



September 17, 2012

Environmental Impact Review Board  
204-107 Mackenzie Road  
P.O. Box 2121, Inuvik, NT X0E 0T0

ISSUED FOR USE

FILE: V23201487

Via Email: [eirb@jointsec.nt.ca](mailto:eirb@jointsec.nt.ca)

**Attention:** Eli Nasogaluak, Environmental Assessment Coordinator

Dear Mr. Nasogaluak,

**Subject:** Erratum in Response to Information Requests Relative to Material Sources Raised at Technical Sessions; August 22 and 23, 2012

On behalf of the Government of the Northwest Territories – Department of Transportation, Town of Inuvik and Hamlet of Tuktoyaktuk, Kiggiak-EBA Consulting Ltd. is pleased to submit this erratum in response to information requests relative to material sources raised at technical sessions, August 22 and 23, 2012.

We trust this information meets your present requirements. If you have any questions or comments, please contact the undersigned.

Sincerely,  
Kiggiak-EBA Consulting Ltd.

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Circumpolar/Arctic  
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Attachment: Erratum in Response to Information Requests Relative to Material Sources Raised at Technical Sessions; August 22 and 23, 2012

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**Hamlet of Tuktoyaktuk, Town of Inuvik  
Government of Northwest Territories**

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**ERRATUM IN  
RESPONSE TO INFORMATION REQUESTS RELATIVE TO MATERIAL SOURCES  
RAISED AT TECHNICAL SESSIONS; AUGUST 22 AND 23, 2012  
FROM THE ENVIRONMENTAL IMPACT REVIEW BOARD  
FOR CONSTRUCTION OF THE  
INUVIK TO TUKTOYAKTUK HIGHWAY, NWT**

**EIRB FILE NO. 02/10-05**

**September 17, 2012**

**ACRONYMS**

EIS	Environmental Impact Statement
GNWT	Government of the Northwest Territories
IR	Information Request

The Developer previously provided to the EIRB the response to information requests from the Technical Sessions regarding material sources (September 10, 2012, file #283-1).

This erratum is filed to adjust the information presented in the response to IR Number TS-2, Table TS-2-1: Estimated material requirements for the 50-year period. An omission was made in the presentation of the estimated total quantity of material required for operation of the Highway for 50 years.

Table TS-2-1 shows the estimated materials requirements for construction and operations of the Highway over the 50 year period. Estimated quantities for operation of the Highway (maintenance and rehabilitation) for the 50 year period for 137 km length of highway were previously presented in Developer's response to IR 90.2, IR 92.1 and IR 147. Alternative 3 is approximately 135.5 km in length. The total estimated material requirements for operation of the Highway (135.5 km) over the 50 year period is presented in the table below.

Table TS-2-1: Estimated material requirements for the 50-year period

Source	Construction Embankment (m <sup>3</sup> )	Construction Surfacing (m <sup>3</sup> )	Operational Common & Crush - Year 1 to 20 (m <sup>3</sup> )	Operational Common & Crush - Year 21 to 40 (m <sup>3</sup> )	Operational Common & Crush - Year 41 to 50 (m <sup>3</sup> )	Estimated Total Requirement (m <sup>3</sup> )	Estimated Amount Available in Source (m <sup>3</sup> )
325/314	1,094,750	82,300	558,750	300,000	89,000	2,124,800	2,124,800 <sup>1</sup>
309	979,000	82,300	263,700	175,000	-	1,500,000	1,500,000 <sup>2</sup>
174	1,141,500	82,400	1,072,350	687,250	296,500	3,280,000	3,280,000 <sup>3</sup>
170	562,750	-	109,790	-	-	672,540	672,540 <sup>4</sup>
177	677,000	-	238,500	100,000	-	1,015,500	1,510,000 <sup>5</sup>
173/305	-	-	67,360	393,200	196,600	657,160	791,140 <sup>6</sup>
307	-	-	-	-	-	-	913,600 <sup>7</sup>
Totals	4,455,000	247,000	2,310,450	1,655,450	582,100	9,250,000	10,792,080

Notes:

<sup>1</sup> The reference for this source is Kavik-Stantec Inc., 2012. Inuvik - Tuktoyaktuk Highway 2012 Borrow Source Investigation, Borrow Source 314/325 Summary Report. Prepared for E Gruben's

Transport Ltd. July 2012. The estimated amount available in the source has been adjusted to account for material left in-situ over massive ice.

<sup>2</sup> Ripley, Klohn & Leonoff International Limited , 1972. Granular materials inventory, Zone III. Prepared for Department of Indian Affairs and Northern Development. 1972.

<sup>3</sup> R.M Hardy & Associates Ltd., 1977. Granular Materials Inventory, Tuktoyaktuk, Northwest territories. Prepared for Department of Indian and Northern Development. August 1977.

<sup>4</sup> The reference for this source is Kavik-Stantec Inc., 2012. Inuvik - Tuktoyaktuk Highway 2012 Borrow Source Investigation, Borrow Source 170 Summary Report. Prepared for E Gruben's Transport Ltd. July 2012. The estimated amount available in the source has been adjusted to account for material left in-situ over massive ice.

<sup>5</sup> The reference for this source is R.M Hardy & Associates Ltd., 1977. Granular Materials Inventory, Tuktoyaktuk, Northwest Territories. Prepared for Department of Indian and Northern Development. August 1977. The estimated amount of available material source reported is 1,910,000 m<sup>3</sup>. This amount has been adjusted to account for the 400,000 m<sup>3</sup> used to construct the access road from Tuktoyaktuk to Source 177.

<sup>6</sup> The reference for this source is Kavik-Stantec Inc., 2012. Inuvik - Tuktoyaktuk Highway 2012 Borrow Source Investigation, Borrow Source 173/305 Summary Report. Prepared for E Gruben's Transport Ltd. July 2012. The estimated amount available in the source has been adjusted to account for material left in-situ over massive ice.

<sup>7</sup> The reference for this source is Kavik-Stantec Inc., 2012. Inuvik - Tuktoyaktuk Highway 2012 Borrow Source Investigation, Borrow Source 307 Summary Report. Prepared for E. Gruben's Transport Ltd. July 2012. The estimated amount available in the source has been adjusted to account for material left in-situ over massive ice.

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