertise and information to the Mackenzie Valley Review Board (MVRB). NRCan has focused on the review of explosives storage information and effects on permafrost.

*Explosives*

NRCan may be required to issue a magazine licence under the *Explosives Act* if the project is approved. NRCan is satisfied with the explosives information provided by the Government of Northwest Territories. If a magazine licence is required, NRCan will require more detailed information with the application.

*Permafrost*

NRCan is satisfied that the Government of the Northwest Territories has done a reasonable job identifying areas of permafrost along the alignment of the proposed road and generally agrees with the characterization for this stage of the design process. NRCan continues to recommend that the Developer continue to conduct field investigations to inform detailed design to included permafrost considerations in the final road design for the embankment, determining existing permafrost conditions, the removal of permafrost, geotechnical conditions and borrow materials.

If you have any questions regarding NRCan's comments, please do not hesitate to contact me at



Natural Resources  
Canada

Ressources naturelles  
Canada

343-292-6746 or at [Rachelle.Besner2@Canada.ca](mailto:Rachelle.Besner2@Canada.ca).

Sincerely,

*[Original signed by]*

Rachelle Besner  
Senior Environmental Assessment Officer  
Environmental Assessment Division  
Natural Resources Canada

cc: Umar Hasany, Project Officer, Northern Projects Management Office  
Rob Johnstone, Deputy Director, NRCan