



The **BACK RIVER**
PROJECT

**FINAL ENVIRONMENTAL IMPACT STATEMENT
ADDENDUM**



February 2017

Submitted to:
Nunavut Impact Review Board
PO Box 1360
Cambridge Bay, NU X0B 0C0

Plain Language Summary

Sabina Gold & Silver Corp. (Sabina) is focused on the responsible development of the Back River Project (or the Project) in the Kitikmeot Region of Nunavut. Sabina commenced the Environmental Assessment of the Back River Project on June 14, 2012 with the submission of a Project Proposal to the Nunavut Impact Review Board (NIRB). The NIRB provided Project Guidelines for the production of an Environmental Impact Statement on April 30, 2013 and Sabina subsequently submitted a conformant Draft Environmental Impact Statement to the NIRB on January 20, 2014. Technical Meetings, a Community Round-Table and Pre-Hearing Conference on the Draft Environmental Impact Statement were completed on November 20, 2014. Following the receipt of the NIRB's Pre-Conference Hearing Report (December 19, 2014) Sabina submitted the Final Environmental Impact Statement on November 23, 2015 which was deemed conformant to the Project Guidelines. The Technical Meeting and Final Hearing concluded on April 30, 2016 with the Kitikmeot Inuit Association, Government of Nunavut, and all selected representatives of the Kitikmeot communities recommending that the Project should be allowed to proceed. In addition, the departments of Indigenous and Northern Affairs Canada, Fisheries and Oceans Canada and the Canadian Coast Guard, Environment and Climate Change Canada, Natural Resources Canada, and Transport Canada all confirmed that they had no outstanding issues to be addressed at the Environmental Assessment phase. On June 15, 2016 the NIRB released their Final Hearing Report to the Minister of Indigenous and Northern Affairs Canada (the Minister) which recommended that the Project should not be approved to proceed at this time. On January 12, 2017 the Minister directed the NIRB to reconsider the Project under section 12.5.7(e) of the Nunavut Agreement due to deficiencies in the NIRB Final Hearing Report.

Sabina has prepared this Addendum of the Final Environmental Impact Statement for the proposed development of the Back River Project. The Addendum addresses outstanding concerns of the NIRB as contained in their Final Hearing Report as well as the Ministers' referral letter. It supplements the Final Environmental Impact Statement and identifies what has since been added or clarified and otherwise has changed. This includes new and updated information on community and government engagement, caribou and terrestrial wildlife, freshwater aquatic environment, marine environment, water quality, and climate and meteorology amongst other topics. This Addendum is submitted to the NIRB, KIA, government and community stakeholders for review and comment as defined by the NIRB.

Plain Language Summary (Inuinnaqtun)

Sabina Gold unalu Silver Kuapuriisingit (Sabina) ihumagillualiqtaa munariniqmut pivallianiq uuminnga Hanningayuuq Havauhikhaq (Havauhikhaqluuniit) Kitikmeotmi Nunavunmi. Sabina aullaqtiliqtaa Avatiliriniqmut Naunaiyainiq uumani Hanningayuuq Havauhikhaq June 14, 2012mi tuniplugu una Havauhikhaq tukhiutinik Nunavut Avatilirinirmut Katimayiinginnut (NIRB). NIRB-kut tuniyuuq Havauhikhaq Maliktakhangit piliurninnganut Avatiliriniqmut Ayurhautigiyauyuq Titiraq April 30, 2013mi Sabina talvanna tuniyuuq maliktuuq Inirhimaittuuq Avatiliriniqmut Ayurhautigiyauyuq Titiraq NIRB-kunnut January 20, 2014mi. Ayurnaittumik Katimapkaiyuq, Nunallaani Katimaniq unalu Katimatinnagit Katimayut Inirhimaittumut Avatiliriniqmut Ayurhautigiyauyuq Titiraq iniqtauuuq November 20, 2014mi. Talvanna pigamitku NIRB-kut Katimatinnagit Katimaniqmut Taiguagakhaqmik (December 19, 2014mi) Sabina tuniyuuq Kingulliqpaanganik Avatiliriniqmut Ayurhautigiyauyuq Titiraq November 23, 2015 ihumagiyauyuq maliktuuq uumunnga Havauhikhaq Maliktakhangit. Tamna Ayurnaittumik Katimapkainiq unalu Kingulliqpaanga Katimayut April 30, 2016 Kitikmeot Inuit Katimayiitkunnut, Nunavut Kavamanga, tamaitalu tikkuuqtauuyut havaktingit Kitikmeonmi nunallaangit pitquiyuuq tamna Havauhikhaq piyukhaq. Unalu, havakvinga Inuuliriyiitkut Kaanatami, Imarmiutaliriyiitkut Kaanatami unalu Kaanatami Hikuirutiliriyiitkut Umiaq, Avatinganut Hilaup Aadlangurninnga Kaanatami, Nunamiingaqhimayut Maniliurahuarutit Kaanatami, unalu Ingilrayuliriyiitkut Kaanatami tamaita naunaiqtaat atugaittut ihumaalutiqangittut uqaqtauuyukhaq uumani Avatiliriniqmut Naunaiyainiq piliqqagu. June 15, 2016mi NIRB-kut naunaiqtaat Kingulliqpaq Katimadjutimut Taiguagakhaq Ministamut Inuuliriyiitkut Kaanatami (tamna Ministanga) pitquyuit Havauhikhaq angiqtakhangittuq pigiami talvani. January 12, 2017mi tamna Minista pitquyuit NIRB-kut ihumagiffaarumitku tamna Havauhikhaq titiraqhimayumi ilangani 12.5.7(e) Nunavut Angirutingani piqalluanguinmat NIRB-kut Kingulliqpaq Katimadjutimut Taiguagakhaq.

Sabina piliuliqtaa Naunairvinga Kingulliqpaap Avatiliriniqmut Ayurhautigiyauyuq Titiraq piliurumayanginnut una Hanningayuuq Havauhikhaq. Naunairvinga naunaiqtaat akhuraaluk atuganginnik ihumaalutiqangittut NIRB-kut titiraqhimayuuq uumani Kingulliqpaq Katimadjutimut Taiguagakhaq unalu Ministaup pitquyautininnganut titiranga. Ilaliutigiyaa Kingulliqpaq Avatiliriniqmut Ayurhautigiyauyuq Titiraq ilitariyaillu talvanna kitut ilaliutihimayuuq naunaiyarhimayuqluuniit aadlanguqhimayuqluuniit. Una ilaliutiyuuq nutaamik nutaangurhimayuqlu naunaitkutaq nunallaanut kavamatkunnnullu ilaliutiniq, tuktut nunamiutallu huradjangit, imaqmi avatinganik, tariuuq avatinga, imaq qanurittaakhaanik, hilalu unalu hilauplu qanurittaakhaanik aadlanit uqaqtakhanginnik. Una Ilaliutiyuuq tuniyauyuq NIRB-kunnut, KIA-tkunnut, kavamatkunnut nunallaanilu tigumiaqtuuqatayunut ihivriutakhangit qanurlu ihumagiyanginnik naunaiqhimayuuq NIRB-kunnit.

FEIS Addendum Introduction

BACKGROUND

Sabina Gold & Silver Corp. (Sabina) is focused on the responsible development of the Back River Project (or the Project) in the Kitikmeot Region of Nunavut. Sabina commenced the Environmental Assessment of the Project on June 14, 2012 with the submission of a Project Proposal to the Nunavut Impact Review Board (NIRB or the Board). The NIRB provided Project Guidelines for the production of an Environmental Impact Statement on April 30, 2013 and Sabina subsequently submitted a conformant Draft Environmental Impact Statement to the NIRB on January 20, 2014. Technical Meetings, a Community Round-Table and Pre-hearing Conference on the Draft Environmental Impact Statement were completed on November 20, 2014. Following the receipt of the NIRB's Pre-hearing Conference Report (December 19, 2014) Sabina submitted the Final Environmental Impact Statement on November 23, 2015 which was deemed conformant to the Project Guidelines. The Technical Meeting and Final Hearing concluded on April 30, 2016 with the Kitikmeot Inuit Association, Government of Nunavut, and all selected representatives of the Kitikmeot communities recommending that the Project should be allowed to proceed. In addition, the departments of Indigenous and Northern Affairs Canada, Fisheries and Oceans Canada and the Canadian Coast Guard, Environment and Climate Change Canada, Natural Resources Canada, and Transport Canada all confirmed that they had no outstanding issues to be addressed at the Environmental Assessment phase. On June 15, 2016 the NIRB released their Final Hearing Report to the Minister of Indigenous and Northern Affairs Canada (the Minister) which recommended that the Project should not be approved to proceed at this time. On January 12, 2017 the Minister directed the NIRB to reconsider the Project under section 12.5.7(e) of the Nunavut Agreement due to deficiencies in the NIRB Final Hearing Report.

INTRODUCTION

This Addendum of the Final Environmental Impact Statement (the FEIS Addendum) is being provided to the NIRB, in response to the direction received on January 23, 2017, to provide new and updated information as amendments and additions to the original FEIS. As described in the NIRB's Direction Letter, the addenda will address:

- Issues where the Board noted a lack of clear evidence or assurance in proposed mitigation measures in the Final Hearing Report;
- Direction provided in the NIRB's Guidelines for the Preparation of an Environmental Impact Statement for Sabina Gold & Silver Corp.'s Back River Project (EIS Guidelines, April 2013); and
- Address the particular issues highlighted within the Ministers' enclosed January 12, 2017 referral letter.

The FEIS Addendum addresses concerns of the NIRB as outlined in their Final Hearing Report, as well as the Ministers' Referral Letter. It supplements the Final Environmental Impact Statement and identifies what has since been added or clarified and otherwise has changed. This includes new and updated information on community and government engagement, caribou and terrestrial wildlife, freshwater aquatic environment, marine environment, water quality, and climate and meteorology amongst other topics.

Responses are generally based on the presentation of further clarification or new or updated information to be considered by the Board. Responses focused on further clarification identify information that was previously publicly available but which may not have been identified or thoroughly considered as part of the Final Hearing Report. Responses with new or updated information are primarily focused on providing greater confidence within the various effect assessments or increasing mitigation and monitoring of potential effects. In all cases this new or updated information is meant to generate a higher degree of confidence and generally does not effect other FEIS sections such as effect assessments, transboundary, cumulative effects, etc.

For convenient reference, this FEIS Addendum follows the original FEIS heading and numbering scheme. In the interest of brevity, the volume and chapter numbers of the FEIS Addenda headers in the Table of Contents have been combined. For example, Section 6.4 in the FEIS Addendum Table of Contents corresponds to Volume 6, Chapter 4 Freshwater Water Quality in the FEIS. Where there is no new or updated information provided in the FEIS Addendum, the corresponding section number is omitted. For example, section 6.2 and 6.3 are omitted from the FEIS Addendum Table of Contents for this reason. Wherever the original FEIS information is referenced, FEIS is used at the start of the reference (FEIS Volume 10 Chapter 19). Wherever the FEIS Addendum information supersedes the FEIS information, FEIS Addendum is used at the start of the reference (FEIS Addendum Volume 10, Chapter 21). New, updated, or clarifications of previously provided information can be found in the respective volume section of the FEIS Addendum.

The following designators are assigned to each update:

Change Designator	Description
Addenda	Additional information to that provided in FEIS. This is in the form of Sabina’s response to a specific issue or concern raised in the NIRB’s Final Hearing Report.
General updates	Additional information to that provided in FEIS. These are general in the form of updated statistics respecting community consultation and government engagement.
New	New information to that provided in FEIS. This is in the form of standalone documents, either appendices or management plans, that did not exist in the FEIS.
Revised	New or updated information to that provided in FEIS. This is in the form of standalone documents, either appendices or management plans, that have been revised since FEIS.
Significantly Revised	New or updated information to that provided in FEIS. This is in the form of management plans that have been revised so significantly since FEIS that the Addendum does not resemble the original document in respect of either format or content.

The following table summarizes the inclusions in the FEIS Addendum along with their respective types of change. A Volume Addenda Summary is provided at the beginning of each FEIS Addendum Volume which describes the included updates.

FEIS ADDENDUM

Addendum	Title	Description	Change
1	Volume 1 Addenda: Main Volume		
Addendum Appendix V1-1A	Table of Conformity	Table of Conformity (Amendments and Additions)	Revised
Addendum Appendix V1-9	Party-Recommended Terms & Conditions and Commitments		New
2	Volume 2 Addenda: Project Description and Alternatives		General updates
3	Volume 3 Addenda: Public Consultation, Government Engagement, and TK		General updates
3.3	Traditional Activity and Knowledge (TK)	NIRB Response 5.6: Traditional Activity and Knowledge (TK)	Addenda
Addendum Appendix V3-1A	Record of Meetings with Community and Stakeholder Groups		Revised
Addendum Appendix V3-1B	Record of Attempted Meetings with Community and Stakeholder Groups		Revised
Addendum Appendix V3-1C	Community and Stakeholder Group Meeting Minutes and Public Comment Forms		Addenda
Addendum Appendix V3-1F	Record of Donations		Revised
Addendum Appendix V3-1H	Draft Terms of Reference Inuit Environmental Advisory Committee		New
Addendum Appendix V3-2A	Record of Meetings with Government Officials		Revised
4	Volume 4 Addenda: Atmospheric Environment		
4.3	Climate and Meteorology	NIRB Response 4.2: Climate and Meteorology (Climate Change)	Addenda
Addendum Appendix V4-3D	Climate Change Memo		New
Addendum Appendix V4-3E	Climate Change Expert Third Party Review		New
5	Volume 5 Addenda: Terrestrial Environment		
5.3	Landforms and Soils	NIRB Response 4.5: Geological Features, Surficial and Bedrock Geology, and Geochemistry (CC)	Addenda
5.4	Vegetation and Special Landscape Features	NIRB Response 4.10: Vegetation	Addenda
5.5	Caribou	NIRB Response 4.11: Terrestrial Wildlife and Wildlife Habitat (Caribou)	Addenda
5.5	Potential Cumulative Effects Assessment	NIRB Response 6.4: Cumulative Effects (Caribou)	Addenda
5.5	Transboundary Effects	NIRB Response 6.7: Transboundary Effects (Caribou)	Addenda
Addendum Appendix V5-5I	Expert Third Party Review of Wildlife Mitigation and Monitoring Program Plan 1 - Golder		New
Addendum Appendix V5-5J	Expert Third Party Review of Wildlife Mitigation and Monitoring Program Plan 2 - EDI		New

(continued)

Addendum	Title	Description	Change
Addendum Appendix V5-5K	Sabina Note to the Record - Expert Third Party Review Comments		New
6	Volume 6 Addenda: Freshwater Environment		
6.1	Surface Hydrology	NIRB Response 4.6: Hydrological Features and Hydrogeology (Closure)	Addenda
6.4	Freshwater Water Quality	NIRB Response 4.7: Groundwater and Surface Water Quality (SSWQO) (AEMP)	Addenda
6.6	Freshwater Fish/Aquatic Habitat	NIRB Response 4.9: Freshwater Aquatic Environment (TK)	Addenda
Addendum Appendix V6-4C	Site Specific Water Quality Objectives Memo		New
Addendum Appendix V6-6F	Rascal Stream Fishway Memo		New
Addendum Appendix V6-6G	Winter Ice Road Fish Habitat Memo		New
Addendum Appendix V6-6H	Bernard Harbour Report and Baseline		New
7	Volume 7 Addenda: Marine Environment		
7.4	Marine Fish/Aquatic Habitat	NIRB Response 4.13: Marine Environment	Addenda
7.5	Marine Fish Community	NIRB Response 4.14: Marine Wildlife	Addenda
Addendum Appendix V7-2B	Marine Monitoring Supplemental Information		New
8	Volume 8 Addenda: Human Environment		
8.3	Socio-economics	NIRB Response 5.4: Contracting and Business Opportunities (Closure, IIBA)	Addenda
8.3	Socio-economics	NIRB Response 5.9: Health and Well-Being	Addenda
8.6	Human Health and Environmental Risk Assessment	NIRB Response 5.11: Human Health and Safety	Addenda
Addendum Appendix V8-3C	Communities and Diamonds: 2015 Annual Report		New
Addendum Appendix V8-3D	Measuring Success 2014: NWT Diamond Mines Continue to Create Benefits		New
9	Volume 9 Addenda: Methodology, Effects of Environment on Project, Accidents and Malfunctions		
9.3	Accidents and Malfunctions	NIRB Response 6.2: Accidents and Malfunctions Assessment	Addenda
10	Volume 10 Addenda: Management Plans		
Vol. 10 Ch. 4	Fuel Management Plan		Revised
Vol. 10 Ch. 5	Spill Contingency Plans		Revised
Vol. 10 Ch. 6	Oil Pollution Emergency Plan		Revised
Vol. 10 Ch. 19	Aquatic Effects Management Plan		Significantly Revised
Vol. 10 Ch. 20	Wildlife Mitigation and Monitoring Program Plan		Significantly Revised
Vol. 10 Ch. 21	Conceptual Fish Offsetting Plan		Revised
Vol. 10 Ch. 30	Vegetation Monitoring Plan		New
Vol. 10 Ch. 31	Conceptual Fish-out Plan		New

CONFORMITY TO EIS GUIDELINES

Sabina has reviewed the NIRB's EIS Guidelines for the Back River Project with respect to the new or updated information provided with the FEIS Addendum. An updated Table of Conformity is included in FEIS Addendum Volume 1, Appendix Addendum V1-1A. This Table replaces the FEIS Table V1-1A.

BACK RIVER PROJECT

FEIS ADDENDUM

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9.	Volume 9 Addenda: Methodology, Effects of Environment on Project, Accidents and Malfunctions.....	9-1
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	4. Fuel Management Plan (Revised)	
	5. Spill Contingency Plans (Revised)	

- 6. Oil Pollution Emergency Plan (Revised)
- 19. Aquatic Effects Management Plan (Significantly Revised)
- 20. Wildlife Mitigation and Monitoring Program Plan (Significantly Revised)
- 21. Conceptual Fish Offsetting Plan (Revised)
- 30. Vegetation Monitoring Plan (New)
- 31. Conceptual Fish-out Plan (New)

1. Volume 1 Addenda: Main Volume

VOLUME ADDENDA SUMMARY

INTRODUCTION

This FEIS Addendum is being provided to the NIRB, in response to the direction received on January 23, 2017, to provide new and updated information as identified within the NIRB Hearing Decision Report (June 15, 2016) and the Ministers' Referral Letter (January 12, 2017).

For convenient reference, this FEIS Addendum follows the original FEIS heading and numbering scheme. In the interest of brevity, the volume and chapter numbers of the FEIS Addenda headers in the Table of Contents have been combined. For example, Section 6.4 in the FEIS Addendum Table of Contents corresponds to Volume 6, Chapter 4 Freshwater Water Quality in the FEIS. Where there is no new or updated information provided in the FEIS Addendum, the corresponding section number is omitted. For example, Section 6.2 and 6.3 are omitted from the FEIS Addendum Table of Contents for this reason. Wherever the original FEIS information is referenced, FEIS is used at the start of the reference (FEIS Volume 10 Chapter 19). Wherever the FEIS Addendum information supersedes the FEIS information, FEIS Addendum is used at the start of the reference (FEIS Addendum Volume 10, Chapter 21).

CONFORMITY TO EIS GUIDELINES

Sabina has reviewed the EIS Guidelines (Section 4) with respect to the new information provided on the topic of presenting the Final Environmental Impact Statement and provided an updated Table of Conformity in FEIS Addendum Appendix V1-1A. This Table replaces the FEIS Table V1-1A.

INTRODUCTION (FEIS VOLUME 1, CHAPTER 1)

No areas of concern noted within the Final Hearing Report or the Ministers' Referral Letter. No additional information is presented.

PUBLIC CONSULTATION AND ENGAGEMENT AND GOVERNMENT ENGAGEMENT (FEIS VOLUME 1, CHAPTER 2)

No areas of concern noted within the Final Hearing Report or the Ministers' Referral Letter. See FEIS Addendum Volume 3 Addenda Summary for a summary of the updated information related to public consultation and engagement and government engagement.

PROJECT DESCRIPTION (FEIS VOLUME 1, CHAPTER 3)

No areas of concern noted within the Final Hearing Report or the Ministers' Referral Letter. No additional information is presented.

TRADITIONAL KNOWLEDGE (FEIS VOLUME 1, CHAPTER 4)

No areas of concern noted within the Final Hearing Report or the Ministers' Referral Letter. No additional information is presented.

EXISTING ENVIRONMENT AND BASELINE INFORMATION (FEIS VOLUME 1, CHAPTER 5)

Since the FEIS Final Hearing, Sabina has continued to advance baseline studies at Bernard Harbour. See FEIS Addendum Volume 6 Addenda Summary for a summary of the updated information related to existing environment and baseline information for the freshwater environment.

POTENTIAL EFFECTS ASSESSMENT (FEIS VOLUME 1, CHAPTER 6)

No areas of concern noted within the Final Hearing Report or the Ministers' Referral Letter. No additional information is presented.

MITIGATION AND ADAPTIVE MANAGEMENT (FEIS VOLUME 1, CHAPTER 7)

A new commitment, not previously stated in the FEIS, is for performance monitoring to be conducted to measure freeze encapsulation of the tailings and waste rock covers during Operations and through Closure to inform adaptive management. See FEIS Addendum Volume 4 Addenda Summary for a summary of the updated information related to mitigation and adaptive management for the atmospheric environment.

POTENTIAL CUMULATIVE EFFECTS ASSESSMENT (FEIS VOLUME 1, CHAPTER 8)

No areas of concern noted within the Final Hearing Report or the Ministers' Referral Letter. No additional information is presented.

RECLAMATION AND CLOSURE (FEIS VOLUME 1, CHAPTER 9)

Since the FEIS Final Hearing, Sabina has advanced the Mine Closure and Reclamation to address NIRB's concerns raised in the Final Hearing Report and to support future water licence submissions. See FEIS Addendum Volume 5 Addenda Summary for a summary of the new or updated information related to progressive reclamation.

MONITORING AND MANAGEMENT PLANS (FEIS VOLUME 1, CHAPTER 10)

Since the FEIS Final Hearing, Sabina has advanced several monitoring and management plans to address NIRB's concerns raised in the Final Hearing Report and to support future water licence submissions. See FEIS Addendum Volume 10 Addenda Summary for a summary of the updated information related to monitoring and management plans.

SUMMARY OF COMMITMENTS (FEIS VOLUME 1, CHAPTER 11)

A new, unsolicited commitment, not previously stated in the FEIS, is for performance monitoring to be conducted to measure freeze encapsulation of the tailings and waste rock covers during Operations and through Closure to inform adaptive management. See FEIS Addendum Volume 4 Addenda Summary for a summary of the updated information related to this commitment.

A new, unsolicited commitment, not previously stated in the FEIS, is for a vegetation assessment of the portion of the winter ice road north of Tahikafflok Lake (Bathurst Lake) that was realigned and lies outside of the FEIS local study area. See FEIS Addendum Volume 5 Addenda Summary for a summary of the updated information related to this commitment.

CONCLUSIONS (FEIS VOLUME 1, CHAPTER 12)

No areas of concern noted within the Final Hearing Report or the Ministers' Referral Letter. No additional information is presented.

APPENDICES (FEIS VOLUME 1)

FEIS Appendix	Title	Summary of Change
Appendix V1-1	Tables of Concordance	Revised - Addendum Appendix V1-1A Table of Conformity
Appendix V1-2	List of Permits, Licences, and Authorizations Required for Project	No changes
Appendix V1-3	Land and Water Interests	No changes
Appendix V1-4	List of Consultants Contributing to FEIS	No changes
Appendix V1-5	List of Agencies, Organizations, and Persons for FEIS Distribution	No changes
Appendix V1-6	Commitments Table	No changes
Appendix V1-7	FEIS Document Index	No changes
Appendix V1-8	FEIS Complete Table of Contents	No changes
Appendix V1-9	Party-Recommended Terms & Conditions and Commitments	New

Sabina has reviewed the NIRB's EIS Guidelines for the Project with respect to the new or updated information provided within the FEIS Addendum. An updated Table of Conformity in FEIS Addendum Volume 1, Appendix Addendum V1-1A has been provided to reflect the changes. This Table replaces the FEIS Table V1-1A.

FEIS Addendum Appendix V1-9 Party-Recommended Terms & Conditions and Commitments is a newly created list of project certificate terms and conditions recommended to NIRB by federal and territorial agencies and the KIA during the April 2016 NIRB Public Hearings.

None of the additional information presented in the FEIS Addendum affects the conclusions presented in the Main Volume (FEIS Volume 1).

ADDENDUM APPENDIX V1-1A: TABLE OF CONFORMITY (ADDENDA)

Addendum Appendix V1-1A. Table of Concordance

Part	Guidelines Section	Section	Subsection	Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
2.0 GUIDING PRINCIPLES	2.1 NIRB'S IMPACT REVIEW PRINCIPLES			An ecosystem-based approach must be adopted for the review - In order to gain an adequate understanding of the effects of the Project, an ecosystem-based approach must be adopted to ensure that the review addresses both the direct impacts that the Project will have on the various ecosystem components, as well as the interactions that will occur between components.		4, 5, 6, 7, 8	All	-	All
2.0 GUIDING PRINCIPLES	2.1 NIRB'S IMPACT REVIEW PRINCIPLES			Socio-economic issues, such as giving consideration to the potential for the Project to affect economic development within the region, must be included in the review - Members of the community constitute a critical part of the environment, and their concerns relating to the Project need to be assessed by the NIRB. As such, adverse and beneficial effects of the Project on members of the community with respect to health, recreation, and other aspects of social well-being need to be addressed in the EIS, in order to ensure a culturally holistic understanding of the Project's effects.		8	All	-	All
2.0 GUIDING PRINCIPLES	2.1 NIRB'S IMPACT REVIEW PRINCIPLES			An understanding of past and potential future environmental, economic, and social trends in the region potentially affected by the proposed Project, and how the Project will influence these trends is required - The inclusion of a time perspective on all phases of the Project, from the early planning stages through operations and closure including post-closure and maintenance phases where appropriate. It is important to include all phases of the Project in order to provide the NIRB with a full understanding of the cumulative environmental effects in combination with other past, present and reasonably foreseeable projects.		4, 5, 6, 7, 8, 9	All	-	All
2.0 GUIDING PRINCIPLES	2.1 NIRB'S IMPACT REVIEW PRINCIPLES			The well-being of residents of Canada outside the Nunavut Settlement Area must be taken into account - Significant transboundary biophysical and socio-economic effects directly related to this Project must be included in the EIS in order to ensure the NIRB's assessment of the well-being of Canadians outside of the NSA.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.7 X.7 X.7 X.7 X.7 1.4	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70, 7-57 2-41, 3-32, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 1-51 to 1-53
2.0 GUIDING PRINCIPLES	2.2 PUBLIC PARTICIPATION AND ENGAGEMENT			In preparing its EIS, the Proponent is required to engage potentially affected communities, its residents, Inuit Organizations, Aboriginal groups, and other governments or other organizations, including where relevant, adjacent jurisdictions outside of the Nunavut Settlement Area. Refer to the NIRB's Guide 6B: A Proponent's Guide to Conducting Business Consultation for the NIRB Environmental Assessment Process when preparing to consult with the general public. Public participation is required when: - Identifying current and historical patterns of land and resource use, - Acquiring traditional knowledge (TK), - Identifying VECs and VSECs, - Evaluating the significance of potential impacts, - Deciding upon mitigating measures, and - Identifying and implementing monitoring measures, including post-project audits.	Yes	3 Addendum 3	1, 2, 3 1	1.3, 1.4, 1.5, 1.6, Table 1.6-1, 1.7, Appendices V3-1A, V3-1B, V3-1C, V3-1E, V3-1G, 2.1, 2.2, 2.3, 2.4, Appendix V3-2A, 3.2, 3.3, Appendices V3-3A, V3-3B, V3-3D Addendum Appendices V3-1A, V3-1B, V3-1C, V3-2A	1-5 to 1-48, All 2-1 to 2-7, All 3-44 to 3-53, All All
2.0 GUIDING PRINCIPLES	2.2 PUBLIC PARTICIPATION AND ENGAGEMENT			Another objective of the NIRB review process is to involve potentially affected Nunavummiut to address concerns regarding any changes that the Project may cause in the environment and the resulting effects of any such changes on the traditional and contemporary use of land/ice and resources. The Proponent must ensure that Nunavummiut have the information that they require in respect to the Project and on how the Project may impact them.	Yes	3 Addendum 3	1, 3 3	1.3, 1.4, 1.5, 1.6, Table 1.6-1, 1.7, Appendices V3-1A, V3-1B, V3-1C, V3-1E, V3-1G 3.2, 3.3, Appendices V3-3A, V3-3B, V3-3D Addendum Appendices V3-1A, V3-1B, V3-1C	1-5 to 1-48, All 3-44 to 3-53, All All
2.0 GUIDING PRINCIPLES	2.2 PUBLIC PARTICIPATION AND ENGAGEMENT			The NIRB Review process requires the development of a public participation and awareness program to initiate engagement of the public during the initial stages of the Review, and to facilitate meaningful consultation with those communities potentially affected by a proposed project.		3	1	1.3, 1.4, 1.5, 1.6, Table 1.6-1, 1.7, Appendices V3-1A, V3-1B, V3-1C, V3-1E, V3-1G	1-5 to 1-48, All
2.0 GUIDING PRINCIPLES	2.2 PUBLIC PARTICIPATION AND ENGAGEMENT			The Proponent must provide the highlights of any public engagement within the EIS, including the methods used, the results, and the ways in which the Proponent intends to address the concerns identified.	Yes	3 Addendum 3	1 1	1.3, 1.4, 1.5, 1.6, Table 1.6-1, 1.7, Appendices V3-1A, V3-1B, V3-1G Addendum Appendices V3-1A, V3-1B	1-5 to 1-48, All All
2.0 GUIDING PRINCIPLES	2.3 TRADITIONAL KNOWLEDGE			The Proponent shall not only incorporate TK into the baseline collection and methodologies, but further outline where management strategies, mitigation and monitoring plans, and/or operational considerations employ values of the Inuit Qaujimajatuqangit.		3	3	3.1.3, Table 3.1-1, Table 3.1-2, 3.3	3-2 to 3-43, 3-50 to 3-53
2.0 GUIDING PRINCIPLES	2.3 TRADITIONAL KNOWLEDGE			The Proponent must incorporate into the EIS the TK to which it has access or the TK that it may reasonably be expected to acquire through appropriate due diligence, in keeping with appropriate ethical standards and without breaching obligations of confidentiality.		3	3	Table 3.1-1, 3.2, Appendices V3-3A, V3-3B, V3-3C, V3-3D	3-3 to 3-42, 3-44 to 3-50, All
2.0 GUIDING PRINCIPLES	2.4 PRECAUTIONARY PRINCIPLE			The Proponent must demonstrate that the proposed Project is examined in a manner consistent with the precautionary principle in order to ensure that they do not cause serious or irreversible damage to the environment.		2 9	2 1	2.1.4 1.2.3, 1.3.4	2-2 to 2-3 1-4 to 1-17, 1-39 to 1-49
2.0 GUIDING PRINCIPLES	2.4 PRECAUTIONARY PRINCIPLE			The Proponent must outline the assumptions made about the effects of the proposed Project and the approaches to minimize these effects, including assumptions that are developed where scientific uncertainty exists		1 9 10	1, 10 1, 2 1	1.4.1, 10.1, 10.2 1.2.4.3, 1.3.5.1, 1.3.5.2, All 4.1, 4.3	1-5, 10-1 to 10-3, 10-3 1-20 to 1-27, 1-49 to 1-50, 1-50, All 5 to 6, 6 to 7

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Part	Section	Subsection	Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
2.0 GUIDING PRINCIPLES	2.4 PRECAUTIONARY PRINCIPLE		The Proponent must identify any follow-up and monitoring activities planned, particularly in areas where scientific uncertainty exists in the prediction of effects	Yes	1 9 40 10 Addendum 10	10 1 All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All 1.2.3.1, 1.2.4.4, 1.3.5.3 All All All	All 1-5 to 1-16, 1-27, 1-50 to 1-51 All All All
2.0 GUIDING PRINCIPLES	2.4 PRECAUTIONARY PRINCIPLE		The Proponent must present public views on the acceptability of these effects.		3	1 3	1.6.2.3, 1.6.3, Appendix V3-1C 3.3.3	1-38, 1-39 to 1-47, All 3-52
2.0 GUIDING PRINCIPLES	2.5 SUSTAINABLE DEVELOPMENT		The EIS should clearly demonstrate how the Project preserves ecosystem integrity, including the capability of natural systems (local and regional) to maintain their structure and functions and to support biological diversity.		2	2	2.1.3	2-2
2.0 GUIDING PRINCIPLES	2.5 SUSTAINABLE DEVELOPMENT		The EIS should clearly demonstrate how the Project respects intergenerational equity. That is, the right of future generations to the sustainable use of renewable and non-renewable resources depends on our commitment to those resources today.		9 10	1 1	1.2.4 3	1-18 to 1-35 3 to 5
2.0 GUIDING PRINCIPLES	2.5 SUSTAINABLE DEVELOPMENT		The EIS should clearly demonstrate how the Project attains durable social and economic benefits, particularly in Nunavut.		2	1	1.8, 2.1.7	1-10 to 1-17, 2-4 to 2-5
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.5		The EIS will contain a Project description, including the purpose and need for the Project.		2	All	All	All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.6		The EIS will contain anticipated ecosystemic and socio-economic impacts of the Project.	Yes	4, 5, 6, 7, 8, 9, 40 10 Addendum 10	All All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All All	All All All All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.7		The EIS will contain anticipated effects of the environment on the Project		9	2	All	All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.8		The EIS will contain steps which the Proponent proposes to take, including any contingency plans, to avoid and mitigate adverse impacts.	Yes	1 4 5 6 7 8 40 10 Addendum 10	7, 10, 11 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All All All All All All All	All All All All All All All All All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.9		The EIS will contain steps which the Proponent proposes to take to optimize benefits of the Project, with specific consideration being given to expressed community and regional preferences as to benefits.		2 3	2 1	2.1.7, 4.1.5, 4.1.6 1.6.3	2-4 to 2-5, 4-2 to 4-3 1-39 to 1-48
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.10		The EIS will contain steps which the Proponent proposes to take to compensate interests adversely affected by the Project.		2 9	5 1	5.8 1.2.4.3	5-3 1-20 to 1-27
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.11		The EIS will contain the monitoring program that the Proponent proposes to establish with respect to ecosystemic and socio-economic impacts.	Yes	1 40 10 Addendum 10	10 All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All All	All All All All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.12		The EIS will contain the interests in land and waters which the Proponent has secured, or seeks to secure.		1	Appendix V1-3	All	All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.13		The EIS will contain options for implementing the proposal.		2	4	4.1, 4.2, 4.3	4-1 to 4-29
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.14		The EIS will contain any other matters that NIRB considers relevant.		3	1 3	1.5.1 3.2.6	1-19 to 1-20 3-49 to 3-50
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.15		The EIS will demonstrate whether the project would enhance and protect the existing and future well-being of the residents and communities of the Nunavut Settlement Area, taking into account the interests of other Canadians		2 10	1 23, 26	1.8 3, All	1-10 to 1-17 2 to 3, All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.16		The EIS will demonstrate whether the project would unduly prejudice the ecosystemic integrity of the Nunavut.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7	1-15 to 1-31, 2-11 to 2-25 4-26 to 4-62, 5-131 to 5-242, 6-37 to 6-82, 7-18 to 7-63, 8-32 to 8-94, 9-30 to 9-58, 10-22 to 10-54 1-41 to 1-56, 4-26 to 4-59, 5-14 to 5-38, 6-44 to 6-70, 7-34 to 7-57 2-16 to 2-41, 3-12 to 3-33, 4-40 to 4-52, 5-22 to 5-34, 6-20 to 6-50, 7-15 to 7-37 1-15 to 1-29, 3-42 to 3-124, 4-33 to 4-82, 5-23 to 5-61
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.17		The EIS will demonstrate whether the proposal reflects the priorities and values of the residents of the Nunavut Settlement Area.		1 10	1 26,28	1.4 All	1-3 to 1-5 All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.18		The EIS will demonstrate steps which the proponent proposed to take to avoid and mitigate adverse impacts.	Yes	1 4 5 6 7 8 40 10 Addendum 10	7, 10, 11 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All All All All All All All	All All All All All All All All All
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.19		The EIS will demonstrate steps which the Proponent proposes to take, or that should be taken, to compensate interests adversely affected by the project.		3	1	1.3.1.1, 1.5.3.3	1-5 to 1-6, 1-28 to 1-36
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.20		The Proponent will post performance bonds.		10	29	1.6.1, 1.7	2 to 5, 7 to 9
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.21		The EIS will contain the monitoring program that the Proponent proposes to establish, or that should be established for ecosystemic and socio-economic impacts.	Yes	1 40 10 Addendum 10	10 All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All All	All All All All

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	Section	Subsection						
3.0 SCOPE OF THE NIRB ASSESSMENT	3.1 NLCA - SECTIONS 12.5.2 AND 12.5.22		The EIS will contain steps which the Proponent proposes to take, or that should be taken, to restore ecosystemic integrity following project abandonment.		1 2 10	9 8 29	All All 3, 4, 5, 6	All All 14 to 29
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.1 PRESENTATION		The Proponent shall provide an EIS that is complete and which provides sufficient information to identify, describe and determine the significance of potential impacts to the ecosystemic and socio-economic environments that could arise from the Project. The EIS should include scientific works, subject-specific studies and all other sources of information covering all aspects of the Project in regards to ecosystemic and socio-economic perspectives.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.1 PRESENTATION		For clarity and ease of reference, the EIS should be presented in the same order as the EIS Guidelines. However, the NIRB recognizes that flexibility in the arrangement of the document may be required and the Proponent is encouraged to use its judgment and best practices in designing a document that is arranged and formatted to facilitate ease of reviewing while ensuring that all the information requested in these Guidelines are provided. In the interest of brevity, the EIS should make reference to, rather than repeat, information that may be presented in other sections of the document.		All	All	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.1 PRESENTATION		An index of the EIS document is also required and must provide a reference to the locations of required information by volume, section, sub-section, and page number.		1	Appendices V1-7, V1-8	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.1 PRESENTATION		The EIS shall be made available to the NIRB electronically on searchable CD-ROM and/or memory stick, as well as in hard copy. If the Proponent chooses to submit the EIS via memory stick only, it shall be responsible to provide CD-ROM versions of the EIS if requested by the NIRB or parties.		-	-	-	N/A
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.1 PRESENTATION		For purposes of uploading distribution, individual file sizes should be no larger than 5 MB in size (using only low resolution images). If the Proponent determines that certain files are better presented with larger resolution, then these files should be submitted to the NIRB, however it should be noted that these files may only be distributed by the NIRB upon request, and that in this case, the Proponent may be required to provide hard copy mailings of such items.		-	-	-	N/A
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.1 PRESENTATION		Where certain volumes or sections of the EIS may exceed the 5 MB limit, the Proponent is required to break these files into manageable sizes for submission to the NIRB, in a manner that facilitates parties' ease of navigation of such files.		-	-	-	N/A
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.2 CONFORMITY		The EIS shall contain a concordance table directing reviewers to the location (volume/document, section, sub-section, and page number) where specific information addressing the Guidelines and the NIRB's Minimum EIS Requirements may be found.		1	Appendix V1-1	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.2 CONFORMITY		For each item in the concordance table, the Proponent is also requested to provide a reference to the appropriate EIS Guideline section for the ease of parties' review.		1	Appendix V1-1	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.2 CONFORMITY		This concordance table shall further include, where applicable, an indication of what information, details, or data the Proponent has deferred from its current submission and which it plans to include in the Final EIS. Where the Proponent is unable to provide information until submission of a Final EIS, it shall further provide within the concordance table, its rationale for deferring the inclusion of such information.		1	Appendix V1-1	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.2 CONFORMITY		It is possible that the EIS Guidelines include matters that, in the judgement of the Proponent, are not relevant or significant to the Project. If that definition of such matters results in omissions from the EIS, those instances must be clearly indicated and the Proponent should explain and justify its reasoning for each omission identified, so that the public and other interested parties have an opportunity to comment on this judgement. Where any differences in direction are encountered between the NIRB's most recent guidance on the preparation of EIS documentation (Guide 7 (NIRB, 2006b) or any subsequent replacement Guide in force at the time the EIS is being prepared) and the EIS Guidelines issued pursuant to the NLCA Section 12.5.2, the Proponent may be required to provide the additional information. The Proponent is advised to consult with the NIRB on any direction presented within these Guidelines on which it plans significant deviation.		Noted	-	-	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.3 LENGTH		The Proponent's EIS Main Document (i.e., Volume I) shall be concise and not exceed 150 pages without permission from the NIRB. The 150 page limit shall not include: the Title Page, Executive Summary, Popular Summary, Glossary, Table of Contents, Concordance Table, Consultants and Organizations, Appendix, and References.		1	All	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.3 LENGTH		Any data of a detailed nature shall be contained in separate volumes as appendices and technical reports submitted in support of the main document.	Yes	2, 3, 4, 5, 6, 7, 8, 9, 40 10 Addendum 10	All All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All All	All All All All

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Part	Guidelines Section	Subsection	Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.3 LENGTH		The Proponent must submit a list of all documents, supporting maps, figures, documents, and tables used as reference materials throughout the EIS.		1	Appendices V1-7, V1-8	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall have sections numbered and be presented in a fully functional PDF format which supports electronic linkages between and among the Table of Contents and associated sections within the EIS document(s).		All	All	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The digital EIS document must be fully indexed and searchable using keywords.		All	All	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a cover sheet with a Project description.		1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Cover	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain an executive summary (in English, Inuinnaqtun and Inuktitut).		1	Executive Summary	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a plain language summary/popular summary (in English, Inuinnaqtun and Inuktitut).		1	Plain Language Summary	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a glossary (in English, Inuinnaqtun and Inuktitut).		1	Glossary	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a Table of Contents.		All	Table of Contents	-	N/A
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a concordance table which lists each of the Guideline requirements and the associated location of each within the EIS.		1	Appendix V1-1	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a purpose of, and need for, the Project.		2	1	1.8	1-10 to 1-17
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a detailed Project description including potential future development.		2	2 3 6 7 8	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain alternatives considered in the development of the Project proposal.		2	4	4.1, 4.2, 4.3	4-1 to 4-29
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a discussion of the public consultation initiatives with the communities potentially affected by the Project. Provide the results of the public consultation, as well as evidence that community concerns were addressed in the planning of the Project activities.	Yes	3 Addendum 3	1 1	1.3, 1.4, 1.5, 1.6, Table 1.6-1, 1.7, Appendices V3-1A, V3-1B, V3-1C, V3-1E, V3-1G Addendum Appendices V3-1A, V3-1B, V3-1C	1-5 to 1-48, All All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain baseline information and studies of the existing ecosystem and socio-economic environment.		4 5 6 7 8	All	X.1	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain anticipated ecosystemic and socio-economic impacts of the Project proposal, including potential impacts on the VECs and VSECs (and as identified through the public consultation process).		3 4 5 6 7 8	1 1, 2 4, 5, 6, 7, 8, 9, 10 1, 3, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	1.6.2 All All All All All	1-37 to 1-38 All All All All All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain anticipated effects of the environment on the Project.		9	2	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain anticipated cumulative effects of the Project on the region/regions.	Yes	4 5 6 7 8 Addendum 5	1, 2 4, 5, 6, 7, 8, 9, 10 1, 3, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 5	X.6 X.6 X.6 X.6 X.6 X.6 5.5	1-29 to 1-31, 2-23 to 2-25 4-55 to 4-62, 5-197 to 5-1242, 6-69 to 6-82, 7-50 to 7-63, 8-70 to 8-94, 9-55 to 9-58, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57 2-39 to 2-41, 3-30 to 3-32, 4-50 to 4-52, 5-232 to 5-34, 6-35 to 6-39 to 6-48, 7-36 1-29, 3-104 to 3-120, 4-60 to 4-78, 5-61 5-21 to 5-59

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4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain anticipated transboundary effects.	Yes	4 5 6 7 8 Addendum 5	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 5	X.7 X.7 X.7 X.7 X.7 5.5	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 5-21 to 5-59
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain anticipated accidents and malfunctions, and potential effects on the environment, include contingency plans and mitigation measures.	Yes	9 40 10 Addendum 10	3, Appendix V9-3A 3- 6 44 45 3 14 15 6	All, All 4.1, 4.3 8-9 8-4 9 4.1, 4.3 8.4 9 10, 11	All, All 13 to 17, 27 to 35 23 to 34 19 to 24 16 to 18 13 to 17, 27 to 35 19 to 21 16 to 18 10-1 to 10-6, 11-1 to 11-4
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain steps which the Proponent proposes to take to avoid and/or mitigate adverse impacts, including contingency plans (spills, fires, floods, etc.) and adaptive management strategies.	Yes	1 4 5 6 7 8 40 10 Addendum 10	7, 10, 11 1, 2 4, 5, 6, 7, 8, 9, 10 1, 3, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All All All All All All All	All All All All All All All All All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a statement of residual impacts and significance.		1 4 5 6 7 8	6, 8 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All 1.5.5, 1.10, 2.5.5, 2.10 4.5, 6.5, 7.5, 8.5, 9.5, 10.5 1.5.5, 1.9, 4.5.5, 4.10, 5.5.5, 5.10, 6.5.5, 6.10, 7.5.5, 7.10 2.5.5, 2.10, 3.5.5, 3.10, 4.5.4, 4.10, 5.5.5., 5.10, 6.5.5, 6.10, 7.5.4, 7.10 1.5.5, 1.10, 3.5.6, 3.10, 4.5.5, 4.10, 5.5.5, 5.10	1-28 to 1-29, 1-33, 2-23, 2-27 4-26 to 4-55, 5-131 to 5-197, 6-37 to 6-69, 7-18 to 7-50, 8-22 to 8-70, 9-30 to 9-55, 10-51 1-52 to 1-55, 1-57, 4-56 to 4-57, 4-63, 5-35 to 5-37, 5-42, 6-70, 6-74, 7-56, 7-61 2-39, 2-45, 3-30, 3-36, 4-49, 4-54, 5-22 to 5-32, 5-37, 6-20 to 6-36, 6-55, 7-36, 7-42 1-26 to 1-29, 1-31, 3-101 to 3-104, 3-130, 4-57 to 4-60, 4-85, 5-61, 5-62
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain steps which the Proponent intends to undertake in order to restore the area affected by the Project activities during operation and upon project closure, reclamation and relinquishment of leased land to original landowners.		1 2 10	9 8 29	All All 3, 4, 5, 6	All All 14 to 29
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain steps which the Proponent proposes to take to optimize benefits of the Project, with specific consideration being given to expressed community and regional interests.		2 3	5 1	All 1.6.3	All 1-39 to 1-48
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain the monitoring program that the Proponent proposes to establish.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain the interests in lands and waters which the Proponent has secured, or seeks to secure.		1	Appendix V1-3	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain lists of permits, licences and authorizations required to undertake the Project proposal.		1	Appendix V1-2	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a list of consultants or individuals who assisted in preparation of the EIS.		1	Appendix V1-4	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain a list of agencies, organizations, and persons to whom copies of the EIS will be sent.		1	Appendix V1-5	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain an index.		1	Appendix V1-7	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.4 FORMAT		The EIS shall contain supporting documentation and appendices, including a commitments table that summarizes the proposed mitigation and other company commitments with cross reference to environmental issues or potential impacts.		1	Appendix V1-6	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.5 DATA PRESENTATION		The Proponent shall provide charts, diagrams, photographs, and maps (each of which clearly defines land ownership, provides a scale and indicates a north arrow) within the EIS document.	Yes	1, 2, 3, 4, 5, 6, 7, 8, 9, 40 10 Addendum 10	All All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All All	All All All All

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4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.5 DATA PRESENTATION			The Proponent shall include maps or diagrams showing all project related infrastructure and/or activities (e.g., RSA, LSA, camp sites, drilling activities, dock sites, fuel storage and laydown areas, mine site and infrastructure, transportation routes including ground transport, marine shipping and air transport, borrow pits and quarry sites, etc.). It is recommended that maps be scaled appropriately to best present materials and where feasible, to be of a common scale and projection to facilitate comparison.	Yes	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Addendum 10	All All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All All	All All All All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.5 DATA PRESENTATION			All charts, diagrams, photographs, and maps must be clearly referenced in the text of the EIS, especially where these may be included in a separate volume to the main EIS document.	Yes	1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Addendum 10	All All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All All	All All All All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.6 SUMMARIES	4.6.1 Executive Summary (in English, Inuinnaqtun, and Inuktitut)		The Proponent shall prepare an Executive Summary that describes the key Project elements and key findings of the EIS, with particular reference to the overall conclusions of the assessment, and a clear rationale relating those conclusions to the predicted impacts and the measures proposed to address them. The Executive Summary shall focus on items of known or expected public concern and the significant potential impacts of the Project and the methods proposed to address them. It shall also address outstanding issues and the strategies proposed to address them. The Executive Summary shall form part of the EIS, but it shall also be made available as a stand-alone document and must be provided in English, Inuinnaqtun and Inuktitut.		1	Executive Summary	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.6 SUMMARIES	4.6.2 Popular Summary (in English, Inuinnaqtun, and Inuktitut)		The Popular Summary shall have the same general structure and objectives as the Executive Summary, but is to be written in non-technical language and include such things as a glossary and additional explanatory text to assist non-specialists in appreciating the content of the EIS as a whole. Maps indicating major project components including shipping and ground transportation route(s), as well as the potentially affected communities shall be included, and the summary is to be provided in English, Inuinnaqtun and Inuktitut. The Popular Summary shall form part of the EIS, but it shall also be made available as a stand-alone document.		1	Plain Language Summary	All	All
4.0 GUIDANCE ON THE PRESENTATION OF THE ENVIRONMENTAL IMPACT STATEMENT	4.7 TRANSLATION			In addition to the Executive Summary, Popular Summary and Glossary being presented in English, Inuinnaqtun and Inuktitut within the EIS, the summary for each thematic volume shall also be translated into Inuinnaqtun and Inuktitut. If these summaries are included in a separate binder, this binder must be referenced within the EIS and be compiled for ease of reference. Maps shall indicate common and accepted place-names usually referred to by the local populations in their own language(s), in addition to official toponyms, especially where traditional Inuit place-names have been made official through the process outlined in Section 33.9 of the NLCA.		2, 3, 4, 5, 6, 7, 8, 9	Executive Summary	-	N/A
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall identify itself and explain current and proposed ownership of rights and interests in the Project, operational arrangements, and corporate and management structures.		2	1	1.1, 1.3	1-1, 1-2
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall specify the mechanisms used to ensure that corporate policies are respected.		2	1	1.1	1-1
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall present its environmental policy and shall specify how it applies to all businesses for which the Proponent has an operational responsibility (i.e., employees, contractors, subcontractors and suppliers), as well as describe its environmental reporting systems.		2	9	All	All
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall provide complete contact information, including telephone and fax numbers, postal and email addresses, and shall include, where necessary, separate addresses for its corporate, operations, or other relevant offices.		2	1	1.1 1.5.3.3	1-1 1-28
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall describe its past and/or present experience in the activities being proposed for the Project (e.g. exploration, open pit and underground mining, transportation networks involving air shipping, marine shipping, and winter and all-weather road components, etc.).		2	1	1.1, 1.7	1-1, 1-6 to 1-10
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall identify its record of compliance with governmental policies and regulations pertaining to environmental and socio-economic issues in past operations.		2	1	1.1	1-1
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall identify its operation safety, major accidents, spills and emergencies, and corresponding responses.		2	1	1.1	1-1
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall identify its record in honouring commitments on environmental and socio-economic matters in the event of planned or premature Project closure, whether temporary or permanent, or due to change of ownership.		2	1	1.1, 1.5	1-1, 1-2
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall identify its relations with Aboriginal peoples, including prior experience with any Impact and Benefits Agreements if appropriate.		2	1	1.1, 1.8	1-1, 1-10 to 1-17
5.0 INTRODUCTION	5.1 PROPONENT INFORMATION			The Proponent shall identify its operations in Arctic and Sub-arctic regions.		2	1	1.2	1-2

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	Section	Subsection						
5.0 INTRODUCTION	5.1 PROponent INFORMATION		The Proponent shall identify its record in incorporating environmental and socio-economic considerations into construction, operations, maintenance, temporary closure (care & maintenance), final closure (decommission & reclamation), and post-closure.		2	1	1.1	1-1
5.0 INTRODUCTION	5.1 PROponent INFORMATION		The Proponent shall identify corrective actions undertaken in the past, distinguishing between those taken voluntarily and those taken at the insistence of a third party.		2	1	1.1	1-1
5.0 INTRODUCTION	5.1 PROponent INFORMATION		The Proponent shall identify and describe any obligations or requirements that it must meet to post a bond or other forms of financial security to ensure payment of compensation in the event of accidents that directly or indirectly result in major damage by the Project to the environment, as well as to cover the cost of planned or premature closure, whether temporary or permanent.		2	1	1.1	1-1
5.0 INTRODUCTION	5.1 PROponent INFORMATION		The Proponent shall provide information on the current status of Project financing, and financial preparedness to meet the requirements for reclamation and security should the Project proceed.		2	1, 8	1.1, 8.2, 8.3	1-1, 8-2, 8-2 to 8-4
5.0 INTRODUCTION	5.1 PROponent INFORMATION		If the Proponent does not have prior experience in exploration, mining, or transportation networks, particularly within this region, discussion should include how the experience will be obtained (e.g., other northern projects) and it shall explain the safeguards that it intends to put in place to compensate for a lack of experience.		1	Exec. Summary, 1	Exec. Summary, 1.1	lxi, 1-2
5.0 INTRODUCTION	5.2 REGULATORY REGIME		The Proponent shall present its understanding of the applicable regulatory regime by identifying the requirements of all relevant federal, territorial, and local environmental and socio-economic standards, laws, regulations, policies, guidelines and fiscal regimes relating to Project approval, construction, operations, maintenance and monitoring, temporary closure (care & maintenance), final closure (decommission & reclamation), and post-closure activities. This section should also explain how the requirements would be met and what specific governmental permits and approvals would be required. A list of currently held and required permits and licences, including dates of issue and expiry (as applicable), shall be appended. Requirements imposed by Article 12 of the NLCA may be excluded from this discussion.		2	1, 2	1.5, 2.3	1-2, 2-6 to 2-7
5.0 INTRODUCTION	5.3 REGIONAL CONTEXT		The Proponent shall describe in general terms the regional biophysical and socio-economic environments of the Kitikmeot Region and Nunavut as a whole, including: ecological land classifications, ecological processes and relationships, the location of other base and precious metal finds and other existing and potential developments, and current and future land use plans.		2 8	1 3	1.2 3.1, 3.6.2	1-2 3-1 to 3-25, 3-112
5.0 INTRODUCTION	5.4 LAND TENURE		The Proponent shall delineate on a map of suitable scale the legal boundaries of any areas to which it will acquire rights through lease or other tenure arrangements, including Crown land, Inuit Owned Land, and Commissioner's land. It shall further describe those areas by providing such information including, but not limited to, file numbers, start and end dates, fees, name of right holder and any post-authorization amendments and/or renewals. Ongoing exploration activities should be discussed wherever applicable to the discussion of Project land tenure.		2	1	1.3	1-2
5.0 INTRODUCTION	5.5 ANALYSIS OF NEED AND PURPOSE OF THE PROJECT		The Proponent will address general feasibility from an economic perspective, including how this Project will benefit communities in Nunavut, either directly or indirectly.		2 8	1, 5 3	1.8, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8, 5.9 All	1-10 to 1-17, 5-1 to 5-4 All
5.0 INTRODUCTION	5.5 ANALYSIS OF NEED AND PURPOSE OF THE PROJECT		The Proponent will assess the longer term strategic implications of the Project, and how it may affect or lend to transportation networks (existing and proposed) in Nunavut.		2	1	1.8	1-10 to 1-17
5.0 INTRODUCTION	5.5 ANALYSIS OF NEED AND PURPOSE OF THE PROJECT		The Proponent will identify past, current and potential future users of the local study area (LSA), regional study area (RSA), and project infrastructure, including commercial, government, public, and private.		2 8	1, 2 3	1.8, 2.1.9 3.6	1-10 to 1-17, 2-5 to 2-6 3-104 to 3-120
5.0 INTRODUCTION	5.5 ANALYSIS OF NEED AND PURPOSE OF THE PROJECT		The Proponent will analyze the overall net benefit of the Project in terms of Nunavut and of Canada as a whole, which includes considerations that are not related to economics.		2 8	1, 5 3	1.8, 5.1, 5.2, 5.3, 5.4, 5.5 3.10	1-10 to 1-17, 5-1 to 5-3 3-130
5.0 INTRODUCTION	5.5 ANALYSIS OF NEED AND PURPOSE OF THE PROJECT		Discussions addressing the preceding four points shall be supported by an analysis of the positive and negative social and economic effects on existing industries, markets, and communities over the life of the Project.		8	1, 3, 4, 5	1.6, 3.6, 4.6, 5.6	1-29, 3-104 to 3-120, 4-60 to 4-78, 5-61
5.0 INTRODUCTION	5.5 ANALYSIS OF NEED AND PURPOSE OF THE PROJECT		The analysis should also indicate the distribution and magnitude of benefits and/or losses to specific socio-economic groups in the relevant study area.		2 8	5 1, 3, 4, 5	5.1, 5.2, 5.3, 5.4, 5.5, 5.7 1.6, 3.6, 4.6, 5.6	5-1 to 5-3 1-29, 3-104 to 3-120, 4-60 to 4-78, 5-61
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall include an explanation of how the biophysical environment has influenced the design of the Project. This should include consideration of relevant geographical, geological, meteorological, hydrological, hydrogeological and oceanographic conditions.		9	2	All	All

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall include a discussion on how the potential of climate change based on current knowledge and its effects on the physical environment (e.g. hydrological regime, permafrost, coastal processes) has influenced the design, planning and management of the Project components and activities. Identification of Project sensitivity to changes in specific climate-related parameters should also be included.		2 9	2 2	2.1.2 2.15, 2.16	2-1 2-18 to 2-19, 2-19
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall include a discussion of how design, engineering, and management plans will maintain/enhance the existing eco-systemic integrity, focusing on various wildlife habitats, including freshwater habitat, marine habitat, and terrestrial habitat.	Yes	40 10 Addendum 10	4- 20 1 20	4 6 1 6	4-1 to 4-3 7 to 47 1-1 to 1-3 6-1 to 7-1
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall include a discussion of how the Proponent has applied the precautionary principle in its Project planning, design and management.		2 10	2 1	2.1.4 4.1	2-2 to 2-3 5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall include a discussion of how potential impacts to workers and the public under both normal operations and potential accident and malfunction situations have influenced the design of the Project.		9 10	3 25	All All	All All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall describe how potential impacts to wildlife (e.g., caribou, polar bear and peregrine falcons) have influenced the design of the Project, indicating methods designed to minimize impacts to wildlife, including the geographical location of project components. Special attention should be paid to the influence of raptor habitat on the selection of borrow pits and quarry sites (where applicable).		5 7	5, 6, 7, 8, 9, 10 6, 7	X.5.3, 5.5.8 6.5.3, 7.5.3	5-77 to 5-79, 5-147 to 5-152, 6-30 to 6-31, 6-76 to 6-81, 7-15 to 7-15, 7-61 to 7-64, 8-28 to 8-29, 8-88 to 8-92, 9-28 to 9-29, 9-56 to 9-60, 10-17 to 10-18, 10-50 to 10-54 6-36 to 6-39, 7-34 to 7-36
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall describe how regional socio-economic conditions have influenced the Project design. For example, how local preferences and labour capacity, have influenced the design of work rotations, pace of construction, employment policy, etc.		2 8 10	2, 4 3, 4 28	2.1.7, 4.1.6 All 7.1.3, 7.1.4, 7.1.5, 7.2, 7.3	2-4 to 2-5, 4-3 All 10 to 18
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall describe how the distribution of archaeological resources, sacred sites, and soapstone quarries have influenced project design.		2 5 8	2 1 1	2.1.8 1.2 1.5, Appendix V8-1A	2-5 1-14 to 1-15 1-15 to 1-29, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall describe how current land use activities such as harvesting, camping, and tourism, as well as protected areas (i.e. Bird and Wildlife Sanctuaries) have influenced project design.		5 7 8	5, 6, 7, 8, 9, 10 5, 6, 7 4	X.5.3, 5.5.8 5.5.3, 6.5.3, 7.5.3 4.1, 4.2, 4.3	5-145, 5-147, 6-56, 7-40, 8-58, 9-50, 10-45 5-29 to 5-31, 6-36 to 6-39, 7-34 to 7-36 4-1 to 4-33
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall describe how public consultation and TK have influenced the planning and design of the Project.		3	1, 3	1.6.2, 1.6.3, 3.1, 3.3	1-37 to 1-38, 1-39 to 1-47, 3-1 to 3-43, 3-50 to 3-53
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall include considerations for future development.		2	3	All	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.1 PROJECT DESIGN		All assumptions underlying design features which are relevant to environmental assessment should be explicitly identified.		2 4 5, 6, 7, 8 9	2 1, 2, 3 X 2	2.1 1.1, 1.2, 1.5.2.2, 2.1.1, 3.4.1.2 X.8 X.8 X.8 X.8 All	1-31 to 1-33, 2-1, 3-41 1-1 to 1-11, 1-22 to 1-27, 2-1, 3-34 to 3-36, 4-62 to 4-63, 5-242 to 5-246, 6-82 to 6-88, 7-63 to 7-66, 8-94 to 8-98, 9-58 to 9-62, 10-54 to 10-57, 1-56 to 1-57, 4-59 to 4-62, 5-38 to 5-41, 6-71 to 6-74, 7-57 to 7-60 2-41 to 2-45, 3-33 to 3-36, 4-52 to 4-54, 5-34 to 5-37, 6-50 to 6-53, 7-37 to 7-40, 1-29 to 1-30, 3-124 to 3-128, 4-82 to 4-84, 5-61 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.2 PROJECT PHASES		The Proponent is required to present an overall development plan describing the Project development phases (site preparation, construction, operation, maintenance, any potential modifications, temporary closure, final closure, and post-closure), relevant timeframes, works and undertakings associated with each of these phases.		2	2	2.2, All	2-6, 6-1 to 8-10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.2 PROJECT PHASES		The plan must consider for temporary closure, or care & maintenance in the possibility that operations are unexpectedly suspended.		10	29	3	14 to 17
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.2 PROJECT PHASES		The Proponent should identify all associated monitoring and/or mitigation plans to be implemented in each of the development phases to eliminate or minimize adverse effects that might occur at various project stages for each Project element.		10	1	13	15 to 20
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.3 FUTURE DEVELOPMENT		The Proponent shall describe its plans for development of the Project, and shall further, evaluate any foreseeable expansions of the current Project, needs for required or additional infrastructure and the associated eco-systemic and socio-economic impacts.		2	3	All	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.3 FUTURE DEVELOPMENT		The Proponent shall evaluate the potential for development of additional ore deposits in the Project area in accordance with previous and current exploration activities. Such an evaluation should be based on the Proponent's business and strategic plans for the Project, other predictions and the comparable development realized by projects of a similar nature.		2	3	All	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.3 FUTURE DEVELOPMENT		The Proponent shall discuss how their foreseeable future developments scenarios have been taken into consideration when designing the infrastructure and ancillary utilities for the Back River project.		2	3	All	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.3 FUTURE DEVELOPMENT		The Proponent's assessment of cumulative impacts of the Project shall also include their future development outlined in the preceding scenarios.		1 9	8 1	All 1.3.4.1, 1.3.4.2	All 1-39 to 1-49

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			The EIS shall include an explicit analysis of all alternative means of carrying out the Project components or activities, including a "no-go" alternative, the identification and application of criteria used to determine the technical feasibility and economic viability of the alternatives to the Project (e.g. transportation, natural, social, economic and cultural environment).		2	4	4	4-1 to 4-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			This analysis must be done to a level of detail which is sufficient to allow the NIRB and the public to compare the Project with the alternatives in terms of the economic and environmental costs, as well as the social and economic impacts and/or benefits.		2	4	4	4-1 to 4-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			The Proponent must include reasons for selection of the Project as the preferred alternative, and the reasons for the rejection of other alternatives.		2	4	4	4-1 to 4-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			The reasoning should outline the environmental and social impacts and benefits in addition to the economic costs of non-viable or rejected alternatives.		2	4	4	4-1 to 4-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			Through the course of its alternative assessment, if the preferred option changes, the Proponent should consult with the NIRB to determine whether this proposed change would result in a change to the scope of the Project as filed with the Board.		2	4	4	4-1 to 4-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			The EIS shall present alternatives for all Project components. The Proponent is encouraged to refer to Environment Canada's Guidelines for the Assessment of Alternatives for Mine Waste Disposal (September 2011), when assessing and presenting alternatives for mine waste management, including tailings and waste rock storage options, with a focus on the following:		2	4	4	4-1 to 4-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			i. Options proposed for the transportation of supplies to the Project site via air and marine shipment,		2	4	4.2.2	4-4 to 4-8
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			ii. The location of tank farm(s) and storage facilities on site,		2	4	4.3.9	4-27
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			iii. Options for proposed airstrips,		2	4	4.2.2.1, 4.2.2.2	4-4 to 4-5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			iv. Options for quarry sites,		2	4	4.3.2	4-23 to 4-24
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			v. Options for water sources,		2	4	4.3.4.1	4-24 to 4-25
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			vi. Access to all identified ore deposits by underground or open pit methods and include potential infrastructure layouts,		2	4	4.2.3, 4.2.7	4-8 to 4-9, 4-18
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			vii. Alternative road access to all identified ore deposits for transportation or ore and equipment required at each deposit,		2	4	4.2.2.4, 4.2.2.5, 4.2.3	4-7 to 4-9
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			viii. Alternatives for processing the ore,		2	4	4.2.4	4-9 to 4-11
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			ix. Alternatives for cyanide,		2	4	4.2.4.2, 4.2.9.5	4-10, 4-21
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			x. Alternatives for tailings storage,		2	4	4.2.5	4-11 to 4-16
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			xi. Alternatives to diesel power generation, including solar energy, wind energy, hydro and geothermal energy, etc.,		2	4	4.2.10	4-21 to 4-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			xii. Closure and reclamation options,		2	4	4.2.11	4-22 to 4-23
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			xiii. Mine waste management and disposal,		2	4	4.2.6	4-16 to 4-18
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			xiv. Waste rock storage/disposal alternatives,		2	4	4.2.5.5, 4.2.6	4-16 to 4-18
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			xv. Methods for site water treatment (i.e., mill, sewage, tailings, storm water, etc.), and		2	4	4.2.9, 4.3.7	4-19 to 4-21, 4-27
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			xvi. Methods for mine de-watering.		2	4	4.2.9, 7.2.4.4, 7.2.5.6, 7.10	4-19 to 4-21, 7-19 to 7-20, 7-23 to 7-24, 7-42 to 7-48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			The Proponent shall provide a detailed assessment of alternatives to the preferred option of a Proponent-owned all-weather road from the Back River site to a laydown area at Bathurst Inlet, including consideration for other potential users of such facilities at any point in the project lifecycle (public users, other development proponents, etc).		2	4	4.2.2.3	4-6 to 4-7
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			The Proponent shall also examine alternative options facilitating the transportation of materials, for example, alternative port locations, road options (routing, winter vs. all-season) and ownership scenarios. Specifically, the Proponent shall describe any plans to utilize the proposed Bathurst Inlet Port and Road (BIPR) project infrastructure (NIRB File No. 03UN114) rather than a purpose-built road owned by the Proponent. In any instance where there is more than one preferred option identified, the Proponent must be prepared to support each with an appropriate level of impact assessment.		2	4	4.2.2, 4.2.8	4-4 to 4-8, 4-18 to 4-19
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES			In all cases, the Proponent must provide adequate supporting assessment to justify the discounting of technical feasible options or alternatives for project components. If at any point the Proponent wishes to change the preferred option to an identified alternative, this must be formally submitted to the NIRB for consideration and the possible amendment of these EIS Guidelines.		2	4	4, Appendix V2-4A, Appendix V2-4C	4-1 to 4-29, All, All

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES		In its assessment of the economic viability for each alternative option, the Proponent shall give due consideration to the vulnerability of the arctic ecosystem, as well as the potential for extension of the life of the Project. The criteria used to evaluate alternative means should reflect the potential concern for both the short-term (during construction and operations) and long-term (after decommissioning and reclamation), physical/chemical stability and environmental impacts of the Project.		2	4	4.1, Appendix V2-4A, Appendix V2-4C	4-1 to 4-3, All, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES		The potential for impacts from each alternative under consideration should be discussed within the context of potential interactions with other past, present and reasonably foreseeable developments in the RSA (i.e. cumulative effects), in accordance with Section 7.11. The potential cumulative effects for each alternative should be presented in enough detail so as to be comparable with the assessment for the identified "preferred alternative".		2 9	4 1	All 1.3.4, 1.3.5	4-1 to 4-29 1-39 to 1-51
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.4 ALTERNATIVES		As indicated in the public consultation section (Section 7.1), public opinions and preferences shall also be taken into consideration as a criterion in the assessment for all of the alternative options. Therefore, the alternative analyses shall include a discussion on how public consultation has influenced Project design and planning, and how public preferences have been considered by the Proponent in determining the preferred project alternatives.		2 3	4 1	4.1.5, 4.1.6, Appendix V2-4A, Appendix V2-4C 1.6	4-2 to 4-3, All, All 1-36 to 1-48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		The EIS shall include a description of the various economic components of the Project and its interactions with the over-arching economic and governing environments, including:		-	-	-	-
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		i. Non-confidential information pertaining to the potential taxation revenue to be contributed to the Federal and Territorial governments as well as anticipated royalties to be paid to NTI,		8	3	3.5.2, Appendix V8-3B	3-46 to 3-48, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		ii. Estimates of initial property value as well as projections that incorporate the Proponent's expected timeline for expansions (i.e., tank farms, plans, additional mines, etc.),		2 8	5, 6 3	5.1, 6.7 3.5.3.1	5-1, 6-40 3-48 to 3-61
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		iii. Potential employment available directly through the Project in terms of available labour and employment rates within the project RSA,		8	3	3.1.2.2, 3.3.1, Appendix V8-3B	3-3 to 3-6, 3-27 to 3-29, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		iv. An evaluation of the positive impacts that may result from increasing revenues accruing through taxes to governments as resulting from the Project,		8	3	3.5	3-42 to 3-104
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		v. An annual and project-life total estimate of the volume of fuel that is expected to be sourced from the GN and/or from other sources,	Yes	40 Addendum 10	4 4	6.2, 6.3, 6.4, 6.5 6.2, 6.3, 6.4, 6.5	4 to 44 6-1 to 6-8
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		vi. An estimate of total payroll tax to be paid each year and associated cost of living tax credit, taking into account: total remuneration per year paid to employees, an estimate of the number of employees (number of individuals and number of full-time equivalents), average wages paid to employees, and expected number of Project employees who will file taxes in the territory,		8	3	3.5.3.1, 3.5.3.3	3-48 to 3-61, 3-64 to 3-80
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		vii. An estimate of annual personal income tax based on: expected number of employees who will file taxes in Nunavut, and estimated salaries for these employees,		8	3	3.5.3.1, 3.5.3.3	3-48 to 3-61, 3-64 to 3-80
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		viii. An estimate of corporate income tax including: estimates of commodity prices and production, estimated number of years of production before initial corporate income tax payment, and an explanation of how the Proponent expects to allocate its corporate taxable income to permanent establishments in Nunavut,		8	3	3.5.2.2, Figure 3.5-2, Figure 3.5-4, Figure 3.5-5	3-47 to 3-48, 3-53, 3-58, 3-59
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		ix. Capital costs, estimated operating costs, and the total expected revenues (using a range of market values),		8	3	3.5.3.1	3-48 to 3-61
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		x. The number of person years of work, broken down by Project life cycle stage including the number and types of jobs and required skills (using a recognized classification system) including training requirements for each position as well as an estimate of jobs created indirectly by the Project (i.e., local business and supply contracting),		8	3	3.5.3.2, 3.5.3.3, 3.5.3.4	3-61 to 3-84
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		xi. Information on benefits that might be expected by employees and whether these benefits will extend to contractor employees (e.g., training, skill enhancement, cultural support, wellness programs),		10	28	7.1, 7.3	9 to 13, 15 to 18
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		xii. Contracting and procurement information including, an estimate of the number and types of jobs that will be done by contractors and what, if any, the contractor obligations to employees will be,		8	3	3.5.3.2, 3.5.3.3	3-61 to 3-80
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		xiii. Employee housing, including number of employees expected to be residing onsite or in workers' camp(s), on-site services and facilities for workers, transportation to/from work and proposed work schedule,		2	5	5.6	5-2
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		xiv. A discussion of the commuting arrangements for locally hired employees, and how the Proponent plans to support the fly-in/fly-out workforce with in-community liaison workers,		2 10	5 26	5.6 4, Table 7.1-1	5-2 to 5-3 4, 5

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		xv. An outline the scope, progress, and potential success of the development of an Inuit Impact and Benefit Agreement (IIBA) with the Kitikmeot Inuit Association. Discussion of potential IIBA negotiations should consider all potentially impacted communities within the RSA,		2	5	5.8	5-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		xvi. For issues within the IIBA that are not made public, the Proponent should outline how they will facilitate cooperation while maintaining any confidentiality, and		2 3	5 1	5.8, 5.9 1.5.3.3	5-3 1-33
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		xvii. Any issues related to compensation required as a result of the Project.		2	5	5.9	5-3 to 6.1
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		While some details relating to tax estimates and corporate profits are highly sensitive and it is recognized that certain information may be confidential and not be publicly available, the Proponent is encouraged to engage with the GN in order to share what information it can as it relates to the mechanics behind its corporate tax estimates (e.g. forecasts of commodity prices, assumptions regarding profits, etc.). The NIRB requests that information which may be available in other areas of the EIS be clarified as to the Proponent's estimation of any related tax impacts for clarity and ease of analysis.		8	3	3.5.2.2, Figure 3.5-2, Figure 3.5-4, Figure 3.5-5	3-47 to 3-48, 3-53, 3-58, 3-59
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		With respect to overall operating environment, many governance structures or other social components relating to community and territorial leadership can come to bear upon an operator such as Sabina. It is important to understand the Project in terms of the environment in which it operates. The Proponent shall therefore provide the following as it relates to governance and leadership in terms of the Project development:		2	5	5.9	5-3 to 6.1
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		i. A description of the current social and governmental regimes in the Project region, structure and functions of the governments, Inuit organizations, other co-management organizations and interactions among those organizations,		8	3	Appendix V8-3A	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		ii. A discussion of how potential conflict of interest will be managed in current governance regime during Project development,		2	5	5.9	5-3 to 6.1
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		iii. A discussion of how Project planning meets the needs of regional economic development plans (community wellness initiatives, Hamlet programs, housing etc.), where applicable, and which are managed by Federal and territorial governments agencies and Inuit organizations,		8	3	Appendix V8-3A	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		iv. A description of the Proponent's understanding on the roles that governments play in the process of the Project development, and associated requirements and obligations for proponents by policies and regulations,		8	3	Appendix V8-3A	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		v. A description of the roles of the various parties in socio-economic monitoring programs and the Kitikmeot Socio-Economic Monitoring Committee, and a description of how the Proponent anticipates contributing to this framework,		10	23	4	3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		vi. A discussion of efforts to be made by the Proponent within existing regulatory framework and government initiatives, in terms of education and skill training, community facility development, and other initiatives planned by the Proponent, and		10	28	7.3	15 to 18
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		vii. Other social and economic responsibilities of governments in the Project impacted regions.		2	5	5.9	5-3 to 6.1
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION		The Proponent shall describe the Project components and all activities associated with each component in a systematic way. This description shall encompass all phases of development in sufficient detail to allow the Proponent to predict potential adverse environmental effects and address public concerns about the Project, from site preparation through to construction, operations, maintenance, any potential modifications and/or expansions that may be required during the operations phase based on exploration results, temporary closure, final closure, and post closure activities.		2	All	All	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION		The description must include an approximate timeline for each Project component and all activities associated with each component, where applicable.		2	2	2.3.1, 4.2, 6.7, 6.6.13.5, 7.2.3, 7.2.4, 8.1	2-7, 4-3 to 4-23, 6-40, 7-14 to 7-20, 8-1 to 8-2
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION		The description shall also include changes that may occur in the vicinity as a consequence of the Project.		2 10	2 8	2.1 5, Appendix B	2-1 to 2-6 20 to 27, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION		Where specific codes of practice, guidelines, and/or policies may apply to items to be addressed, and particularly where these may involve thresholds and quantitative limits to be applied, those documents must be cited and may be included as appendices to the EIS.	Yes	2 40 10 Addendum 10	All All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All All	All All All All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION		For greater clarity, the detailed description of Project components and activities, where appropriate, shall cross-reference the impact assessment, environmental management and overall development plan sections of the EIS.		2	2	2.1	2-1 to 2-6 8-2 to 8-6

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1 Mine Sites on Goose Property and George Property			2	6	All	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	The Proponent shall describe the ore resources at each of the proposed mine sites, including where appropriate:		2	7	7.1	7-1 to 7-13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	i. Deposit locations, including detailed maps of the mine site areas using latitude and longitude coordinates,		2	7	7.1	7-1 to 7-13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	ii. Detailed structural geology maps,		2	7	7.1	7-1 to 7-13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	iii. The bedrock lithology and mineralogy in the Project area,		2	7	7.1	7-1 to 7-13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	iv. A description of the overburden including texture/grain size, moisture/ice content, and occurrence of ice lenses and implications for the Project,		2	6, 7	6.6.4, 6.6.13.3, 7.1.3, 7.14, 7.1.5	6-24 to 6-25, 6-34 to 6-38, 7-7 to 7-8, 7.8 to 7-13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	v. Fractures and their implications to the Project,		2	7	7.1.2.2, 7.1.3, 7.1.5	7-6, 7-7 to 7-8, 7-10 to 7-13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	vi. Types of the deposits and associated bedrocks,		2 5	2 1	2.1 1.1	2-1 to 2-6 1-1 to 1-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	vii. Average and range of ore grades estimated for the deposits,		2	7	7.1.2, 7.2.3, 7.2.8.1	7-5 to 7-7, 7-14 to 7-15, 7-28 to 7-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	viii. The nature, depth, and thickness of the ore deposits to be mined,		2	7	7.1.2	7-5 to 7-7
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	ix. The mineralogy and geochemistry of ore and waste rock including acid rock drainage (ARD) and metal leaching (ML) potential as well as the acid neutralizing potential, and		2 5	2, 7 2	2.1, 7.2.7.5, 7.2.8.3	2-1 to 2-6, 7-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralogy of the Ore Deposit	x. Ore body delineation.		2	7	7.1.2	7-5 to 7-7
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	The Proponent shall describe the ore mining, transportation and processing associated with the Project, using maps and diagrams whenever applicable, including the following details:		2	4, 7	4.2.5, 7.2, 7.9	4-11 to 4-16, 7-13 to 7-20, 7-40 to 7-42
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	i. A mining plan indicating the sequence of development for the proposed open pits and underground mines at Goose and George properties,		2	7	7.2.3	7-14 to 7-15
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	ii. A description of the open pits and underground mine design, mining methods, operation, and processing including site layout, mine water management, anticipated production rate, designed production capacity, production schedule, equipment selection, energy consumption and energy efficiency measures,		2	4, 7	6.6, 7.2, 7.3, 7.4, 7.10	6-19 to 6-40, 7-13 to 7-33, 7-42 to 7-48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	iii. Provision and description of flow sheets depicting ore processing, material flow and waste stream, energy consumption and water consumption,		2	7	7.8	7-35 to 7-40
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	iv. A description of the hydrogeological conditions (i.e. permeability of geological formations, hydraulic head and groundwater flow direction,) of the open pits and the underground mines, including estimates of the variance in permeability and groundwater flow, and implications of geological anomalies such as fault zones, weak rock formations or areas of higher than expected groundwater flow on the design of the open pits and underground mining facilities and implications of hydrological conditions on nearby surface waters,		2	7	7.1.3, 7.1.4, 7.2.4.3, 7.2.4.4, 7.2.5.4, 7.2.6, Appendix V2-7A	7-7 to 7-10, 7-18 to 7-19, 7-22, 7-24 to 7-26, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	v. A discussion on how permafrost conditions (seasonal thawing, taliks, degradation due to mining disturbances) were considered in the design of the open pits and underground mining facilities,		2	7	7.2.4, 7.2.5	7-15 to 7-24
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	vi. A stability analysis of the pit slopes and underground mine works and provision of adequate ground control measures where necessary,		2	7	7.2.4, 7.2.5	7-15 to 7-24
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	vii. Design of the impoundment/retention structures and measures for run-off and seepage control,		2	7	7.2.4.4, 7.2.8.4	7-19 to 7-20, 7-29 to 7-30

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	viii. Design of the mine ventilation for the underground mine,		2	7	7.2.5.3	7-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	ix. Daily and yearly average extraction rate(s) and quantities of ore and waste rock produced,		2	7	7.2.3	7-16 to 7-15
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	x. Cut-off grades in grams per tonne for precious metals (i.e. gold and silver) and in percent for any base metals (i.e. copper), for ore and low grade material that could be processed at some point in the future, based on current economic conditions or reasoned projections,		2	7	7.2.3.1	7-15
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	xi. The means of drilling, blasting, extraction, loading and transport of ore,		2	7	7.2.4.1, 7.2.5.2	7-15 to 7-18, 7-20 to 7-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	xii. Design, location and capacity of run-of the mine stockpile, if any, and ore stockpile facilities,		2 10	7 8	7.2.8.1, 7.2.8.2 3	7-28 to 7-29 8-2 to 8-6
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	xiii. Dust suppression technologies and dust suppressants to be used in mining, loading, transportation, storage, crushing and other processes where dust might be generated,		2	7	7.2.8.2	7-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	xiv. A review of similar operations elsewhere in similar settings, with a discussion of the results of research on the long-term stability of the underlying permafrost and frozen materials, as well as the implications to Project planning and design,		2	7	7.2.1	7-13 to 7-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	xv. Measures and plans to control natural hazards and/or mitigate their impacts on the Project, such as rock falls and collapses, extreme climate events, and other geological or geomorphological events (e.g., storm, flooding, and earthquake),		2	7	7.2.2, 7.2.4.1, 7.2.4.2, 7.2.5.2, 7.2.5.3	7-14, 7-15 to 7-18, 7-20 to 7-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	xvi. Provision of a comprehensive description of the proposed mill design, including: facilities and structures include plant layout plans, mill process and operations for ore processing, reagents used, water management strategies (including methods to maximize water re-use, minimize takings of natural waters and energy consumption), and		2	7	7.8, 7.9, 7.10	7-35 to 7-48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and Processing	xvii. A discussion of proposed options for transporting the final gold product off site.		2	7	7.8.9	7-39
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.3 Ore Stockpile Facilities	The Proponent shall, in connection with its Ore Storage Management Plan (Subsection 9.4.5), present details on the ore stockpile facilities associated with the Project, using maps and diagrams whenever applicable, and include the following:		2 10	7 8	7.2.8.1, 7.2.8.2 3	7-28 to 7-29 2 to 6
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.3 Ore Stockpile Facilities	i. Anticipated quantities and grade of ore extracted, including daily and yearly average extraction rates,		2	7	Table 7.2.1	7-16
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.3 Ore Stockpile Facilities	ii. A description of the ore grade handling, including the design, locations and capacities of the stockpile site(s). The Proponent shall include references to similar operations in comparable conditions, applicable modelling information, and the results of research on the short and long-term thermal stability of the underlying permafrost and frozen materials,		2 10	7 8	7.2.8 3.4	7-28 to 7-30 4 to 5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.3 Ore Stockpile Facilities	iii. A description of the physical and chemical stability of the ore material to be stored, with regard to the long-term ARD and ML potential of the ore material. Consideration should be given to the latest monitoring results from mines in the same general climatic conditions,		10	8	3.1, 3.2	2, 2
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.3 Ore Stockpile Facilities	iv. Explanation of the relationship between the timing of ARD/ML and permafrost encapsulation in cold weather conditions, with consideration for potential climate change, and		2 10	7 22	Appendix V2-7D, Appendix V2-7E 3, 4	All, All 2 to 10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.3 Ore Stockpile Facilities	v. A description of run-off and seepage prevention/control structures.		2	7	7.2.8.4	7-29
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	The Proponent shall present the details on all water supply and water treatment facilities associated with the Project, including the facilities at the mine site(s), Marine Laydown Area including tank farm(s) and laydown area(s). The Proponent should include the following:		2 10	6, 7, 8 7	6.4.11, 6.4.12, 6.6.1, 6.7, 7.8.8, 7.10, 8.11 3.2, 3.3, 3.4	6-12 to 6-13, 6-20 to 6-21, 6-39, 7-36, 7-42 to 7-48, 8-7 7-9 to 7-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	i. Identification and description of water supply sources (waterbodies and/or watercourses) and intake sources and facilities, and projections of volumes of water required from each source, including the frequency and timing of withdrawals,		2 10	6, 7, 8 7	6.4.11, 6.4.12, 6.6.1, 6.7, 7.8.8, 7.10, 8.11 3.2, 3.3, 3.4	6-12 to 6-13, 6-20 to 6-21, 6-39, 7-36, 7-42 to 7-48, 8-7 7-9 to 7-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	ii. A description of water uses and volumes including those for camp sites, open pit and underground mines, dock facility, mill processing facility, dust suppression, firefighting reserves, workshops and maintenance facilities as well as drilling activities, etc.,		2 10	6, 7, 8 7	6.4.11, 6.4.12, 6.6.1, 6.7, 7.8.8, 7.10, 8.11 3.2, 3.3, 3.4	6-12 to 6-13, 6-20 to 6-21, 6-39, 7-36, 7-42 to 7-48, 8-7 7-9 to 7-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	iii. A description of water treatment process methods for all fresh water use (i.e. mill processing and domestic water), including the design of the facility(ies),		2	7	Appendix V2-7H (5.4)	35 to 36

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	iv. Design features to prevent the impingement or entrapment of fish at water intakes,		2 10	7 7	7.10.1 3.2.1	7-42 to 7-43 4 to 5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	v. A plan for ensuring mine operations and safety during times of low water availability (winter, and in years of exceptionally low precipitation),		2	7	7.10.2.2, 7.10.3	7-44, 7-48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	vi. A description of the facilities for washing mine trucks and other equipment, as well as any treatment of water to be used for such activities, and		2	6	6.6.1.6	6-21
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.4 Water Supply and Water Treatment Facilities	vii. A description of plans to recycle or re-use water resources.		2	9	9.2.2	9-4
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.5 Natural Drainage Diversion	The Proponent shall present, in connection with its Site Water Management Plan (Subsection 9.4.4), the details on any required alteration of drainage patterns and diversions, including:		2	7	7.10.2.3, 7.10.3	7-44, 7-48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.5 Natural Drainage Diversion	i. A description of any planned alteration of drainage patterns and/or diversions of natural drainage from mine site and Project facilities, and estimation of the flows to be diverted,		2	7	7.10.2.3, 7.10.3	7-44, 7-48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.5 Natural Drainage Diversion	ii. A discussion of measures to prevent or mitigate sedimentation within these diverted flows,	Yes	40 Addendum 10	49 19	6.4.2 5.2.6	4 to 8 5-5 to 5-6
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.5 Natural Drainage Diversion	iii. A discussion of potential challenges anticipated in constructing drainage diversions including seasonal effects (e.g. melting ice lenses),		10	7	3.5.4	23
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.5 Natural Drainage Diversion	iv. A discussion of the potential for mobilizing sediments, generating erosion and disturbances to terrain/landforms, and		6	4, 5	4.5.1.1, 4.5.2.6, 4.5.3, 4.5.4.1, 5.5.4.3	4-29 to 4-31, 4-37, 4-38 to 4-45, 4-45, 5-33 to 5-55
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.5 Natural Drainage Diversion	v. A discussion of potential environmental impacts caused by altered drainage patterns, including the extent and location of areas to be flooded seasonally as well as plans for maintaining drainage systems during seasonal extreme conditions such as spring freshet.		6	1, 4	1.5, 1.9, 4.5.4.2, 4.5.4.3, Appendix V6-4A	1-41 to 1-55, 1-57 to 1-58, 4-46 to 4-47, 4-47 to 4-56, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.6 Mine De-Watering	The Proponent shall present, in connection with its Site Water Management Plan (Subsection 9.4.4), details on mine de-watering required for the Project, including the following:		2	7	7.2.4.3, 7.2.4.4, 7.2.5.5	7-18 to 7-20, 7-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.6 Mine De-Watering	i. A description of proposed de-watering methods and design of the mine water handling system for the open pits and underground mine including a discussion of the potential uses for the mine water,		2	7	7.2.4.3, 7.2.4.4, 7.2.5.5	7-18 to 7-20, 7-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.6 Mine De-Watering	ii. A description of proposed de-watering methods including a discussion of the potential uses for the water and disposal method(s) should there be a need to dispose of any water resulting from de-watering,		2	7	7.2.4.3, 7.2.4.4, 7.2.5.5	7-18 to 7-20, 7-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.6 Mine De-Watering	iii. A description of proposed geotechnical works, the areas that may be affected, the quantities of bottom sediment requiring disposal, and the proposed disposal methods,		2	7	7.2.4.4	7-19
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.6 Mine De-Watering	iv. Estimates of average mine water volumes, methods used to calculate volumes, and discussion of potential uses for mine water,		2	7	7.2.4.4, Appendix V2-7H, Appendix V2-7I	7-19 to 7-20, All, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.6 Mine De-Watering	v. A prediction of the maximum inflow into the open pits and the underground mine during mining, including estimates of variance and likelihood of estimates. The pumping capacity should be designed by taking into consideration the predicted maximum inflow. Measurements for controlling any necessary inflow should be discussed, in addition to describing the groundwater monitoring program, and		2 10	7 7	Appendix V2-7A (6.2), Appendix V2-7I (3.3) 8.2	20 to 21, 11 to 12 48
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.6 Mine De-Watering	vi. Anticipated salinity and general characterization of water from each pit and underground mine, including estimates of the variance of water quality.		2	7	Appendix V2-7A (6.2, 6.4)	20 to 22, 24 to 25
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	The Proponent shall provide the following information regarding Project components and activities for the proposed establishment of the Marine Laydown Area at Bathurst Inlet, tank farms and storage facilities, with site maps, diagrams, and general arrangement drawings provided for reference purposes where deemed useful, specifically addressing:		2	6	6.4	6-5 to 6-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	i. A discussion of how the precautionary approach has been incorporated into the design of storage facilities and the proposed Marine Laydown Area, to account for the challenges of the Project area including considerations for extreme temperatures, variations in ice thickness, seismic hazards, and water level change, nearshore sediment mobility and alongshore drift in the layout and structure of various facilities and design features (where applicable),		2 10	2 1	2.1.4, Appendix V2-7C 4 6	2-2 to 2-3, All 5 to 9 4 to 11
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	ii. A discussion of the study results related to bathymetry, rock and sediment geotechnical properties, and sediment thickness and sub-sea permafrost depth and thickness and quality for the proposed dock site (if required),		2	4, 6	4.3.2.3, 6.4.4	4-17, 6-8

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	iii. A description of any transfer sites of materials from ships to barges,		2	4, 6	4.3.2.3, 6.3.3.2	4-17, 6-4 to 6-5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	iv. A description of all facilities proposed to be constructed at the storage facility, including discussion on the wharf storage facility, administration facility, land-based or water-based navigational aids, etc. (where applicable),		2	6	6.3.3.3, 6.4	6-5, 6-5 to 6-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	v. A discussion of all potential uses of the port site and storage facilities, including predicted non-project and/or private uses,		2	6	6.4	6-5 to 6-14
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	vi. A description of all facilities associated with the transfer and handling of fuel and any hazardous products,		2	6	6.4.6	6-11 to 6-12
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	vii. A description of the types and anticipated volumes/quantities of materials and equipment to be transported to and from the port, including hazardous/dangerous goods cargo,		2	6	6.4.3, 6.4.5.6	6-7 to 6-8, 6-11
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	viii. A description of spill contingency plans for the port and tank farm/storage facility,		2	6	6.4.7, 6.5.4	6-12, 6-18
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	ix. A description of the communication system and power generation unit to be employed,		2	6	6.4.9, 6.6.10	6-12, 6-32
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	x. A discussion of plans for storage facility security management, and		2	6	6.4.10	6-12
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	xi. Discussion of the reclamation and closure of the facilities upon completion of the project.		2	8	8.12, 8.13, 8.14	8-7 to 8-8
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3 Waste Management Facilities	The Proponent shall describe the sources, types and quantities of waste predicted to be generated by the Project, and the on-site processes for the collection, handling and disposing of wastes generated by the Project including any off-site disposals. The Proponent shall include the following with cross referencing to applicable management plans (Section 9.4) where appropriate:		2 10	6, 7 9, 10, 11, 12	All All	All All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.1 Waste Rock Facilities	i. An inventory of waste rock generated during construction and operation of the Project including overburden, waste rock, low grade mineralized material, processing wastes, excavated material, and any other related wastes if applicable,		2 10	7 9	7.12 3	7-48 to 7-52 2 to 10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.1 Waste Rock Facilities	ii. A description of overburden and waste rock handling, including the design, locations and capacities of the stockpiles sites, describing the options for each type of waste rock. The Proponent shall include references to similar operations in comparable conditions, applicable modelling information (i.e. general climatic conditions and climate trends and their consideration in the design of the facility), and the results of research on the long-term thermal stability of the underlying permafrost and frozen materials,		10	9	3.4	6 to 8
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.1 Waste Rock Facilities	iii. A description of the physical and chemical stability of the types of materials to be stored and those to be used for containment construction, with regard to the short and long-term ARD and ML potential of the waste rock. Consideration should be given to the latest monitoring results from mines in the same general climatic conditions,		2 10	7 22	7.2.6, Appendix V2-7D 3.2, 3.3, 8	7-24 to 7-26, All 5 to 6, 12 to 13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.1 Waste Rock Facilities	iv. Details regarding the ARD and ML characterization of waste rock, the method of testing in terms of both static and kinetic tests, the number of samples and sampling protocols, the company and personnel to carry out the tests, and implications to possible use and disposal,		2	7	Appendix V2-7D	7-24 to 7-26, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.1 Waste Rock Facilities	v. A description, in qualitative and quantitative terms of the chemistry of frozen groundwater from joints and fractures in the waste rock disposal area,		2	7	Appendix V2-7H	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.1 Waste Rock Facilities	vi. An explanation of the relationship between the timing of ARD and ML and permafrost encapsulation in cold weather conditions, with consideration for potential climate change, and		2 10	7 22	Appendix V2-7D, Appendix V2-7E 3, 4	All, All 2 to 10

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.1 Waste Rock Facilities	vii. An estimation of the quantities of potential acid generating (PAG) and non-PAG materials that will be generated and details of the methodology used in classifying PAG and non- PAG.		2 10	7 22	7.2.6 to 7.2.7 6	7-24 to 7-28 22-4 to 22-8
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.2 Tailings Management Facilities	i. A description of the tailings management facilities design,		2	6, 7	6.6.13, Appendix V2-7G	6-33 to 6-40, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.2 Tailings Management Facilities	ii. A description of how geotechnical factors, geological characteristics (weak rock formations, fault zones and their hydrogeological characteristics), and permafrost conditions (seasonal thawing, taliks, degradation due to tailings disposal, and long-term evolution) were considered in the design of the tailings management facility(ies),		2 10	6 9	6.6.13, Appendix V2-7G, Appendix V2-7A 2.4.1	6-33 to 6-40, All, All 2-21 to 2-22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.2 Tailings Management Facilities	iii. A description of how the general climate conditions including climate trends were considered in the design of the tailings management facilities (e.g., prevention of ice formation),		2 9	6 2	6.6.13 2.2, 2.16 Appendix V4-3B, Appendix V4-3C	6-33 to 6-40 2-1 to 2-7, 2-19 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.2 Tailings Management Facilities	iv. A description of the proposed process and operations of the tailings management facilities during both operations and post-closure. The Proponent shall include a contingency plan in the event that discharges from the containment area do not meet licensing criteria,		10	22 29	3.1 2.3, 5.3, 5.6	2 to 4 11, 21 to 22, 23 to 24
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.2 Tailings Management Facilities	v. A description of seepage and run-off prevention and control structures and designs, and		2	7	Appendix V2-7I (3.5.1, 3.5.2, 3.5.3, 3.5.4, Appendix A)	14 to 15, 15, 15 to 17, 17, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.2 Tailings Management Facilities	vi. A description of the tailings chemistry, physical properties (rheology, solid content, consolidation density, slurry temperature, volume estimates), mineralogical characteristics and long and short-term ARD and ML potential.		2 2	7 2	7.9 Appendices V2-7D, Appendix V2-7F	7-40 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.3 Waste Water Treatment Facilities	i. A description of the water treatment process for all major sources of water from the Project, including process effluent, open pit water, underground mine water, site, waste facilities and stockpile drainage/runoff, and sewage/grey waste water,		2 10	4, 6 7	4.3.3.3, 6.4.13, 6.6, 6.7, 8.11 3.0	4-19 to 4-20, 6-13, 6-19 to 6-42, 8-7 3 to 42
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.3 Waste Water Treatment Facilities	ii. A description of proposed mine water (i.e. process effluent, open pit water, underground mine water, site and stockpile drainage/runoff) treatment facility to be used, to include amount of treatment sludge production and its management/storage,		2 10	6 9	6.6.13 3.2.2, 3.3, 3.6	6-33 to 6-40 5, 13 to 14, 26 to 35
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.3 Waste Water Treatment Facilities	iii. A discussion related to the treated effluent discharge methods, including the design of the facility, identification of discharge points, the anticipated water quality and quantities to be disposed of, and conservation and recycling methods. Specific mention should be given to modifications that may be related to operating in arctic conditions. Include associated implications for regulatory compliance,		2	6	6.4.13, 6.6.8.1	6-13, 6-29 to 6-30
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.3 Waste Water Treatment Facilities	iv. A description of proposed sewage/grey water treatment facilities to be used, including a discussion of the technology to be employed, the design and locations of the facilities, point(s) of discharge, solids (sludge) disposal methods, and the quality and quantities to be disposed of, as well as the applicable discharge standards,		2	6	6.4.13, 6.6.8.1	6-13, 6-29 to 6-30
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.3 Waste Water Treatment Facilities	v. Contingency measures for the disposal of effluent and sewage/grey water during periods of facility malfunction and/or disturbances, with details regarding the associated disposal and treatment technologies and facilities,		2	6	6.4.13, 6.6.8.1	6-13, 6-29 to 6-30
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.3 Waste Water Treatment Facilities	vi. A description of the receiving environment including the spatial extent and magnitude of alteration of the receiving waters, how the Proponent will ensure non-toxicity, the spatial extent of the mixing zone and modelling predictions for concentrations of all parameters of concern, including the equations and assumptions on which the modeling predictions were based, at key points between the discharge point and return to baseline water quality conditions, and		2	6	6.4.13, 6.6.8.1	6-13, 6-29 to 6-30
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.3 Waste Water Treatment Facilities	vii. A description of the on-site processes for the collection, handling and disposing of contaminated water wastes (including melt water) to be generated by the Project.		2	6	6.4.13, 6.6.8.1	6-13, 6-29 to 6-30
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.4 Landfill Facilities	i. Research results for effectiveness of similar landfill operation facilities in comparable geological regions and climate condition,		10	10	7.3.2	11
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.4 Landfill Facilities	ii. Locations of any landfill facilities, with estimates of containment capacities, associated design criteria and considerations to minimize impact on the surrounding environment. Include engineering features and facility layout drawings in relation to nearby roads, watercourses and waterbodies,		10	10	6.2, 7.3.1, 7.3.2	8, 10 to 11
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.4 Landfill Facilities	iii. An inventory of the types and volumes of non-combustible, non-hazardous industrial wastes to be generated and landfilled over the life of the Project,		2	6	6.4.14, 6.6.8	6-13, 6-28 to 6-32
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.4 Landfill Facilities	iv. An inventory of the types and volumes of hydrocarbon contaminated wastes to be generated and sent south over the life of the Project,		10	12	7.3.5, 7.3.6, Table 8-1	20 to 21, 23 to 27
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.4 Landfill Facilities	v. A description of the proposed collection, handling, storage, treatment, and/or disposal methods of contaminated ice, snow, soil, seepage and/or surface runoff, and		10	7 10	3.3, 3.4, 3.7.8. 7.4	13 to 19, 42 12

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.4 Landfill Facilities	vi. A description of any proposed use of municipal waste facilities or other treatment options for hydrocarbon, organic wastes.		10	10 12	7 2	9 to 15 1 to 3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.5 Hazardous Waste	i. An inventory of the types and predicted volumes/quantities of hazardous wastes to be generated or produced by the Project activities, including shipping operations,		10		12.8, Table 8-1	29, 23 to 27
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.5 Hazardous Waste	ii. A description of proposed storage, transport, handling and disposal methods to be employed for hazardous waste generated,		2	6, 7, 8, 9	6.6.7, 6.6.8.6, 7.7, 8.12, 9.2.3	6-27, 6-31, 7-35, 8-7, 9-4
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.5 Hazardous Waste	iii. A description of measures to minimize use of hazardous materials and to reduce generation of hazardous waste,		2 10	6, 7, 8, 9 12	6.6.7, 6.6.8.6, 7.7, 8.12, 9.2.3 2	6-27, 6-31, 7-35, 8-7, 9-4 1
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.5 Hazardous Waste	iv. Details regarding the destinations for each type of hazardous waste, including the disposal of containers used to transport or store hazardous materials, and		2 10	6, 7, 8, 9 12	6.6.7, 6.6.8.6, 7.7, 8.12, 9.2.3 7.3	6-27, 6-31, 7-35, 8-7, 9-4 12 to 21
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.5 Hazardous Waste	v. A description of training for employees tasked with the handling of hazardous waste materials.		2 10	6, 7, 8, 9 12	6.6.7, 6.6.8.6, 7.7, 8.12, 9.2.3 6.3	6-27, 6-31, 7-35, 8-7, 9-4 11
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.6 Camp Waste	i. A description of the facilities, technologies and equipment to be used for incineration of domestic waste,		2		6.4.14, 6.6.8.3	6-13, 6-30
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.6 Camp Waste	ii. An inventory of domestic waste to be incinerated, including both land-based and ship-based generated wastes,		2		6.4.14, 6.6.8	6-13, 6-28 to 6-32
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.6 Camp Waste	iii. A description of the methods for disposal of incineration ash, and		2 10		6.4.14, 6.6.8.2, 6.6.8.3 7.5	6-13 to 6-14, 6-30 8
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.3.6 Camp Waste	iv. A description of wildlife deterrent programs that may be implemented to reduce depredation and prevent access to food sources by predators such as bears and wolverines.		2 10		2.1.6 6.1.1, Appendix A	2-4 6 to 7, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	The Proponent shall describe all ground transportation options, including all-weather and winter roads (including various access roads, mine haul roads, site service roads, in-pit haul roads, roads used to facilitate maintenance of infrastructure and facilities, etc.).		2 10		6.3.2, 6.4.3, 6.6.2, 7.11 1	6-3 to 6-4, 6-7 to 6-8, 6-21 to 6-24, 7-48 1 to 2
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	The EIS shall describe and discuss the following in connection with the Roads Management Plan (Subsection 9.4.10), including relevant maps and drawings where useful as such pertain to roads as proposed within the scope of the Project:		2 10		6.3.2, 6.4.3, 6.6.2, 7.11 All	6-3 to 6-4, 6-7 to 6-8, 6-21 to 6-24, 7-48 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	i. Design specification and features of all roads, including construction methods and schedule, laydown areas, temporary works and construction camps, estimates, sources, and types of materials required for construction and maintenance, water crossings and diversions of watercourses,		2 10		6.3.2, 6.4.3, 6.6.2, 7.11 4	6-3 to 6-4, 6-7 to 6-8, 6-21 to 6-24, 7-48 9 to 13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	ii. How all aspects of proposed roads including components such as bridges and culverts, will be managed and maintained for the life of the Project,		2 10		6.3.2, 6.4.3, 6.6.2, 7.11 7	6-3 to 6-4, 6-7 to 6-8, 6-21 to 6-24, 7-48 14 to 17
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	iii. Plans to address additional traffic on any separately constructed road network that may require consideration, should the development of the Back River Project be granted pursuant to NLCA Section 12.5.12,		2		6.5	6-14 to 6-19
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	iv. Description of any infilling of lake, wetland or stream habitats associated with road construction where applicable for the Project,		2		6.4.3, 6.6.2	6-7 to 6-8, 6-21 to 6-24
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	v. Design features and structures planned to protect and facilitate wildlife movement (e.g. caribou crossings and migration routes) and humans that may cross Project roads during operations (including ATVs and snowmobiles), including a discussion of plans to prevent/minimize wildlife and human collision-related mortalities,		2 5		6.4.3, 6.6.2 XX 9	6-7 to 6-8, 6-21 to 6-24 5-1 to 5-249 21 to 22
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	vi. Design features and structures planned to protect and facilitate fish movement and migration,		2		All	All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	vii. Dust suppression, methods and types of dust suppressants as well as mitigation methods for sedimentation during construction and operations,		2		7.2.9	7-30
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	viii. How TK has been considered in the selection of the ground transportation network,		2 3		2.1.10 3.3	2-6 3-50 to 3-53
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	ix. The relationship of ground transportation with existing hunting and travelling routes (including those routes in close proximity or intersecting planned ground transportation roads), and		2		2.1.9, 6.6.2	2-5, 6-21 to 6-24
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.4 Ground Transportation and Associated Water Crossings	x. The duration, frequency and extent of use of all Project facilities, including consideration given to public access for traditional and/or non-traditional pursuits.		2		2.1.9 to 2.1.12, 6.5.1, 6.6.2.2	2-5 to 2-6, 6-16, 6-13, 6-39

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	The Proponent shall describe all marine shipping associated with the Project, in connection with the Shipping Management Plan (Subsection 9.4.11), including relevant maps and drawings where useful.		2	4, 6	4.2.2.1, 4.2.2.3, 6.3.3	4-4 to 4-5 , 4-6 to 4-7, 6-4 to 6-5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	The description of marine infrastructure and shipping must include the following:		2	4, 6	4.2.2.1, 4.2.2.3, 6.3.3	4-4 to 4-5 , 4-6 to 4-7, 6-4 to 6-5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	i. A description of the proposed marine shipping vessels (types, sizes, draft, and numbers of vessels to be used, and the vessel's intended purpose), including any accommodations barges to be utilized, associated frequency and timeframe for the shipping season for all project activities during each phase of the Project. Include a discussion on the existing marine traffic volumes along the proposed shipping route(s) in terms of the marine traffic network of the region,		2 10	4, 6 15	4.2.2.1, 4.2.2.3, 6.3.3 4	4-4 to 4-5 , 4-6 to 4-7, 6-4 to 6-5 7 to 9
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	ii. A clear description and an analysis of the proposed shipping route(s), including route characteristics and navigability, corresponding maps and details regarding bathymetry, navigational aids, other marine traffic using these routes, channel and berthing manoeuvres, anchorage components, etc.,		2 10	4, 6 15	4.2.2.1, 4.2.2.3, 6.3.3 1.2	4-4 to 4-5 , 4-6 to 4-7, 6-4 to 6-5 2
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	iii. A description of the transit time and delay review of alternative marine routes,		2	4, 6	4.2.2.3, 6.3.3.1, 6.3.3.2, Appendix V2-6A	4-6 to 4-7, 6-4 to 6-5, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	iv. A discussion on the potential for ice breaking during the planned shipping season (including the potential for such during break-up in the spring season and during freeze- up in the fall season),		2 10	4, 6 15	4.2.2.1, 4.2.2.3, 6.3.3 1	4-4 to 4-5 , 4-6 to 4-7, 6-4 to 6-5 1 to 6
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	v. A description of any plans to overwinter fuel and discuss measures to ensure compliance with the requirements of the Canada Shipping Act, 2001, Arctic Waters Pollution Prevention Act, any associated regulations or relevant guidelines,		2 10	4, 6 15	4.2.2.1, 4.2.2.3, 6.3.3 4	4-4 to 4-5 , 4-6 to 4-7, 6-4 to 6-5 7 to 9
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	vi. Details on the relationship of marine shipping routes and seasons with existing hunting and travelling routes,		8	5	5.2.3, 5.5.3.5	5-18 to 5-19, 5-35
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	vii. A description of procedures for avoiding the disturbance of marine mammals, and for undertaking the monitoring of marine mammal occurrence and behaviour along shipping routes,	Yes	2 7 49 Addendum 10	4, 6 7 20 20	6.3.3.1, 6.3.3.2 7.5.2.2, 7.5.3, 7.8 6.3, 6.4, 6.5, 7.2.8, 7.2.11, 7.3.8 7.1.9, 8.1.7, 9.1.7, 10.1.7, 11.1.7, 12.1.7, 7.1.5.10, 9.1.3.7, 7.1.5.6, 7.1.5.7, 8.1.3.2, 8.1.3.3, 9.1.3.4, 9.1.3.5, 10.1.3.4, 10.1.3.5, 11.1.3.3, 13.1.3.4, 14.1.3.2, 11.2.1.1, 14.2	6-4 to 6-5 Vol 7: 7-22 to 7-28, 7-34 to 7-36, 7-37 to 7-40 13 to 22, 68 to 69, 75 to 76, 110 to 112 7-26, 8-5, 9-5, 10-4, 11-4, 12-2, 7-23, 9-4, 7-20, 7-20, 8-2, 8-3, 9-3, 10-3, 10-3, 11-3, 13-3, 14-2, 11-4, 14-3 to 14-4
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	viii. A discussion of how TK has been considered in the selection of the shipping routes, timing of shipping activities, and design of monitoring plans,		2	6	2.1.10, 6.3.3.1, V2-6A	2-6, 6-4, All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	ix. A description of the results from bathymetric studies undertaken along the proposed shipping routes. Additional discussion of study results should also be included for identified areas where shallow waters and/or strong current exist, with consideration given to the size of barges/vessels, and the implications for shipping safety,		2 7	4 3, 4	4.2.2.3, 4.2.8 3.1, 4.1.1, 4.1.6	4-6 to 4-7, 4-18 3-1, 4-1, 4-20 to 4-26
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	x. Identification of all parties responsible for ensuring safe shipping beyond the immediate port/docking site,		10	15	4.2.1, 9.1, 12.1, 12.2	7, 16 to 17, 20 to 21
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	xi. Estimates of the volume of goods/supplies, dangerous goods, fuel, explosives and equipment to be transported and associated protocols with shipping these goods,		2	6	6.4.5, 6.4.6 All	6-8 to 6-12 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	xii. A description of loading and offloading procedures for material and supplies, dangerous goods, fuel, and explosives, including consideration of the anticipated use/reliance on policing services, and		2	6	6.4.5, 6.4.6	6-8 to 6-12
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.5 Marine Shipping & Associated Facilities	xiii. A discussion of how shipping of project-related materials, supplies, and fuel will be handled during times that community and outpost camp resupply cargo and/or existing community use are being handled or undertaken, including any shared use of existing marine infrastructure.		2	6	6.3.3.1	4-2
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.6 Air Transportation	The Proponent shall describe all air transportation associated with the Project including the following:		2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.6 Air Transportation	i. A description of all potential air transportation including air traffic, types of aircraft to be used, and the proposed use of municipal airports in the Kitikmeot region,		2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.6 Air Transportation	ii. A description of all facilities and infrastructure proposed for air transportation, including construction methods and schedule, transfer and handling of any required fuel, etc.,		2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.6 Air Transportation	iii. Estimates of the number of flights on a daily or weekly basis covering all phases of the Project, including estimated flight schedules (times and days),		2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.6 Air Transportation	iv. The duration, frequency, and extent of use of each airport facility/airstrip/landing area,		2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.6 Air Transportation	v. A description of the anticipated use/reliance on security and emergency services, during normal operations and emergency situations, and		2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.6 Air Transportation	vi. Details regarding the proposed procedures for accident, malfunction and incident management and reporting for the transfer of hazardous material.		2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	The Proponent shall provide information on all borrow pits and quarry sources required for the Project, in combination with the Borrow Pits and Quarry Management Plan (Subsection 9.4.12), and include:		2 10	4, 6 16	Table 6.4-1, 6.4.2, 6.6.4 All	6-6 tp 6-7, 6-34 to 6-25 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	i. Maps for all sites that are to be used for borrow pits or quarries, indicating the ownership (Inuit Owned Land and Crown Land) of lands and principle geographic features (e.g., on or near eskers and other unique landscapes, the proximity to waterbodies and watercourses),		2 10	4, 6 16	Table 6.4-1, 6.4.2, 6.6.4 3.5	6-6 tp 6-7, 6-34 to 6-25 7
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	ii. A discussion of how the borrow pits and quarry material will be extracted,		2 10	4, 6 16	Table 6.4-1, 6.4.2, 6.6.4 3.4	6-6 tp 6-7, 6-34 to 6-25 6 to 7
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	iii. A discussion of how the precautionary principle has been incorporated in the design of the borrow pits and quarries in terms of minimizing potential effects to the environment, including wildlife and wildlife habitats, including fish habitat where sites are in close proximity to waterbodies and watercourses,		2 10	4, 6 16	Table 6.4-1, 6.4.2, 6.6.4 6, 8	6-6 tp 6-7, 6-34 to 6-25 9 to 13
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	iv. Characterization of the materials at potential borrow pit and quarry site locations including ARD and ML potential, the ground ice conditions and occurrences of massive ice,		2 10	4, 6 16	Table 6.4-1, 6.4.2, 6.6.4 6.1	6-6 tp 6-7, 6-34 to 6-25 9 to 10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	v. Estimates of the quantities of materials that will be extracted from each borrow pit and quarry site,		2 10	6 16	<u>6.6.4</u> 3.2	<u>6-24</u> 3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	vi. Estimates of quantities of materials required to build the ground transportation and site infrastructure for the Project,		2 10	6 16	<u>6.6.4</u> 3.2	<u>6-24</u> 3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	vii. Annual estimates of quantities required for maintenance associated with ground transportation, site infrastructure, and the port site, and		10	12	8, <u>Table 8-1</u>	29, 23 to 27
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.7 Borrow Pits and Quarry Sites	viii. A description of proposed sediment, dust control and erosion measures in the design of the borrow pits and quarry sites.		2 10	4, 6 16	Table 6.4-1, 6.4.2, 6.6.4 6	6-6 to 6-7, 6-34 to 6-25 9 to 11
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.8 Power Generation	The Proponent shall provide the following information in conjunction with its Air Quality Monitoring and Management Plan (Subsection 9.4.14):		2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8 All	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.8 Power Generation	i. The energy balance for the proposed Project, including strategies for optimization and conservation,		2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8 All	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.8 Power Generation	ii. A discussion on how greenhouse gas emissions will be reduced,		2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8 All	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.8 Power Generation	iii. The type of power generation and associated infrastructure (i.e. power lines) that will be used over the Project lifespan,		2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8 All	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.8 Power Generation	iv. Locations (positioning) of power generation plants/stations relative to prevailing winds and other infrastructure,		2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8 All	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.8 Power Generation	v. A description of diesel power generation facilities, including sources, volumes of fuel to be used, transportation methods for fuel and associated transfer points, information regarding secondary containment measures to be employed and equipment and facilities for emergency clean-up, and		2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8 All	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.8 Power Generation	vi. Proposed accident/incident management and reporting.		2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8 All	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.9 Fuel and Explosives Facilities	The Proponent shall describe the following information, in conjunction with its Spill Contingency Plans, (Subsection 9.4.2), Hazardous Materials Management Plan (Subsection 9.4.8) and Explosives Management Plan (Subsection 9.4.13):	Yes	2 40 Addendum 10	4, 6, 7, 8, 9 4-5 4, 5	4.3.9, 6.4.6, 6.4.7, 6.6.5, 6.6.6, 6.6.7, 6.6.8, 7.6, 8.14, 9.2.3 All All	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4 All All All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.9 Fuel and Explosives Facilities	i. The location and characteristics of fuel and explosives storage and/or manufacturing infrastructure and facilities (e.g. explosives and detonator magazines, fuel storage, ammonium nitrate storage, maintenance/wash area, process trucks and their parking area, any offices, warehouses, buildings) as well as methods of secondary containment to be employed. This will include setback distances to vulnerable features (i.e. dwellings, roads, camps, bodies of water, etc.), and between explosives facilities and fuel storage/handling areas,		2	4, 6, 7, 8, 9	4.3.9, 6.4.6, 6.4.7, 6.6.5, 6.6.6, 6.6.7, 6.6.8, 7.6, 8.14, 9.2.3 All	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4 All

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6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.9 Fuel and Explosives Facilities	ii. Types and estimate of quantities of all fuel types, explosives, and other similar materials required for the duration of the Project,		2	4, 6, 7, 8, 9	4.3.9, 6.4.6, 6.4.7, 6.6.5, 6.6.6, 6.6.7, 6.6.8, 7.6, 8.14, 9.2.3 All	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.9 Fuel and Explosives Facilities	iii. Proposed measures to ensure the fuel used for mine related activities conforms with Canadian regulations (Government of Canada, 1990, 1991, 1997, 1999b, 1999c, and 2002b),	Yes	2 40 Addendum 10	4, 6, 7, 8, 9 4 4	4.3.9, 6.4.6, 6.4.7, 6.6.5, 6.6.6, 6.6.7, 6.6.8, 7.6, 8.14, 9.2.3 4.0, 7.0 3.0, 7.0	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4 2 to 3, 14 to 16 3-1, 7-1 to 7-5
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.9 Fuel and Explosives Facilities	iv. Operational plans including Oil Pollution Prevention and/or Emergency Plans in connection with the Spill Contingency, and Oil Handling Facility Contingency Plan, and	Yes	2 40 10 Addendum 10	4, 6, 7, 8, 9 3, 4, 5 3 4, 5	4.3.9, 6.4.6, 6.4.7, 6.6.5, 6.6.6, 6.6.7, 6.6.8, 7.6, 8.14, 9.2.3 All All All	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4 All All All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.9 Fuel and Explosives Facilities	v. Methods of fuel transfer and transportation from sources to and around site.	Yes	2 10 Addendum 10	4, 6, 7, 8, 9 4 6 4 6	4.3.9, 6.4.6, 6.4.7, 6.6.5, 6.6.6, 6.6.7, 6.6.8, 7.6, 8.14, 9.2.3 6.0 4, 7, 9, 3.2 6.0 6, 9, 11.3.2	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4 4 to 11 9, 17 to 23, 30 6-1 to 6-8 6-1, 9-1 to 9-7, 11-3
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	The Proponent shall provide the following information for ongoing exploration:					
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	i. Areas proposed for ongoing geotechnical investigations and mineral exploration, including drilling, over the duration of the various Project areas,		2	1, 2, 3	1.4, 1.5, 1.6, 3, 6.6.13	1-2 to 1-5, 3-1 to 3-2, 6-33 to 6-40
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	ii. A description of any exploration activities occurring on or near waterbodies and the mitigation measures that will be implemented to prevent impacts to aquatic life including fish and fish habitat as defined in the Fisheries Act,		2 5	3, 7 1	3, 7.1.1 1	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	iii. A description of any seismic activities to be undertaken, including a clear delineation of the location of such activities in proximity to water bodies and the anticipated effects of such activities on aquatic life, as well as proposed measures to mitigate identified impacts,		2 5	3, 7 1	3, 7.1.1 1	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	iv. Temporary field facilities, equipment to be used, and required ground and air transport frequencies,		2 5	3, 7 1	3, 7.1.1 1	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	v. Proposed wildlife mitigation and monitoring measures associated with exploration program (e.g., compliance with the minimum flight altitudes if aerial surveys are planned or conducted, timing and type of surveys, etc.),		2 5	3, 7 1	3, 7.1.1 1	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	vi. Proposed mitigation to reduce interaction with other current land users, such as Tourism Operators or harvesters,		2 5 8	3, 7 1 4	3, 7.1.1 1 4.6.2	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10 4-68 to 4-71
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	vii. A description of any exploration activities occurring near or interacting with other current land users, such as Tourism Operators or harvesters,		2 5 8	3, 7 1 4	3, 7.1.1 1 4.6.2	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10 4-68 to 4-71
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	viii. Proposed mitigation and monitoring measures designed to protect archaeological and cultural resources from being impacted by ongoing exploration, and		2 5 10	3, 7 1 27	3, 7.1.1 1 All	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10 All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.10 Exploration	ix. Management plans for drilling waste disposal and drill site reclamation.		2 5	3, 7 1	3, 7.1.1 1	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.11 Ancillary Project Facilities and Infrastructure	The Proponent shall describe any other relevant project facilities and infrastructure not detailed in Section 6.6, including those related to logistics coordination, site administration or personnel accommodations, for example.		NA	NA	NA	NA
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		As identified in Section 2.2, the Proponent shall provide highlights of any public consultation and/or engagement undertaken in the EIS in order to address concerns of the general public regarding the anticipated or potential environmental effects of the Project.	Yes	3 Addendum 3	1 1	1.3, 1.4, 1.5, 1.6, Appendices V3-1A, V3-1B Addendum Appendices V3-1A, V3-1B	1-5 to 1-47 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		The Proponent shall also describe how communication was facilitated with the public through accommodating regional languages/dialects, not only through translation but through interpretation at any community or public meetings held.		3	1	1.5.1, 1.5.3	1-19 to 1-20, 1-20 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		A summary of key dialogues and identified issue areas from pre-consultation and consultation activities, along with any commitments made by the Proponent to communities during these discussions. This information must be presented in the EIS and will enable responsible agencies and the NIRB to:	Yes	3 Addendum 3	1 1	1.6.3, Table 1.6-1, Appendices V3-1C, V3-1E, V3-1G Addendum Appendix V3-1C	1-39 to 1-47, All, All, All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		i. Assess the transparency, meaningfulness and completeness of community consultation efforts,	Yes	3 Addendum 3	1 1	1.3, 1.4, 1.5, 1.6, Appendices V3-1A, V3-1B, V3-1C, V3-1E Addendum Appendices V3-1A, V3-1B, V3-1C	1-5 to 1-47, All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		ii. Understand messages communicated within the process of dialogue,	Yes	3 Addendum 3	1 1	1.6.3, Table 1.6-1, Appendices V3-1C, V3-1E, V3-1G Addendum Appendix V3-1C	1-39 to 1-47, All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		iii. Obtain an increased understanding of the expectations held within communities based upon responses to specific issues raised, and	Yes	3 Addendum 3	1 1	1.6.3, Table 1.6-1, Appendices V3-1C, V3-1E, V3-1G Addendum Appendix V3-1C	1-39 to 1-47, All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		iv. Assess how public participation has influenced the development of the Project with an analysis of community support for, and opposition to, the Project.		3	1	1.6.2, 1.6.3, Table 1.6-1, 1.7	1-37 to 1-38, 1-39 to 1-47, 1-48
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		The Proponent is expected to address concerns that are voiced regarding its own meaningful consultation and is required to:		3	1	Table 1.6-1	1-41 to 1-42

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7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		i. Continue to provide up-to-date information describing the Project to the public, particularly residents of communities likely to be most affected by the Project,		3	1	1.1.2, 1.2.3, 1.7	1-1 to 1-2, 1-4 to 1-5, 1-48
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		ii. Involve the public in determining how best to deliver that information, (i.e. the types of information required, translation and interpreting needs, timing of consultations, different formats, the possible need for community meetings), and		3	1	1.5.3, 1.6.3.1, 1.7	1-20 to 1-35, 1-40, 1-48
7.0 IMPACT ASSESSMENT METHODOLOGY	7.1 PUBLIC CONSULTATION		iii. Explain the findings documented within the EIS in a clear and direct manner to make the issues comprehensible to as wide an audience as possible.		3	1	1.6.3, Table 1.6-1, Appendix V3-1G	1-39 to 1-47, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		The Proponent shall, with reference to Section 2.3, present and justify its definition of TK and shall explain the methodology used to collect TK, including:		3	3	3.1.2, 3.2, 3.3	3-1 to 3-2, 3-44 to 3-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		i. The format and location of meetings, interviews, and other data gathering efforts,		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3C, Appendix V3-3D	3-44 to 3-50, All, All, All, All,
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		ii. A description of background information provided to informants,		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	3-44 to 3-50, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		iii. The level of community participation and composition of participants,		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	3-44 to 3-50, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		iv. The design of TK studies, including lists of interview questions posed to informants or other tools used in the study,		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	3-44 to 3-50, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		v. The selection process for participants in such studies, including participants residing outside of the NSA,		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	3-44 to 3-50, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		vi. Types of TK collected, and		3	3	3.2, 3.3, Appendix V3-3A, Appendix V3-3B, Appendix V3-3C, Appendix V3-3D	3-44 to 3-50, 3-50 to 3-53, All, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		vii. Associated issues related to any proprietary status of TK used.		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	3-44 to 3-50, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		The Proponent shall summarize what kinds of TK were collected and describe the roles and responsibilities of all concerned individuals and organizations in collecting, analyzing, interpreting and synthesizing the TK data.		3	3	3.1, Table 3.1-1, 3.2, 3.3, Appendix V3-3A, Appendix V3-3B, Appendix V3-3C, Appendix V3-3D	3-1 to 3-3, 3-3 to 3-42, 3-44 to 3-50, 3-50 to 3-53, All, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		The Proponent shall also indicate whether special efforts were made to collect TK from Inuit Elders, women, youth, special groups, and harvesters familiar with the Project area.		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	3-44 to 3-50, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		Any measures to protect the anonymity and to secure the informed consent of TK providers should be outlined as well as any special restrictions on uses of certain types of TK as stipulated by TK holders.		3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	3-44 to 3-50, All, All, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		In all sections of the EIS, the Proponent shall discuss how it weighed and incorporated TK in areas such as baseline data collection, impact prediction, significance assessment and the development of mitigation and monitoring programs.		3	3	Table 3.1-1, 3.3	3-3 to 3-42, 3-50 to 3-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		The Proponent shall explain how it integrated TK and popular science, including the manner in which it reconciled any apparent discrepancies between the two types of knowledge.		3	3	3.1.2, 3.1.3, 3.3	3-1 to 3-43, 3-50 to 3-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.2 TRADITIONAL KNOWLEDGE		The Proponent shall include a discussion on how it dealt with discrepancies within TK (variation between individuals) and describe how and where TK is being used to address gaps in currently available scientific data.		3	3	3.3.5	3-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		The Proponent shall present baseline data, including TK, in relation to the existing biophysical and socio-economic environments relevant to the assessment of potential impacts from the Project for all proposed phases. Potential for changes in baseline conditions due to exploration activities and any potential NLCA 12.10.2 exception applications, if applicable and as may be related to the Project, must be taken into consideration.		4 5 6 7 8 9	1, 2 5, 6, 7, 8, 9, 10, 11 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.1, X.2 X.1, X.2 X.1, X.2 X.1, X.2 X.1, X.2 1.2.2	1-1 to 1-11, 2-1 to 2-7 5-1 to 5-125, 6-1 to 6-33, 7-1 to 7-16, 8-1 to 8-30, 9-1 to 9-28, 10-1 to 10-17 1-1 to 1-31, 4-1 to 4-25, 5-1 to 5-13, 6-1 to 6-42, 7-1 to 7-32 2-1 to 2-15, 3-1 to 3-11, 4-1 to 4-37, 5-1 to 5-20, 6-1 to 6-18, 7-1 to 7-11 1-1 to 1-12, 3-1 to 3-26, 4-1 to 4-26, 5-1 to 5-19 1-2
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		The Proponent shall explain methodologies for baseline data collection, evaluation of the adequacy of data, confidence levels associated with baseline data, and identification of significant gaps in knowledge and understanding. The associated uncertainties and the steps to be taken to fill information gaps should be discussed.		3 4 5 6 7 8 9	3 All All All All All 1	3.2, 3.3.1, 3.3.5 X.1 X.1 X.1 X.1 X.1 1.2.2	3-44 to 3-50, 3-50 to 3-51, 3-53 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		The Proponent should consider other available information containing baseline data related to the Project region, including a review of published literature, technical scientific reports, and peer-reviewed scientific literature to present a complete picture of baseline conditions.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		To identify natural fluctuations and trends including cyclical and other recurrent phenomena, the Proponent shall collect baseline data to reflect sufficient time, depth and geographic broadness of both temporal and spatial scale (e.g. populations and distributions of wildlife VECs are known to fluctuate in cyclic trends over extensive time periods and geographic ranges).		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13 1-2 to 1-4

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7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		In order to understand the natural ecological conditions and the potential impacts from the Project on these conditions, the Proponent should consider the design of all biophysical environmental monitoring programs to ensure that the baseline data required is useful in understanding the relationship between the natural ecological conditions and the potential Project impacts on these conditions. This would improve interpretation of monitoring data in order to differentiate between natural variability and project-specific impacts.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		Furthermore, to ensure post-monitoring impact analysis is not confounded by temporal variation, the Proponent should incorporate reference site sampling as part of its routine baseline sampling.	Yes	4 5 6 7 8 9 10 Addendum 10	All All All All All 1 20 20	X.1 X.1 X.1 X.1 X.1 1.2.2 All All	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13 1-2 to 1-4 All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		The Proponent shall make any linkages explicit and describe the trade-offs. For example, deficiencies in baseline data increase uncertainties in the prediction of potential impacts, and consequently require an intensification of corresponding monitoring and mitigation programs (Section 9.3), and follow up and adaptive management plans (Section 9.7).		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 All	X.5.1, X.5.4 X.5.1, X.5.4 X.5.1, X.5.4 X.5.1, X.5.4 X.5.1, 1.5.4, 3.5.5, 4.5.4, 5.5.4 All	1-15 to 1-20, 1-28, 2-11 to 2-14, 2-22 to 2-23 4-26 to 4-28, 4-32 to 4-50, 5-131 to 5-143, 5-191 to 5-195, 6-37 to 6-40, 6-64 to 6-67, 7-18 to 7-22, 7-46 to 7-48, 8-32 to 8-37, 8-65 to 8-68, 9-30 to 9-35, 9-54 to 9-55, 10-22 to 10-25, 10-48 to 10-51 1-41 to 1-43, 1-46 to 1-52, 4-26 to 4-31, 4-45 to 4-56, 5-14 to 5-19, 5-31 to 5-35, 6-44 to 6-47, 6-70, 7-34 to 7-37, 7-56 2-16 to 2-20, 2-33 to 2-39, 3-12 to 3-16, 3-217 to 3-30, 4-40 to 4-43, 4-49, 5-22 to 5-25, 5-31, 6-20 to 6-25, 6-38 to 6-39, 7-15 to 7-18, 7-36 1-15 to 1-16, 1-26, 3-42 to 3-46, 3-98 to 3-101, 4-33 to 4-38, 4-55 to 4-57, 5-23 to 5-25, 5-36 to 5-61 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION COLLECTION		The description of the existing baseline and the environmental trends should include a consideration of past projects and activities carried out by the Proponent and/or others within the RSA.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-1 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.4 USE OF EXISTING INFORMATION		In preparing its EIS, the NIRB expects that the Proponent will rely on the use of existing information and available results of surveys and studies completed in the Project region or in Nunavut by other developers, government agencies, organizations, institutions, regional authorities and individual researchers as such may lend information as pertaining to the Project and/or the environment. For example, 'lessons learned' already exist in relation to previous and/or currently active projects in Nunavut (e.g. the Meadowbank Gold Mine, the Jericho Diamond Mine, the Doris North Gold Mine, Ekati and Diavik Diamond Mines, etc.) and this information should be captured by the Proponent.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-1 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.4 USE OF EXISTING INFORMATION		When using existing information to meet the requirements of various sections of the EIS Guidelines, the Proponent should either include the information directly in the EIS with clear references indicating the source of information (i.e. document, section, and page numbers), or use cross-references to direct reviewers (the document, section and page number) to where they may obtain the information within the EIS or its supporting documents.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.4 USE OF EXISTING INFORMATION		The Proponent must also clarify how representative the data are, clearly separating factual lines of evidence from inference, and state any limitations on the inferences or conclusions that can be drawn from them.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-1 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.4 USE OF EXISTING INFORMATION		If conflicting information is encountered from either scientific based or TK sources, it is suggested that these conflicting viewpoints be identified and presented in a balanced manner along with the Proponent's conclusions.		3 4 5 6 7 8 9	3 All All All All All 1	3.3.5 X.2 X.2 X.2 X.2 X.2 1.2.2	1-14 to 1-15, 2-22 to 2-23, 3-21 to 3-23, 4-18 to 4-19, 5-122 to 5-125, 6-22 to 6-33, 7-14 to 7-16, 8-25 to 8-30, 9-25 to 9-28, 10-15 to 10-17 1-10 to 1-11, 2-6 to 2-7, 3-30 to 3-33 1-29 to 1-31, 2-20 to 2-21, 3-14 to 3-19, 4-23 to 4-25, 5-12 to 5-13, 6-35 to 6-42, 7-25 to 7-32 1-31 to 1-32, 2-14 to 2-15, 3-10 to 3-11, 4-30 to 4-37, 5-11 to 5-20, 6-15 to 6-18, 7-9 to 7-11 1-11 to 1-12, 2-1 to 2-7, 3-25 to 3-27, 4-22 to 4-26, 5-15 to 5-20, 6-13 to 6-18 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.4 USE OF EXISTING INFORMATION		The EIS must clearly document any information or knowledge gaps encountered in the existing literature or other information sources, and discuss how these gaps might affect the ability to draw conclusions and the reliability of those conclusions drawn in the assessment.		4 5 6 7 8 9	All All All All All 1	X.1, X.2 X.1, X.2 X.1, X.2 X.1, X.2 X.1, X.2 1.2.2	1-1 to 1-11, 2-1 to 2-7, 3-1 to 3-33 1-1 to 1-15, 2-1 to 2-23, 3-1 to 3-33, 4-1 to 4-19, 5-1 to 5-125, 6-1 to 6-33, 7-1 to 7-16, 8-1 to 8-30, 9-1 to 9-28, 10-1 to 10-17 1-1 to 1-31, 2-1 to 2-21, 3-1 to 3-19, 4-1 to 4-25, 5-1 to 5-13, 6-1 to 6-42, 7-1 to 7-32 2-1 to 2-15, 3-1 to 3-11, 4-1 to 4-37, 5-1 to 5-20, 6-1 to 6-18, 7-1 to 7-11 1-1 to 1-12, 2-1 to 2-7, 3-1 to 3-27, 4-1 to 4-26, 5-1 to 5-20, 6-1 to 6-18 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	The spatial boundaries of the assessment of the Project, and its components, shall be determined on the basis of the Project's potential impacts on the particular biophysical, social and/or economic environment being addressed.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.3.2	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13 1-16 to 1-18

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Part	Guidelines Section		Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
	Section	Subsection						
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	In accordance with the NIRB's definition of local and regional study areas, the Proponent shall consider the following criteria when establishing spatial boundaries for the assessment of the Project:		-	-	-	-
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	i. The physical or socio-economic extent of project activities,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4 X.4 X.4 X.4 X.4 1.2.3.2	1-12 to 1-15, 2-8 to 2-11 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	ii. The extent of ecosystems potentially affected by the Project,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4 X.4 X.4 X.4 X.4 1.2.3.2, 1.3.4.3	1-12 to 1-15, 2-8 to 2-11, 3-33 to 3-42 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18, 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	iii. The extent to which traditional and contemporary land and resource use, including protected areas, and other harvesting activities could potentially be affected by the Project, and		8	4	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	iv. The size, nature and location of past, present, and reasonably foreseeable projects and activities which could interact with the items listed above.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.6.1 X.6.1 X.6.1 X.6.1 X.6.1 1.3.4	1-29 to 1-31, 2-23 to 2-25 4-56, 5-197 to 5-205, 6-69 to 6-70, 7-50 to 7-51, 8-70 to 8-71, 9-55 to 9-57, 10-51 to 10-53 1-56, 4-57 to 4-59, 5-37, 6-70, 7-56 2-39, 3-30, 4-50, 5-32, 6-39, 7-36 1-29, 3-104 to 3-112, 4-60 to 4-68, 5-61 1-39 to 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	The EIS shall define the spatial boundaries of the maximum area potentially affected by the Project, based on the boundaries for each individual type of impact, taking into account other relevant factors such as the migratory and/or life cycle of wildlife species where applicable, the socio-economic or other economic indicators.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4, X.6.1 X.4, X.6.1 X.4, X.6.1 X.4, X.6.1 X.4, X.6.1 1.2.3.2, 1.3.4.3	1-12 to 1-15, 1-29 to 1-31, 2-8 to 2-11, 2-23 to 2-25 4-26, 4-56, 5-128 to 5-131, 5-197 to 5-205, 6-34 to 6-37, 6-69 to 6-70, 7-17 to 7-18, 7-50 to 7-51, 8-31 to 8-33, 8-70 to 8-71, 9-29 to 9-30, 9-55 to 9-57, 10-18 to 10-22, 10-51 to 10-53 1-32 to 1-41, 1-56, 4-25 to 4-26, 4-57 to 4-59, 5-13 to 5-14, 5-37, 6-43 to 6-44, 6-70, 7-33 to 7-34, 7-56 2-15 to 2-16, 2-39, 3-11 to 3-12, 3-30 to 3-33, 4-32 to 4-35, 4-50, 5-18 to 5-21, 5-32, 6-19 to 6-20, 6-39 to 6-42, 7-15, 7-36 1-12 to 1-15, 1-29, 3-41 to 3-42, 3-104 to 3-112, 4-33, 4-60 to 4-68, 5-20 to 5-23, 5-61 1-16 to 1-18, 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	Identification of spatial boundaries should also take into account various impact pathways such as pollutant transport and bioaccumulation mechanisms.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4, X.5.1 X.4, X.5.1 X.4, X.5.1 X.4, X.5.1 X.4, X.5.1 1.2.3.2, 1.3.4.3	1-12 to 1-15, 2-8 to 2-11 4-26 to 4-28, 5-128 to 5-134, 6-34 to 6-40, 7-17 to 7-22, 8-31 to 8-37, 9-29 to 9-35, 10-18 to 10-25 1-32 to 1-41, 4-25 to 4-29, 5-13 to 5-19, 6-43 to 6-47, 7-33 to 7-37 2-15 to 2-20, 3-11 to 3-16, 4-39 to 4-43, 5-21 to 5-25, 6-19 to 6-25, 7-12 to 7-18 1-12 to 1-16, 3-41 to 3-46, 4-33 to 4-38, 5-20 to 5-25 1-16 to 1-18, 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	Traditional and contemporary land use and occupancy for the past, present, and future, should be considered in addition to other factors when determining spatial boundaries for the impact assessment of the Project.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 1.2.3.2, 1.3.4.3	1-10 to 1-11, 1-12 to 1-20, 1-29 to 1-31, 2-6 to 2-7, 2-8 to 2-14, 2-23 to 2-25 4-18 to 4-19, 4-26 to 4-28, 4-56, 5-122 to 5-125, 5-128 to 5-134, 5-197 to 5-205, 6-22 to 6-33, 6-34 to 6-40, 6-69 to 6-70, 7-14 to 7-16, 7-17 to 7-22, 7-50 to 7-51, 8-25 to 8-30, 8-31 to 8-37, 8-70 to 8-71, 9-25 to 9-28, 9-29 to 9-35, 9-55 to 9-57, 10-15 to 10-18, 10-18 to 10-25, 10-51 to 10-53 1-29 to 1-31, 1-32 to 1-43, 1-56, 4-23 to 4-31, 4-57 to 4-59, 5-12 to 5-19, 5-37, 6-35 to 6-47, 6-70, 7-25 to 7-37, 7-56 2-14 to 2-20, 2-39 to 2-40, 3-10 to 3-12, 3-12 to 3-16, 3-30 to 3-32, 4-30 to 4-40, 4-40 to 4-43, 4-50, 5-11 to 5-22, 5-21 to 5-25, 5-32, 6-15 to 6-24, 6-39 to 6-42, 7-9 to 7-18, 7-36 1-11 to 1-12, 1-12 to 1-16, 1-29, 3-25 to 3-27, 3-41 to 3-46, 3-104 to 3-112, 4-22 to 4-26, 4-33 to 4-38, 4-60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	The Proponent is not required to provide a comprehensive baseline description of the environment at each of the above scales, but must provide sufficient detail to address the relevant environmental and cumulative effects of the Project. For example, the spatial boundaries for archaeological studies related to burial grounds in the Project area might reasonably be expected to differ from those for studies on migration of caribou in the area.		4 5 6 7 8 9	All All All All All 1	X.1 X.1 X.1 X.1 X.1 1.2.2	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-1 to 6-13 1-2 to 1-4
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	The boundaries for the assessment of socio-economic impacts shall be based on an analysis of the socio-economic effects directly and indirectly associated with the Project. In all cases, priority focus shall be directed to potential impacts within Nunavut, but the EIS shall also consider potential impacts outside of Nunavut, wherever there is reason to anticipate that they might occur.		8	3	3.4, 3.6.1.1	3-41 to 3-42, 3-105
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	The EIS must contain a justification and rationale for all spatial boundaries and scales chosen.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4, X.6.1 X.4, X.6.1 X.4, X.6.1 X.4, X.6.1 X.4, X.6.1 1.2.3.2, 1.3.4.3	1-12 to 1-15, 1-29 to 1-31, 2-8 to 2-11, 2-23 to 2-25 4-26, 4-56, 5-128 to 5-131, 5-197 to 5-205, 6-34 to 6-37, 6-69 to 6-70, 7-17 to 7-18, 7-50 to 7-51, 8-31 to 8-33, 8-70 to 8-71, 9-29 to 9-30, 9-55 to 9-57, 10-18 to 10-22, 10-51 to 10-53 1-32 to 1-41, 1-56, 4-25 to 4-26, 4-57 to 4-59, 5-13 to 5-14, 5-37, 6-43 to 6-44, 6-70, 7-33 to 7-34, 7-56 2-15 to 2-16, 2-39, 3-11 to 3-12, 3-30 to 3-33, 4-32 to 4-35, 4-50, 5-18 to 5-21, 5-32, 6-19 to 6-20, 6-39 to 6-42, 7-15, 7-36 1-12 to 1-15, 1-29, 3-41 to 3-42, 3-104 to 3-112, 4-33, 4-60 to 4-68, 5-20 to 5-23, 5-61 1-16 to 1-18, 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	The following general spatial boundaries are suggested, noting that the LSAs and RSAs may vary between disciplines and between VECs/VSECs, as they represent the likely distribution of project effects on individual VECs/VSECs:		-	-	-	-

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Part	Guidelines Section		Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
	Section	Subsection						
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	i. Local Study Area (LSA): the Local Study Area shall be defined as that area where there exists the reasonable potential for immediate impacts due to Project activities, ongoing normal activities, or to possible abnormal operating conditions. The Local Study Area includes the Project facilities, buildings and infrastructure, and all areas proposed for Project activities, including entire proposed shipping routes in the NSA.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5		1-12 to 1-15, 2-8 to 2-11 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	ii. Regional Study Area (RSA): the Regional Study Area shall be defined as the area within which there exists the potential for direct, indirect, and/or cumulative biophysical and socio-economic effects. This area includes lands, communities, and portions of Nunavut and other regions of Canada that may be relevant to the assessment of wide-spread effects of the Project. The Proponent is advised to duly consider the transboundary implications of impacts to identified VECs/VSECs as results of air transportation and marine shipping for the Project.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4 X.4 X.4 X.4 X.4 1.2.3.2	1-12 to 1-15, 2-8 to 2-11 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.2 Temporal Boundaries	The EIS shall determine the temporal boundaries separately for the construction, operation, maintenance, temporary closure, final closure, and post-closure periods, including planned exploration to be undertaken in conjunction with the Project. A temporary closure period (i.e. care & maintenance) is understood to encompass the period of untimely closure of the Project and specifies care and maintenance activities while the final closure period would include decommissioning and reclamation activities. The post-closure period covers the timespan after the Project has been decommissioned and abandoned, once the site has been reclaimed and returned as much as possible to its natural state. The temporal boundaries of the post-closure period may encompass many years, depending on the site, the type of Project and the methods of closure.)		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4 X.4 X.4 X.4 X.4 1.2.3.2	1-12 to 1-15, 2-8 to 2-11 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.2 Temporal Boundaries	The Proponent shall also consider, where applicable, the temporal bounds of Project alternatives under assessment, noting where they differ from those for the preferred option.		2 4 5 6 7 8 9	4 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	Appendix V2-4C X.4 X.4 X.4 X.4 X.4 1.2.3.2	All 1-12 to 1-15, 2-8 to 2-11 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.2 Temporal Boundaries	As is the case for the determination of spatial boundaries, the temporal boundaries must indicate the range of appropriate scales at which particular baseline descriptions and the assessment of environmental effects are presented.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4 X.4 X.4 X.4 X.4 1.2.3.2	1-12 to 1-15, 2-8 to 2-11 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.2 Temporal Boundaries	For all temporal boundaries, the EIS shall give a rationale and justification for the boundaries chosen, including a description of any consultation with members of the public or technical experts. In doing so, the Proponent shall give consideration to climate change, including warming trends, which might influence some of the impact assessment. This may include, for example, where there may be no immediate danger of permafrost degradation, but taking climate change into consideration would have the Proponent incorporate the future possibility of this risk into the discussion of Project design where applicable.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.4 X.4 X.4 X.4 X.4 1.2.3.2	1-12 to 1-15, 2-8 to 2-11 4-26, 5-128 to 5-131, 6-34 to 6-37, 7-17 to 7-18, 8-31 to 8-32, 9-29 to 9-30, 10-18 to 10-22 1-32 to 1-41, 4-25 to 4-26, 5-13 to 5-14, 6-43 to 6-44, 7-33 to 7-34 2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 5-22, 6-19 to 6-20, 7-12 to 7-15 1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.2 Temporal Boundaries	The Proponent shall also give due consideration to traditional and contemporary land use and occupancy (past, present, and future), in addition to other factors to be considered in its determination of temporal boundaries for the Project.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1 1.2.3.2, 1.3.4.3	1-10 to 1-15, 1-29 to 1-31, 2-6 to 2.7, 2.8 to 2-14, 2-23 to 2-25 4-18 to 4-19, 4-26 to 4-28, 4-56, 5-122 to 5-125, 5-128 to 5-134, 5-197 to 5-205, 6-22 to 6-33, 6-34 to 6-40, 6-69 to 6-70, 7-14 to 7-16, 7-17 to 7-22, 7-50 to 7-51, 8-25 to 8-30, 8-31 to 8-37, 8-70 to 8-71, 9-25 to 9-28, 9-29 to 9-35, 9-55 to 9-57, 10-15 to 10-18, 10-18 to 10-25, 10-51 to 10-53 1-29 to 1-31, 1-32 to 1-43, 1-56, 4-23 to 4-31, 4-57 to 4-59, 5-12 to 5-19, 5-37, 6-35 to 6-44, 6-70, 7-33 to 7-34, 7-56 2-14 to 2-20, 2-39 to 2-40, 3-10 to 3-12, 3-12 to 3-16, 3-30 to 3-32, 4-30 to 4-40, 4-40 to 4-43, 4-50, 5-11 to 5-22, 5-21 to 5-25, 5-32, 6-15 to 6-24, 6-39 to 6-42, 7-9 to 7-18, 7-36 1-11 to 1-12, 1-12 to 1-16, 1-29, 3-25 to 3-27, 3-41 to 3-46, 3-104 to 3-112, 4-22 to 4-26, 4-33 to 4-38, 4-60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		The EIS shall include a clear listing of those VECs and VSECs, processes, and interactions between the VECs and VSECs that are likely to be affected by the Project as well as those identified in these Guidelines.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.2 X.5.2 X.5.2 X.5.2 1.5.2, 3.5.3, 4.5.2, 5.5.2 1.2.3.1	1-20 to 1-27, 2-14 to 2-20 4-28 to 4-30, 5-134 to 5-187, 6-40 to 6-61, 7-22 to 7-43, 8-37 to 8-62, 9-35 to 9-51, 10-25 to 10-46 1-43, 4-31 to 4-38, 5-19 to 5-25, 6-47 to 6-61, 7-37 to 7-46 2-20 to 2-26, 3-16 to 3-22, 4-43 to 4-46, 5-25 to 5-29, 6-25 to 6-36, 7-17 to 7-34 1-16 to 1-24, 3-48 to 3-95, 4-38 to 4-53, 5-25 to 5-31 1-5 to 1-16

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7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		If relevant, the location of these VECs/VSECs should be indicated on maps or charts, indicating to whom these components are valued and the reasons why, including ecosystemic, social, economic, recreational, tourism, aesthetic or other considerations.		4, 5, 6, 7, 8	All	X.1	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-1 to 6-13
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		The Proponent should also indicate the specific geographical areas or ecosystems that are of particular concern, and their relation to the broader regional environment and economy.		4, 5, 6, 7, 8	All	X.1	1-1 to 1-14, 2-1 to 2-22, 3-1 to 3-21, 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 2-1 to 2-20, 3-1 to 3-14, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-1 to 6-13
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		The Proponent shall explain and justify methods used to predict potential adverse and beneficial effects of the Project on each VEC and VSEC, the interactions among these components, and the relations of these components with the environment. In particular, the Proponent must describe how the VECs were selected and what methods were used to predict and assess the adverse environmental effects of the Project on these components. The value of a component should be considered not only in relation to its role in the ecosystem as a VEC, but also the value placed on it by humans for traditional use and cultural connection as a VSEC. This should be considered not only for components of the environment but also the land directly affected by the Project.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.2 X.5.1, X.5.2 X.5.1, X.5.2 X.5.1, X.5.2 X.5.1, X.5.2 1.2.3.1	1-15 to 1-27, 2-11 to 2-16 4-26 to 4-30, 5-131 to 5-187, 6-37 to 6-61, 7-18 to 7-34, 8-32 to 8-62, 9-30 to 9-51, 10-22 to 10-46 1-41 to 1-43, 4-26 to 4-38, 5-14 to 5-25, 6-44 to 6-61, 7-34 to 7-46 2-16 to 2-26, 3-12 to 3-22, 4-40 to 4-46, 5-22 to 5-29, 6-20 to 6-36, 7-15 to 7-34 1-15 to 1-24, 3-42 to 3-48, 4-33 to 4-53, 5-23 to 5-31 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		The Proponent shall provide a rationale for the selection of communities and relevant studies for which baseline data relating to or supporting the discussion and analysis of VECs and VSECs are provided.		8	3, 4		3.1, 3.4, 3.5.3, 4.1, 4.4, 4.5.3 3-1 to 3-24, 3-41 to 3-42, 3-48 to 3-95, 4-1 to 4-22, 4-33, 4-53 to 4-55
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		The Proponent must validate the selected VECs/VSECs, especially those VECs/VSECs that will be used to assess the significance of Project component interactions, through consultation with the potentially affected communities. Any uncertainties in the validation must be documented. (The NIRB strongly recommends that the Proponent continue to seek input from communities, government agencies and other parties, as well as to incorporate the use of TK to identify the VECs and VSECs.)		3 4 5 6 7 8 9	1, 3 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	1.6.2.2, 3.3.2 X.5.1, X.5.2 X.5.1, X.5.2 X.5.1, X.5.2 X.5.1, X.5.2 X.5.1, X.5.2 1.2.3.1	1-38, 3-51 1-15 to 1-27, 2-11 to 2-20 4-26 to 4-30, 5-131 to 5-187, 6-37 to 6-61, 7-18 to 7-34, 8-32 to 8-62, 9-30 to 9-51, 10-22 to 10-46 1-41 to 1-43, 4-26 to 4-38, 5-14 to 5-25, 6-44 to 6-61, 7-34 to 7-46 2-16 to 2-26, 3-12 to 3-22, 4-40 to 4-46, 5-22 to 5-29, 6-20 to 6-36, 7-15 to 7-34 1-15 to 1-24, 3-42 to 3-48, 4-33 to 4-53, 5-23 to 5-31 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		All VECs and VSECs used in the assessment should have clearly identified indicators as outlined in Section 7.13.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5.1, X.5.2	1-15 to 1-27, 2-11 to 2-20 4-26 to 4-30, 5-131 to 5-187, 6-37 to 6-61, 7-18 to 7-34, 8-32 to 8-62, 9-30 to 9-51, 10-22 to 10-46 1-41 to 1-43, 4-26 to 4-38, 5-14 to 5-25, 6-44 to 6-61, 7-34 to 7-46 2-16 to 2-26, 3-12 to 3-22, 4-40 to 4-46, 5-22 to 5-29, 6-20 to 6-36, 7-15 to 7-34 1-15 to 1-24, 3-42 to 3-48, 4-33 to 4-53, 5-23 to 5-31
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		The Proponent is expected to identify the components and activities of the Project that are anticipated to interact in adverse or beneficial ways with the selected VECs/VSECs and the interaction. These components and activities could be grouped into the following categories:					
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		i. Components and activities related to construction, operation, temporary closure, final closure and post-closure of the Project, and		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.2 X.5.2 X.5.2 X.5.2 1.5.2, 3.5.3, 4.5.2, 5.5.2 1.2.4.1	1-20 to 1-27, 2-14 to 2-20 4-28 to 4-30, 5-134 to 5-187, 6-40 to 6-61, 7-22 to 7-43, 8-37 to 8-62, 9-35 to 9-51, 10-25 to 10-46 1-43, 4-31 to 4-38, 5-19 to 5-25, 6-47 to 6-61, 7-37 to 7-46 2-20 to 2-26, 3-16 to 3-22, 4-43 to 4-46, 5-25 to 5-29, 6-25 to 6-36, 7-17 to 7-34 1-16 to 1-24, 3-48 to 3-95, 4-38 to 4-53, 5-25 to 5-31 1-19
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		ii. Components and activities induced by the Project development, which may occur in the reasonably foreseeable future.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.2 X.5.2 X.5.2 X.5.2 1.5.2, 3.5.3, 4.5.2, 5.5.2 1.2.4.1	1-20 to 1-27, 2-14 to 2-20 4-28 to 4-30, 5-134 to 5-187, 6-40 to 6-61, 7-22 to 7-43, 8-37 to 8-62, 9-35 to 9-51, 10-25 to 10-46 1-43, 4-31 to 4-38, 5-19 to 5-25, 6-47 to 6-61, 7-37 to 7-46 2-20 to 2-26, 3-16 to 3-22, 4-43 to 4-46, 5-25 to 5-29, 6-25 to 6-36, 7-17 to 7-34 1-16 to 1-24, 3-48 to 3-95, 4-38 to 4-53, 5-25 to 5-31 1-19
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS		The Proponent should consider the following list in the selection of VECs and VSECs (this list is not meant to be comprehensive nor exhaustive, but should give the Proponent an appropriate starting point for the identification of relevant VECs and VSECs):		-	-	-	-
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	i. Air quality,		4 9	1 1	1.3.2 1.2.3.1	1-12 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	ii. Climate and Meteorology,		4 9	3 1	3.3.2 1.2.3.1	3-33 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	iii. Noise and vibration,		4 9	2 1	2.3.2 1.2.3.1	2-8 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	iv. Terrestrial environment, including terrestrial ecology, landforms and soils, and permafrost and ground stability,		5 9	2, 3, 4 1	2.3, 3.3, 4.3 1.1, 1.2, 1.3, 1.4	2-23, 3-33, 4-19 to 4-26 1-1 to 1-53

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7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	v. Geological features including discussion of surficial and bedrock geology and geochemistry,		5 9	1 1	All 1.1, 1.2, 1.3, 1.4	All 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	vi. Hydrological features (including water quantity) and discussion of hydrogeology,		6 9	1, 2 1	1.3, 2.3 1.1, 1.2, 1.3, 1.4	1-31 to 1-33, 2-21 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	vii. Groundwater and surface water quality,		6 9	2, 4 1	2.3, 4.3 1.1, 1.2, 1.3, 1.4	2-21, 4-25 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	viii. Sediment quality,		6 9	5 1	5.3 1.1, 1.2, 1.3, 1.4	5-13 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	ix. Freshwater aquatic environment, including aquatic ecology, aquatic biota (including representative fish as defined in the Fisheries Act, benthic invertebrates, and other aquatic organisms), habitat (including fish habitat as defined in the Fisheries Act), and commercial, recreational and Aboriginal fisheries as defined in the Fisheries Act,		6 9	3, 4, 5, 6, 7 1	3.3, 4.3, 5.3, 6.3, 7.3 1.1, 1.2, 1.3, 1.4	3-19, 4-25, 5-13, 6-42 to 6-43, 7-32 to 7-33 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	x. Vegetation,		5 9	4 1	4.3 1.1, 1.2, 1.3, 1.4	4-19 to 4-26 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	xi. Terrestrial wildlife and wildlife habitat (including representative terrestrial mammals to include caribou, caribou habitat and behaviour, muskoxen, wolverine, polar bears, brown bears (including both brown and grizzly), wolves, and less conspicuous species that may be maximally exposed to contaminants), and wildlife migration routes and crossings,		5 9	5, 6, 7, 8 1	5.3, 6.3, 7.3, 8.3 1.1, 1.2, 1.3, 1.4	5-125 to 5-128, 6-33 to 6-34, 7-16 to 7-17, 8-30 to 8-31 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	xii. Birds and their habitat including raptors, migratory birds, and seabirds,		5 7 9	9, 10 6 1	9.3, 10.3 6.3 1.1, 1.2, 1.3, 1.4	9-28 to 9-29, 10-17 to 10-18 6-18 to 6-19 1-1 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	xiii. Marine environment, including marine ecology, marine water and sediment quality, marine biota (including fish and Species at Risk), marine habitat, and commercial, recreational and Aboriginal fisheries as defined in the Fisheries Act, and		7 9	1, 2, 3, 4, 5 1	X.3 1.2.3.1	1-32, 2-15, 3-11, 4-37 to 4-38, 4-37 to 4-38, 5-20 to 5-21 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.1 Valued Ecosystem Components	xiv. Marine wildlife, including marine mammals such as whales and seals.		7 9	6, 7 1	6.3, 7.3 1.2.3.1	6-18 to 6-19, 7-11 to 7-12 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	i. Economic development and opportunities,		8 9	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	ii. Employment,		8 9	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	iii. Education and training,		8 9	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	iv. Contracting and business opportunities,		8 9	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	v. Population demographics,		8 9	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	vi. Traditional activity and knowledge including land use and mobility, food security, language, and cultural and commercial harvesting,		3 8 9	3 4 1	3.3.2 4.3 1.2.3.1	3-51 4-26 to 4-33 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	vii. Non-traditional land use and resource use,		8 9	4 1	4.3 1.2.3.1	4-26 to 4-33 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	viii. Heritage resources including archaeology, palaeontology, and cultural resources,		8 9	1, 2 1	1.3, 2.3 1.2.3.1	1-12, 2-7 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components	ix. Health and well-being including individual and community wellness, family and community cohesion, and potential indirect effects of project on frequency and types of crime incidents,		8 9	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16

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7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components		x. Community infrastructure and public service, including housing, and		8 9	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC COMPONENTS	7.6.2 Valued Socio-Economic Components		xi. Health and safety including worker and public safety.	Yes	8 40 Addendum 10	6 5 5	6.3, 6.4 All All	6-18 to 6-178 All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY			In describing the study methodologies, the Proponent shall explain how scientific, engineering, traditional, community, and any other knowledge was used to construct its studies and reach its conclusions.		3 4 5 6 7 8	1, 3 All All All All All	1.6.1, 3.2 X.1, X.2 X.1, X.2 X.1, X.2 X.1, X.2 X.1, X.2	1-36 to 1-37, 3-44 to 3-50 1-1 to 1-11, 2-1 to 2-7, 3-1 to 3-33 1-1 to 1-15, 2-1 to 2-23, 3-1 to 3-33, 4-1 to 4-19, 5-1 to 5-125, 6-1 to 6-33, 7-1 to 7-16, 8-1 to 8-30, 9-1 to 9-28, 10-1 to 10-17 1-1 to 1-31, 2-1 to 2-21, 3-1 to 3-19, 4-1 to 4-25, 5-1 to 5-13, 6-1 to 6-42, 7-1 to 7-32 2-1 to 2-15, 3-1 to 3-11, 4-1 to 4-37, 5-1 to 5-20, 6-1 to 6-18, 7-1 to 7-11 1-1 to 1-12, 2-1 to 2-7, 3-1 to 3-27, 4-1 to 4-26, 5-1 to 5-20, 6-2 to 6-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY			The Proponent shall identify and justify all assumptions and substantiate all conclusions presented.		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY			All data, models, and studies must be documented so that the analyses are transparent and reproducible.		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY			All data collection methods shall be specified, and the uncertainty, reliability and sensitivity of methods and models used to reach conclusions shall also be indicated.		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY			Where any study is presented as an independent appendix in the EIS, the Proponent should also provide an overview of the study in the main document, including the methodology used, assumptions made, interpretation of the results, limitations, and provide appropriate cross-referencing to the specific study as necessary.	Yes	2, 3, 4, 5, 6, 7, 8, 9, 40 10 Addendum 10	All All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All All	All All All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY			To support the main conclusions presented in its EIS, the Proponent shall broadly identify significant gaps of knowledge and understanding, the steps taken by the Proponent to address these gaps, and how these gaps impacted those conclusions.		2, 3, 4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY			Where the conclusions drawn from scientific and technical knowledge are in conflict with the conclusions drawn from community and/or TK sources, the EIS shall contain a balanced presentation of the issues and a statement of the Proponent's conclusions.		3 4, 5, 6, 7, 8	3 All	3.3.5 All	3-53 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.1 Acquisition Methodology and Documentation		The Proponent shall specify and justify all sampling protocols and statistical processes employed in both the biophysical and social contexts.		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.1 Acquisition Methodology and Documentation		The scope and reliability of the results, the possibility of reproducing the analyses, and quality control of laboratory analyses shall be analyzed. All data that is based on environmental sampling involves some variability, which must be determined in order to assess the scope and reliability of the data.		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.1 Acquisition Methodology and Documentation		The Proponent shall specify and justify all sampling protocols and statistical processes employed in both the biophysical and social context.		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.1 Acquisition Methodology and Documentation		The reliability and scope of the results, the possibility of reproducing the analyses, and quality control of laboratory analyses shall be analyzed.		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.1 Acquisition Methodology and Documentation		The Proponent shall, for all data obtained from environmental sampling, provide a dispersion or variability coefficient (variance, standard deviation, confidence interval, etc.) and justification for sample size used.		4 5 6 7 8	All	X.1	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-15, 2-1 to 2-24, 3-1 to 3-35, 4-1 to 4-17, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-13, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-31, 2-1 to 2-20, 3-1 to 3-19, 4-1 to 4-23, 5-1 to 5-13, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.1 Acquisition Methodology and Documentation		When designing data collection or baseline studies, it is recommended that the Proponent coordinate its programs with relevant developments, government organizations, regional authorities, and researchers, as the design of any study or collection of data may be relevant to ongoing programs established or supported by the Nunavut General Monitoring Program (NGMP), as per Section 12.7.6 of the NLCA.		4 5 6 7 8	All	X.1	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-15, 2-1 to 2-24, 3-1 to 3-35, 4-1 to 4-17, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-13, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-31, 2-1 to 2-20, 3-1 to 3-19, 4-1 to 4-23, 5-1 to 5-13, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.2 Data Analysis and Presentation		Use of qualitative criteria to describe the environment, compare various design and development options, or assess impacts, requires each criteria to be defined, their relative importance stated, and the differences between the categories (e.g. desirable, acceptable, unacceptable) indicated and justified.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5.1	1-15 to 1-20, 2-11 to 2-14 4-26 to 4-28, 5-131 to 5-134, 6-37 to 6-40, 7-18 to 7-22, 8-32 to 8-37, 9-30 to 9-35, 10-22 to 10-25 1-41 to 1-43, 4-26 to 4-31, 5-14 to 5-19, 6-44 to 6-47, 7-34 to 7-37 2-16 to 2-20, 3-12 to 3-16, 4-40, 5-22 to 5-25, 6-20 to 6-25, 7-15 to 7-18 1-15 to 1-16, 3-42 to 3-46, 4-33 to 4-38, 5-23 to 5-25
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.2 Data Analysis and Presentation		The Proponent shall corroborate all analyses, interpretations of results, and conclusions with a review of relevant literature, providing direct references with an indication of their public availability.		4, 5, 6, 7, 8	All	All	All

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	Section	Subsection						
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.2 Data Analysis and Presentation	Any TK references shall be indicated and sources identified, or referenced appropriately in cases where TK proprietary or confidentiality concerns exist.		3 4 5 6 7 8	3 All All All All All	3.1, 3.2, 3.3, Appendices V3-3A, V3-3B, V3-3C, V3-3D X.2 X.2 X.2 X.2 X.2	3-1 to 3-53, All, All, All, All 1-10 to 1-11, 2-6 to 2-7, 3-30 to 3-33 1-14 to 1-15, 2-22 to 2-23, 3-21 to 3-33, 4-18 to 4-19, 5-122 to 5-125, 6-22 to 6-33, 7-14 to 7-16, 8-25 to 8-30, 9-25 to 9-28, 10-15 to 10-17 1-29 to 1-31, 2-20 to 2-21, 3-14 to 3-19, 4-23 to 4-25, 5-12 to 5-13, 6-35 to 6-42, 7-25 to 7-32 1-31 to 1-32, 2-14 to 2-15, 3-10 to 3-11, 4-30 to 4-37, 5-11 to 5-20, 6-15 to 6-18, 7-9 to 7-11 1-11 to 1-12, 2-1 to 2-7, 3-25 to 3-27, 4-22 to 4-26, 5-15 to 5-20, 6-13 to 6-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY	7.7.2 Data Analysis and Presentation	The Proponent shall correlate its conclusions about impact significance with relevant guidelines or regional policies, discussing, with direct references, any thresholds referred to or adopted from these documents.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5.1, X.5.5, X.10	1-15 to 1-20, 1-28 to 1-29, 1-33, 2-11 to 2-14, 2-23, 2-27 4-26 to 4-28, 4-50 to 4-55, 4-63 to 4-65, 5-131 to 5-134, 5-195 to 5-197, 5-249 to 5-250, 6-37 to 6-40, 6-67 to 6-69, 6-90, 7-18 to 7-22, 7-48 to 7-50, 7-69 to 7-70, 8-32 to 8-37, 8-68 to 8-70, 8-100 to 8-101, 9-30 to 9-35, 9-55, 9-63 to 9-64, 10-22 to 10-25, 10-51, 10-58 to 10-59 1-41 to 1-43, 1-52 to 1-55, 1-57, 4-26 to 4-31, 4-56 to 4-57, 4-63, 5-14 to 5-19, 5-35 to 5-37, 5-42, 6-44 to 6-47, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-61 2-16 to 2-20, 2-39, 2-45, 3-12 to 3-16, 3-30, 3-36, 4-40, 4-50, 4-54, 5-22 to 5-25, 5-22 to 5-32, 5-37, 6-20 to 6-25, 6-39, 6-55, 7-15 to 7-18, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-31, 3-42 to 3-46, 3-101 to 3-104, 3-130, 4-33 to 4-38, 4-57 to 4-60, 4-85, 5-23 to 5-25, 5-61, 5-62
7.0 IMPACT ASSESSMENT METHODOLOGY	7.8 IMPACT ASSESSMENT APPROACH		The required impact assessment, including the significance analysis, shall describe the effect considered, the significance of the effect and justification for that determination, and how the effect fits into a cumulative effects analysis and transboundary effects analysis. In this assessment, emphasis shall be placed on significant impacts to VECs and VSECs and the interactions between VECs and VSECs, extending across all Project phases as applicable.		1 4 5 6 7 8	Executive Summary, 5, 8 12 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All X.5, X.6, X.7 X.5, X.6, X.7 X.5, X.6, X.7 X.5, X.6, X.7 X.5, X.6, X.7	All 1-15 to 1-31, 2-11 to 2-25 4-26 to 4-62, 5-131 to 5-242, 6-37 to 6-82, 7-18 to 7-63, 8-33 to 8-94, 9-30 to 9-58, 10-22 to 10-54 1-41 to 1-56, 4-26 to 4-59, 5-14 to 5-38, 6-44 to 6-71, 7-34 to 7-57 2-16 to 2-41, 3-12 to 3-33, 4-40 to 4-52, 5-22 to 5-34, 6-20 to 6-50, 7-15 to 7-37 1-15 to 1-29, 3-42 to 3-124, 4-33 to 4-82, 5-23 to 5-61
7.0 IMPACT ASSESSMENT METHODOLOGY	7.8 IMPACT ASSESSMENT APPROACH		The biophysical elements and socio-economic elements potentially impacted by the Project components, activities and undertakings shall be referred to in the categories listed in Section 8.0. Based on the predicted potential adverse effects, the proposed mitigation measures shall be addressed in the main document following the relevant impact assessment of each VEC, and cross referenced to the specific management plan where detailed information is located as listed in Section 9.0.		1 4 5 6 7 8	Executive Summary, 5, 8 12 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All X.5.3, X.8 X.5.3, X.8 X.5.3, X.8 X.5.3, X.8 X.5.3, X.8	1-27 to 1-28, 1-31 to 1-33, 2-20 to 2-22, 2-25 to 2-26 4-30 to 4-32, 4-62 to 4-63, 5-187 to 5-191, 5-242 to 5-246, 6-61 to 6-64, 6-82 to 6-88, 7-43 to 7-46, 7-63 to 7-68, 8-62 to 8-65, 9-88 to 9-92, 9-51 to 9-54, 9-58 to 9-62, 10-46 to 10-48, 10-54 to 10-57 1-43 to 1-46, 1-56 to 1-57, 4-38 to 4-45, 4-59 to 4-62, 5-25 to 5-31, 5-28 to 5-41, 6-61 to 6-70, 6-71 to 6-74, 7-46 to 7-56, 7-57 to 7-60 2-26 to 2-33, 2-41 to 2-45, 3-22 to 3-27, 3-33 to 3-36, 4-47 to 4-50, 4-52 to 4-54, 5-29 to 5-31, 5-34 to 5-37, 6-36 to 6-38, 6-50 to 6-53, 7-34 to 7-36, 7-37 to 7-40, 1-24 to 1-26, 1-29 to 1-30, 3-95 to 3-98, 3-124 to 3-128, 4-53 to 4-55, 4-82 to 4-84, 5-31 to 5-36, 5-61
7.0 IMPACT ASSESSMENT METHODOLOGY	7.8 IMPACT ASSESSMENT APPROACH		The impact assessment for each biophysical and socio-economic element can be linked to a list of project components and activities deemed responsible for the potential impacts. Vice versa, a project component or activity can also be linked to various environment elements, in particular VECs and VSECs, on which it might potentially have impacts. A matrix or a comparable tool should be employed to identify all linkages between environmental elements, project components and activities and potential impacts, highlighting significant interactions between them.		4 5 6 7 8 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 2	X.5.2 X.5.2 X.5.2 X.5.2 1.5.2, 3.5.3, 4.5.2, 5.5.2 All	1-20 to 1-27, 2-14 to 2-20 4-28 to 4-30, 5-134 to 5-187, 6-40 to 6-61, 7-22 to 7-44, 8-37 to 8-62, 9-35 to 9-51, 10-25 to 10-46 1-43, 4-31 to 4-38, 5-19 to 5-25, 6-47 to 6-61, 7-37 to 7-46 2-20 to 2-26, 3-16 to 3-22, 4-43 to 4-46, 5-25 to 5-29, 6-25 to 6-36, 7-17 to 7-34 1-16 to 1-24, 3-48 to 3-95, 4-38 to 4-53, 5-25 to 5-31 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		The Proponent shall explain and justify the methods used for impact prediction, including: mathematical or numerical modeling, statistical modeling (e.g. variance and correlation analyses), analysis of sequential series, expert opinion, previous experiences, and the prediction from known tendencies and TK if applicable.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5.1, X.6.1	1-15 to 1-20, 1-29 to 1-31, 2-11 to 2-14, 2-23 to 2-25 4-26 to 4-28, 4-56, 5-131 to 5-134, 5-197 to 5-203, 6-37 to 6-40, 6-69 to 6-70, 7-18 to 7-22, 7-50 to 7-51, 8-32 to 8-37, 8-70 to 8-71, 9-30 to 9-35, 9-55 to 9-57, 10-22 to 10-24, 10-51 to 10-54 1-41 to 1-43, 1-56, 4-26 to 4-31, 4-57 to 4-59, 5-14 to 5-19, 5-37 to 5-38, 6-44 to 6-47, 6-70, 7-34 to 7-37, 7-56 2-16 to 2-20, 2-39, 3-12 to 3-16, 3-30, 4-40, 4-50, 5-22 to 5-25, 5-32, 6-20 to 6-25, 6-41, 7-15 to 7-18, 7-36 1-15 to 1-16, 1-29, 3-42 to 3-46, 3-104, 4-33 to 4-38, 4-60 to 4-68, 5-23 to 5-25, 5-61
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		All studies used in the prediction of impacts must be specified, the original authors identified, and the studies made public.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		All statements based on public consultation shall be justified and the sources and methodology specified.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		The choice of methodologies and interpretation of results shall be justified in light of current theories, knowledge and standards.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5, X.6 X.5, X.6 X.5, X.6 X.5, X.6 X.5, X.6 1.2, 1.3	1-15 to 1-31, 2-11 to 2-25 4-26 to 4-62, 5-131 to 5-242, 6-37 to 6-82, 7-18 to 7-63, 8-32 to 8-94, 9-30 to 9-58, 10-22 to 10-54 1-41 to 1-56, 4-26 to 4-59, 5-14 to 5-38, 6-44 to 6-70, 7-34 to 7-57 2-16 to 2-41, 3-12 to 3-32, 4-40 to 4-52, 5-22 to 5-34, 6-20 to 6-48, 7-15 to 7-37 1-15 to 1-29, 3-42 to 3-120, 4-33 to 4-78, 5-23 to 5-61 1-2 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		The Proponent shall assess the direct, indirect, short-term, and long-term impacts of the Project on the biophysical and socio-economic environments, and the interactions between them, focusing on the anticipated response of the VECs and VSECs.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All	All

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Part	Guidelines Section	Subsection	Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		The Proponent shall also assess the degree of uncertainty associated with each predicted effect. Where potential cumulative effects are identified, a discussion should be provided related to the CEA as outlined in Section 7.11 of these Guidelines.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.6.1 X.5.1, X.6.1 X.5.1, X.6.1 X.5.1, X.6.1 X.5.1, X.6.1 1.3	1-15 to 1-20, 1-29 to 1-31, 2-11 to 2-14, 2-23 to 2-25 4-26 to 4-28, 4-56, 5-131 to 5-134, 5-197 to 5-203, 6-37 to 6-40, 6-69 to 6-70, 7-18 to 7-22, 7-50 to 7-51, 8-32 to 8-37, 8-70 to 8-71, 9-30 to 9-35, 9-55 to 9-57, 10-22 to 10-24, 10-51 to 10-54 1-41 to 1-43, 1-56, 4-26 to 4-31, 4-57 to 4-59, 5-14 to 5-19, 5-37 to 5-38, 6-44 to 6-47, 6-70, 7-34 to 7-37, 7-56 2-16 to 2-20, 2-39, 3-12 to 3-16, 3-30, 4-40, 4-50, 5-22 to 5-25, 5-32, 6-20 to 6-25, 6-41, 7-15 to 7-18, 7-36 1-15 to 1-16, 1-29, 3-42 to 3-46, 3-104, 4-33 to 4-38, 4-60 to 4-68, 5-23 to 5-25, 5-61 1-35 to 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		The Proponent shall identify potential impacts resulting from each Project phase, including impacts arising from accidental events and malfunctions, with accepted practices used to draw impact predictions.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 3	X.5.1, X.5.2, X.6.1 X.5.1, X.5.2, X.6.1 X.5.1, X.5.2, X.6.1 X.5.1, X.5.2, X.6.1 X.5.1, X.5.2, X.6.1 All	1-15 to 1-20, 1-20 to 1-27, 1-29 to 1-31, 2-11 to 2-16, 2-23 to 2-25 4-26 to 4-30, 4-56, 5-131 to 5-187, 5-197 to 5-203, 6-37 to 6-61, 6-69 to 6-70, 7-18 to 7-43, 7-50 to 7-51, 8-32 to 8-62, 8-70 to 8-71, 9-30 to 9-51, 9-55 to 9-57, 10-22 to 10-46, 10-51 to 10-54 1-41 to 1-43, 1-56, 4-26 to 4-38, 4-57 to 4-59, 5-14 to 5-25, 5-37 to 5-38, 6-44 to 6-61, 6-70, 7-34 to 7-46, 7-56 2-16 to 2-26, 2-39 to 2-41, 3-12 to 3-22, 3-30 to 3-32, 4-40 to 4-46, 4-50 to 4-52, 5-22 to 5-29, 5-32, 6-20 to 6-36, 6-39 to 6-42, 7-15 to 7-34, 7-36 1-15 to 1-24, 1-29, 3-42 to 3-46, 3-48 to 3-95, 3-104 to 3-112, 4-33 to 4-53, 4-60 to 4-68, 5-23 to 5-31, 5-61 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		Predictions shall be presented with appropriate explanations and justification, and the Proponent shall:		-	-	-	-
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		i. Explain how scientific, engineering, community and TK was used,		3 4, 5, 6, 7, 8 9	1, 3 All 1	1.6.2.2, 3.3.2 All 1.2.4	1-38, 3-51 All 1-18 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		ii. Document model assumptions, study methodologies and sensitivity analyses,		4, 5, 6, 7, 8 9	All 1	All 1.2.4	All 1-18 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		iii. Document data collection methods and limitations thereof,		4, 5, 6, 7, 8	All	X.1	1-1 to 1-15, 2-1 to 2-24, 3-1 to 3-35, 4-1 to 4-17, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-13, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30 1-1 to 1-31, 2-1 to 2-20, 3-1 to 3-19, 4-1 to 4-23, 5-1 to 5-13, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		iv. Support analyses, interpretation of results and conclusions with reference to appropriate literature,		4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		v. Describe how uncertainty in impact predictions have been dealt with,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.4 X.5.4 X.5.4 X.5.4 1.5.4, 3.5.5, 4.5.4, 5.5.4 1.2.4.4, 1.2.4.5	1-28, 2-22 to 2-23 4-32 to 4-55, 5-191 to 5-197, 6-64 to 6-69, 7-46 to 7-48, 8-65 to 8-70, 9-54 to 9-55, 10-48 to 10-51 1-45 to 1-52, 4-45 to 4-57, 5-31 to 5-37, 6-70, 7-56 2-33 to 2-39, 3-27 to 3-30, 4-49, 5-31, 6-38 to 6-39, 7-36 1-26 to 1-28, 3-98 to 3-101, 4-55 to 4-57, 5-36 to 5-61 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		vi. Specify and reference sources for any contributions based on TK,		3 4 5 6 7 8	3 All All All All All	3.1.1, Table 3.1-1, 3.2, 3.3 X.2 X.2 X.2 X.2 X.2	3-1, 3-3 to 3-42, 3-44 to 3-53 1-10 to 1-11, 2-6 to 2-7, 3-30 to 3-33 1-14 to 1-15, 2-22 to 2-23, 3-21 to 3-33, 4-18 to 4-19, 5-122 to 5-125, 6-22 to 6-33, 7-14 to 7-16, 8-25 to 8-30, 9-25 to 9-28, 10-15 to 10-17 1-29 to 1-31, 2-20 to 2-21, 3-14 to 3-19, 4-23 to 4-25, 5-12 to 5-13, 6-35 to 6-42, 7-25 to 7-32 1-31 to 1-32, 2-14 to 2-15, 3-10 to 3-11, 4-30 to 4-37, 5-11 to 5-20, 6-15 to 6-18, 7-9 to 7-11 1-11 to 1-12, 2-1 to 2-7, 3-25 to 3-27, 4-22 to 4-26, 5-15 to 5-20, 6-13 to 6-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		vii. Identify which studies included the assistance of communities and individuals, who was involved (if the information can be made public), and how participants were selected,		3 8	1, 3 3, 4	1.5.3, 1.6.1, 3.2 3.1, 4.1, Appendix V8-3A	1-20 to 1-35, 1-36 to 1-37, 3-44 to 3-50 3-1 to 3-25, 4-1 to 4-22, All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		viii. Identify all proposed mitigation measures and adaptive management strategies, if applicable, and	Yes	4 5 6 7 8 10 Addendum 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 All 1-3, 7-18, 22-29 4,5,6,19,20,21,30,31	X.5.3, X.8 X.5.3, X.8 X.5.3, X.8 X.5.3, X.8 X.5.3, X.8 All All All	1-27 to 1-28, 1-31 to 1-33, 2-20 to 2-22, 2-25 to 2-26 4-30 to 4-32, 4-62 to 4-63, 5-187 to 5-191, 5-242 to 5-246, 6-61 to 6-64, 6-82 to 6-88, 7-43 to 7-46, 7-63 to 7-68, 8-62 to 8-65, 9-88 to 8-92, 9-51 to 9-54, 9-58 to 9-62, 10-46 to 10-48, 10-54 to 10-57 1-43 to 1-46, 1-56 to 1-57, 4-38 to 4-45, 4-59 to 4-62, 5-25 to 5-31, 5-28 to 5-41, 6-61 to 6-70, 6-71 to 6-74, 7-46 to 7-56, 7-57 to 7-60 2-26 to 2-33, 2-41 to 2-45, 3-22 to 3-27, 3-33 to 3-36, 4-47 to 4-50, 4-52 to 4-54, 5-29 to 5-31, 5-34 to 5-37, 6-36 to 6-38, 6-50 to 6-53, 7-34 to 7-36, 7-37 to 7-40, 1-24 to 1-26, 1-29 to 1-30, 3-95 to 3-98, 3-124 to 3-128, 4-53 to 4-55, 4-82 to 4-84, 5-31 to 5-36, 5-61 All All All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION		ix. Describe the potential residual effects and explain their significance.		1 4 5 6 7 8 5 7 8	6, 8, 12 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 4, 5, 6, 7, 8 5, 6 1, 3, 4	All X.5.4, X.5.5, X.10 X.5.4, X.5.5, X.10 X.5.4, X.5.5, X.10 X.5.4, X.5.5, X.10 1.5.4, 1.5.5, 3.5.5, 4.5.4, 4.5.5, 5.5.4, 5.5.5, X.10 X.6.4, X.6.5 X.6.4, X.6.5 X.6.4, X.6.5	All 1-28 to 1-29, 1-33, 2-22 to 2-23, 2-27 4-32 to 4-55, 4-63 to 4-65, 5-191 to 5-197, 5-249 to 5-250, 6-64 to 6-69, 6-90, 7-46 to 7-50, 7-69, 8-65 to 8-70, 8-100 to 8-101, 9-54 to 9-55, 9-63, 10-48 to 10-51, 10-58 to 10-59 1-45 to 1-55, 1-57, 4-45 to 4-57, 4-63, 5-31 to 5-37, 5-42, 6-70, 6-74, 7-56, 7-61 2-33 to 2-39, 2-45, 3-27 to 3-30, 3-36, 4-49 to 4-50, 4-54, 5-31 to 5-32, 5-37, 6-38 to 6-39, 6-55, 7-36, 7-42 1-26 to 1-29, 1-31, 3-98 to 3-101, 3-130, 4-55 to 4-60, 4-85, 5-36 to 5-61, 5-62 4-59 to 4-62, 5-239 to 5-240, 6-80 to 6-82, 7-61 to 7-63, 8-89 to 8-94 5-34, 6-47 to 6-48 1-29, 3-116 to 3-120, 4-27 to 4-78

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	Section	Subsection						
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		The Proponent shall discuss the potential impacts of the environment on the Project, considering such factors as geotechnical hazards (including slope and underground instability, differential or thaw settlement, frost heave, ice scour coastal erosion, and seismic activity), unfavourable geological conditions (weak zones and/or faults), permafrost (ground instability related to permafrost thaw and artesian groundwater pressure due to permafrost confinement), hydrological conditions (low precipitation years, low flow conditions in rivers etc.), severe weather events (extreme precipitation events, flooding, storm surges etc.), sea ice conditions, ice-ride-up and pile-up, sea level trends, vertical motion of land/subsidence and global climate change.		9	2	2.2	2-1 to 2-7
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		The discussion on global climate change must describe and assess, on the basis of current knowledge, how potential climate change could affect permafrost and soils with high ice content, the hydrological regime, freshwater and groundwater regimes, and the long-term impacts of such changes on Project infrastructure (i.e., water diversions and impoundment structures, waste water treatment structures, fuel and chemical storage areas, solid waste sites, road structures, waste management facilities, tailings facility, etc.).		5 6 7 9	2, 5, 7, 8, 10 1, 4, 5 6, 7 2	2.1.2.4, 5.5.2.8, 7.5.4.3, 7.6.4.3, 8.6.4.4, 10.5.2.8 1.1.5, 4.1.1 6.5.2.5, 6.5.4.2, 6.6.2.2, 6.6.4.2, 7.5.2.6 2.11, 2.15	2-21 to 2-22, 5-170 to 5-178, 7-47 to 7-48, 7-62, 8-91 to 8-92, 10-45 to 10-46 1-26 to 1-29, 4-1 6-34, 6-39, 6-44, 6-40, 6-47, 7-33 to 7-34 2-14 to 2-15, 2-18 to 2-19
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		The Proponent shall identify the Project sensitivity to changes in specific climate-related parameters. The discussion on global climate change should include:		-	-	-	-
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		i. Effects of climate on the Project, with a focus on the design and planning of Project components and activities including: access road network and related water crossings, tank farm(s) and storage facilities, open pit mines, underground mines, waste rock stockpiles, ore stockpiles, and tailings impoundment areas,		9	2	2.15	2-18 to 2-19
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		ii. Impacts of extreme meteorological events on the Project, and related considerations for Project design and planning, including, but not limited to, the following: extreme temperature and precipitation events, high winds and waves, ice-ride up and pile-up events, extreme ocean water levels (high and low), and severe fog or white out conditions. Potential changes to the timing of ice formation, active layer thickness, and frequency of storms shall also be taken into consideration,		9	2	2.14	2-17 to 2-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		iii. Consideration of sea level decline and shoaling caused by emergence/uplift of the land, including potential impacts to port site offloading area design and access, shipping route navigability, safety, and how this is addressed in the design of baseline studies and monitoring plans for relevant project components,		9	2	2.8, 2.9	2-13 to 2-14
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		iv. Design and apply multiple scenarios on impacts assessment, where these scenarios span the range of possible future climates, rather than designing and applying a single "best guess" scenario. It is recommended that the range of future climates considered by the Proponent include scenarios used in the Arctic Climate Impact Assessment report (ACIA 2005) as well as those in the relevant Intergovernmental Panel on Climate Change assessments for polar regions (IPCC, 2007),		4 9	3 2	Appendix V4-3C 2.1	All 2-14
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		v. Impacts from climate change on sensitive ecosystem features within the terrestrial, freshwater and marine ecosystems,		5 7 9	2, 5, 7, 8, 10 6, 7 2	2.1.2.4, 5.5.2.8, 7.5.4.3, 7.6.4.3, 8.6.4.4, 10.5.2.8 6.5.2.6, 6.5.4.2, 6.6.2.2, 6.6.4.2, 7.5.2.6 2.11, 2.12	2-21 to 2-22, 5-170 to 5-178, 7-47 to 7-48, 7-62, 8-91 to 8-92, 10-45 to 10-46 6-34, 6-39, 6-44, 6-40, 6-47, 7-33 to 7-34 2-14 to 2-16
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		vi. Predicted effects of climate change on mean and extreme climate parameters, and meteorological phenomena including flooding, storms, etc.,		9	2	2.13	2-16 to 2-17
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		vii. Potential effects of climate change on permafrost thawing in the Project area, with discussion of the related implications on the stability of project components (e.g. waste management facilities) and sensitive land features (e.g. Canadian Heritage Rivers, territorial or national parks), including waste management facilities, and		5 9	3 2	3.1.3 2.4, 2.11.1	3-6 to 3-21 2-7 to 2-8, 2-14
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		viii. Uncertainties related to climate change predictions, and the related effect on other predictions in the EIS, including water quantity and permafrost thawing.		4 9	3 2	Appendix V4-3C 2.1	All 2-1
7.0 IMPACT ASSESSMENT METHODOLOGY	7.10 IMPACTS OF THE ENVIRONMENT ON THE PROJECT		Longer-term effects of climate change must also be discussed up to the projected closure phase of the Project. The sensitivity of the Project to long-term climate variability and effects shall be identified and discussed. The Canadian Environmental Assessment Agency Procedural Guide, "Incorporating Climate Change Considerations in Environmental Assessment: General Guidance for Practitioners" (CEAA, 2003) provides guidance for incorporating climate change considerations into an environmental assessment, and may be useful for the Proponent.		9	2	2.16	2-19
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		The Proponent is expected to carry out its CEA with consideration for the following factors:		-	-	-	-

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Guidelines Section			Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
Part	Section	Subsection						
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		i. A larger spatial boundary (RSA rather than LSA): This will enable the Proponent to assess the project impacts in relation to other activities (including other projects and exploration) in the geographical region, and implies that spatial assessment boundaries may cross jurisdictional boundaries for a better understanding of additive and interactive pathways of different types of cumulative effects (NIRB, 2007),		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.6, X.7 X.6, X.7 X.6, X.7 X.6, X.7 X.6, X.7 1.3.4.3	1-29 to 1-31, 2-23 to 2-25 4-62 to 4-68, 5-197 to 5-242, 6-69 to 6-82, 7-50 to 7-63, 8-70 to 8-94, 9-55 to 9-58, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70 to 6-71, 7-56 to 7-57 2-39 to 2-41, 3-30 to 3-33, 4-50 to 4-52, 5-32 to 5-34, 6-39 to 6-50, 7-36 to 7-37 1-29, 3-104 to 3-124, 4-60 to 4-82, 5-61 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		ii. A longer temporal scale (as defined in Subsection 7.5.2): This will enable the Proponent to consider all activities from past developments into the present time and the reasonably foreseeable future for a more accurate analysis of variability and significant long-term effects,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.6, X.7 X.6, X.7 X.6, X.7 X.6, X.7 X.6, X.7 1.3.4.3	1-29 to 1-31, 2-23 to 2-25 4-62 to 4-68, 5-197 to 5-242, 6-69 to 6-82, 7-50 to 7-63, 8-70 to 8-94, 9-55 to 9-58, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70 to 6-71, 7-56 to 7-57 2-39 to 2-41, 3-30 to 3-33, 4-50 to 4-52, 5-32 to 5-34, 6-39 to 6-50, 7-36 to 7-37 1-29, 3-104 to 3-124, 4-60 to 4-82, 5-61 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		iii. Alternatives analysis: CEA requires the explicit creation of alternative development scenarios and analysis of potential cumulative effects associated with each option (Greig et al., 2002). Therefore, the Proponent should endeavour to ensure its CEA addresses the alternatives presented under Section 6.4 of these Guidelines,		9	1	1.3	1-35 to 1-36
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		iv. Consideration of effects on VECs and VSECs: An effective CEA will allow the Proponent to more accurately assess how the interaction of impacts from the various Project components and activities, and those from other past, present and reasonably foreseeable projects (including exploration), might impact in a cumulative fashion on selected VECs/VSECs, and		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.6, X.7 X.6, X.7 X.6, X.7 X.6, X.7 X.6, X.7 1.3.4	1-29 to 1-31, 2-23 to 2-25 4-62 to 4-68, 5-197 to 5-242, 6-69 to 6-82, 7-50 to 7-63, 8-70 to 8-94, 9-55 to 9-58, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70 to 6-71, 7-56 to 7-57 2-39 to 2-41, 3-30 to 3-33, 4-50 to 4-52, 5-32 to 5-34, 6-39 to 6-50, 7-36 to 7-37 1-29, 3-104 to 3-124, 4-60 to 4-82, 5-61 1-39 to 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		v. Evaluation of significance: Effective CEA requires identifying and predicting the likelihood and significance of potential cumulative effects, including direct, indirect and residual impacts. The Proponent shall consider and determine the significance of the cumulative effects using the criteria described in Section 7.14.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4 1	X.6.1 X.6.1 X.6.1 X.6.1 X.6.1 1.3.5	1-29 to 1-31, 2-23 to 2-25 4-61, 5-197 to 5-203, 6-69 to 6-70, 7-50 to 7-51, 8-70 to 8-71, 9-55 to 9-57, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 2-39, 3-30, 4-50, 5-32, 6-39, 7-36 1-29, 3-104 to 3-112, 4-60 to 4-68 1-49 to 1-51
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		As per the identified objectives and methodologies for a CEA, the Proponent shall:		-	-	-	-
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		i. Justify the environmental components that will constitute the focus of the CEA. The Proponent's assessment should emphasize the cumulative effects on the main VECs/VSECs that could be affected by the Project,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.6 X.6 X.6 X.6 X.6 1.3	1-29 to 1-31, 2-23 to 2-25 4-62 to 4-68, 5-197 to 5-242, 6-69 to 6-82, 7-50 to 7-63, 8-70 to 8-94, 9-55 to 9-58, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57 2-39 to 2-41, 3-30 to 3-32, 4-50 to 4-52, 5-232 to 5-34, 6-35 to 6-39 to 6-48, 7-36 1-29, 3-104 to 3-120, 4-60 to 4-78, 5-61 1-35 to 1-51
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		ii. Present a justification for the spatial and temporal boundaries for the CEA. It should be noted that these boundaries can vary depending on the VECs or VSECs assessed. The Proponent shall give due consideration to the potential for cumulative effects that may be transboundary in nature,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4 1	X.6.1 X.6.1 X.6.1 X.6.1 X.6.1 1.3.4	1-29 to 1-31, 2-23 to 2-25 4-61, 5-197 to 5-203, 6-69 to 6-70, 7-50 to 7-51, 8-70 to 8-71, 9-55 to 9-57, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 2-39, 3-30, 4-50, 5-32, 6-39, 7-36 1-29, 3-104 to 3-112, 4-60 to 4-68 1-39 to 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		iii. Discuss and justify the choice of projects, components and selected activities for the CEA. These shall include past activities and projects, those currently being carried out and any reasonably foreseeable project or activity. Activities should not be limited to exploration and mining-related activities but include other factors not related to mining (e.g., wildfires, roads/airstrips developed for non-mining activities, etc.), and		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4 1	X.6.2 X.6.2 X.6.2 X.6.2 X.6.2 1.3.4	1-31, 2-25 4-56 to 4-58, 5-203 to 5-238, 6-70 to 6-80, 7-51 to 7-61, 8-71 to 8-89, 9-57 to 9-58, 10-53 to 10-54 1-55 to 1-56, 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57 2-41, 3-32 to 3-33, 4-50 to 4-52, 5-32, 6-39, 7-36 to 7-37 1-29, 3-112 to 3-113, 4-68 to 4-71 1-39 to 1-49
7.0 IMPACT ASSESSMENT METHODOLOGY	7.11 CUMULATIVE EFFECTS ASSESSMENT		iv. Discuss the mitigation measures that are technically and economically feasible, and determine the significance of the cumulative effects. If any impact is identified and verified beyond the Proponent's sole responsibility or capacity, the Proponent shall make best efforts to identify how its mitigation measures may contribute toward any collective mitigation undertaken by other responsible parties.		5 7 8 9	4, 5, 6, 7, 8 5, 6 1, 3, 4 1	4.6.3, 5.6.3, 6.6.3, 7.6.3, 8.6.3 5.6.3, 6.6.3 1.6.3, 3.6.3, 4.6.3 1.3.5.2	4-58 to 4-59, 5-238 to 5-239, 6-80, 7-61, 8-89 5-32 to 5-34, 6-47 1-29, 3-114 to 3-116, 4-71 1-50
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS		For the purpose of the current Guidelines, transboundary impacts (as defined in the Glossary) must be considered, and will include consideration of direct, indirect, and residual effects of the Project activities (occurring within the NSA) that may occur across provincial, territorial, and international boundaries outside of the NSA.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.7 X.7 X.7 X.7 X.7 1.4	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 1-51 to 1-53
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS		The Proponent shall give due consideration to the potential for transboundary impacts which may be a result from interactions between the effects of the Project in the NSA, and the effects of projects located outside the NSA.		4 5 6 7 8 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 2	X.7 X.7 X.7 X.7 X.7 All	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 All

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7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS			The potential for transboundary impacts related to cumulative effects associated with this Project must also be addressed.		4 5 6 7 8 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 2	X.7 X.7 X.7 X.7 X.7 All	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS			Where possible, transboundary impacts should be included within the discussion of various VECs and VSECs as such are identified.		4 5 6 7 8 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 2	X.7 X.7 X.7 X.7 X.7 All	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS			The Proponent is also required to present an overall discussion of the potential for transboundary impacts, including predictions, impact assessment and proposed mitigation and monitoring plans.		4 5 6 7 8 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 2	X.7 X.7 X.7 X.7 X.7 All	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS			Where feasible, the potential for transboundary impacts should be considered for all VECs and VSECs identified by the Proponent. In particular, and without limitation, the Proponent should ensure that the potential for transboundary impacts identified by the Minister of Aboriginal Affairs and Northern Development in his letter referring the Project Proposal to the NIRB for review (December 17, 2012) should be addressed, which included that:		4 5 6 7 8 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 2	X.7 X.7 X.7 X.7 X.7 All	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS			i. Impacts associated with the proposed Project infrastructure (including any associated transportation) on wildlife species such as caribou that have a large migration range, and the resulting socio-economic impacts to communities and groups that rely on these wildlife resources,		5 8	5 3	5.6 3.6	5-197 to 5-242 3-104 to 3-120
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS			ii. Impacts to the local, regional and territorial health system of the Northwest Territories as a result of reliance on medical services, and		8	3	3.6	3-104 to 3-120
7.0 IMPACT ASSESSMENT METHODOLOGY	7.12 TRANSBOUNDARY IMPACTS			iii. Impacts to employment and business within the region affected by the Project.		8	3	3.6	3-104 to 3-120
7.0 IMPACT ASSESSMENT METHODOLOGY	7.13 INDICATORS AND CRITERIA			The Proponent shall identify the indicators and/or criteria selected for assessing the potential impacts of the Project, including any cumulative and transboundary impacts, and shall justify their selection. In doing so, the Proponent shall describe the role played by consultation with members of the public (TK) and technical experts.		3 4 5 6 7 8	1, 2, 3 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	1.6.2, 2.2, 3.3 X.2, X.5, X.6, X.7 X.2, X.5, X.6, X.7 X.2, X.5, X.6, X.7 X.2, X.5, X.6, X.7 X.2, X.5, X.6, X.7	1-37 to 1-38, 2-3 to 2-4, 3-50 to 3-53 1-10 to 1-11, 1-15 to 1-31, 2-6 to 2-7, 2-11 to 2-25 4-18 to 4-19, 4-26 to 4-62, 5-122 to 5-125, 5-131 to 5-242, 6-22 to 6-33, 6-37 to 6-82, 7-14 to 7-16, 7-18 to 7-63, 8-25 to 8-30, 8-32 to 8-94, 9-25 to 9-28, 9-30 to 9-58, 10-15 to 10-17, 10-22 to 10-54 1-29 to 1-31, 1-41 to 1-56, 4-23 to 4-25, 4-26 to 4-59, 5-12 to 5-13, 5-14 to 5-38, 6-35 to 6-42, 6-44 to 6-71, 7-25 to 7-32, 7-34 to 7-57 2-14 to 2-15, 2-16 to 2-41, 3-10 to 3-11, 3-12 to 3-33, 4-30 to 4-37, 4-40 to 4-52, 5-11 to 5-20, 5-22 to 5-34, 6-15 to 6-18, 6-20 to 6-50, 7-9 to 7-11, 7-15 to 7-37 1-11 to 1-12, 1-15 to 1-29, 3-25 to 3-27, 3-42 to 3-124, 4-22 to 4-26, 4-33 to 4-82, 5-15 to 5-20, 5-23 to 5-61
7.0 IMPACT ASSESSMENT METHODOLOGY	7.13 INDICATORS AND CRITERIA			In its discussion of indicators, the Proponent shall emphasize the linkage between those indicators and the relevant VECs or VSECs and how TK was used in the selection of indicators used to assess potential impacts of the Project. The indicators for the VECs should include sensitivity to contaminants and environmental pathways of exposure and bio-magnification.		4 5 6 7 8 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 6	X.2, X.5.1 X.2, X.5.1 X.2, X.5.1 X.2, X.5.1 X.2, X.5.1 6.4.1.9, 6.4.2.9	1-15 to 1-20, 1-29 to 1-31, 2-11 to 2-14, 2-23 to 2-25 4-26 to 4-28, 4-56, 5-131 to 5-134, 5-197 to 5-203, 6-37 to 6-40, 6-69 to 6-70, 7-18 to 7-22, 7-50 to 7-51, 8-32 to 8-37, 8-70 to 8-71, 9-30 to 9-35, 9-55 to 9-57, 10-22 to 10-24, 10-51 to 10-54 1-29 to 1-31, 1-41 to 1-43, 4-23 to 4-25, 4-26 to 4-31, 5-12 to 5-13, 5-14 to 5-19, 6-35 to 6-42, 6-44 to 6-47, 7-25 to 7-32, 7-34 to 7-37 2-16 to 2-20, 2-39, 3-12 to 3-16, 3-30, 4-40, 4-50, 5-22 to 5-25, 5-32, 6-20 to 6-25, 6-41, 7-15 to 7-18, 7-36 1-15 to 1-16, 1-29, 3-42 to 3-46, 3-104, 4-33 to 4-38, 4-60 to 4-68, 5-23 to 5-25, 5-61
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			In the process of significance determination, the Proponent is expected to communicate with potentially affected communities, including relevant individuals and organizations to solicit input and incorporate their views regarding the value it placed on a VEC or VSEC, as well as associated significance of impacts.		3	1, 3	1.6.2.2, 1.6.2.3, 3.3.2, 3.3.3	1-38, 1-38, 3-51, 3-52
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			The Proponent shall describe how it will determine the significance that different parties assigned to each impact, and how it will proceed if different parties ascribe varying significance to VECs, VSECs, the interaction between VECs and VSECs or the associated impacts. If it is impossible to attain a consensus on the significance of certain impacts, the Proponent shall present the range of viewpoints expressed and shall present and justify its preference, if any.		9	1	1.2.3	1-4 to 1-18
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			The Proponent shall describe the significance it ascribes to each effect, and justify how the significance of the effect was determined, taking into consideration and avoiding duplication of the information provided above. Furthermore, the proponent shall demonstrate how uncertainty was accounted for in their significance determination for each predicted effect.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 All	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-40, 2-45, 3-12 to 3-16, 3-27 to 3-32, 3-36, 4-40 to 4-43, 4-50, 4-54, 5-22 to 5-25, 5-32 to 5-34, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 All

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7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		The dynamic change of ecosystems and their components must also be considered in determining impact significance. The Proponent shall evaluate the significance of potential impacts in the light of data on the current "state of health" of ecosystems and their predictable evolution, taking into account global climate change.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5.1, X.5.4, X.5.5, X.6.1, X.10	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-34 to 2-37, 2-39 to 2-40, 2-44, 3-12 to 3-17, 3-27 to 3-31, 3-35, 4-36 to 4-39, 4-43, 4-46 to 4-47, 5-19 to 5-20, 5-25 to 5-27, 5-31 to 5-32, 6-18 to 6-22, 6-34 to 6-44, 6-50 to 6-51, 7-15 to 7-17, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		Consistent with the ecosystem approach required above, the Proponent should highlight the interactions within and between ecosystem components in an effort to increase understanding of the dynamism of the ecosystems in question and the nature and severity of the predicted impacts.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5.1, X.5.4, X.5.5, X.6.1, X.10	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-40, 2-45, 3-12 to 3-16, 3-27 to 3-32, 3-36, 4-40 to 4-43, 4-50, 4-54, 5-22 to 5-25, 5-32 to 5-34, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		The terms used to describe the level of significance, such as "low", "medium", "high", "adverse", "beneficial", "positive", "negative" must be clearly defined, where possible in quantitative terms. The following attributes defined by the NIRB shall be taken into consideration in determining the significance of each impact:		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-40, 2-45, 3-12 to 3-16, 3-27 to 3-32, 3-36, 4-40 to 4-43, 4-50, 4-54, 5-22 to 5-25, 5-32 to 5-34, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION	i. Probability of effects,			4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-40, 2-45, 3-12 to 3-16, 3-27 to 3-32, 3-36, 4-40 to 4-43, 4-50, 4-54, 5-22 to 5-25, 5-32 to 5-34, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION	ii. Direction or nature of impact (i.e. positive/beneficial versus negative/adverse),			4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-40, 2-45, 3-12 to 3-16, 3-27 to 3-32, 3-36, 4-40 to 4-43, 4-50, 4-54, 5-22 to 5-25, 5-32 to 5-34, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION	ii. Direction or nature of impact (i.e. positive/beneficial versus negative/adverse),			4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-40, 2-45, 3-12 to 3-16, 3-27 to 3-32, 3-36, 4-40 to 4-43, 4-50, 4-54, 5-22 to 5-25, 5-32 to 5-34, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35

Addendum Appendix V1-1A. Table of Concordance

Part	Guidelines Section	Section	Subsection	Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			iv. Geographic extent of effects,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 2-45, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 3-36, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 4-54, 5-22 to 5-25, 5-31 to 5-32, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			v. Frequency and/or duration of effects,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-44, 1-51 to 1-53, 4-35 to 4-38, 4-53 to 4-58, 4-62 to 4-63, 5-21 to 5-24, 5-36 to 5-41, 5-45, 6-53 to 6-54, 6-67, 6-72, 7-35 to 7-36, 7-44 to 7-46, 7-50 to 7-51 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 2-45, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 3-36, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 4-54, 5-22 to 5-25, 5-31 to 5-32, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			vi. Reversibility or irreversibility of effects, and		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-45 to 1-55, 1-56, 1-57, 4-26 to 4-31, 4-45 to 4-57, 4-57 to 4-59, 4-63, 5-14 to 5-19, 5-31 to 5-37, 5-37 to 5-38, 5-42, 6-44 to 6-47, 6-70, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 2-45, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 3-36, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 4-54, 5-22 to 5-25, 5-31 to 5-32, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			vii. Identification of potential residual effects (see Section 9.8).		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-46 to 1-56, 4-26 to 4-29, 4-45 to 4-59, 4-63, 5-1 to 5-12, 5-31 to 5-37, 5-42, 6-44 to 6-47, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 2-45, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 3-36, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 4-54, 5-22 to 5-25, 5-31 to 5-32, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			In addition, the NIRB considers other relevant attributes in assessing the significance of an impact:		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-46 to 1-56, 4-26 to 4-29, 4-45 to 4-59, 4-63, 5-1 to 5-12, 5-31 to 5-37, 5-42, 6-44 to 6-47, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 2-45, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 3-36, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 4-54, 5-22 to 5-25, 5-31 to 5-32, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION			viii. Ecological or socio-economic context/value,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-46 to 1-56, 4-26 to 4-29, 4-45 to 4-59, 4-63, 5-1 to 5-12, 5-31 to 5-37, 5-42, 6-44 to 6-47, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 2-45, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 3-36, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 4-54, 5-22 to 5-25, 5-31 to 5-32, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-27 to 1-35

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Guidelines Section			Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
Part	Section	Subsection						
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		ix. The environmental sensitivity of the area likely to be affected by the Project,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 X.5.1, X.5.4, X.5.5, X.6.1, X.10 1.2.4.4, 1.2.4.5	1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27 4-26 to 4-28, 4-32 to 4-56, 4-71, 5-83 to 5-85, 5-112 to 5-119, 5-249, 6-37 to 6-40, 6-64 to 6-70, 6-90, 7-18 to 7-22, 7-46 to 7-51, 7-69 to 7-70, 8-32 to 8-37, 8-65 to 8-71, 8-100, 9-30 to 9-35, 9-54 to 9-57, 9-63, 10-22 to 10-25, 10-48 to 10-54, 10-58 1-41 to 1-43, 1-46 to 1-56, 4-26 to 4-29, 4-45 to 4-59, 4-63, 5-1 to 5-12, 5-31 to 5-37, 5-42, 6-44 to 6-47, 6-70, 6-74, 7-34 to 7-37, 7-56, 7-61 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 2-45, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 3-36, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 4-54, 5-22 to 5-25, 5-31 to 5-32, 5-32, 5-37, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-42, 6-55, 7-15 to 7-18, 7-36, 7-42 1-15 to 1-16, 1-26 to 1-29, 1-29, 1-31, 3-42 to 3-46, 3-95 to 3-101, 3-104 to 3-112, 3-130, 4-33 to 4-38, 4-55 to 4-60, 4-61 to 4-68, 4-85, 5-23 to 5-25, 5-36 to 5-61, 5-61, 5-62 1-26 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		x. The historical, cultural and archaeological significance of the geographic area likely to be affected by the Project,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.2 X.2 X.2 X.2 X.2 All	1-10 to 1-11, 2-6 to 2-7 4-18 to 4-19, 5-122 to 5-125, 6-22 to 6-33, 7-14 to 7-16, 8-25 to 8-30, 9-25 to 9-28, 10-15 to 10-17 1-32 to 1-33, 4-30 to 4-31, 5-17 to 5-18, 6-46 to 6-49, 7-28 to 7-31 2-14 to 2-15, 3-10 to 3-11, 4-30 to 4-37, 5-11 to 5-20, 6-15 to 6-18, 7-9 to 7-11 1-11 to 1-12, 3-25 to 3-27, 4-22 to 4-26, 5-15 to 5-20 All
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		xi. The size of the affected human populations, and the size of the affected wildlife populations and related habitat,		5 8	4, 5, 6, 7, 8 3	X.5.1, X.5.4, X.5.5, X.6.1, X.6.3, X.6.4, X.6.5	4-26 to 4-28, 4-32 to 4-62, 4-58 to 4-62, 5-131 to 5-134, 5-191 to 5-203, 5-238 to 5-242, 6-37 to 6-40, 6-64 to 6-70, 6-80 to 6-82, 7-18 to 7-22, 7-46 to 7-51, 7-61 to 7-63, 8-32 to 8-37, 8-65 to 8-71, 8-89 to 8-94 3-114 to 3-120
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		xii. The extent of the effects of the project on other regional human populations and wildlife populations, including the extent of the effects on Inuit harvesting activities,		5 8	4, 5, 6, 7, 8 3	X.5.1, X.5.4, X.5.5, X.6.1, X.6.3, X.6.4, X.6.5	4-26 to 4-28, 4-32 to 4-62, 4-58 to 4-62, 5-131 to 5-134, 5-191 to 5-203, 5-238 to 5-242, 6-37 to 6-40, 6-64 to 6-70, 6-80 to 6-82, 7-18 to 7-22, 7-46 to 7-51, 7-61 to 7-63, 8-32 to 8-37, 8-65 to 8-71, 8-89 to 8-94 3-114 to 3-120
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		xiii. The potential for cumulative adverse effects given past, present and future relevant events,		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.5.1, X.5.4, X.5.5, X.6 1.2, 1.3	1-15 to 1-20, 1-28 to 1-31, 2-11 to 2-14, 2.22 to 2.25 4-26 to 4-28, 4-32 to 4-62, 5-131 to 5-134, 5-191 to 5-242, 6-37 to 6-40, 6-64 to 6-82, 7-18 to 7-22, 7-46 to 7-63, 8-32 to 8-37, 8-65 to 8-94, 9-30 to 9-35, 9-54 to 9-58, 10-22 to 10-25, 10-48 to 10-54 2-16 to 2-20, 2-33 to 2-39, 2-39 to 2-41, 3-12 to 3-16, 3-27 to 3-30, 3-30 to 3-32, 4-40 to 4-43, 4-49 to 4-50, 4-50 to 4-52, 5-22 to 5-25, 5-31 to 5-32, 5-32 to 5-34, 6-20 to 6-25, 6-38 to 6-39, 6-39 to 6-48, 7-15 to 7-18, 7-36 1-29, 3-114 to 3-120, 4-26 to 4-60, 5-61 1-2 to 1-51
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		xiv. Effects on ecosystem function and integrity,		5 8	4, 5, 6, 7, 8 3	X.5.1, X.5.4, X.5.5, X.6.1, X.6.3, X.6.4, X.6.5	4-26 to 4-28, 4-32 to 4-62, 4-58 to 4-62, 5-131 to 5-134, 5-191 to 5-203, 5-238 to 5-242, 6-37 to 6-40, 6-64 to 6-70, 6-80 to 6-82, 7-18 to 7-22, 7-46 to 7-51, 7-61 to 7-63, 8-32 to 8-37, 8-65 to 8-71, 8-89 to 8-94 3-114 to 3-120
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		xv. The effect on the capacity of resources to meet present and future needs, and		5 8	4, 5, 6, 7, 8 3	X.5.1, X.5.4, X.5.5, X.6.1, X.6.3, X.6.4, X.6.5	4-26 to 4-28, 4-32 to 4-62, 4-58 to 4-62, 5-131 to 5-134, 5-191 to 5-203, 5-238 to 5-242, 6-37 to 6-40, 6-64 to 6-70, 6-80 to 6-82, 7-18 to 7-22, 7-46 to 7-51, 7-61 to 7-63, 8-32 to 8-37, 8-65 to 8-71, 8-89 to 8-94 3-114 to 3-120
7.0 IMPACT ASSESSMENT METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		xvi. The value attached to the impacted VEC or VSEC by those who identified them.		3	1, 3	1.6.2.2, 1.6.2.3, 3.3.2, 3.3.3	1-38, 3-51 to 3-52
7.0 IMPACT ASSESSMENT METHODOLOGY	7.15 CERTAINTY		The Proponent shall assess the degree of uncertainty associated with each predicted effect. The level of certainty with predictions is related to limitations in the overall understanding of the ecosystem and limitations in accurately foreseeing future events or conditions.		4 5 6 7 8 9	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	1.5.4, 1.5.5, 2.5.4, 2.5.5 4.5.4, 4.5.5, 5.5.4, 5.5.5, 6.5.4, 6.5.5, 7.5.4, 7.5.5, 8.5.4, 8.5.5, 9.5.4, 9.5.5, 10.5.4, 10.5.5 4.5.4, 4.5.5, 5.5.4, 5.5.5, 6.5.4, 6.5.5, 7.5.4, 7.5.5 2.5.4, 2.5.5, 3.5.4, 3.5.5, 4.5.4, 4.5.5, 5.5.4, 5.5.5 1.5.4, 1.5.5, 3.5.4, 3.5.5, 4.5.4, 4.5.5, 5.5.4, 5.5.5 1.2.4.4, 1.2.4.5	1-28 to 1-29, 2-22 to 2-23 4-32 to 4-55, 5-191 to 5-197, 6-64 to 6-69, 7-46 to 7-50, 8-65 to 8-70, 9-54 to 9-55, 10-48 to 10-51 4-45 to 4-57, 5-31 to 5-37, 6-70, 7-56 2-33 to 2-39, 3-27 to 3-30, 4-40 to 4-50, 5-31 to 5-32, 6-38 to 6-39, 7-36 1-26 to 1-29, 3-95 to 3-101, 4-55 to 4-60, 5-36 to 5-61 1-27 to 1-35
7.0 IMPACT ASSESSMENT METHODOLOGY	7.15 CERTAINTY		The Proponent shall provide a reasonable description how uncertainties have been dealt with, for example, through elements of the project design, monitoring and contingency plans design, etc.		9 10	1 1	1.2.4 4.1	1.18 to 1.35 5
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	7.15 CERTAINTY		The EIS shall provide a complete analysis of the predicted effects from the Project on the biophysical and socio-economic environments (see Section 7.0), and will serve as a basis for developing various mitigation and monitoring plans to address the potential impacts of the Project.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.8, X.9, X.10	1-15 to 2-1, 2-11 to 2-27 4-26 to 4-65, 5-131 to 5-249, 6-37 to 6-90, 7-18 to 7-68, 8-32 to 8-100, 9-30 to 9-63, 10-22 to 10-58 1-41 to 1-57, 4-26 to 4-64, 5-14 to 5-42, 6-44 to 6-74, 7-34 to 7-61 2-16 to 2-45, 3-12 to 3-36, 4-40 to 4-54, 5-22 to 5-37, 6-20 to 6-55, 7-15 to 7-42 1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent shall present relevant information pertaining to the biophysical environment and associated processes to be assessed (see Section 7.3) to serve as a baseline against which the potential impacts of the Project can be measured. Information should be presented in the form of a conceptual site model with clear links to ecological and human health risk assessment presented throughout the document. Baseline summaries should also include trends, timelines and how the environment is expected to change over the life of the Project.		4 5 6 7 8 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 6	X.1 X.1 X.1 X.1 X.1 All	1-1 to 1-10, 2-1 to 2-6 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 3-1 to 3-25, 4-1 to 4-22, 5-1 to 5-15 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		In describing the biophysical environment, the Proponent shall take an ecosystemic approach that takes into account both scientific and TK perspectives encompassing all levels of complexity found in an ecosystem, both structurally and functionally.		4, 5, 6, 7, 8	All	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		In its impact assessment, the Proponent shall identify and justify the thresholds or indicators, and further relate them to Project monitoring and follow-up measures. For each predicted negative impact in this section, associated mitigation measures are to be discussed to the extent possible, with references to project design (Section 6.1) and environmental management systems (Section 9.0).		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.8, X.9, X.10	1-15 to 2-1, 2-11 to 2-27 4-26 to 4-65, 5-131 to 5-249, 6-37 to 6-90, 7-18 to 7-68, 8-32 to 8-100, 9-30 to 9-63, 10-22 to 10-58 1-41 to 1-57, 4-26 to 4-64, 5-14 to 5-42, 6-44 to 6-74, 7-34 to 7-61 2-16 to 2-45, 3-12 to 3-36, 4-40 to 4-54, 5-22 to 5-37, 6-20 to 6-55, 7-15 to 7-42 1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62

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Part	Section	Subsection						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent shall also include a consideration of the temporal scale and predictions of when potential impacts to each relevant VEC could reasonably be expected to manifest.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.4, X.5, X.6, X.7, X.8, X.9, X.10	1-12 to 1-33, 2-8 to 2-27 4-26 to 4-65, 5-131 to 5-249, 6-37 to 6-90, 7-18 to 7-68, 8-32 to 8-100, 9-30 to 9-63, 10-22 to 10-58 1-32 to 1-57, 4-25 to 4-64, 5-13 to 5-42, 6-43 to 6-74, 7-33 to 7-61 2-16 to 2-45, 3-12 to 3-36, 4-40 to 4-54, 5-22 to 5-37, 6-20 to 6-55, 7-15 to 7-42 1-12 to 1-31, 3-41 to 3-130, 4-33 to 4-85, 5-20 to 5-62
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent shall include a prediction of trends relating to potential project impacts that provides for a temporal scale which encompasses all closure and reclamation activities.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.4, X.5, X.6, X.7, X.8, X.9, X.10	1-12 to 1-33, 2-8 to 2-27 4-26 to 4-65, 5-131 to 5-249, 6-37 to 6-90, 7-18 to 7-68, 8-32 to 8-100, 9-30 to 9-63, 10-22 to 10-58 1-32 to 1-57, 4-25 to 4-64, 5-13 to 5-42, 6-43 to 6-74, 7-33 to 7-61 2-16 to 2-45, 3-12 to 3-36, 4-40 to 4-54, 5-22 to 5-37, 6-20 to 6-55, 7-15 to 7-42 1-12 to 1-31, 3-41 to 3-130, 4-33 to 4-85, 5-20 to 5-62
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.1 Air Quality			-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.1.1 Baseline Information	i. Background ambient air quality data collected in the LSA and RSA including airborne dust (TSP, PM10 and PM2.5),		4	1	1.1.2	1-2 to 1-8
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Current sources of criteria air contaminants [TSP, PM10, PM2.5, NOx, SO2, volatile organic compounds (VOCs), Ozone (O3) etc.] and GHG emissions, and		4	1 3	1.1.3 3.1.1.2	1-8 to 1-10 3-1
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Seasonal variations or climatic conditions associated with variations on air quality.		4	1	1.1.4	1-10
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.1.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities on air quality. This analysis shall include the following:		4	1	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Discussion of the standards, guidelines and regulations that the Proponent will incorporate to minimize and mitigate effects to air quality,		4	1	1.5.1	1-15 to 1-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Predictions of principle pollution emission sources from the Project at various stages, including:		4	1, 3	1.5.2, All	1-20 to 1-27, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Criteria air contaminants [TSP, PM10, PM2.5, NOx, SO2, volatile organic compounds (VOCs), Ozone (O3), etc.] and GHG emissions from the fuel consumption of mobile equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as diesel generators and other combustion sources,		4	1, 3	1.5.1, 1.5.2, 3.4.2.2	1-15 to 1-20, 1-20 to 1-27, 3-37 to 3-40
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Fugitive dust and gaseous emissions from construction activities and land clearing, extraction and ore processing, handling, tailings, waste rock and ore stockpiling, quarries and other Project components and works, and		4	1	1.5.2.2	1-22 to 1-27
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Fugitive dust emissions from ground transportation and wind erosion at various Project components including the all-weather road, access roads and mine hauling roads.		4	1	1.5.2.2	1-22 to 1-27
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Assessment of dispersion of Project emissions within the LSA and RSA, using appropriate modelling, and discussion of related impacts and mitigation strategies,		4	1	1.5.2.2 - 1.5.5	1-22 to 1-29
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Discussion of Project components and activities which may contribute to the potential for acidic input, and an evaluation of associated effects,		4	1	1.1.2.2, 1.5.2	1-6, 1-20 to 1-27
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Assessment of effects on air quality from Project emissions during various project stages including airborne dust (TSP, PM10 and PM2.5 and/or metals) and criteria air contaminants such as SO2, NOx, CO, VOCs, O3, etc.,		4 8	1 6	1.5.1, 1.5.2.1, 1.5.2.2 6.4.2.7, 6.4.2.10	1-15 to 1-20, 1-21 to 1-22, 1-22 to 1-27 6-104 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Assessment of the Project's GHG contributions to both Nunavut and Canada, and		4	3	3.4.2	3-37 to 3-40
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. A discussion of the potential effects of changes in air quality on human health and the environment.		8	6	6.4.1.10, 6.4.1.11, 6.4.2.10	6-94 to 6-95, 6-163 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.2 Climate and Meteorology			-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.2.1 Baseline Information	i. A description of the baseline meteorological and climatic conditions at the LSA and RSA, including methods of determination including a discussion of how data from outside the project area may have been utilized and uncertainties encountered,		4	3	3.1.1.1, 3.1.2	3-1, 3-2 to 3-30
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Meteorological data including, but not limited to, air temperature, precipitation, wind directions and velocity, as well as prevailing wind directions for locations of proposed project components and along proposed shipping route(s),		4	3	3.1.2.2	3-4 to 3-30
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Annual, seasonal, monthly and daily average and mean values of above noted meteorological parameters, seasonal and yearly fluctuations and variability, and extreme climate events over the same period of time in which the data including site-specific data are collected in the RSA of the Project, and		4	3	3.1.2.2	3-4 to 3-30
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Prevalent trends related to VECs in the project area and any resulting implications to the Project.	Yes	4 Addendum 4	3 3	3.1.1.3 4.3, Addendum Appendix V4-3D, Addendum Appendix V4-3E	3-1 to 3-2 4-3 to 4-7, All, All

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Part	Guidelines Section		Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
	Section	Subsection						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.2.2 Impact Assessment	The Proponent is required to present a comprehensive analysis of the impact that all components of the Project and activities may have on climate and meteorology. This analysis shall include the following:		4	3	3.4.2.1	3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. A discussion of the relationship between climate change and GHG emissions from the Project, and		4	3	3.4.2.1	3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A discussion on the climate parameters that may change due to emissions from the Project [GHGs, and criteria contaminants such as SO ₂ , NO _x , CO, VOCs, O ₃ , etc.].		4	3	3.4.2.1	3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.3 Noise and Vibration			-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.3.1 Baseline Information	i. A description of baseline noise and vibration levels in the Project area, including a discussion on variability, and if applicable, the relationship between these parameters and local weather conditions, seasonal variations, etc.,		4	2	2.1.2	2-2 to 2-6
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A review of available studies/research the potential impacts of noise and vibrations on wildlife behaviours and health in both terrestrial and marine environments, with a focus on noise from similar mining and shipping operations, in comparable climate and geographical regions if possible. Emphasis should be placed on level of noise and the identification of noise sensitive species, timing, etc., and		5 7	5, 6, 7, 8, 9, 10 6, 7	5.5.2.2, 6.5.2.2, 7.5.2.2, 8.5.2.2, 9.5.2.2, 10.5.2.2 6.5.2.2, 7.5.2.2.	5-148 to 5-162, 6-47 to 6-55, 7-30 to 7-40, 8-43 to 8-58, 9-40 to 9-47, 10-29 to 10-41 6-27 to 6-33, 7-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. A review of available studies/research on the potential impacts of noise and vibrations from blasting in or near freshwater and marine environments.		7	5	5.5.2.2	5-28 to 5-29
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.3.2 Impact Assessment	The Proponent is required to present a comprehensive analysis of the impact that all Project components and activities may have on noise and vibration. This analysis shall include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. A description of anticipated noise and vibration levels from all relevant Project equipment and activities,		4 7 8	2 5 6	2.3.1, 2.5.2.1, 2.5.2.2 5.5.2.2 6.4.3.10	2-7 to 2-8, 2-15, 5-28 to 5-29 6-172
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A discussion of the standards, guidelines, thresholds and regulations that the Proponent will comply with to minimize and mitigate impacts associated with noise and vibrations,		4	2	2.5.2.3	2-16 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Potential increase to atmospheric noise levels from Project activities at different project stages, including those contributions arising from:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Ground transportation, including mine traffic, other access roads and the public where applicable,		4	2	2.5.2.3	2-16 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Air transportation,		4	2	2.5.2.3	2-16 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Equipment use at mine and construction sites, including power generators, and		4	2	2.5.2.3	2-16 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Mine site operations including: blasting, drilling, crushing, screening, milling, smelting, transportation and stockpiling activities,		4	2	2.5.2.3	2-16 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential changes in marine noise levels due to shipping activities, as well as noise propagation in the marine environment, and		4 7	2 6, 7	2.5.2.1 6.5.2.2, 7.5.2.2	2-15 6-27 to 6-33, 7-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential impacts of noise and vibration on the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Humans and human activity in close proximity to noise generating sources,		8	6	6.4.3.11.2	6-178
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Terrestrial wildlife, with a focus on caribou and migratory birds and Species at Risk,		5 7	5, 6, 7, 8, 9, 10 6	5.5.2.2, 6.5.2.2, 7.5.2.2, 8.5.2.2, 9.5.2.2, 10.5.2.2 6.5.2.2	5-148 to 5-162, 6-47 to 6-55, 7-30 to 7-40, 8-43 to 8-58, 9-40 to 9-47, 10-29 to 10-41 6-27 to 6-33
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Marine mammals, and		7	6, 7	6.5.2.2, 7.5.2.2	6-25 to 6-28, 7-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Fish in fresh water and marine environments.		7	5	5.5.2.2, 5.5.4	5-28, 5-31 to 5-32
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.4 Terrestrial Environment	For the purpose of the current Guidelines, terrestrial environment includes terrestrial ecology, landform and soils, permafrost, and ground stability.		5	All	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.4.1 Baseline Information	i. A description of existing unique or valuable landforms (e.g. eskers, fragile landscapes, wetlands), including details regarding their ecological functions and distribution in the LSA,		5	4	4.1, 4.3.2.2	4-1 to 4-18, 4-22 to 4-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of existing or proposed protected areas, special management areas, and conservation areas in the RSA,		5	4	4.1	4-1 to 4-18

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Part	Section	Subsection						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. A discussion of the landforms and topographic features at areas proposed for construction of major project components, including the type, thickness, soil stability and/or clay sensitivity, and classification and distribution of soils as applicable,		5	3	3.4.1.3, 3.4.1.4	3-34 to 3-35
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. A description of the bedrock lithology, morphology, surface geology, landform and soils (including sediments and the thermal and ground ice conditions) at proposed borrow and quarry sites, project facilities such as tailing and waste rock management facilities, roads, and other areas where earthworks are proposed. If eskers are identified as a potential source of granular material, then a description of granular material properties, including thermal condition and ice content, should also be included,		5	1, 2, 4	1.1, 2.1, 4.1	1-1 to 1-15, 2-1 to 2-22, 4-1 to 4-18
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. A discussion of the potential of geohazards, that may have an effect on the project or the occurrence of which may potentially be affected by the Project (e.g., slumping, landslides, potential slippage, seismic hazards) at areas planned for Project facilities and infrastructure,		5 9	3 2	3.4.1 2.2	3-33 2-1 to 2-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. A discussion of the relationship between permafrost processes and active layer, surface waterbodies and topography, including a description of permafrost and talik configuration in the development area and adjacent water bodies and implications for groundwater flow pathways,		5	2, 3, 4	2.4.1, 3.1, 4.1	2-23, 3-1 to 3-21, 4-1 to 4-18
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Details regarding the suitability of topsoil and overburden for use in the re-vegetation of surface-disturbed areas,		5	3	3.1.3	3-6 to 3-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. A description of permafrost distribution in the LSA, including areas of discontinuous permafrost, high ice-content soils, ice lenses, thaw-sensitive slopes, and talik zones,		5	2, 3	2.1, 3.4.1.3	2-1 to 2-22, 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. A description of permafrost temperatures at areas planned for Project facilities and infrastructure, including discussion of sensitivity to climate change, and implications for stability and safety of infrastructures, and		5	2, 3	2.1, 3.4.1.3	2-1 to 2-22, 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. Sites of paleontological or palaeobotanical significance within the LSA.		8	2	2.1	2-1 to 2-2
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.4.2 Impact Assessment	The Proponent is required to present a comprehensive analysis of the impact that all Project components and activities may have on the terrestrial environment. This analysis shall include the following:		5	All	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. The general impact on topography in the LSA as a result of Project development, borrow resource extraction, with a focus on sensitive landforms, and those serving as important vegetation and wildlife habitat,		5	4	4.5.2, 4.8.4, 4.9	4-28 to 4-30, 4-63, 4-63 to 4-65
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential impacts on the abundance and distribution of unique or valuable landforms (e.g. wetlands, eskers and fragile landscapes) from the Project,		5	4	4.5.4.1	4-33 to 4-50
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Potential for soil erosion, including stream bank erosion, resulting from surface disturbances associated with the Project components and activities (e.g. road embankments, water crossings, water management/diversions) during all Project phases,		5	3	3.4.1.1	3-33
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts to soil quality from compaction, the deposition of air emissions and airborne fugitive dust emissions and/or spills from the Project,		5 8	3 6	Appendix V4-1B 3.4.2 6.4.4	All 3-34 6-177
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Implications to the Project planning and design of design of project components related to terrain conditions, in particular permafrost, sensitive landforms, high ice-content soils, ice lenses, thaw-sensitive slopes, and talik zones,		5 6 9	3 2 2	3.4.3, 3.4.4 2.1.2 2.2, 2.3, 2.4	3-34 to 3-35 2-4 to 2-20 2-1 to 2-8
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Potential impacts on the stability of terrain, in particular the thermal stability, in the vicinity of facilities and infrastructure due to the thawing of the ice-rich permafrost soils and other sensitive landforms. Discussion should focus on the potential for impacts arising from surface disturbances due to construction (e.g. overburden stripping, mine pit creation, cuts/fills, excavation) of the facility and infrastructure,		5	3	3.4	3-33 to 3-35
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. An assessment and prediction of permafrost behaviour (degradation and its rate) beneath the pits during mining and operation of the tailings management facilities including disposing of waste rock. Long-term predictions of the thermal regime around the tailings management facilities should be conducted with the consideration of climate change. Numerical modelling should be employed for both short term and long term predictions of permafrost evolution including predictions of artesian inflow into the tailings management facilities if thawing of permafrost is envisioned,		5	2	2.1.2	2-5 to 2-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Potential impacts on contamination of traditional foods as a result of bioaccumulation, (i.e. food chain uptake through air, water and soil),		8	5, 6	5.5, 6.4.1.7, 6.4.2.7	5-23 to 5-61, 6-36 to 6-57, 6-104 to 6-124
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Potential impacts on food (i.e. contamination of country foods) including those harvested or grown for subsistence or medicinal purposes (i.e. berries, etc.),		8	5, 6	5.5, 6.4.1.7, 6.4.2.7, 6.4.2.11	5-23 to 5-61, 6-36 to 6-57, 6-104 to 6-124, 6-165

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. A discussion of whether country foods are consumed, or are expected to be consumed, in the potentially affected area,		8	5, 6	5.1, Appendix V8-5A, 6.1.8, 6.4.2.12	5-1 to 5-15, All, 6-11, 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xi. Identification of what country foods are consumed, which parts of country foods are consumed, and their consumption frequency,		8	5	5.1, Appendix V8-5A	5-1 to 5-15, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xii. Lists all potential contaminants and a determination of whether these contaminants may persist into country foods as a result from project activities,		8	6	6.4.1.6, 6.4.1.7, 6.4.2.6, 6.4.2.10	6-35 to 6-36, 6-36 to 6-58, 6-163 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xiii. Potential impact from the loss or alteration of habitat (i.e. vegetation) due to pollutants and noise and its effects on wildlife, wildlife calving grounds and marine habitat,		5	5, 6, 7, 8, 9, 10	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xiv. A discussion on environmental receptivity including ecological, physical and/or climatic factors that influence exposure to harmful substances, and	Yes	4 Addendum 4	3 3	3.4 4.3, Addendum Appendix V4-3D, Addendum Appendix V4-3E	3-33 to 3-42 4-3 to 4-7, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xv. A discussion of the potential for the occurrence, frequency and distribution of terrain hazards, including snow drifts and snow banks, as a result of construction activities (e.g. cut/fill, extraction of construction materials).		5	3	3.4	3-33 to 3-35
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.5 Geological Features, Surficial and Bedrock Geology and Geochemistry	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.5.1 Baseline Information	i. A description of local and regional bedrock and quaternary geology. The history of the geological formations and the description of their physical, chemical and hydrogeological properties should be given. For data obtained with in-situ investigations, maps should be provided showing the location of the boreholes, with their positions relative to the planned project component,		5 6 2	1, 2 2 7	1.1, 2.1 2.1 7.1	1-1 to 1-14, 2-1 to 2-22 2-1 to 2-20 7-1 to 7-13
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of structural geology, such as fractures and faults, at major project infrastructure areas and where earthworks are proposed (e.g. mine site(s), port site, tank farm(s) and storage facilities, etc.),		5 2	1 7	1.1 7.1, Appendix V2-7C	1-1 to 1-14 7-1 to 7-13, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Typical regional and local cross-sections of the general geology should be provided showing the geological units and their elevation, groundwater table, and linear geological structures,		5 6 2	1, 2 2 7	1.1, 2.1 2.1 7.1, Appendix V2-7C	1-1 to 1-14, 2-1 to 2-22 2-1 to 2-20 7-1 to 7-13, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. A description of the geotechnical properties of bedrock and soil units, including ice content and thermal conditions of permafrost soils and rocks, as relating to slope stability, underground stability, and bearing capacity of facility foundations, and		2 5 6	7 2 2	7.1.3, 7.1.5 Appendix V2-7C 2.1 2.1, Appendix V6-2D	7-7 to 7-8, 7-10 to 7-13, All 2-1 to 2-22 2-1 to 2-20, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. An acquisition of the in-situ stress either with in-situ investigation or from other sources with reasonable confidence.		2 9	7 2	7.1.1, 7.2.5.1 2.2.1, 2.2.2, 2.3	7-3 to 7-5, 7-20 2-1 to 2-2, 2-2
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.5.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities on geology. This analysis should include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Potential geotechnical and geophysical hazards within the Project area, including potential seasonal subsidence, seismicity and faulting, risks associated with cut/fill slopes, underground excavation, and surface constructed facilities. Where appropriate, the assessment should be supplemented by analysis and illustrations such as maps, figures, cross sections and borehole logs,		2	6, 7	6.6.2.1, 7.1.1, 7.2.4.2, 7.2.5.3, Appendix V2-7C	6-21 to 6-23, 7-3 to 7-5, 7-18, 7-22, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential effects on foundation stability of major Project components from geological fractures and faults, and associated implications of these features on project planning and engineering design. Those Project components assessed shall include, but are not limited to the port facilities, major watercourse crossings, open pits, underground mine, and equipment pads, and		2 6 9 10 11	6, 7 2 2 7, 9 2	6.6.13, Appendix V2-7C, Appendix V2-7E 2.1 2.3 3.6.3 3.5	6-33 to 6-40, All, All 2-1 to 2-20 2-7 27 8
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Risk assessment and predictions, including proposed management measures.		2 5 9	7 1 2	7.1.1 1 2.3	7-3 to 7-5 1-1 to 1-10 2-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.6 Hydrological Features and Hydrogeology	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.6.1 Baseline Information	i. A description of hydrology of the LSA (e.g. streams, surface water flows, subsurface water movement, ice formation, and melt patterns),		6	1	1.1.2	1-13 to 1-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of relevant hydrological regimes, drainage basins, watershed boundaries and site water balance in the RSA,		6	1	1.1.1	1-1 to 1-13
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. A description of natural fluctuations, variability, and sources of variability in flow rates, including seasonal fluctuations and year-to-year variability, and the interactions between surface water and groundwater flow systems,		6	1, 2	1.1, 2.1	1-1 to 1-29, 2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. A description of the timing of freeze/thaw cycles, flood zones, ice cover (seasonal patterns and spatial variation), and ice conditions and typical thicknesses, formations and melt patterns,		6	1, 3	1.1, 3.1	1-1 to 1-29, 3-1 to 3-14

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. A description of hydrological characteristics of streams, rivers, and lakes in each watershed of the RSA. Items listed should be considered within the context of the range of climate conditions expected (include both climatic variability such as potential for extreme events, seasonal changes),		6	1	1.1.1, 1.1.3	1-1 to 1-13, 1-31
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. A conceptual and numerical hydrogeological model that discusses the hydrostratigraphy and groundwater flow systems should be presented,		6	2	2.1, 2.4.1, 2.4.2	2-1 to 2-20, 2-21 to 2-23
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Characterization of faults and fractures within the mine area, including information about occurrence, hydraulic conductivity testing and interpretation,		6	2	2.1	2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. A description of interactions between permafrost, surface water and ground water, and topography, as well as rock fractures and talik zones between different surface/ground waters,		6	2	2.1	2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. A description of permafrost/talik distribution, permeability and hydraulic conductivity of the underlying materials, and		5 6	3 2	3.1 2.1	3-1 to 3-21 2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. A description of existing groundwater regimes, distribution characteristics and flow paths in the Project area, including any instances of frozen groundwater within/around the identified deposits.		6	2	2.1	2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.6.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its shipping activities where applicable, on hydrology and hydrogeology. This analysis should include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Discussion of the potential impact of variable and extreme stream-flows on Project design and planning, including how the design and size of proposed watercrossings would ensure adequate flow capacity to accommodate spring freshet and storm flows (e.g. 1 in 100 year or greater storm events). This should include migration contingencies if the watercrossing does not function as intended,		6 9	1, 4, 5 2	1.5.2, 4.5.2, 5.5.2 2.6	1-43, 4-31 to 4-38, 5-19 to 5-25 2-8 to 2-13
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential impacts to existing watersheds from surface water diversions required by mine site development and other Project components (e.g. waste rock stockpiles),		6	1	1.5	1-41 to 1-55
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Evaluation of stormwater runoff throughout the LSA, with consideration for potential impacts to receiving waters (e.g. flow rates and flow patterns),		6 9	1 2	1.1, 1.5.2 2.6	1-1 to 1-29, 1-43 2-8 to 2-13
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts to natural drainage patterns from the construction and operation of proposed mine facilities and Project infrastructure,		6	1	1.5	1-41 to 1-55
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential impacts on terrestrial and aquatic wildlife habitat resulting from the modification or redirection of natural flows,		5	4, 5, 6, 7, 8, 9, 10	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Potential for ice damming and resultant effects on other resources,		6 9 10	6.7 2 14	6.5.2, 7.5.2 2.8, 2.14.1 8.4	6-47 to 6-61, 7-37 to 7-46 2-13, 2-17 19
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. An assessment of each watercrossing and in-stream work, and potential impacts to the navigability and safety of the watercourses,	Yes	2 40 14 14 5 Addendum 10	6 5 14 14 5	6.4.3, 6.5, 6.6 8.2.2 4.2.3, 4.3, 7.1, 7.2 4.2.3, 4.3, 7.1, 7.2 8.2.2	6.7 to 6.8, 6.14 to 6.40 24 12 to 13, 14 to 16 12 to 13, 14 to 16 8-2 to 8-3
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Potential changes to permafrost and ground ice conditions as a result of Project activities, including an analysis of the potential for groundwater inflow into the open pit, and		2 5 6	7 2 2	Appendix V2-7C 2.4 2.4	All 2-23 to 2-24 2-21 to 2-23
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Potential changes to permafrost/talik distribution, groundwater distribution and flow paths.		5 6	2 2	2.4 2.4	2-23 to 2-24 2-21 to 2-23
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.7 Groundwater and Surface Water Quality	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.7.1 Baseline Information	i. Identification of all sources of drinking water (surface and groundwater), as well as water used for recreational purposes, within the area of influence of the project,		6	4	4.2, 4.11.1	4-23 to 4-25, 4-64
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of the natural hydrogeochemistry of groundwater system (i.e. pH, redox potential, total dissolved solids, isotopic composition, dissolved oxygen, dissolved metals anions and cations),		6	2	2.1	2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. A description of the physical and chemical characteristics of groundwater and surface water in the LSA, with discussion of seasonal variations of water flow and quality. Chemical characteristics should include baseline levels of contaminants and should be compared to relevant water standards/guidelines with identification of those which are naturally elevated,		6	2, 4	2.1, 4.1.5, 4.1.6	2-1 to 2-20, 4-13 to 4-23
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. A discussion of waters in the LSA of importance to local harvesting activities by surrounding communities,		6	6, 7	6.2.1, 7.2.1	6-35 to 6-41, 7-25 to 7-31
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. A description of lake bathymetry and limnology in the LSA, and		6	3, 6	3.1, 6.1	3-1 to 3-14, 6-1 to 6-35

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Provision of an outline of baseline water quality conditions within the watershed and the project area, including a summary of baseline data collected with summary statistics and detection limits identified,		6	4	4.1.4.2, 4.1.5, 4.1.6	4-4 to 4-23
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Provision of maps and cross sections of the study area indicating the extent of hydrostratigraphic units, permafrost, and lake taliks. Groundwater levels, potentiometric contours and groundwater flow directions should be included.		5 6	2 2	2.1 2.1	2-1 to 2-22 2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Provision of the location and description of all on-site groundwater monitoring wells, including well diameter and screen depth and intercepted aquifer unit. Include all baseline groundwater level data.		6	2	2.1, Appendix V6-2A, Appendix V6-2B	2-1 to 2-20, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Provision of the location and description of all on-site groundwater monitoring wells, including well diameter and screen depth and intercepted aquifer unit. Include all baseline groundwater level data.		6	2	2.1, Appendix V6-2A, Appendix V6-2B	2-1 to 2-20, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Provision of hydraulic conductivity data for hydrogeologic units in the study area.		6	2	2.1	2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. Provision of a detailed groundwater budget.		6	2	2.4.2	2-22 to 2-23
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xi. Inclusion of a discussion of groundwater interactions with surface water bodies in the area.		6	2	2.1	2-1 to 2-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.7.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its shipping activities where applicable, on groundwater and surface water quality. This analysis should include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Identification and provision of details on the specific contaminants of potential concern to the Project, the project activity to which they are related, the rationale for selecting them and for determining which will be carried forward into the impact assessment,		6 7 8	4, 5 2, 3 6	4.5.1, 4.5.2, 5.5.1, 5.5.2 2.5.1, 2.5.2, 3.5.1, 3.5.2 6.4.1.9, 6.4.2.9	4-36 to 4-38, 5-14 to 5-25 2-16 to 2-26, 3-12 to 3-22 6-73 to 6-94, 6-132 to 6-163
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Provision of predicted increases in contaminants in groundwater and surface water as a result of the Project, specifically identifying any waterbodies used as drinking water sources, for recreational purposes, that are important to local harvesting, the fish bearing status of identified waterbodies as well as specifically identifying any other fish bearing waterbodies. For any water sources identified as being current or future drinking water sources, comparison of concentrations of contaminants to relevant territorial drinking standards/guidelines and/or Health Canada Drinking Water Guidelines (Health Canada, 2010),		6 8	4, 2, 6, 7 6	4.11, 4.1, 4.2, 4.5, 2.2, 2.4.1, 6.1, 6.2, 7.1, 7.2 6.1.2, 6.1.4, 6.4.2.11	4-63 to 4-64, 4-1 to 4-25, 4-26 to 4-57, 2-20 to 2-21, 6-1 to 6-42, 7-1 to 7-32 6-3, 6-5, 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Potential impacts on groundwater quality and surface water quality in surrounding lakes and rivers from surface runoff and seepage, traffic on Project roads, and from dust from road traffic,		6	2, 4	2.4.1, 4.5	2-21, 4-26 to 4-57
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts on water quality due to under ice water withdrawals,		6	4	4.5.2.2, 4.5.2.5, 4.5.3.2, 4.5.3.5	4-36, 4-37, 4-41, 4-42
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential impacts on groundwater quality and surface water quality of surrounding lakes, rivers, and streams from discharges of Project waste water treatment plants. A solute transport model based on numerical groundwater flow modelling should be used for ground water quality predictions and appropriate models selected (with rationale) to predict:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Water quality from specific sources,		6	2, 4	2.2, 2.4.2, 4.2, 4.5.2.9, 4.5.3.9	2-20 to 2-22, 4-23 to 4-25, 4-38, 4-45
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Water quality discharged to the environment, and		2 10	6 3	6.4.12, 6.4.13, 6.6.3, 7.10 3, 7	6-13, 6-24, 7-42 to 7-48 3 to 42, 43 to 47
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		o Dispersion, dilution and assimilation of effluent discharged to the environment,		2 10	6, 7 3	6.4.12, 6.4.13, 6.6.3, 7.10 3, 7	6-13, 6-24, 7-42 to 7-48 3 to 42, 43 to 47
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Potential impacts on groundwater quality and surface water quality from dust, ARD and ML resulting from waste rock stockpiles, ore stockpiles, open pit and underground mine dewatering, construction fills, embankment of roads, and open quarry sites,	Yes	6 Addendum 6	2, 4 4	2.4.1, 4.5 6.4, Addendum Appendix V6-4C	2-21, 4-16 to 4-57 6-10 to 6-15, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Potential impacts of faults on contaminant transport processes in subsurface and surface water quality,		6 9 10	2 2 7	2.1.2.2, 2.1.2.4 2.3 3.6.3, 3.6.4, 3.6.5	2-10 to 2-20, 2-20 2-7 27 to 28
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Potential impacts on surface water quality of nearby lakes and streams as a result of nutrient input from blasting activities,		2 6 10	6 4 16	6.4.12, 6.4.13, 6.6.3, 7.10 4.5.2.1, 4.5.2.7, 4.5.3.7 6	6-13, 6-24, 7-42 to 7-48 4-36, 4-37 to 4-38, 4-43 to 4-44 9 to 12
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Potential for increases in suspended sediments in waterbodies as a result of construction and maintenance of the mine facilities, all-weather road and associated water crossings,		6	4	4.5.2.1, 4.5.2.3, 4.5.2.6, 4.5.3.1, 4.5.3.3, 4.5.3.6, 4.5.4.1, 4.5.4.2, 4.5.5	4-36 to 4-37, 4-39 to 4-43, 4-56 to 4-46, 4-56

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. Potential impacts on surface/ground water quality from runoff at fuel storage facilities, with consideration for possible fuel spills and malfunctions,	Yes	6 9 40 Addendum 10	4 3 5 5	4.5.2.8, 4.5.3.8 3.3 8.2.2 8.2.2	4-38, 4-44 to 4-45 3-6 to 3-20 24 8-2 to 8-3
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xi. Potential impacts on ground and surface water quality from accidental spills of fuel and chemicals along the ground transportation routes,		6 9	4 3	4.5.2.8, 4.5.3.8 3.3, Appendix V9-3A	4-38, 4-44 to 4-45 3-6 to 3-20, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xii. Potential impacts on surface water quality from the deposition of particulate matter resulting from the incomplete combustion of wastes from incineration,		6	4	4.5.2.8, 4.5.3.8	4-38, 4-44 to 4-45
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xiii. Potential impacts on groundwater and surface water quality in relation to other site waste management activities, including: storage, handling, waste deposition in landfills, landfarming of contaminated soil or runoff, the management of historical contaminated material (e.g. previous spills, mishaps, releases), and sewage effluent discharges,		2 6	6 4	6.4.12, 6.4.13, 6.4.14, 6.6.3, 6.6.8, 7.10, 8-12 4.5.2.3, 4.5.3.3, 4.5.4.2, 4.5.5	6-13, 6-24, 6-28 to 6-32, 7-42 to 7-48, 8-7 4-36 to 4-37, 4-42, 4-46 to 4-47, 4-56 to 4-57
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xiv. Potential impacts on surface water quality from construction and operation of camps,		6	4	4.5.2.1, 4.5.2.3, 4.5.2.8, 4.5.3.1, 4.5.3.3, 4.5.3.8, 4.5.4.1, 4.5.4.2, 4.5.5	4-36, 4-36, 4-38, 4-39 to 4-42, 4-44 to 4-47, 4-56 to 4-57
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xv. Potential impacts of erosion associated with the all-weather road on surface water quality as a result of vegetation removal, cuts/fills and other surface disturbances,		6	4	4.5.2.1, 4.5.3.1, 4.5.4.1, 4.5.5	4-36, 4-39 to 4-41, 4-45 to 4-46, 4-56 to 4-57
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xvi. Potential impact of ongoing exploration activities on surface water quality from drilling water withdrawals and returns,		6	4	4.5.2.4, 4.5.2.5, 4.5.3.4, 4.5.3.5, 4.5.4.3, 4.5.5	4-37, 4-42 to 4-43, 4-50, 4-47 to 4-57
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xvii. Outline proposed surface water quality objectives to maintain within the watershed and project area throughout life of project. Outline anticipated impacts (and cumulative effects) to surface and groundwater quality in the watershed.	Yes	6 Addendum 6	2, 4 6	2.4.1, 4.5.4, 4.5.5, 4.6, 4.8, 4.9 6.4, Addendum Appendix V6-4C	2-21 to 2-22, 4-45 to 4-63 6-10 to 6-15, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.8 Sediment Quality	Based on the proposed facilities and activities, the Proponent should identify water bodies that are potentially impacted by development under various pathways. For each water body, the Proponent should provide details on what baseline data is appropriate and if flow or dispersion modeling is required to assess impacts, then the baseline program should be designed to collect that information:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.8.1 Baseline Information	i. A description of the physical and chemical characteristics of sediment in the LSA,		6 7	5 3	5.1 3.1	5-1 to 5-12 3-1 to 3-10
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of sedimentation rates and dispersion patterns in waterbodies of the LSA, and		6	5	X.1	5-1 to 5-12
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. For the sedimentation deposition rates, flow models and sediment dispersion models should be provided which outline the rate and location of sediment deposition where relevant. Provide linkage of this baseline information with the hydrology baseline information (Subsection 8.1.6.1).		6	5	5.1	5-1 to 5-12
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.8.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its shipping activities where applicable, on sediment quality. This analysis should include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Potential impacts on sediment quality in surrounding lakes and rivers from surface runoff and traffic on Project roads and dust from road traffic and other project sources,		6	5	5.5.2.1, 5.5.2.2, 5.5.2.3, 5.5.2.4, 5.5.2.6, 5.5.2.8, 5.5.3.1, 5.5.3.2, 5.5.3.3, 5.5.3.4, 5.5.3.6, 5.5.4.1, 5.5.4.2, 5.5.4.3, 5.5.5	5-23 to 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A discussion of fluvial processes and stability as related to proposed water crossings,		6	5	5.5.2.1, 5.5.3.1, 5.5.4.1, 5.5.5	5-23, 5-26 to 5-28, 5-31 to 5-32, 5-35 to 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Potential sedimentation and infill rates of drainage areas that might be impacted by the Project,		6	5	5.1.5	5-7 to 5-11
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts on sediment quality of lakes and rivers from discharges of Project waste water treatment plants,		6	5	5.5	5-14 to 5-36
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential impacts on sediment quality from ARD and ML resulting from waste rock stockpiles, ore stockpiles, open pit dewatering, construction fills, embankment of roads, and open quarry sites,	Yes	6 Addendum 6	5 4	5.5.2.1, 5.5.2.2, 5.5.2.3, 5.5.2.4, 5.5.3.1, 5.5.3.2, 5.5.3.3, 5.5.3.4, 5.5.4.1, 5.5.4.2, 5.5.4.3, 5.5.5 6.4, Addendum Appendix V6-4C	5-23 to 5-24, 5-26 to 5-29, 5-31 to 5-37 6-10 to 6-15, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Potential impacts of erosion associated with the all-weather road on sediment quality as a result of vegetation removal, cuts/fills and other surface disturbances,		6	6	5.5.2.1, 5.5.2.3, 5.5.3.1, 5.5.3.3, 5.5.4.1, 5.5.4.3, 5.5.5	5-23, 5-24, 5-26, 5-28, 5-31 to 5-32, 5-33 to 5-35, 5-35
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Potential impacts on sediment quality of nearby lakes and streams as a result of nutrient input from blasting activities,		6	5	5.5.2.5, 5.5.3.5	5-24, 5-29 to 5-30

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Potential impacts on sediment from runoff at fuel storage facilities, with consideration for possible fuel spills and malfunctions,		6 9	5 3	5.5.2.6, 5.5.3.6 3.3	5-24, 5-30 to 5-31 3-6 to 3-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Potential impacts on sediment quality from the deposition of particulate matter resulting from the incomplete combustion of wastes from incineration,		6	5	5.5.2.6, 5.5.2.8	5-24, 5-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. Potential impacts to sediment quality in relation to other site waste management activities, including: the storage, handling, waste deposition in landfills, landfarming of contaminated soil or runoff, the management of historical contaminated material (e.g. previous spills, mishaps, releases), as well as sewage effluent discharges, and		6	5	5.5.2.2, 5.5.3.2, 5.5.4.2, 5.5.5	5-23, 5-28, 5-32 to 5-33, 5-35 to 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xi. Potential impacts on sediment quality from construction and operation of camps.		6	5	5.5.2.1, 5.5.2.2, 5.5.2.7, 5.5.2.8, 5.5.3.1, 5.5.3.2, 5.5.3.7, 5.5.4.1, 5.5.4.2, 5.5.5	5-23 to 5-28, 5-31 to 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.9 Freshwater Aquatic Environment	For the purpose of the current Guidelines, freshwater aquatic environment includes aquatic ecology, aquatic biota (including representative fish as defined in the <i>Fisheries Act</i> , benthic invertebrates, and other aquatic organisms) and habitat including fish habitat as defined in the <i>Fisheries Act</i> :		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.9.1 Baseline Information	i. A description of the limnology, freshwater biota, presence of fish and other freshwater species, associated habitats and habitat distribution in the RSA and the LSA with emphasis on species that perform particularly significant ecological functions. This description should be based on the results of baseline information collected from studies, available published information and/or information resulting from community consultations,		6	6, 7	6.1.6, 6.1.7, 6.2.1, 7.1.6, 7.1.7, 7.2.1	6-22 to 6-34, 6-35 to 6-41 7-15 to 7-24, 7-25 to 7-31
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of the biological composition of freshwater aquatic environments in the LSA, including: trophic state, periphyton, phytoplankton, zooplankton, benthic invertebrates, fish, and the interactions and relative significance of each trophic level identified in the food chain,		6	6, 7	6.1.6, 6.1.7, 7.1.6, 7.1.7	6-22 to 6-34, 7-15 to 7-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Description and population distribution of fish species in the LSA with a focus on arctic char, lake trout, and arctic grayling, and other species identified as contributing to an Aboriginal, recreational or commercial fishery, as well as key forage fish for these species, and including baseline information on the abundance and distribution of these species,		6	7	7.1.1, 7.1.6, 7.1.7, 7.2.1	7-1 to 7-4, 7-15 to 7-24, 7-25 to 7-31
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Characterization of habitat requirements for each fish species, including areas used for spawning, rearing, feeding and over-wintering, and any sensitive times for these activities,		6	6, 7	6.1.1, 6.1.6, 6.1.7, 7.1.1	6-1, 6-22 to 6-34, 7-1 to 7-4
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Description of existing freshwater habitat in waterbodies and watercourses within the LSA including littoral zones, aquatic and riparian vegetation, lake bottom characteristics, key habitat areas (such as fish overwintering areas, spawning, migration corridors etc.) the estimated productive capacity, etc.,		6	3, 6	3.1, 6.1.6, 6.1.7	3-1 to 3-14, 6-22 to 6-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. An overview of fish species, populations, distributions and ecologies in the RSA, with emphasis on identified fish VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC) or any populations of any rare or regionally unique fish species and habitats within both the LSA or RSA. This description should include reference to species having significant ecological functions, and/or importance for Inuit life and culture,		6	7	7.1, 7.2	7-1 to 7-32
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. The health of fish VEC indicator species populations and their contaminant loadings, and		6 8	7 5, 6	7.1.6, 7.1.7, 7.1.8 Appendix V8-5A, 6.1.4.6.4.1.11	7-15 to 7-25 All, 6-5 to 6-6, 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. A discussion of any other issues relating to freshwater aquatic species or habitat identified through public consultation.		3 6	1 6, 7	1.6.1, 1.6.3, 1.6.3.3 6.5.3, 6.8, 6.9, 7.5.3, 7.8, 7.9	1-36 to 1-37, 1-39 to 1-40, 1-41 to 1-42, 1-46 to 1-47 6-61 to 6-70, 6-71 to 6-74, 7-46 to 7-56, 7-57 to 7-61
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.9.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its shipping activities, on the freshwater aquatic environment. This analysis should include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Potential impacts to fish, invertebrates, and freshwater habitat including potential impacts to water and sediment quality. Consideration should be given to impacts associated with the following: water withdrawals, discharge, redirection of natural flows, explosives use, nutrient and contaminant inputs, and sewage and grey water effluent discharge,	Yes	6 Addendum 6	1, 4, 5, 6, 7 4 6	1.5, 4.5, 5.5, 6.5, 7.5 6.4, Addendum Appendix V6-4C 6.6, Addendum Appendix V6-6F, Addendum Appendix V6-6G	1-41 to 1-55, 4-26 to 4-57, 5-14 to 5-36, 6-44 to 6-70, 7-34 to 7-56 6-10 to 6-15, All 6-16 to 6-27, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential direct or indirect effects on fish and invertebrate biota and habitat of both, including aquatic Species at Risk, from any changes to the aquatic or riparian environments, as a result of any in-water works or Project activities in close proximity to waterbodies,	Yes	6 Addendum 6	1, 4, 5, 6, 7 6	1.5, 4.5, 5.5, 6.5, 7.5 6.6, Addendum Appendix V6-6F, Addendum Appendix V6-6G	1-41 to 1-55, 4-26 to 4-57, 5-14 to 5-36, 6-44 to 6-70, 7-34 to 7-56 6-16 to 6-27, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Potential impacts to fish due to blasting in or near waterbodies, including noise and vibration impacts,		6	7	7.5.2.3, 7.5.3.3, 7.5.4, 7.5.5, 7.10	7-45, 7-54, 7-56, 7-56, 7-61
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts to fish and fish habitat from any infilling of lake, wetland or stream habitats associated with road construction(s),		6	6	6.5.2.1, 6.5.3.1, 6.5.4, 6.5.5, 6.6.2, 6.7, 6.10	6-48 to 6-59, 6-61 to 6-63, 6-70, 6-70, 6-70, 6-74

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential impacts to freshwater fish, invertebrates and habitat from planned containment structures (e.g., sediment control structures and fuel containment structures) and potential accidental spills,		6 9	6 3	6.5.2.3, 6.5.3.3 3.3	6-59 to 6-60, 6-69 3-6 to 3-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Potential impacts on identified fish habitat critical for spawning, rearing, nursery and feeding, seasonal migration, winter refuges and migration corridors,	Yes	6 Addendum 6	6, 7 6	6.5.2.1, 6.5.2.2, 6.5.3.1, 6.5.3.2, 6.5.4, 6.5.5, 6.6.2, 6.7, 6.10, 7.5.2.1, 7.5.2.2, 7.5.3.1, 7.5.3.2, 7.5.4, 7.5.5, 7.6.2, 7.7, 7.10 6.6, Addendum Appendix V6-6F, Addendum Appendix V6-6G	6-48 to 6-59, 6-61 to 6-69, 6-70, 6-70, 6-74, 7-38 to 7-45, 7-56, 7-57, 7-61 6-16 to 6-27, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. An evaluation of the ability of fish to pass at water crossings along access roads taking into consideration periods of extreme low and extreme high stream flows,	Yes	6 Addendum 6	6 6	6.5.2.1, 6.5.3.1, 6.5.4, 6.5.5, 6.6.2, 6.7, 6.10 6.6, Addendum Appendix V6-6F, Addendum Appendix V6-6G	6-48 to 6-59, 6-61 to 6-63, 6-70, 6-70, 6-70, 6-74 6-16 to 6-27, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Potential impacts to fish health, distributions and populations especially taking in to consideration contamination and fugitive dust and potential impact to human health due to consumption of these fish,		6 8	7 5, 6	7.5.2, 7.5.3, 7.5.4, 7.5.5, 7.6.2, 7.7, 7.10 5.5.2.2, 5.5.4, 6.4.2.9.4	7-37 to 7-56, 7-56, 7-57, 7-61 5-29 to 5-30, 5-36 to 5-60, 6-132 to 6-163
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Potential impacts on contamination of traditional foods as a result of bioaccumulation, i.e. food chain uptake through air, water and soil, including a discussion of proposed monitoring,		6 8	7 5, 6	7.10 5.5, 5.8, 5.9, 6.4.1, 6.4.2, 6.4.4	7-61 5-23 to 5-61, 6-18 to 6-165, 6-177
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. Discussion of the management measures for minimizing/mitigation of disturbances to fish populations, including measures to reduce the potential for establishment of invasive species in the area,	Yes	6 Addendum 6	6, 7 6	6.5.3, 6.8, 7.5.3, 7.8 6.6, Addendum Appendix V6-6F, Addendum Appendix V6-6G	6-61 to 6-70, 6-71 to 6-74, 7-46 to 7-56, 7-57 to 7-60 6-16 to 6-27, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xi. Environmental receptivity-including ecological, physical and/or climatic factors that influence exposure to harmful substances, and		6	4	4.5, 4.6	4-26 to 4-59
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xii. Quantitative assessment of the ecological risks to freshwater VECs from the potential elevated contaminant loadings as a result of the Project.		8	5, 6	5.5.4.2.2, 6.4.1.3.2, 6.4.1.4.1, 6.4.1.7.1, 6.4.1.7.2, 6.4.1.7.3, 6.4.1.7.4, 6.4.1.8, 6.4.1.9, 6.4.2.8, 6.4.2.9, 6.4.2.12	5-39 to 5-60, 6-21, 6-26, 6-36 to 6-73, 6-124 to 6-132, 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.10 Vegetation			-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.10.1 Baseline Information	i. A description of ecological zones, and other relevant classifications of plant associations and phenologies in the LSA,		5	4	4.1	4-1 to 4-18
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of the vegetation/plant types in the LSA, including estimated percentage cover and height for principal species, with a discussion on their particular significant ecological functions and/or their importance to wildlife and humans,		5	4	4.1	4-1 to 4-18
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. An overview of vegetation species, populations, distributions and ecologies in the RSA, with emphasis on identified vegetation VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC). This description should include reference to species having significant ecological functions, and/or importance for Inuit life and culture including TK collected related to plants and plant use in the RSA,		5 8	4, 5 5	4.1, Appendix V5-4A, Appendix V5-5A 5.1.1, 5.5.2.3, 5.5.4.3	4-1 to 4-18, All, All 5-2 to 5-4, 5-30, 5-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Details regarding associations between vegetation cover types and soil types in the LSA,		5 8	4, 5 5	4.1, 4.2, 4.3, Appendix V5-4A, Appendix V5-5A 5.1.1, 5.5.2.3, 5.5.4.3	4-1 to 4-26, All, All 5-2 to 5-4, 5-30, 5-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. A presentation of available published information and/or information resulting from TK studies regarding identified VECs,		5	4	4.1, Appendix V5-4A	4-1 to 4-18, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. A discussion of the health status of plant species or communities in the LSA, including baseline information on contaminant levels (including metals) in representative species consumed by wildlife and/or humans, either directly (humans eating plants) or indirectly (humans consuming wildlife), and other vegetation that reflects sensitivity to contaminants or environmental pathways of exposure and biomagnification, and		5	4	4.1, 4.2	4-1 to 4-19
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Any other issues related to vegetation as identified through public consultation.		3 5 8	1 4 5, 6	1.6.1, 1.6.3, 1.6.3.3 4.1 5.1, Appendix V8-5A, 6.1, 6.4.1, 6.4.2	1-36 to 1-37, 1-39 to 1-40, 1-41 to 1-42, 1-46 to 1-47 4-1 to 4-18 5-1 to 5-15, All, 6-1 to 6-13, 6-18 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.10.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its ground and marine based transportation activities, on vegetation. This analysis should include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Potential impacts to abundance and diversity of vegetation due to Project activities,		5	4	4.5	4-26 to 4-55
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential impacts to specific vegetation coverage and species composition from construction, operation, and reclamation activities in the Project area,		5	4	4.5	4-26 to 4-55
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. An assessment of the potential loss, disturbance, and/or changes to vegetation abundance, diversity, and forage quality as a result of Project components and activities, including potential effects from airborne fugitive dust fall, airborne contaminants from emission sources, and changes to water quality and quantity, permafrost, or snow accumulation,		4 8	5 6	4.5 6.1, 6.4.1	4-26 to 4-55 6-2 to 6-13, 6-18 to 6-95

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts on vegetation abundance and diversity from the transfer/introduction of invasive or exotic species into the LSA via Project equipment and vehicles, including aircraft and marine vessels,		5	4	4.5.2.2	4-29 to 4-30
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential impacts on vegetation quality due to soil erosion, structural soil changes, soil contamination, and fugitive dust and gaseous air emissions from mining, milling and waste management activities,		4 8	5 6	4.5.2.2 6.1, 6.4.1	4-29 to 4-31 6-2 to 6-13, 6-18 to 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. A discussion of proposed vegetation monitoring, specifically contaminant levels in species directly consumed by wildlife (e.g. lichen) and/or humans (e.g. Labrador tea, blueberries) and/or indirectly consumed through food consumption (i.e. caribou),		5 8	4 6	4.5.2.2., 4.5.4.2 6.4.2	4-29 to 4-31, 4-50 6-95 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. A discussion of the management measures for minimizing/mitigation of disturbances to plant associations, including progressive reclamation/re-vegetation plans for disturbed areas, and measures to reduce the potential for establishment of invasive species in the area,		2 5	8 4	8 4.5.3, 4.8	All 4-30 to 4-32, 4-62 to 4-63
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Potential impacts on contamination of traditional foods as a result of bioaccumulation, i.e. food chain uptake through air, water and soil,		8	5, 6	5.1, Appendix V8-5A, 6.1, 6.4.1, 6.4.2	5-1 to 5-15, All, 6-1 to 6-13, 6-18 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Potential impact from the loss or alteration of habitat (i.e. vegetation) due to pollutants and noise and its effects on wildlife, wildlife calving grounds and marine habitat, and		5 7	4, 5, 6, 7, 8, 9, 10 6, 7	4.5.2.1, 4.5.2.2, 4.5.3, 5.5.2.1, 5.5.2.2, 6.5.2.1, 6.5.2.2, 7.5.2.1, 7.5.2.2, 8.5.2.1, 8.5.2.2, 9.5.2.1, 9.5.2.2, 10.5.2.1, 10.5.2.2 6.5.2.1, 6.5.2.2, 7.5.2.1, 7.5.2.2	4-28 to 4-32, 5-136 to 5-162, 6-43 to 6-55, 7-25 to 7-40, 8-40 to 8-58, 9-36 to 9-47, 10-27 to 10-41 6-26 to 6-33, 7-20 to 7-28
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. A discussion of the potential of invasive vegetative species (weedy species) from shipping along the shore line and from transportation along the all-weather road.		5	4	4.5.2.2	4-29 to 4-30
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.11 Terrestrial Wildlife and Wildlife Habitat	For the purpose of the current Guidelines, terrestrial wildlife and wildlife habitat includes representative terrestrial mammals including: caribou (including habitat, migration, and behaviour), muskoxen, wolverine, polar bears, brown bears (including brown and grizzly bears), wolves and less conspicuous species that may be maximally exposed to contaminants, and wildlife migration routes and crossings.		5	5, 6, 7, 8	All, Appendices V5-5A, V5-5B, V5-5C, V5-5D, V5-5E, V5-6A	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.11.1 Baseline Information	i. A description of wildlife populations, distributions and ecologies in the RSA, with emphasis on identified wildlife VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC). This description should include reference to species having significant ecological functions, and/or of importance for Inuit life and culture,	Yes	5 Addendum 5	5, 6, 7, 8 5	5.1, 5.2, 6.1, 6.2, 7.1, 7.2, 8.1, 8.2 5.5	5-1 to 5-125, 6-1 to 6-33, 7-1 to 7-16, 8-1 to 8-30 5-21 to 5-59
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. A description of biodiversity within the RSA, and associated food chain relationships among terrestrial wildlife species,		5	5, 6, 7, 8	5.1.2.4, 5.1.3.4, 6.1.4, 7.1.4, 8.1.4	5-19 to 5-21, 5-91 to 5-92, 6-4 to 6-9, 7-3, 8-6 to 8-8
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Presentation of available published information and/or information resulting from TK studies regarding identified VECs, including: the relative seasonal and annual trends in abundance and distributions, the estimated productive capacity, migratory patterns and associated corridors/routes, critical habitats on or in LSA and RSA, and sensitive periods,		5	5, 6, 7, 8	5.1, 6.1, 7.1, 8.1	5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. A description of the population health of identified VECs, with a discussion of contaminant loadings in representative species important to Inuit as a food source, such as caribou,		5 7 8	5, 6, 7, 8, 9, 10 6, 7 5, 6	5.1.2.3, 5.1.3.3, 6.1.2, 7.1.2, 8.1.2, 9.1.2, 10.1.2 6.1.2, 7.1.2 5.1.1, 5.1.2, 5.1.3, Appendix V8-5A, 6.1, 6.4.1, 6.4.2, 6.4.4	5-17, 5-59, 6-1 to 6-3, 7-1 to 7-2, 8-1 to 8-3, 9-1 to 9-2, 10-1 to 10-2 6-1 to 6-2, 7-1 to 7-2 5.2 to 5.6, All, 6-2 to 6-13, 6-18 to 6-95, 6-95 to 6-165, 6-177 to 6-178
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Details regarding habitats within the LSA which are important for forage, shelter and reproduction of wildlife VECs, including terrestrial and aquatic habitats (e.g. sea ice, freshwater and marine waters),		5	5, 6, 7, 8	5.1.2.4, 5.1.3.4, Appendix V5-5A, 6.1.4, 7.1.4, 8.1.4	5-19 to 5-21, 5-91 to 5-92, All, All, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Identification of key wildlife habitats in the LSA and RSA as applicable, including: National Parks, Critical Wildlife Areas, Territorial Parks and other areas with legislated protection, eskers, caribou calving and nursing areas, denning sites, staging areas, and special locations as salt licks, insect relief habitats, and areas used by females and their young. Related discussion should also include migration routes, water course crossings, travel corridors and areas important for Inuit harvesting,		5	5, 6, 7, 8	5.1, 6.1.3 to 6.1.5, 7.1.3 to 7.1.5, 8.1.3 to 8.1.5	5-1 to 5-122, 6-3 to 6-22, 7-2 to 7-14, 8-5 to 8-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Identification of habitats of any rare or sensitive species, such as Species at Risk, or those with similar designations or federal and territorial status,		5	5, 6, 7, 8	5.1.2.4, 5.1.2.5, 5.1.3.4, 5.1.3.5, 5.1.4.4, 6.1.4, 6.1.5, 7.1.4, 7.1.5, 8.1.4, 8.1.5	5-19 to 5-82, 5-91 to 5-109, 5-121 to 5-122, 6-4 to 6-22, 7-3 to 7-14, 8-6 to 8-15
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. A description of the migratory patterns and routes of terrestrial wildlife VECs and the corresponding periods when these routes would be affected by the Project,		5	5, 6, 7, 8	5.1.2.2, 5.1.3.2, 5.1.4.2, 6.1.3, 7.1.3, 8.1.3	5-3 to 5-15, 5-82 to 5-91, 5-110 to 5-116 6-3 to 6-4, 7-2 to 7-3, 8-5 to 8-6
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Discussion of the relative health of VEC populations, including contaminant loading in representative wildlife VEC species (i.e. caribou),		8	5, 6	Appendix V8-5A, 6.1, 6.4.1, 6.4.2, 6.4.4	All, 6-2 to 6-13, 6-18 to 6-95, 6-95 to 6-165, 6-177 to 6-178
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. A description of the distribution and population levels of caribou in the RSA and LSA. Consideration should be given to the cyclic nature of caribou as well as the shifts in annual caribou ranges over time, with baseline information collection covering appropriate temporal and spatial scales for an accurate understanding of current population health,		5	5	5.1.2, 5.1.3, 5.1.4	5-3 to 5-122

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Part	Guidelines Section	Section	Subsection	Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			xi. Details regarding available information on potential impacts to wildlife associated with noise, vibrations, and dust and dust deposition from relevant scientific research and TK, and	Yes	3 5 Addendum 5 Addendum 10	1, 3 5, 6, 7, 8 5 20	1.6.3.3, Appendices V3-1C, V3-1G, V3-3B, V3-3C 5.5.2.1, 5.5.2.2, 6.5.2.1, 6.5.2.2, 7.5.2.1, 7.5.2.2, 8.5.2.1, 8.5.2.2 5.5 7.1.5.8	1-46 to 1-47, All 5-136 to 5-162, 6-43 to 6-55, 7-25 to 7-40, 8-40 to 8-58 5-21 to 5-59 7-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			xii. Discussion of other pertinent issues as identified through public consultation.		3 5	1 5	1.6 5.5.3, 5.8, 5.9	1-36 to 1-48 5-187 to 5-191, 5-242 to 5-249
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.11.2 Impact Assessment		The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its shipping activities, on terrestrial wildlife and wildlife habitat. This analysis should include the following:		5	5, 6, 7, 8	5.5, 6.5, 7.5, 8.5	5-131 to 5-197, 6-37 to 6-69, 7-18 to 7-50, 8-32 to 8-70
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			i. Potential general impacts on terrestrial wildlife in the LSA, including: interference with migratory routes, alienation from important habitat (e.g. denning sites, calving and post-calving areas), habitat fragmentation and general disturbance or disruption caused by Project activities,		5	5, 6, 7, 8	5.5.2.2, 5.5.2.3, 6.5.2.2, 6.5.2.3, 7.5.2.2, 7.5.2.3, 8.5.2.2, 8.5.2.3	5-148 to 5-166, 6-47 to 6-56, 7-30 to 7-41, 8-43 to 8-59
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			ii. Potential impacts on population size, abundance, distribution and behaviour of wildlife VECs from:		5 8	5, 6, 7, 8 6	5.5, 6.5, 7.5, 8.5 6.4.1.8, 6.4.1.9, 6.4.1.10, 6.4.1.11	5-131 to 5-197, 6-37 to 6-69, 7-18 to 7-50, 8-32 to 8-70 6-58 to 6-94
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			o Direct and indirect loss of habitat from the presence of and use of infrastructure, the conduct of project activities and associated sensory disturbances,		5	5, 6, 7, 8	5.5.2.1, 5.5.2.2, 6.5.2.1, 6.5.2.2, 7.5.2.1, 7.5.2.2, 8.5.2.1, 8.5.2.2	5-136 to 5-162, 6-43 to 6-55, 7-25 to 7-40, 8-40 to 8-58
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			o Direct and indirect impacts from potential degraded water quality and ground contamination, as well as airborne contaminants resulting from project facilities and associated activities,		5 8	5, 6, 7, 8 6	5.5.2.7, 6.5.2.7, 7.5.2.7, 8.5.2.7 6.4.1.8, 6.4.1.9, 6.4.1.10, 6.4.1.11	5-170, 6-58 to 6-59, 7-42, 8-60 to 8-61 6-58 to 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			o Direct and indirect impacts from potential ice-breaking (prior to spring break-up or following fall freeze-up) associated with shipping activities, and ice management at the port/dock facility,		2 10	6 15	6.3.3 4.1.1, 4.3.1,	6-4 to 6-5 7, 7 to 8
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			o Direct and indirect impacts from climate change, and		4 5	3 5, 6, 7, 8	4.1.1, 4.3.1,	3-34 to 3-37 5-170 to 5-187, 6-66 to 6-67, 7-47 to 7-48, 8-91 to 8-92
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			o Where relevant, the Proponent shall take into account the alteration of normal behaviour or patterns and provide any associated outcomes for overall energy balance for the relevant VEC,		5	5, 6, 7, 8	5.5.2.8, 6.5.2.8, 7.5.2.8, 8.5.2.8	5-170 to 5-187, 6-59 to 6-61, 7-42 to 7-43, 8-61 to 8-62
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			iii. Potential impacts on wildlife from ground traffic and air traffic disturbance, particularly low level flights (i.e. lower than 610 metres) during critical periods (caribou calving and post-calving). For this impact assessment, a delineated flight impact zone could be useful in determining the potential impact of flights on wildlife, with a particular focus on critical life cycle periods and planned air traffic volume and routes,		5	5, 6, 7, 8	5.5.2.2, 6.5.2.2, 7.5.2.2, 8.5.2.2	5-148 to 5-162, 6-47 to 6-55, 7-30 to 7-40, 8-43 to 8-58
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			iv. Potential impacts on wildlife from injury or mortality caused by Project activities, particularly the use of the all-weather road, mine hauling roads and other access roads, as well as intentional killing of wildlife to defend human life or property by mine personnel,		5	5, 6, 7, 8	5.5.2.4, 5.5.2.5, 5.5.2.6, 6.5.2.4, 6.5.2.5, 6.5.2.6, 7.5.2.4, 7.5.2.5, 7.5.2.6, 8.5.2.4, 8.5.2.5, 8.5.2.6	5-166 to 5-170, 6-56 to 6-58, 7-41 to 7-42, 8-59 to 8-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			v. Potential impacts on wildlife from increased hunting pressure resulting from improved access due to Project infrastructure,		5 8	5, 6, 7, 8 4	5.5.2.5, 6.5.2.5, 7.5.2.5, 8.5.2.5 4.7.2.1	5-168 to 5-169, 6-56, 7-41 to 7-42, 8-59 to 8-60 4-80 to 4-81
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			vi. Potential impacts of noise and vibration on wildlife from drilling, blasting and other activities as results of Project construction and operation,		5 Addendum 5 Addendum 10	5, 6, 7, 8 5 20	5.5.2.2, 6.5.2.2, 7.5.2.2, 8.5.2.2 5.5 7.1.5.8	5-148 to 5-162, 6-47 to 6-55, 7-30 to 7-40, 8-43 to 8-58 5-21 to 5-59 7-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			vii. Assessment of the potential for Project activities to act as an attractant to wildlife species, and associated effect/changes to behaviour and condition,		5	5, 6, 7, 8	5.5.2.6, 6.5.2.6, 7.5.2.6, 8.5.2.6	5-169 to 5-170, 6-56 to 6-58, 7-42, 8-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			viii. Evaluation of the potential for contaminants to be released into the environment as a result of the Project and to be taken up by VEC species,		5 8	5, 6, 7, 8 6	5.5.2.7, 6.5.2.7, 7.5.2.7, 8.5.2.7 6.4.1.7	5-170, 6-58 to 6-59, 7-42, 8-60 to 8-61 6-36 to 6-58
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			ix. Potential impacts of contamination to sources of traditional food (including those trapped, fished, hunted, harvested or grown for subsistence or medicinal purposes) as a result of bioaccumulation (i.e. food chain uptake through air, water and soil) as well as any proposed monitoring methods to track these potential impacts,		5 8	5, 6, 7, 8 5 6	5.5.2.7, 6.5.2.7, 7.5.2.7, 8.5.2.7 5.5.2, 5.5.4, 5.8 6.4.1, 6.4.2	5-170, 6-58 to 6-59, 7-42, 8-60 to 8-61 5-25 to 5-30, 5-36 to 5-61, 5-61 6-18 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			x. List of all potential contaminants and a determination of whether possible uptake of these contaminants into country foods will result from project activities.		8	6	6.4.1.7, 6.4.1.9, 6.4.2.7, 6.4.2.9	6-36 to 6-58, 6-73 to 6-94, 6-104 to 6-124, 6-132 to 6-163
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			xi. Potential impacts from the loss or alteration of habitat (i.e. vegetation) due to pollutants and noise and any ancillary effects, and		5 Addendum 5	4, 5, 6, 7, 8 5	4.5.2, 5.5.2.1, 5.5.2.2, 6.5.2.1, 6.5.2.2, 7.5.2.1, 7.5.2.2, 8.5.2.1, 8.5.2.2 5.5	4-28 to 4-30, 5-136 to 5-162, 6-43 to 6-55, 7-25 to 7-40, 8-40 to 8-58 5-21 to 5-59
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			xii. Evaluation of the relative health and potential for chemical toxicity for inherently sensitive wildlife species based on an analysis of exposure pathways and demographic parameters.		5 8	5, 6, 7, 8 6	5.5.2.7, 6.5.2.7, 7.5.2.7, 8.5.2.7 6.4.1.7, 6.4.1.10, 6.4.1.11, 6.4.2.7, 6.4.2.12	5-170, 6-58 to 6-59, 7-42, 8-60 to 8-61 6-36 to 6-58, 6-94 to 6-95, 6-104 to 6-124, 6-125
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.12 Birds and Bird Habitat		For the purpose of the current Guidelines, discussion relating to birds shall include raptors, migratory birds, marine birds and the associated habitat of each.		5 7	9, 10 6	All	All

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Part	Section	Subsection						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.12.1 Baseline Information	i. An overview of bird species, populations, distributions and ecologies in the RSA, with emphasis on identified bird VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC). This description should include reference to species having significant ecological functions, and/or importance for Inuit life and culture,		5 7	9, 10 6	9.1, 10.1 6.1	9-1 to 9-25, 10-1 to 10-15 6-1 to 6-15
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Description of current habitat use by VECs, including the use of Migratory Bird Sanctuaries, Key Migratory Bird Sites, Territorial Parks and other important habitats (e.g. breeding, nesting sites, staging areas) in the RSA and along the proposed shipping routes,		5 7	9, 10 6	9.1,10.1 6.1, 6.11	9-1 to 9-25,10-1 to 10-15 6-1 to 6-15, 6-55 to 6-62
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Description of the relative seasonal/annual abundances, distributions and trends in range or habitat use, movements and population status of bird VECs, including but not limited to population abundance, reproductive success, mortality rates, density, diversity, etc.,		5 7	9,10 6	9.1,10.1 6.1, 6.11	9-1 to 9-25, 10-1 to 10-15 6-1 to 6-15, 6-55 to 6-62
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Description of migratory patterns and routes of VECs potentially impacted by the Project, with a discussion of corresponding sensitive periods, and		5 7	9,10 6	9.1.4, 9.1.5,10.1.4, 10.1.5 6.1.4, 6.1.5, 6.11	9-4 to 9-25,10-3- to 10-15 6-1 to 6-15, 6-55 to 6-62
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Identification of key migratory bird sites along the shipping route, including those which could potentially be affected by marine spills as a result of current and/or wind patterns.		7 9	6 3	6.1, 6.11 Appendix V9-3A	6-1 to 6-13, 6-51 to 6-57 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.12.2 Impact Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its shipping activities, on birds. This analysis should include the following:		5 7	9, 10 6	9.5, 10.5 6.5	9-30 to 9-55, 10-22 to 10-51 6-30 to 6-39
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Description of the potential loss, alteration or isolation of habitat (e.g. staging and nesting habitats) as a result of the Project development. Special consideration should be given to Species at Risk listed on Schedule 1 of the federal SARA, species with designations by the COSEWIC, species having significant ecological functions or importance for Inuit life and culture,		5 7	9, 10 6	9.5.2, 10.5.2 6.5.2	9-35 to 9-51, 10-25 to 10-46 6-25 to 6-36
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential disruption or alteration of migration routes due to Project phases or activities,		5	9, 10	9.5.2.3, 10.5.2.3	9-47, 10-41
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Where relevant, the Proponent shall account for alteration of normal behaviour or patterns and provide any associated outcomes for overall energy balance for the relevant VEC,		5 7	9, 10 6	9.5.2.8,10.5.2.8 6.5.2	9-51, 10-45 to 10-46 6-25 to 6-36
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts on birds and bird habitat use from air contamination, vegetation contamination, ground contaminants or degraded water quality,		5 7 8	9, 10 6 6	9.5.2.7,10.5.2.7 6.5.2.5 6.4.1.7, 6.4.1.11	9-51,10-45 6-34 to 6-36 6-36 to 6-58, 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential disturbances to birds from noise and vibrations as a result of blasting, and land and marine transportation,		5 7	9, 10 6	9.5.2.2,10.5.2.2 6.5.2.2	9-40 to 9-47, 10-29 to 10-41 6-27 to 6-33
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Potential impact from pre-determined Flight Impact Zones, and potential for collision with aircraft,		5 7	9, 10 6	9.5.2.2, 9.5.2.4, 10.5.2.2, 10.5.2.4 6.5.2.2, 6.5.2.3	9-40 to 9-47, 10-29 to 10-43 6-27 to 6-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Potential for Project facilities to attract wildlife such as polar bear, brown and grizzly bear, wolverine, foxes, ravens and gulls that may prey upon migratory birds and resulting impacts on the migratory bird populations,		5	9, 10	9.5.2.5, 10.5.2.5	9-49 to 9-50, 10-43
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Potential attraction of birds and other scavengers/predators by domestic waste at camp sites,		5	9, 10	9.5.2.6, 10.5.2.6	9-50 to 9-51, 10-43 to 10-45
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ix. Potential attraction of birds to Project facilities and infrastructure for roosting and nesting sites,		5	9, 10	9.5.2.6,10.5.2.6	9-50 to 9-51, 10-43 to 10-45
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		x. Potential for bird mortality due to collisions with tall structures, overhead wires or guy wires,		5	9, 10	9.5.2.4, 10.5.2.4	9-47 to 9-49, 10-41 to 10-43
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xi. Potential effects of shipping on coastal and marine birds and habitat, as well as potential disturbance on key migratory bird habitat areas and sanctuaries in proximity to shipping routes in the NSA,		7	6	6.5.2.2, 6.11	6-27 to 6-33, 6-55 o 6-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xii. Incidental spills, malfunctions and other accidents associated with shipping operations and potential impacts to marine birds,		9	3	3.3, Appendix V9-3A	3-6 to 3-20, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xiii. Potential interactions, accidental injuries and mortality of marine birds directly or indirectly from proposed shipping (open water and potential ice breaking during break-up in the spring and freeze-up in the fall) activities, in particular those marine birds which congregate in areas where the shipping routes would pass through,		7	6	6.5.2.2, 6.5.2.3, 6.5.2.4, 6.5.2.5	6-27 to 6-36
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xiv. Potential direct and indirect effects on marine bird behaviour, distribution, abundance, migration patterns, species health and reproduction from marine shipping,		7	6	6.5.2.2, 6.5.2.3, 6.5.2.4, 6.5.2.5	6-27 to 6-36
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		xv. Evaluation of the potential for contaminants to be released to the environment from marine shipping and taken up by marine bird VECs as a result of the Project,		7 8	2, 6 6	2.5.2, 6.5.2.5 6.4.1.7, 6.4.1.8, 6.4.1.9, 6.4.1.10	2-20 to 2-26, 6-34 to 6-36 6-36 to 6-94

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Part	Guidelines Section	Section	Subsection	Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			xvi. Assessment of potential cumulative effects on marine bird VECs resulting from escalated marine traffic in the RSA over the mining lifecycle, including the potentially extended minimum operation period. Consideration should be given to the possible significant increase of marine vessel traffic along shipping routes,		7	6	6.6.2.1	6-41 to 6-42
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			xvii. Potential impacts of contaminant bioaccumulation via food chain uptake through air, water and soil, including specific impacts to traditional food sources including potential monitoring methods to track the progress of this potential impact, and		5 7 8	9, 10 6 5, 6	9.5.2.7, 10.5.2.7 6.5.2.5 5.5.2.2.3, 5.5.4.2.4, 5.5.4.2.5, 5.5.4.3, 5.8, 6.4.1.7.1 to 6.4.1.7.4, 6.4.1.8.6, 6.4.1.9.5, 6.4.1.11, 6.4.2.7.1 to 6.4.2.7.4, 6.4.2.8.5, 6.4.2.9.4, 6.4.2.11	9-51, 10-45 6-34 5-25 to 5-29, 5-34 to 5-35, 6-36 to 6-58, 6-58 to 6-73, 6-73 to 6-95, 6-95, 6-100 to 6-104, 6-124 to 6-132, 6-132 to 6-163, 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			xviii. Potential impacts from the loss or alteration of habitat (i.e. vegetation) due to pollutants and noise and its effects on bird and bird habitat.		5 7 8	4, 9, 10 6 6	4.3.2.1, 4.3.2.2, 4.5.2.2, 9.5.2.1, 9.5.2.2, 10.5.2.1, 10.5.2.2 6.5.2.1 6.4.1.7.1 to 6.4.1.7.4, 6.4.3.7, 6.4.3.10.1, 6.4.3.11.1	4-21 to 4-25, 4-29 to 4-30, 9-36 to 9-47, 10-27 to 10-41 6-26 to 6-27 6-36 to 6-58, 6-167, 6-172, 6-175 to 6-177
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.13 Marine Environment		For the purposes of the current Guidelines, the marine environment shall include marine ecology, marine water and sediment quality, and marine biota including fish, Species at Risk, and marine habitat.		7	All	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.13.1 Baseline Information		i. Description of marine physical processes and currents including the coastal environment, biological diversity and composition, and associated interactions in the LSA and RSA, including the proposed shipping route(s) within the NSA,		7	1, 4, 5, 6, 7	All, 4.1, 5.1, 6.1, 6.11, 7.1, 7.11	All, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 6-55 to 6-60, 7-1 to 7-5, 7-42 to 7-49
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			ii. Data on seasonal ice cover including timing of ice freeze-up and break-up for the proposed shipping routes,		7	1	1.1.4, 1.1.5	1-10 to 1-27
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			iii. Presentation of available bathymetric information along the proposed shipping route(s),		7 9	1 3	1.1 (Figure 1.1-1) Appendix V9-3A	1-1 to 1-31 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			iv. Identification of sensitive habitat areas for marine fish, anadromous fish and marine mammals along the shipping route(s), and		7	4, 5, 7	4.1, 4.2, 5.1, 5.2, 7.1, 7.2, 7.11	4-1 to 4-37, 5-1 to 5-20, 7-1 to 7-11, 7-42 to 7-49
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			v. Presentation of TK collected related to coastal areas and ice conditions.		3 7	1, 3 1, 4, 5, 6, 7	Appendices V3-1C, V3-1G, V3-3A, V3-3B 1.2, 4.2, 5.2, 6.2, 7.2	All, All, All, All 1-31 to 1-32, 4-30 to 4-37, 5-11 to 5-20, 6-15 to 6-18, 7-9 to 7-11
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.13.2 Impact Assessment		The Proponent is required to present an impact analysis that gives consideration to the potential for Project shipping activities to impact the marine environment. This analysis shall include the following:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			i. Potential risks and impacts to the marine ecosystem through the introduction of exotic species, including pathogens, through seasonal shipping,		7	5	5.5.2.2, 5.5.3.2, 5.5.4, 5.5.5, 5.6.2, 5.6.5, 5.7, 5.10	5-28 to 5-29, 5-30 to 5-31, 5-31 to 5-32, 5-32, 5-34, 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			ii. Potential impacts on marine water quality from accidental spills of fuel and chemicals along the shipping routes and from the accidental grounding/stranding of marine vessels along the shipping routes,		9	3	Appendix V9-3A	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			iii. Potential impacts on marine water quality and sediment quality from discharges of Project waste water treatment plants. A solute transport model based on numerical flow modelling should be used for water quality predictions and appropriate models selected, with rationale, to predict:		7	2, 3	2.5.2.6, 2.5.3.6, 3.5.2.6, 3.5.3.5	2-26, 2-33 to 2-34, 3-22, 3-26 to 3-27
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			o Water quality discharged to the environment, and		7	2	2.5	2-16 to 2-39
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			o Dispersion, dilution and assimilation of effluent discharged to the environment,		7 10	2 7	2.5 All	2-16 to 2-39 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			iv. An assessment of the effects of Project activities (i.e. effluent discharge, accommodation barge, loading docks, etc.) on fish and fish habitat of Bathurst Inlet,		7	4, 5	4.5, 5.5	4-40 to 4-50, 5-22 to 5-32
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			v. Potential impacts of wake effects from shipping on the shoreline stability and sensitive fish or marine mammal habitat (i.e. coastal wetlands),		7	2, 3, 4, 5	2.5.2.1, 2.5.3.1, 2.5.4.1, 3.5.2.1, 3.5.3.1, 3.5.4.1, 4.5.2.2, 4.5.3.2, 4.5.4, 4.6.2, 4.7, 4.10, 5.5.2.2, 5.5.3.2, 5.5.4, 5.5.5, 5.6.2, 5.6.5, 5.7, 5.10	2-23, 2-27, 2-33, 3-20, 3-23, 3-27, 4-46, 4-49, 4-49, 4-50, 5-28 to 5-29, 5-30 to 5-31, 5-31 to 5-32, 5-34, 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			vi. Potential impacts on sedimentation patterns and subsequent impacts on subsea permafrost in the nearshore region,		7	3	3.5.4.2	3-28
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			vii. Potential impacts of sedimentation from propeller wash on water quality, fish and fish habitat and, benthic invertebrates,		7	2, 4, 5	2.5.2.1, 2.5.3.1, 2.5.4.1, 2.5.5 4.5.2.2, 4.5.3.2, 4.5.4, 4.6.2, 4.7, 4.10, 5.5.2.2, 5.5.3.2, 5.5.4, 5.5.5, 5.6.2, 5.6.5, 5.7, 5.10	2-23, 2-27 to 2-30, 2-33 to 2-36, 2-39, 4-46, 4-49, 4-49, 4-50, 4-52, 4-54, 5-28 to 5-29, 5-30 to 5-31, 5-31 to 5-32, 5-32, 5-34, 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			viii. Potential impacts of ballast water discharge on water quality, fish and fish habitat, benthic invertebrates including cumulative impacts over the life of the Project,		7	2, 5	2.5.2.1, 5.5.2.2, 5.5.3.2, 5.5.4, 5.5.5, 5.6.2, 5.6.5, 5.7, 5.10	2-23 to 2-24, 5-28 to 5-29, 5-30 to 5-31, 5-31 to 5-32, 5-32, 5-34, 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			ix. Potential impact on marine environment and bio-accumulation in marine food chains, in particular on benthic organisms, from antifouling toxins (e.g. tributyltin) leaching from marine vessels, and		7	2, 3, 4, 5	2.5.2.1, 2.5.3.1, 3.5.2.1, 3.5.3.1, 4.5.2.1, 4.5.3.1, 5.3.2, 5.5.2, 5.10	2-23, 2-27 to 2-30, 3-20, 3-23, 4-44, 4-46, 5-21, 5-25 to 5-29, 5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT			x. Potential impacts of climate change and sea level change on Project elements.		9	2	2.10, 2.11, 2.12, 2.13, 2.14, 2.15, 2.16	2-14 to 2-19
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.14 Marine Wildlife				-	-	-	-

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.14.1 Baseline Information	i. A description of marine wildlife populations, distributions and ecologies in the RSA, with emphasis on identified marine wildlife VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC). This description should include reference to species having significant ecological functions, and/or of importance for Inuit life and culture,		7	6, 7	6.1, 6.11, 7.1, 7.11	6-1 to 6-15, 6-55 to 6-62, 7-1 to 7-9, 7-42 to 7-48
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Characterization of marine wildlife habitat in the LSA, including habitat used by VECs for feeding, calving, nursing, over-wintering, and other critical activities, and		7	6, 7	6.1, 6.11, 7.1, 7.11	6-1 to 6-15, 6-55 to 6-62, 7-1 to 7-9, 7-42 to 7-48
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Identification of marine wildlife species, historical and current habitats, distribution, seasonal migration patterns, critical areas (i.e. feeding, calving, over wintering, etc.), and potential interactions with shipping activities.		7	6, 7	6.1, 6.11, 7.1, 7.11	6-1 to 6-15, 6-55 to 6-62, 7-1 to 7-9, 7-42 to 7-48
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.14.2 Impact Assessment	The Proponent is required to present an impact analysis that gives consideration to the potential for Project shipping activities to impact the marine wildlife. The Proponent shall, where any impact to marine wildlife is identified, indicate the cultural or practical importance of that species to northerners. In addition, the analysis shall include the following:		7	6, 7	6.5.2, 7.5.2	6-25 to 6-36, 7-18 to 7-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		i. Potential loss to or deterioration in the habitat of marine wildlife VECs due to shipping route(s). Special consideration should be given to Species at Risk listed on Schedule 1 of the federal SARA, species with designations by the COSEWIC, species having significant ecological functions, and/or of importance for Inuit life and culture,		7	6, 7	6.5.2.1, 6.5.2.2, 7.5.2.1, 7.5.2.2	6-26 to 6-33, 7-20 to 7-28
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential direct and indirect impacts to marine wildlife, marine fish and marine habitat from marine shipping activities including increased noise levels,	Yes	7 -40 10 Addendum 10	6, 7 6 15 6	6.5.2.2, 7.5.2.2 7-4 11 9.4	6-27 to 6-33, 7-22 to 7-28 22 to 23 19 to 20 19 to 20 9-6 to 9-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iii. Potential spills, malfunctions and other accidents associated with shipping operations and any resulting impacts to marine wildlife, marine habitat and marine fish,		9	3	3.3.1, 3.3.2, 3.3.3, 3.4.5, Appendix V9-3A	3-6 to 3-8, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		iv. Risk assessment of the potential introduction of non-native aquatic species due to ballast water discharge, ship wash and hull fouling,		7 8	5 6	5.5.2, 5.5.3.2, 5.5.4, 5.5.5, 5.6, 5.7, 5.10 6.4.1.10	5-25 to 5-29, 5-30, 5-31 to 5-32, 5-32 to 5-34, 5-37 6-94 to 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential interactions, accidental injuries and mortality of marine wildlife directly or indirectly from proposed shipping (open water and potential ice breaking during break-up in the spring and following freeze-up in the fall) activities, in particular those marine wildlife which congregate in areas where the shipping routes would pass through,		7	6, 7	6.5.2.3, 6.5.2.6, 7.5.2.2, 7.5.2.3, 7.5.2.6	6-33 to 6-34, 7-22 to 7-28, 7-33 to 7-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vi. Potential direct and indirect effects on marine wildlife behaviour, distribution, abundance, migration patterns, species health and reproduction from marine shipping activities,		7	6, 7	6.5.2, 7.5.2	6-25 to 6-36, 7-18 to 7-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		vii. Evaluation of the potential for contaminants to be released to the environment and taken up by VECs as a result of the Project, and		8	6	6.1, 6.4.1, 6.4.2	6-2 to 6-13, 6-18 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		viii. Assessment of potential residual and cumulative effects on marine wildlife VECs resulting from escalated marine traffic in the RSA over the mining lifecycle (and including the potentially extended mine operation period). Consideration should be given to the possible significant increase of marine vessel traffic along shipping routes.		7	6, 7	6.6, 7.6	6-39 to 6-48, 7-36
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent shall present baseline information on the functioning and stability of the socio-economic environment in the RSA (see Section 7.3), with a corresponding impact assessment covering all Project phases of development (construction, operations, temporary closure, final closure, and post-closure).		8	3, 4	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent shall describe the components of the socio-economic environment and the processes affecting them as they exist without the Project. This will serve as a baseline against which the potential changes and impacts of the Project can be measured and will also justify the Proponent's selection of VSECs and indicators.		8	3, 4	3.1, 4.1	3-1 to 3-25, 4-1 to 4-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent shall provide a clear rationale for its selection of communities, the public consultation carried out, and relevant reference studies and reports from which baseline data is collected.		3 8	1 3, 4	1.3, 1.4 3.1, 3.4, 4.1, 4.4	1-5 to 1-12, 1-12 to 1-19 3-1 to 3-22, 3-36 to 3-37, 4-1 to 4-21, 4-31 to 4-32

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		In its impact assessment, the Proponent shall describe and assess the interactions between the socio-economic and biophysical environments, including the roles of the land and wage-based economies and the nature of a mixed economy in the North. The discussion should reflect a proper understanding of the structure and functioning of the potentially affected societies in order to identify the potential of the Project to affect them, whether positively or negatively, and to ensure that any socio-economic mitigation measures put in place by the Proponent have a reasonable likelihood of attaining their objectives.		8	3, 4	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent shall also provide discussions of items (Topics for Discussion) which are essential to capturing the overall socio-economic analysis but are beyond the responsibility of the Proponent to resolve in terms of the existing socio-economic conditions found within the Kitikmeot Region, Nunavut or Yellowknife, Northwest Territories.		8	3, 4	3.5, 4.5	3-42 to 3-104, 4-33 to 4-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		Whenever relevant and appropriate, data shall be disaggregated by age, gender, ethnic affiliation, community, and territorial, provincial, and federal region.		8	3, 4	3.1, 4.1	3-1 to 3-25, 4-1 to 4-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		Socio-economic indicators are used to present baseline information and subsequently measure impacts related to the proposed project, those indicators selected must be adequate to address all types of foreseeable impacts, including cumulative and residual. The EIS shall clearly identify and justify the Proponent's selection of indicators, identify when and on which VSEC the potential impacts may manifest.		8	3, 4	-	3-1 to 3-25, 4-1 to 4-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		The Proponent is expected to clearly identify limitations and knowledge gaps encountered in its efforts to collect the information required by the following sections of these Guidelines.		8	3, 4	3.1, 4.1	3-1 to 3-25, 4-1 to 4-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.1 Economic Development and Opportunities	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.1.1 Baseline Information	i. The traditional economy, current economic structure including the interaction between the wage and traditional economy, development trends in the Project RSA and variability in potential impacted communities as well as in Nunavut as a whole,		8	4	4.1	4-1 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		ii. The economic development levels in the Project RSA comparing to other regions in Nunavut, advantages and constraints of economy development,		8	3	3.1	3-1 to 3-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iii. The roles the exploitation of renewable resources (e.g., subsistence and commercial hunting and fishing) play in economic terms and its significance for the local economy,		8	4	4.1	4-1 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iv. Community and resident self-reliance, and		8	3	Appendix V8-3A	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		v. Overview of Nunavut's Real Gross Domestic Product, rate of Gross Domestic Product (GDP) growth, Consumer Price Index, import/export and trade balance of goods, personal savings rate, and business investment.		8	3	3.1	3-1 to 3-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.1.2 Impact Assessment	i. Potential impact on the local economy from regional level and community level as well as the implications of the Project on economic diversity,		8	3	3.5	3-42 to 3-104
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		ii. Potential impact on the traditional economic activities including hunting, fishing and sport hunting/guiding, etc.,		8	4	4.5	4-33 to 4-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iii. Potential impacts related to accessibility and removal of barriers for traveling, fishing, hunting/trapping and other activities by local communities as a result of construction and operation of the all-weather road,		8	4	4.5	4-33 to 4-60
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iv. Potential impacts on local and regional economy due to temporary closure and final closure, and		8	3	3.5.3	3-48 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		v. Provide a discussion on the effects that the Project may have on Nunavut's Real Gross Domestic Product, rate of GDP growth, Consumer Price Index, import/export and trade balance of goods, personal savings rate, and business investment.		8	3	3.5	3-42 to 3-104
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.2 Employment	-		-	-	-	-

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Part	Section	Subsection						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.2.1 Baseline Information	i. The labour supply statistics in terms of relative genders, ages and other demographic categories,		8	3	3.1	3-1 to 3-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		ii. An assessment of the current local and national labour force available to satisfy the needs of the Project development at each phase, identifying gaps between this availability and project needs by education level and other categories that may help to identify barriers and needs, including a discussion of the availability of Canadian labour and the potential need for foreign employees to address any gap in meeting project labour needs,		8	3	3.1.2, 3.5	3-1 to 3-25, 3-42 to 3-104
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iii. Local household incomes, income sources, and compositions of income within the Project RSA,		8	3	3.1.2.2	3-3 to 3-6
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iv. Provision of sector specific breakdown of employment within the NSA and as pertains to Yellowknife, NT,		8	3	Appendix V8-3A	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		v. Existing local employment opportunities and labour supply status, and		8	3	3.1.2.2	3-3 to 3-6
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		vi. A discussion of the requirements for employment (e.g. education levels, criminal records, drug and alcohol policies, language abilities), and the potentials of needs to be met by local recruitment, as well as the extent to which the skills of the available workers match job requirements.		8 10	3 28	3.1, 3.8 All	3-1 to 3-25, 3-124 to 3-128 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.2.2 Impact Assessment	i. An assessment of the potential for development of the local labour force,		8	3	3.1, 3.5.3.3, 3.8	3-1 to 3-25, 3-64 to 3-80, 3-124 to 3-128
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		ii. A discussion of culturally-sensitive workforce management practices that will meet both the Project's immediate labour force needs as well as the region's longer-term economic development needs,		8 10	3 28	3.8 All	3-124 to 3-128 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iii. A discussion of potential changes in the traditional activities and household function due to wage employment associated with the Project,		8	3, 4	3.5.3.5, 4.5.2.2	3-84 to 3-95, 4-44 to 4-53
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iv. An evaluation of the effects of competition for labour between the Project and existing businesses, institutions, and traditional activities, and		8	3, 4	3.5.3.3, 3.5.6.1, 3.7.2.1, 4.5.2.1, 4.5.2.2	3-64 to 3-80, 3-101 to 3-103, 3-121, 4-38 to 4-53
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		v. Potential impacts on employment due to situations of Project temporary and final closure.		8	3	3.5.3.3	3-64 to 3-80
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.2.3 Topics of Discussion	i. Evaluation of the possible effect of changes in income earnings on patterns of savings expenditure and consumption values, especially with changes to public housing rental requirements due to changes of employment status.		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.3 Education and Training			-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.3.1 Baseline Information	i. An overview of the existing education system (early childhood through post-secondary),		8	3	3.1.2.3	3-6 to 3-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		ii. Available training programs for adults and youth through the existing education system,		8	3	3.1.2.3	3-6 to 3-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iii. Local education infrastructure, capacity, funding resources, and administration system,		8	3	3.1.2.3, 3.1.2.6	3-6 to 3-7, 3-11 to 3-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iv. Education and skill levels of the residents in the Project RSA, and experience of the local labour force in different demographic categories based on available data.		8	3	3.1.2.3	3-6 to 3-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.3.2 Impact Assessment	i. An assessment of Project impacts to the education system and how it would influence training programs. Include an evaluation on how the Project might affect attendance, retaining teachers, class sizes, and other components of the education system,		8	3	3.3.2, 3.5	3-29 to 3-37, 3-42 to 3-104
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		ii. Provision of an assessment on the demands that might be placed on the educational infrastructure, capacity, funding resources and administration system,		8	3	3.3.2, 3.5	3-29 to 3-37, 3-42 to 3-104

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iii. Requirements for education levels, skills and experiences of labour force from the Project in short, medium term and foreseeable future, taking account the vision of expansion for the Project lifespan, and regional economy development,		8	3	3.3, 3.5	3-27 to 3-41, 3-42 to 3-104
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iv. A discussion of potential need of local labour force training to meet the needs of the Project. The types of training can be those specifically required by the Project, or others geared toward universally applicable skills that improve workers' opportunities in other sectors of the local economy. This assessment shall include predicted training resources and predicted resources needed to meet the designed training programs, if applicable,		8	3	3.8	3-124 to 3-128
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		v. An evaluation of training programs planned by the Proponent, the associated challenges and likelihood of success of trainees to satisfy the Project needs and regional economy development with consideration of cultural and language barrier,		8 10	3 24, 28	3.8 All	3-124 to 3-128 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		vi. A discussion of the potential for longer term community capacity building programs, if any have been planned or will be planned and are anticipated to be implemented throughout the Project's lifetime, regarding how mine training plans can enhance the transferability of skills after the mine closure (e.g. management and HR skills, computer skills, heavy equipment experience, finance skills, etc.), and		8 10	3 24, 28	3.5.3.4, 3.8 All	3-80 to 3-84, 3-124 to 3-128 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		vii. A discussion of other possible solutions to fill up the gap between requirements of project needs, and education level and qualifications of local labour force.		8	3	3.5.3.4	3-80 to 3-84
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4 Contracting and Business Opportunities	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.1 Baseline Information	i. Provision of the most up-to-date statistics and data available as it relates to contracting and business opportunities from socio-economic studies of communities in the Project RSA,		8	3	3.1	3-1 to 3-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		ii. Estimates of goods supplied to the Project, including country food supply for Inuit workers at the mine, procurement, services contracting, and other business opportunities in the Project RSA that may result from the Project, and		8	3	3.5	3-42 to 3-104
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT		iii. The economy structure and characteristics of the local and regional economies, existing business types, scales of the different sectors of economy, and potential capacities to meet the needs of the Project.		8	3	3.1	3-1 to 3-25
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	i. An assessment of economic effects, positive and negative, stemming from the Project's contracting and business opportunities through the lifespan of the Project,		8	3	3.5.3.2	3-61 to 3-64
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	ii. Opportunities for local, regional, and territorial businesses to supply goods and services both directly to the Project, and indirectly to meet the demand created by the expenditure of new income by employment in the Project,		8	3	3.5.3.2	3-61 to 3-64
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	iii. An assessment of the Project effects on other local and regional economic sectors, in particular the competition to other business' needs due to limited capacity of local business,		8	3	3.5, 3.6.2.1	3-42 to 3-104, 3-113 to 3-114
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	iv. An assessment of the contributions made to public, communities and Inuit from the Project,		8 10	3 26	3.5 All	3-42 to 3-104 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	v. An assessment of the project-related procurement, and potential capacity to meet Project needs,		8	3	3.5.3.1, 3.5.3.2, 3.5.3.3	3-48 to 3-80
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	vi. A discussion on barriers to local business capacity building,		8 10	3 24	3.1.2.5, 3.5, 3.8 All	3-10 to 3-11, 3-42 to 3-104, 3-124 to 3-128 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	vii. An assessment of existing country food supply sources from the Project region and Nunavut, and opportunities to supply country foods for Inuit workers at the Project,		8 10	4 28	3.3.2.2 3.1.2	3-34 to 3-37 3 to 4
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	viii. An assessment of opportunities for local communities to diversify their economic sources and to supply new goods and services to meet the need generated by the Project, and		8	3	3.5.3.2	3-61 to 3-64
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.4.2 Impact Assessment	ix. Potential impacts on local businesses and services due to temporary closure and final closure.		8	3	3.5.3.2	3-61 to 3-64

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.5 Population Demographics	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.5.1 Baseline Information	i. A description of regional and local community populations, demographics structure, composition, characteristics and population trends, and		8	3	3.1.2.1	3-2 to 3-3
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.5.1 Baseline Information	ii. A discussion of observed variations in education levels, dietary habits, religious characteristics and other social aspects in different demographic categories in the RSA.		8	3, 4	X.1	3-1 to 3-25, 4-1 to 4-22
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.5.2 Impact Assessment	i. Potential for project-induced demographic changes in population, migration, (including in-migration from outside of Nunavut), population re- distribution or movement of Nunavummiut between communities and the effects of those changes, and further details on potential interactions between local residents and non-residents,		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.5.2 Impact Assessment	ii. Potential effects of fly-in/fly-out employment on population demographics, and,		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.5.2 Impact Assessment	iii. Potential effects from various Project phases, including unemployment as a result of temporary suspension of operations or mine closure.		8	3	3.5.3.3	3-64 to 3-80
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6 Traditional Activity and Knowledge	For the purpose of the current Guidelines, traditional activity and traditional knowledge shall consider land use, food security, language, cultural activities and commercial harvesting.		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.1 Baseline Information	i. A description of cultural, ethnic, religious, and language characteristics and diversities in the RSA,		8	3, 4	X.1, X.2	3-1 to 3-27, 4-1 to 4-26
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.1 Baseline Information	ii. Local and regional economy characteristics in term of relation to traditional land use activities and wage incomes,		8	3, 4	3.1.2.7, 4.1.2.5	3-16 to 3-24, 4-7 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.1 Baseline Information	iii. Descriptions of the significance of, availability of, and level of dependence on, traditional foods as major nutritional sources by local residents within the Project RSA, including:		8	3, 4	3.1.2.7, 4.1.2.5	3-16 to 3-24, 4-7 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.1 Baseline Information	o What country foods are consumed, or are expected to be consumed in the Project RSA, which parts of country foods are consumed, and their consumption frequency, and		8	3, 4, 5, 6	3.1, 3.2, 4.1, 5.1.1, 6.1.8, 6.4.2.12, Appendix V8-5A	3-1 to 3-23, 4-1 to 4-21, 5-1 to 5-12, 6-11 to 6-12, 6-142, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.1 Baseline Information	o Descriptions, including maps, of traditional and current hunting ranges and patterns in the LSA,		8 3	4 3	4.1 Appendices V3-3A, V3-3B	4-1 to 4-21 All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.1 Baseline Information	iv. Description of the use of caribou as a subsistence species, including harvesting, sustainable use of caribou, and the cultural and social activities associated therein, to specifically include hunting, community feasts, and the commissioning of arts and crafts, and		8	4	4.1.2.5	4-7 to 4-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.1 Baseline Information	v. Details regarding wildlife and vegetative species that are culturally valuable to northerners.		8	4	4.1.2.5	4-7 to 4-20
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	i. Potential effects of the Project on the accessibility of caribou and other terrestrial wildlife species to harvesters where such may be affected by reductions in habitat and herd sizes and/or expected changes to migration patterns or human travel routings. The risks to present and future generations of harvesters should also be considered,		8	4	4.5.2.2	4-44 to 4-53
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	ii. Potential impacts related to accessibility to areas for hunting, fishing, marine harvesting, traveling, recreational and religious activities as a result of the Project development, including a consideration of individual components such as all-weather roads and marine shipping,		8	4	4.5.2.2	4-44 to 4-53
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	iii. Potential effects on sustainable resource use, such as country food availability and accessibility of carving stone deposits, taking into account the CEA throughout the entire lifespan of the Project,		8	4	4.3.2	4-28 to 4-33
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	iv. Potential impacts to marine wildlife of cultural or practical importance to northerners,		8	4	4.3.2.1	4-28 to 4-30

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	v. Potential impacts to Aboriginal fisheries species, including fish of cultural or practical importance to northerners,		8	4	4.3.2.1	4-28 to 4-30
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	vi. Potential impacts to the ongoing productivity of local or regional commercial, recreational or Aboriginal fisheries,		8	4	4.3.2.2	4-30 to 4-33
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	vii. Potential impacts to vegetation of cultural or practical value to northerners,		8	4	4.3.2.2	4-30 to 4-33
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	viii. Description on how the Proponent will comply with the Official Languages Act, and		8	4	4.3.2.2	4-30 to 4-33
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.6.2 Impact Assessment	ix. Potential impacts that the contamination of traditional food sources, including those trapped, fished, hunted, harvested or grown for subsistence or medicinal purposes (i.e. berries, etc.), may have on individuals, families, communities, and the ability of Inuit to engage in traditional lifestyles.		8	5 6	5.5.2.3 6.4.2.11	5-30 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7 Non-traditional Land Use and Resource Use	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.1 Baseline Information	i. A description of known non-traditional land and resource use including protected areas, visual and aesthetic resources,		8	4	4.1.2.2, 4.1.2.3, 4.1.2.4	4-2 to 4-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.1 Baseline Information	ii. Provision an overview of local and regional land use activities in the LSA as well as areas potentially impacted by shipping activities,		8	4	4.1.2.5	4-7 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.1 Baseline Information	iii. A description of current and traditional land use areas and the importance of those areas to Inuit culture and social well-being,		8 3	4 3	4.1.2.5 Appendices V3-3A, V3-3B	4-7 to 4-21 All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.1 Baseline Information	iv. A description of known land use activities and relation to the local economy, self-reliance, food supplies and livelihood,		8	4	4.1.2.5	4-7 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.1 Baseline Information	v. A description of identified and anticipated overlapping zones and/or areas where the land use activities co-exist or interact with Project components and activities, and		8	4	4.5.2	4-38 to 4-53
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.1 Baseline Information	vi. A description of the current tourism activities and recreational use occurring in the Project region.		8	4	4.1.2.4	4-5 to 4-7
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.2 Impact Assessment	i. A description of impacts to known non-traditional land and resource use including protected areas, visual and aesthetic resources,		8	4	4.5.2.1	4-38 to 4-44
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.2 Impact Assessment	ii. A discussion of anticipated interactions between project development and land use activities by local residents in the Project RSA, in particular at the mine site, all-weather road and shipping routes, and		8	4	4.5.2.2	4-44 to 4-53
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.7.2 Impact Assessment	iii. A description the potential impact on the tourism industry from the Project's development which may impair the wilderness experience of tourism in the Project RSA.		8	4	4.5.2.1	4-38 to 4-44
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8 Heritage Resources	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8.1 Baseline Information	i. A summary description of known archaeological/paleontological, burial, cultural and historic, sacred and spiritual sites within the LSA based on TK and scientific baseline studies. Each site shall be described on a map with a corresponding scale. Large-scale maps should be sent to the Government of Nunavut, Department of Culture and Heritage (GN-CH) upon request to assist in its review,		8	1	1.1, 1.2, Appendices V8-1A, V8-1B	1-1 to 1-12, All, All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8.1 Baseline Information	ii. A description of regulatory requirements and procedures for recovery and removal of artefacts and/or fossils in areas of proposed development, and		8	1	1.1.1	1-1
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8.1 Baseline Information	iii. A description of the relationship between the cultural sites and social lives of local communities in the LSA.		8	1	1.1, 1.2, Appendices V8-1A, V8-1B	1-1 to 1-12, All, All

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8.2 Impact Assessment	i. Potential impacts to archaeological and paleontological resources (e.g., burial sites, sacred sites), and other cultural sites within the LSA resulting from development of Project infrastructure including all-weather roads, mine sites, laydown areas, airstrips, etc.,		8	1	1.5	1-15 to 1-29
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8.2 Impact Assessment	ii. Potential impacts on archaeological and paleontological resources from increased activity in the area associated with the mine including ground transportation and ongoing exploration as well as non-mine related activities,		8	1	1.5	1-15 to 1-29
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8.2 Impact Assessment	iii. Potential impacts to archaeological and paleontological resources as a result of borrow pit and quarry construction and operation, as well as construction and use of access roads. Discussion of how considerations for potential impacts have been incorporated in the road routing and design should also be presented, and		8	1	1.5	1-15 to 1-29
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.8.2 Impact Assessment	iv. Potential impacts on cultural well-being, religious and spiritual activities which are related to cultural and historic, sacred and spiritual sites.		8	1	1.5	1-15 to 1-29
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9 Health and Wellbeing	For the purpose of the current Guidelines, discussions relating to individual and community wellness shall include family and community cohesion, as well as other indicators as may be selected by the Proponent.		8	3	3.3.2.2	3-34 to 3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.1 Baseline Information	i. A description of the current individual and family well-being including a discussion on households, family and community stability,		8	3	3.1.2.7	3-16 to 3-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.1 Baseline Information	ii. A description of household social structures within the RSA, and where possible, the prevalent representative household social structure, including: the prevalent composition (family/kin-relations co-existing, generations in the household), the gender roles, the prevalent division of household labour based upon existing gender roles, the dominant consumption patterns, access to credit, and how resources are shared/divided within the household as well as how decisions are made in the household,		8	3	3.1.2.1	3-2 to 3-3
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.1 Baseline Information	iii. A description of the current status of human health in the RSA, including mental, and psychological health, well-being, previous history and exposure, and identify vulnerable sub-groups where applicable, and		8	3	3.1.2.7	3-16 to 3-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.1 Baseline Information	iv. A description of nutritional requirements of residents in the RSA along with quantitative information on the diet habits of residents, including consideration of details such as the seasonal, gender and age-related consumption of country foods.		8	3, 4	3.1, 4.1.2.5	3-1 to 3-25, 4-7 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	i. A description of potential impacts to individual and family well-being from the Project,		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	ii. Potential impacts to household social structure from the Project (e.g. one or two family members working at the mine site),		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	iii. Potential effects on lifestyle, including the effects of a major employment base away from the communities,		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	iv. Potential effects on community and family stabilities, and culture integrity due to potential demographic changes,		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	v. Potential effects on individual, family and community health and wellbeing from workplace and community cross-cultural tension, conflict, and/or racism.		8	3	3.3.2.3	3-34 to 3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	vi. Potential impacts on human mental and physical health and well-being within the RSA resulting from potential indirect effects of the Project. This discussion should give consideration to gambling, substance abuse, family violence, sexually transmitted infections and other communicable diseases,		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	vii. Potential impact on community, family and individual well-being as a result of increased access to alcohol and other controlled substances resulting from increased incomes as well as the potential movement of these substances through the Project site or via Project-related activities (i.e. stopovers or layovers),		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	viii. Potential impacts on human health associated with traditional lifestyles where large amounts of country foods are consumed, considering the bioaccumulation and take-up of contaminants associated with changes to the level of contaminants loadings in country foods (i.e. terrestrial and marine wildlife, fish, birds, and vegetation consumed by humans), and		8	5, 6	5.5.2.2.3, 5.5.4.2.4, 5.5.4.2.5, 5.5.4.3, 5.8, 6.4.2.7.4, 6.4.2.8.5, 6.4.2.9.4, 6.4.2.12	5-29 to 5-30, 5-39 to 5-60, 5-60, 5-61, 6-104 to 6-124, 6-124 to 6-132, 6-132 to 6-163, 6-165

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.2 Impact Assessment	ix. Potential impacts to community well-being in the RSA.		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	i. A description of current substance abuse issues including trends relating to the importation of drugs and alcohol, crime and violence, and other relevant social factors,		8	3	3.1.2.7	3-16 to 3-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	ii. An overview of the current financial management programs available in the potentially affected communities,		8	3	3.3.2.3	3-34 to 3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	iii. A description of the current community well-being, including information about the capacity, availability, and affordability, where relevant, of local services and infrastructure (i.e. housing, training, education, day care services, health care, etc.),		8	3	3.1.2.6, 3.1.2.7	3-11 to 3-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	iv. A description of local and regional community and cultural values and initiatives that promote and support regional and family health and cohesion.		8	3	3.1.2.7	3-16 to 3-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	v. A description of increased pressure on existing social, institutional, and community services, facilities and services, and infrastructure,		8	3	3.3.2.3	3-34 to 3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	vi. Potential impacts to community safety and security, including indirect impacts on frequency and types of crime incidents, with consideration for a potential influx of Project personnel into local communities during the life of the Project,		8	3	3.3.2.3	3-34 to 3-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	vii. Identification and discussion of potential impacts of the Project on accident rates, alcohol/prohibited substance consumption and import/export, and		8	3	3.5.3.5	3-84 to 3-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.9.3 Topics for Discussion	viii. A description of barriers to current financial management programs and any incentives that would be provided by the Proponent for healthy financial management.		8	3	3.5	3-42 to 3-104
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10 Community Infrastructure and Public Services	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.1 Baseline Information	i. Description of community, cultural and recreation programs,		8	3	3.1.2.6	3-11 to 3-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.1 Baseline Information	ii. Description of existing transportation modes and travel routes/roads,		8	3	3.1.2.6	3-11 to 3-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.1 Baseline Information	iii. Discussion of costs to build infrastructure, transportation costs, and effect on public services,		8	3	3.1.2.6	3-11 to 3-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.1 Baseline Information	iv. Description of existing communication systems and services and utilities,		8	3	3.1.2.6	3-11 to 3-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.1 Baseline Information	v. Description of community & regional waste management systemsDescription of current conditions of local supply and demand of housing, including private, public and rental housing and their costs, other infrastructure, and related capacity within the RSA,		8	3	3.1.2.6	3-11 to 3-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.1 Baseline Information	vi. Description of existing public services and associated community facilities in the RSA, including law enforcement, health care, emergency response, dependency assistance, welfare utilities, temporary accommodation and food services, and		8	3	3.1.2.7	3-16 to 3-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.1 Baseline Information	vii. Description of existing outpost camps and other facilities outside of municipal boundaries which facilitate harvesting and recreation activities in the LSA, particularly within the proximity of the Project.		8	4	4.1.2.5	4-7 to 4-21
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.2 Impact Assessment	i. A discussion of demand for community infrastructure and public services from the Project directly and indirectly,		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.2 Impact Assessment	ii. An assessment of the effects on services and/or infrastructure (including housing) in public and private sectors, due to the potential use by the Project directly or indirectly, including those caused by Project-induced demographic changes, noting that where the assessment determines an impact, the Proponent should outline proposed mitigation measures,		8	3	3.3.2.1	3-30 to 3-34

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.2 Impact Assessment	iii. An assessment of potential increased demand on the local and regional health care systems, including the standard medical system, emergency response and emergency medical care, medevac services, and challenges raised by any increased demand,		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.2 Impact Assessment	iv. A discussion of building new and updating existing structures including weather shields and outposts beyond the boundary of communities and along hunting/traveling routes, and/or at hunting grounds which may facilitate local hunting activities/traveling in Project areas,		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.2 Impact Assessment	v. An assessment of incremental costs imposed by the needs from the Project directly or indirectly on public infrastructure, services, including those caused by Project-induced demographic changes, and		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.2 Impact Assessment	vi. A discussion of community access to Project infrastructure upon closure, including proposed road options.		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.3 Topics for Discussion	i. A discussion of the potential to bring in freight for communities by return shipping, and likelihood to share shipping costs with local communities,		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.3 Topics for Discussion	ii. A description of the extent and current capacity of the local transportation systems and associated infrastructure,		8	3	3.1.2.6	3-11 to 3-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.3 Topics for Discussion	iii. An assessment of public health and environmental health needs and implications to the Proponent's community initiatives, and		8 10	3 26	3.3.2.1 All	3-30 to 3-34 All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.10.3 Topics for Discussion	iv. Potential impact on availability and adequacy of existing health infrastructure and services including medical, dental, vision, social, mental (including addictions), environmental health officers, social workers, registered nurses, medical director, access to medical travel and interventions.		8	3	3.3.2.1	3-30 to 3-34
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11 Human Health and Safety	-		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.1 Baseline Information	i. A description of human exposure to current environmental contaminants in the RSA, and		8	5, 6	5.1, Appendix V8-5A, 6.1	5-1 to 5-15, All, 6-2 to 6-13
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.1 Baseline Information	ii. A discussion relating to the local health statistics when compared with other parts of Nunavut and Canada as appropriate.		8	3	3.1.2.7	3-16 to 3-24
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.2 Impact Assessment	i. A discussion of the standards, guidelines and regulations that the Project will incorporate during construction and operations, at various Project sites to minimize the impacts and protect workers' health,		2 8 10	2 6 25	2.1.5 6.4.1.9, 6.4.2.9, 6.4.3.9 3.7, 3.8	2-3 to 2-4 6-73 to 6-94, 6-132 to 6-163, 6-172 8 to 9
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.2 Impact Assessment	ii. An assessment of the health, safety and security of workers at the job sites taking into account different Project phases and locations (e.g., explosive manufacturing plant, drilling and blasting operation, and heavy equipment operations),		8	6	6.4.3.6, 6.4.3.7	6-167 to 6-168
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.2 Impact Assessment	iii. Potential impacts on human health from air contamination, fugitive dusts resulting from air and ground traffic, potential impacts to potable water quality, and exposure to escalated noise and extreme weather conditions,		8	6	6.4.2, 6.4.3	6-95 to 6-177
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.2 Impact Assessment	iv. Potential sources and characteristics of any conventional risks to workers or the public during all phases of the Project,		8	6	6.4.4	6-177 to 6-178
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.2 Impact Assessment	v. Potential effects on physical health such as mortality, morbidity, injuries, accidents, effects on sensitive sub-populations (i.e. asthma sufferers), physical hazards associated with construction, operation and closure phases, and		8	6	6.4.2.10	6-163 to 6-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.2 Impact Assessment	vi. Potential impacts of workplace discipline and cultural conflicts among Nunavummiut, Northwest Territories, and Southern workers, including those issues which may be related to or exacerbated by language barriers between employees.		10	28	3.1.4, 3.1.5, 7.1.5.3	4 to 6, 12
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.11.3 Topics for Discussion	i. A description of the existing infrastructure and health services available within the RSA and the potential impact on the quality of health services, including the resources and capacity to monitor and respond to increased health hazards.		8	3, 6	3.1, 3.3.2.3, 6.4.2.8	3-1 to 3-25, 3-37, 6-124 to 6-132
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		Key components of the Human Health Risk Assessment process include the identification of potential Project-human interaction pathways, and hazardous substance constituents of potential concern (COPC), human receptors and assessment criteria. As such, the Human Health Risk Assessment is to include:		8	6	6.4.2	6-95 to 6-165

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		i. Predicted sources, quantities and points of release from Project emissions and effluents containing hazardous substances,		8	6	6.4.2.7.1	6-104 to 6-121
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		ii. A selection process for COPCs,		8	6	6.4.2.9	6-132 to 6-169
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		iii. Identification of all pathways to human receptors including bioaccumulation in country foods,		8	6	6.4.2.7.2, 6.4.2.7.3, 6.4.2.7.4, 6.4.2.7.5	6-104 to 6-124
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		iv. Identification and characterization of human receptors (workers and the public). Include maps to delineate their locations and the distances of communities, residences, temporary/seasonal residences, etc. to project sites and related infrastructure,		8	6	6.4.2.7.3	6-104 to 6-124
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		v. The method used to convert hazardous substance exposure and human receptors from various pathways to calculate exposure or dose (e.g. conversion factors), and		8	6	6.4.2.10.3	6-163 to 6-175
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		vi. Criteria used to determine significance of impact, specifically, calculation of hazard quotients, which translates into the ratio between the predicted maximum exposure concentration for each contaminant of concern in each relevant media (i.e. air, water, soil, sediment) and the toxicity threshold for the most sensitive biological receptor in the respective medium for which toxicity information is available.		8	6	6.4.2.9.1, 6.4.2.9.2, 6.4.2.9.4, 6.4.2.10.1, 6.4.2.10.4	6-132to 6-163, 6-163 to 6-165
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		Key components of the Environmental Risk Assessment process include the identification of potential project and terrestrial and aquatic receptor interaction pathways, hazardous substance COPCs, terrestrial and aquatic ecological receptors and assessment criteria. As such, the Environmental Risk Assessment is to include:		8	6	6.4.1	6-18 to 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		i. Predicted sources, quantities and points of release from the Project emissions and effluents containing hazardous substances,		8	6	6.4.1.7.1	6-36 to 6-58
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		ii. The selection process for COPCs,		8	6	6.4.1.9	6-73 to 6-94
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		iii. Identification of disease vectors,		8	6	6.4.1.6	6-35 to 6-36
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		iv. Identification of pathways to terrestrial and aquatic ecological receptors (VECs),		8	6	6.4.1.7.2, 6.4.1.7.3, 6.4.1.7.4, 6.4.1.7.5	6-36 to 6-58
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		v. Identification and characterization of terrestrial and aquatic ecological receptors,		8	6	6.4.1.1, 6.4.1.2, 6.4.1.7.3	6-19 to 6-21, 6-36 to 6-58
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		vi. The method used to convert hazardous substance exposure and intake by the various ecological receptors from the various pathways into an exposure or dose (e.g. conversion factors),		8	6	6.4.1.9.1, 6.4.1.10, 6.4.1.11	6-172, 6-94 to 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		vii. Exposure conditions, identifying routes of exposure (air, water, soil, food), public and occupational exposure, address high risk populations,		8	6	6.4.1.7.2, 6.4.2.7.2, 6.4.2.10	6-36 to 6-58, 6-163 to 6-16
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		viii. Noise effects (i.e. potential effects on human health resulting from atmospheric noise levels and noise interactions with species that are traditional food sources), and		8	6	6.4.3	6-165 to 6-177
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		ix. Criteria used to determine significance of impact, specifically, calculation of hazard quotients, which translates into the ratio between the predicted maximum exposure concentration for each contaminant of concern in each relevant media (i.e. air, water, soil, sediment) and the toxicity threshold for the most sensitive biological receptor in the respective medium for which toxicity information is available.		8	6	6.4.1.9, 6.4.1.10, 6.4.1.11	6-73 to 6-85
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.4 ACCIDENT AND MALFUNCTIONS ASSESSMENT		An assessment must be provided for malfunction and accident scenarios that have a reasonable probability of occurring. The assessment is to include:		-	-	-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.4 ACCIDENT AND MALFUNCTIONS ASSESSMENT		i. A description of the source, quantity, mechanism, rate, form and characteristics of contaminants and other materials both physical and chemical, likely to be released to the surrounding environment during the postulated malfunctions and accidents, and		9	3	All	All

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8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.4 ACCIDENT AND MALFUNCTIONS ASSESSMENT		ii. A description of any contingency, clean-up or restoration work in the surrounding environment that would be required during, or immediately following, the postulated malfunction and accident scenarios.		9	3	All	All
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.4 ACCIDENT AND MALFUNCTIONS ASSESSMENT		The assessment for conventional malfunctions and accidents should include fire and explosion incidents and demonstrate that the conventional malfunctions and accidents are unlikely to cause long-term or residual effects both to persons and the environment, taking into account the proposed mitigation measures and including preventive measures and emergency response capability.		9	3	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		An Environmental Management Plan (EMP) provides a systematic approach to consistently manage all environmental affairs for the Proponent, addressing concerns through the allocation of resources, assignment of responsibility and ongoing evaluation of practices, with an aim to improving its environmental performance by continual improvement of the management system. The Proponent shall present its environmental policy, its EMP and associated environmental management system through which it will deliver this plan.		10	1	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		The EMP shall provide a perspective on how potentially adverse environmental effects will be managed throughout the life of the Project.		10	1	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		The Proponent shall discuss the flexibility of the proposed EMP to respond to changes in the mining development plan, the regulatory regime, the biophysical and socio-economic environments, technology, research results, and the understanding of TK.		10	1	2, 7, 8, 9, 12	1 to 3, 11 to 13, 15
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		The Proponent shall discuss how the results from the EMP will be used in applying adaptive environmental management throughout all phases of the Project, and identify threshold/criteria and indicators to trigger management actions in each sub plan.		10	1	2, 7, 13	1 to 3, 11 to 12, 15 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		The EMP shall be comprised of individual monitoring and mitigation plans, specific to various aspects, components, activities and phases of the Project. Although the information requirements of the following sections are intended to be as comprehensive as possible, it is recognized that various items may be dependent on the Proponent's development plans for the Project, which will continue to be refined throughout the NIRB's review process.		10	1	13	15 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		While some information required under these plans might not be available for the Proponent's Draft EIS submission, the Proponent shall include a scheduled timeline relating to stages of the NIRB's review process or the later licensing/regulatory processes when this information will become available (i.e. Technical Meeting, Final EIS, Final Hearing, and Water Licensing).		Noted			
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		The NIRB recognizes that flexibility in the arrangement of the information requested in the following sections may be required and the Proponent may use its judgement in consolidating or arranging the information in the most effective fashion.		Noted	-	-	-
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		In its individual monitoring and mitigation plans, the Proponent shall also assess the likely effectiveness of mitigation measures and associated follow-up mechanisms for adaptive management.		10	1	13.4	20 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.1 ENVIRONMENTAL MANAGEMENT PLAN		The Proponent shall provide a risk assessment of those economic (e.g. the global economy and international markets), or other conditions (e.g. ownership transfer) that might also impair the implementation or effectiveness of proposed mitigation measures or management.		9	1	1.2.4.3	1-20 to 1-27
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.2 ENVIRONMENTAL PROTECTION PLAN		The Proponent shall, based on its impact predictions for identified VECs and VSECs, prepare an Environmental Protection Plan (EPP) in accordance with its EMP prior to commencement of construction for all phases of the Project (site preparation, construction, operation, maintenance, any potential modifications, temporary closure, final closure (decommission & reclamation) and post-closure).		10	1 2 7	13 1 7	15 to 20 1 43 to 47
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.2 ENVIRONMENTAL PROTECTION PLAN		The EPP shall be integrated into procedure documents for all phases of the Project which target the site management staff, the Proponent's occupational health, safety and environmental compliance staff, as well as government departments and agencies tasked with environmental and regulatory compliance monitoring/surveillance.		10	1	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.2 ENVIRONMENTAL PROTECTION PLAN		A Table of Contents and an annotated outline for the EPP is to be presented in the EIS which shall address the major Project activities, permit requirements, mitigation measures and contingency planning in combination with other management plans.		10	2	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		In accordance with the EMP, the Proponent shall present individual monitoring and mitigation plans, specific to various aspects of the Project and the environment, to be incorporated into all applicable phases of the Project.	Yes	40 10 Addendum 10	All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		In these plans, the Proponent is required to outline how results from monitoring will be used to refine or modify the design and implementation of mitigation measures and management plans.	Yes	40 10 Addendum 10	All 1-3,7-18,22-29 4,5,6,19,20,21,30,31	All All All	All All All

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		The plans are meant to ensure that the Project is conducted as proposed, predicted adverse environmental effects are promptly mitigated, and relevant laws and regulations are met, and thus ensure the proper operation of works, equipment, and facilities connected to the Project. Plans should outline procedures for the re-assessment, improvement, or reorientation of the plan should it be determined at any point in the Project's development that such plan no longer meets the initial purpose or objective.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		In its monitoring and mitigation plans, the Proponent should specify proposed criteria or thresholds to trigger the mitigation measures based on its monitoring results, including the position of the person for the implementation of these mitigation measures, the system of accountability and the phase and component of the Project to which the mitigation measure would be applied.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		Each of the monitoring and mitigation plans shall include:	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		i. Objectives of the monitoring program, applicable laws, regulations and/or Acts,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		ii. The VECs and VSECs to be monitored, with associated parameters and indicators, and selection criteria/thresholds to be compliant with,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		iii. A description of the frequency, duration, and geographic extent of monitoring with justification for each, and identification of the personnel who will conduct the monitoring, collect, analyze and interpret data,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		iv. A description of measures taken to protect the monitoring infrastructure from climate change and potential major climate events (e.g. extreme flows),		9	2	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		v. Proposed actions in the event that observed results (impacts) differ from those predicted, including a discussion of actions to be taken for observed non-compliance with the law or regulations, performance targets or with the obligations imposed on contractors by the environmental provisions of their contracts,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		vi. Proposed reporting scheme for monitoring results, including format, reporting intervals, and responsible territorial and federal authorities,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		vii. An evaluation of the efficiency of mitigation measures, and the compliance with Project authorizations,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		viii. Plans for integration of monitoring results with other aspects of the Project including, adjustments for operating procedures and refinement of mitigation measures,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		ix. Procedures/mechanism to assess the effectiveness of monitoring programs, mitigation measures, and adaptive programs for areas disturbed by the Project,	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		x. A discussion of the relationship between monitoring plans and the EMP, and	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		xi. Quality assurance and quality control measures to be applied to monitoring programs.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		As described in Section 7.3, the Proponent should consider the design of all biophysical environmental monitoring programs to ensure that the baseline data required is useful in understanding the relationship between the natural ecological conditions and the potential Project impacts on these conditions. This would improve interpretation of monitoring data in order to differentiate between natural variability and project-specific impacts.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.3 MONITORING AND MITIGATION PLANS		All monitoring plans should be designed so that results from these programs can be coordinated with ongoing regional initiatives or programs with relevant government organizations, or regional authorities.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		The Proponent shall present environmental monitoring and management plans developed to eliminate or mitigate potential negative impacts of the Project on the biophysical environment as identified in Section 8.1.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		The Proponent shall also identify any residual effects after appropriate mitigation measures are implemented.		1 4 5 6 7 8	6, 7, 8 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All X.5, X.6, X.7, X.8 X.5, X.6, X.7, X.8 X.5, X.6, X.7, X.8 X.5, X.6, X.7, X.8 X.5, X.6, X.7, X.8	All 1-15 to 1-33, 2-11 to 2-26 4-26 to 4-69, 5-83 to 5-152, 6-35 to 6-81, 7-19 to 7-64, 8-30 to 8-92, 9-30 to 9-60, 10-21 to 10-54 1-41 to 1-53, 4-35 to 4-62, 5-21 to 5-44, 6-53 to 6-71, 7-35 to 7-49 2-16 to 2-43, 3-12 to 3-34, 4-36 to 4-46, 5-19 to 5-30, 6-18 to 6-49, 7-15 to 7-40 1-15 to 1-30, 3-42 to 3-127, 4-33 to 4-84, 5-23 to 5-61
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		The plans shall be developed to reflect the complete life span of the Project, and contain appropriate monitoring and evaluation techniques (e.g. indicators) that will allow regulators to intervene in a timely and constructive manner.	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		The plans shall target identified VECs and are to include, but should not be limited to, the following list:	Yes	40 10 Addendum 10	All 1-3, 7-18, 22-29 4, 5, 6, 19, 20, 21, 30, 31	All All All	All All All

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	The Proponent shall provide an assessment of the potential risks from natural hazards, in both marine and terrestrial environments. This plan shall encompass the whole life of the mine and will provide mitigative measures which address the potential ecological and human health risks. The Proponent shall also identify and describe the likelihood of possible malfunctions and accidents occurring independently of, or associated with natural hazards.		9 10	3 3	3 4.2, 5.5.5	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	The Proponent shall develop an Emergency Response Plan to be supported by appropriate manual emergency response capabilities and that can be applied to deal with the range of emergency situations considered reasonable under circumstances of the Project.		10	3	All	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	The following issues shall be included in the Risk Management and Emergency Response Plan:		-	-	-	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	i. An assessment of potential natural hazards in the LSA and shipping corridors, including frequency, magnitude and possibilities of occurrence. Natural hazards to be considered should include extreme weather events, natural seismic events, landslides, and flooding,		9 10	2, 3 3	2.2, 3.2 4.2	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	ii. An analysis of the potential for malfunctions and accidents associated with Project facilities and activities, including land or ice based, air or marine transportation, occurring independent of, or associated with natural hazards,		9 10	All 3	All 4.3	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	iii. Annual aviation audits for the aircraft types, companies and infrastructure associated with all Project related air transportation and documentation of the minimum flying height and seasonal flight restriction for the Project area,		10	3	5.4	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	iv. An assessment of fire risk to evaluate potential fire hazards, as well as the fire protection systems and features (including both physical attributes and program elements) used to mitigate the effects of fire,		10	3	5.5.2	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	v. Alerting, notification and reporting procedures, and associated responsible organizations and personnel,		10	3	2, 3, 4, 5	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	vi. Contingency responding procedures corresponding to each risk, and associated security systems and prevention measures, such as monitoring systems, hazard and leak detection systems, fire-control systems, and standby emergency systems,		10	3	4,5	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	vii. A discussion of options for the medical transport of injured staff or persons both within and beyond the Project area,		10	3	5.5.1	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	viii. A discussion of the constraints resulting from logistics and time frames for prompt reaction, with consideration for the potential distance to an accident or emergency site, and possible weather conditions which might cause considerable delays or obstacles,		10	3	5.5	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	ix. A description of how relevant government agencies, Inuit organizations and local communities will be involved in the development and application of the plans if applicable, and		10	3	1.4	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	x. Any other contemplated loss prevention practices, including insurance.		10	3 15	8 12, 13	All All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.2 Fuel Management Plan	The Proponent shall develop Fuel Management Plans based on its environmental policy, to promote environmental awareness and safety. These plans are to be linked to Spill Contingency Plans, and must include the following, at a minimum:		-	-	-	-
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.2 Fuel Management Plan	i. Requirements of federal and territorial regulations,	Yes	40 Addendum 10	4 4	4 3	2 to 3 3-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.2 Fuel Management Plan	ii. Conceptual design drawings for fuel storage areas and procedures for bulk fuel transfer,	Yes	40 Addendum 10	4 4	7.3.1, Figure 6.1-2, Figure 6.1-3 7.4, Figure 6.1-1, Figure 6.1-2	44 to 15, 7 to 8, 9 to 10 7-4, 6-3, 6-5
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.2 Fuel Management Plan	iii. Substances covered by the plan (e.g. oil, fuel, hazardous materials, chemicals and other deleterious substances),	Yes	40 Addendum 10	4 4	1-2 1, 2	1 to 2 1-1 to 2-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.2 Fuel Management Plan	iv. Training for emergency response staff including distributing Material Safety Data Sheet (MSDS) to designated emergency response and health centre staff,	Yes	40 Addendum 10	4 6 4 6	7-3 7 7.3 9	13 to 15 17 to 23 7-2 to 7-4 9-1 to 9-7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.2 Fuel Management Plan	v. Alerting, notification and reporting procedures, and	Yes	40 Addendum 10	4 5 4 5	5-9 5 5, 9 4	3 to 4, 16 to 17 7 to 14 5-1, 9-1 to 9-2 4-1 to 4-7

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.2 Fuel Management Plan	vi. Duties and responsibilities of key organizations and personnel.	Yes	40 Addendum 10	4 5 4 5	5-9 5 5, 9 4	3 to 4, 16 to 17 7 to 14 5-1, 9-1 to 9-2 4-1 to 4-7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3 Spill Contingency Plans	The Proponent shall develop Spill Contingency Plans based on its Environmental Policy and which promote environmental awareness and safety, and further, which facilitate efficient clean-up for potential spill incidents related to the Project. These plans shall include Land, Water and Ice Based Spill Contingency Plans, Oil Handling Facility Contingency Plans and Shipboard Oil Pollution Emergency Plans.	Yes	40 Addendum 10	5 5	All All	All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3 Spill Contingency Plans	In each plan, the Proponent shall address potential constraints to timely actions and immediate clean-up of spills which result from logistical and/or weather conditions.	Yes	40 Addendum 10	5 5	8-2, All 8.2, All	23 to 25, All 8-1 to 8-4, All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3 Spill Contingency Plans	The Proponent shall include the following elements in its development of all spill contingency plans:		-	-	-	-
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.1 Land, Water and Ice Based Spill Contingency Plans	i. Requirements of federal and territorial regulations,	Yes	40 Addendum 10	5 5	1-6 3	3 to 4 3-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.1 Land, Water and Ice Based Spill Contingency Plans	ii. Substances to which the plan is applicable (e.g. oil, fuel, hazardous materials, chemicals and other deleterious substances) and potential spill scenarios (on land, water and ice, if applicable),	Yes	40 Addendum 10	5 5	3-8 7.3, 8	6, 22 to 28 7-7, 8-1 to 8-9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.1 Land, Water and Ice Based Spill Contingency Plans	iii. Training for emergency response staff, including distributing Material Safety Data Sheets (MSDS) to designated emergency response and health centre staff,	Yes	40 Addendum 10	5 5	6-6, 4 5, 5.4	14 to 16 5-1 to 5-2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.1 Land, Water and Ice Based Spill Contingency Plans	iv. Alerting, notification and reporting procedures,	Yes	40 Addendum 10	5 5	8-15, 9 8.1.5, 9	23, 28 to 31 8-1, 9-1 to 9-2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.1 Land, Water and Ice Based Spill Contingency Plans	v. Duties and responsibilities of key spill response organizations and personnel,	Yes	40 Addendum 10	5 5	5 4	7 to 14 4-1 to 4-7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.1 Land, Water and Ice Based Spill Contingency Plans	vi. Clean-up strategies, technologies and corresponding inventory of spill response equipment and kits based on different substances of spills and environment conditions where spills might occur, and	Yes	40 Addendum 10	5 5	8 8	22 to 28 8-1 to 8-9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4+1059:1067 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.1 Land, Water and Ice Based Spill Contingency Plans	vii. Spill site restoration and remediation (including treatment of contaminated soils).	Yes	40 Addendum 10	5 5	8-6 8.6	28 8-8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.2 Oil Handling Facility (OHF) Contingency Plan	i. Regulatory requirements of the Canada Shipping Act,	Yes	40 Addendum 10	6 6	1-1 3	1 3-1 to 3-2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.2 Oil Handling Facility (OHF) Contingency Plan	ii. Established Oil Pollution Prevention/Emergency Plan for operation of OHF,	Yes	40 Addendum 10	6 6	1-2 2.1	1 to 2 2-1 to 2-2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.2 Oil Handling Facility (OHF) Contingency Plan	iii. Responsible personnel required equipment and training, and	Yes	40 Addendum 10	6 6	6 8	13 to 17 8-1 to 8-4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.2 Oil Handling Facility (OHF) Contingency Plan	iv. Response scenarios and procedures.	Yes	40 Addendum 10	6 6	8 10	23 to 27 10-1 to 10-5
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.3 Shipboard Oil Pollution Emergency Plans (SOPEPs)	i. Requirements of national laws and regulations, as well as international regulations and standards for proposed shipping operation of the Project,	Yes	40 Addendum 10	6 6	2-1 4.1	2 4-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.3 Shipboard Oil Pollution Emergency Plans (SOPEPs)	ii. Marine transportation to be used for the Project including fuel tankers, container ships, barges, tugs, and any other marine vessels,	Yes	40 Addendum 10	6 6	3-1, 3-2, 4 5.1, 5.2, 6	4, 9 to 10 5-1, 6-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.3 Shipboard Oil Pollution Emergency Plans (SOPEPs)	iii. A discussion regarding the relationship between SOPEPs and the Canadian Coast Guard's Regional Response Plan, including identification of potential for the Regional Response Plan to be adapted to the Project,	Yes	40 Addendum 10	6 6	7-2 9.2	19 to 20 9-3 to 9-4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.3 Shipboard Oil Pollution Emergency Plans (SOPEPs)	iv. Procedures for accident/incident reporting and principle emergency response, and	Yes	40 Addendum 10	6 6	7-3 9.3	20 to 22 9-4 to 9-6
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.3.3 Shipboard Oil Pollution Emergency Plans (SOPEPs)	v. Parties (e.g. the Proponent, marine vessel operators and possible third parties) who carry out emergency actions.	Yes	40 Addendum 10	6 6	7-2, 7-3, 7-4 9.2, 9.3, 9.4	19 to 23 9-3 to 9-7

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	The Proponent shall develop a Site Water Management Plan for the Project. This plan shall provide a consolidated source of information on the strategies to be applied to intercept, collect, contain, conserve, monitor and prevent the release of potentially contaminated waters. This plan shall also include a discussion of all major sources of water from the Project including process effluent, open pit water, underground mine water, site and stockpile drainage/runoff, and sewage/grey waste water and is to be associated with the baseline data and impact assessment required by Subsection 8.1.6.1. The plan shall at a minimum, consider the following:		10	7	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	i. Surface runoff, snowmelt, and rainwater that might come in contact with contaminated areas at the mine sites and along roads,		10	7	3.4, 3.5, 3.6, 3.7	14 to 42
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	ii. Runoff from overburden stockpiles, waste rock stockpile areas including waste rock identified with potential ARD and ML, ore stockpiles and quarry sites,		10	7	3.4, 3.5, 3.6, 3.7	14 to 42
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	iii. Runoff from the lined fuel tank farms, fuel transfer stations, and landfill facilities,		10	7	3.4, 3.5, 3.6, 3.7	14 to 42
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	iv. The prediction of the artesian inflow into the tailing management facilities during operation with support from numerical modeling if permafrost beneath the tailing management facilities is predicted to thaw during the life cycle of the tailing management facilities. The potential preferential flow along the fault cut through the pits should be considered in the inflow prediction. Measures for controlling the groundwater inflow/seepage, where necessary, should be discussed and a groundwater monitoring plan should be developed,		10	7	3.4, 3.5, 3.6, 3.6.8, 3.7	14 to 42
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	v. A description of the water management strategies, including methods for any water conservation and recycling methods to maximize water reuse and minimize use of natural waters,		10	7	4, 7.1, 7.2.2, 7.4	42, 43 to 45
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	vi. A description of the water management for the open pits and underground mines, and the tailings management facilities with consideration for the capacity of the open pits and underground mines, and the tailings management facilities to cope with storms, floods and other intermittent natural events with consideration of a conservative precipitation event (i.e., the PMP: Probable Maximum Precipitation). Design of the pumping capacity of the plant and treatment facility should take the potential maximum inflow and the PMP event into consideration,		2 10	7 7	Appendix V2-7H, Appendix V2-7G 3, 7	All, All 3 to 42, 43 to 47
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	vii. Contingency plans should the mine water volumes be significantly larger or less than estimated, specifically to address plans for mine operations and safety during times of low water availability,		10	7	9	50
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	viii. Management measures to reduce potential impacts to the receiving environment, including collection and monitoring of drainage water, installation of settling ponds, sumps or silt curtains, and geochemical characterization of construction materials,		10	7	7	43 to 47
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	ix. Proposed management of contact and noncontact water, and how the design of these components incorporates the consideration of climate change, especially when water diversions are proposed (i.e. increased or decreased flows),		10	7	3.4.2, 7.9	14 to 17, 47
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	x. Waste water treatment technologies and facilities, and estimated volumes and treatment targets of the effluent, as well as the applicable discharge standards including standards under the Fisheries Act,		10	7	3.3, 3.6.10	13 to 14, 35
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	xi. Waste water management in the construction stage at construction camps, including treatment/disposal methods, associated facilities,		10	7	3.3, 3.5.10	13 to 14, 25
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	xii. Conceptual operation and maintenance plans, including options for sewage sludge, and		2 10	4 7	4.3.6 3.3	4-26 to 4-27 13 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.4 Site Water Management Plan	xiii. Contingency measures for sewage plant malfunction and/or disturbances, associated spill response measures, as well as treatment technologies and facilities.		10	7	5 3.3	8.3.2 13 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.5 Ore Storage Management Plan	The Proponent shall present an Ore Storage Management Plan which encompasses all ore generated or produced by the Project and includes at a minimum:		10	8	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.5 Ore Storage Management Plan	i. A discussion of the predicted ore stockpile volumes/tonnage, physiochemical characteristics, stockpile methods and procedures including dust control, runoff management, progressive reclamation plans, and other details as deemed relevant,		10	8, 29	3.1, 3.2, 3.3, 3.4, 6 2.1, 2.2, 2.5, 3.4, 5.11	2 to 5, 6 to 7 9 to 11, 13 to 14, 15 to 16, 25 to 26
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.5 Ore Storage Management Plan	ii. A description of analyses implemented in the development of the proposed pile design and runoff management plans, include description and analysis of the water balance of the stockpiled ore material, the physical and chemical characteristics of seepage and runoff from the stockpiled ore material, as well as the thermal condition of the pile and surrounding ground, and consideration in the design of control measures to ensure seepage and runoff do not impact the surrounding environment,		10	8	3.1, 3.2, 3.3, 3.4, 6	2 to 5, 6 to 7

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.5 Ore Storage Management Plan	iii. A discussion on the means to minimize loss of ore material to the environment by wind and other means,		10	8	6.2	7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.5 Ore Storage Management Plan	iv. A discussion of proposed plans for accommodating the projected volumes of materials at the ore stockpile facilities, with a discussion of measures for contingency measures to address the situation in which the designed facilities are not adequate to accommodate ore actually generated,		10	8	3	2 to 5
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.5 Ore Storage Management Plan	v. Details regarding the process for selecting the preferred options for management of ore stockpile, including a discussion of alternative options (methodologies as well as locations) considered, and the rationale by which the proposed scheme was selected, and		2 10	4 8	4.2.4 3.5	4-9 to 4-11 5 to 6
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.5 Ore Storage Management Plan	vi. A conceptual plan to monitor and audit ore generated.		10	8	7	7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	The Proponent shall present a Mine Waste Management Plan which addresses all waste rock generated or produced by the Project through all Project phases as well as all tailings generated by the Project over the mine life. It may assist the Proponent to consult with the Prediction Manual for Drainage Chemistry from Sphidic Geologic Materials (Price, 2009) and Cold Regions Cover System Design Technical Guidance Document (O’Kane Consultants, 2012) in the identification of the waste rock characteristics as well as resulting plan. The Plan shall include, at a minimum:		10	9	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	i. A discussion of the predicted volumes/tonnage, physicochemical characteristics, segregation criteria, stockpile methods and procedures including dust control, runoff and seepage management, progressive reclamation plans, and other details as deemed relevant for both waste rock and tailings,		10	9 22	3, 7 3.1	2 to 10, 11 to 12 2 to 4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	ii. A description of analyses implemented in the development of the proposed pile design and runoff and seepage management plans, include description and analysis of the water balance of the waste rock pile, the physical and chemical characteristics of seepage and runoff from waste rock piles, as well as the thermal condition of the pile and surrounding ground, and consideration in the design of control measures to ensure seepage and runoff do not impact the surrounding environment,		10	9	3, 7	2 to 10, 11 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	iii. A description of analyses implemented in the development of the proposed pond design and runoff and seepage management plans, include description and analysis of the water balance, the physical and chemical characteristics of seepage and runoff from surrounding area, as well as the thermal condition of the pond and surrounding ground, and consideration in the design of control measures to ensure seepage and runoff do not impact the surrounding environment,		2 10	7 9	Appendix V2-7E 3, 7	All 2 to 9, 11 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	iv. A description of the potential for rock heave phenomena and any resulting implications to ground stability,		10	9	3.5	8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	v. A discussion of proposed plans for accommodating the projected volumes of materials at waste rock and tailings facilities, with a discussion of measures for contingency situations in which the designed facilities may not be adequate to accommodate the volumes of waste rock and tailings actually generated,		10	9 22	3 3.1	2 to 10 2 to 4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	vi. Details regarding the process for selecting the preferred options for the management of waste rock and tailings, including a discussion of alternative options (methodologies as well as locations) considered, and the rationale by which the proposed schemes were selected,		2 10	4 9	4.2.5, 4.2.6 3.7	4-11 to 4-18 8 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	vii. Detailed information on the waterways impacted by the proposed deposition of tailings to determine whether or not the Navigable Waters Protection Act (or subsequent replacement legislation) applies, as well as details of any anticipated impacts to navigation on any waterways listed as “navigable”, and		10	22	6.4	15
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	vii. Detailed information on the waterways impacted by the proposed deposition of tailings to determine whether or not the Navigable Waters Protection Act (or subsequent replacement legislation) applies, as well as details of any anticipated impacts to navigation on any waterways listed as “navigable”, and		10	9	7.4	12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.6 Mine Waste Rock and Tailings Management Plan	viii. Conceptual plans to monitor and audit mine waste rock and tailing ponds.		10	9 22	8 7	12 to 13 16
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.7 Landfill and Waste Management Plan	The Proponent shall develop a Landfill and Waste Management Plan which discusses how non-combustible, non-hazardous industrial wastes will be handled in a safe and environmentally sound manner, and includes the sorting, possible transport, and ultimate disposal of Project wastes. The plan should emphasize how the Proponent plans to minimize the environmental footprint of the Project, and shall include:		10	10	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.7 Landfill and Waste Management Plan	i. Landfill management plans for the mining operations phase,		10	10	7.3	10 to 12

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	Section	Subsection						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.7 Landfill and Waste Management Plan	ii. A discussion of measures taken during periods of rainwater, snow and spring freshet,		10	10	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.7 Landfill and Waste Management Plan	iii. Landfill closure and reclamation plans,		10	10 29	7.3 5.10	10 to 12 25
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.7 Landfill and Waste Management Plan	iv. A description of plans to reduce/reuse/recycle Project wastes, and		10	10	4.3	4 to 5
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.7 Landfill and Waste Management Plan	v. A discussion of any planned use of municipal waste management facilities or services.		10	10	4, 7	2 to 6, 9 to 15
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	The Proponent shall develop a Hazardous Materials Management Plan. The hazardous materials discussed are to include hydrocarbon contaminated soils, snow and water, fuel, lubricants, process reagents, chemical reagents used for site laboratory, solvents and paints, medical wastes, batteries, and other office-generated hazardous waste. This plan shall be developed in connection with the Emergency Response and Contingency Plan, and is to include the following:		10	12	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	i. Characterization of potential environmental hazards posed by these materials, and the management of these through the environmental management system,		10	12	6	6 to 11
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	ii. Purchasing controls, shipment tracking procedures,		10	12	10	22 to 28
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	iii. Fuel storage monitoring program,		10	12	9	22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	iv. Safe handling and storage procedures,		10	12	7.3, 7.4, 7.5	12 to 22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	v. A discussion of the allocation of responsibilities for managing shipments, storage, handling and use of potentially hazardous materials,		10	12	7.3	12 to 22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	vi. Contingency and emergency response plans associated with hazardous materials,		10	12	6.2, 7.4	10 to 11, 21 to 22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	vii. Type and delivery of training for management, workers, and contractors whose responsibilities include handling potentially hazardous materials as well as those that may be required to assist and/or treat any of the above if there is an emergency/accident (i.e. local fire department, health centre, Royal Canadian Mounted Police detachment, etc.),		10	12	6.3	11
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	viii. Procedures for the maintenance and review of records of hazardous material consumption and incidents in order to anticipate and avoid impacts on human health and the environment,		10	12	11	28 to 29
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	ix. Plans for unused chemicals and/or reagents upon the completion of Project activities,		10	12	7.3.6	21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	x. Procedures to track and manage wastes generated through use of these products, including shipments of potentially hazardous waste to licensed disposal facilities, and		10	12	10, 11, 12	22 to 29
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials Management Plan	xi. A discussion on the waste management at the dock site including shipping waste generated on board and hazardous waste.		10	12	7.1, 7.3.5	11, 20 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.9 Incineration Management Plan	The Proponent shall develop an Incineration Management Plan which is consistent with the guidance provided in Environment Canada's (EC) Technical Document for Batch Waste Incineration (EC, 2010). The Plan shall include but not be limited to the following:		10	11	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.9 Incineration Management Plan	i. Standards/requirements for emissions from incinerator operation,		10	11	4, 6.1	2, 4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.9 Incineration Management Plan	ii. Incineration technologies to be used, facilities and equipment to be used,		10	11	6, 7, 8	4 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.9 Incineration Management Plan	iii. Personnel training programs for incinerator management and operation, and		10	11	6.4, 6.5	4 to 6
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.9 Incineration Management Plan	iv. Collection and reporting of operational data and maintenance records.		10	11	8, 9, 10, 11, 12	8 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	The Proponent shall develop a Roads Management Plan for all access/service roads proposed in the Project areas. The Plan shall address construction, operations, temporary closure and final closure phases of the Project. In association with the Spill Contingency Plan and the Wildlife Mitigation and Monitoring Plan, this plan shall include:		10	14	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	i. Permitting regime and land tenure of all ground transportation as well as designations of accessibility to public,		10	14	1.2.1, 5	1, 13 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	ii. A discussion on how the selected route(s) may correspond to the needs of other developers and of Nunavummiut, paying particular mind to any public consultation undertaken with respect to the proposed routing, specifically as it may relate to traditional land or resource use,		10	14	1.2.1	1

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	Section	Subsection						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	iii. Construction details applicable to Transport Canada's Navigable Waters Protection Program which could include, but not be limited to, any works built or placed in, on, over, under, through or across a navigable waterway (i.e. bridges, booms, dams, and causeways).		10	14	4.1, 4.2	9 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	iv. Projected traffic volumes, including the types and numbers of vehicles to be used, fluctuations on a seasonal or annual basis, and measures to enforce speed limits,		10	14	1.2.2, 8	1, 17 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	v. Protocols for accidents, accidents causing injuries, vehicle malfunction and emergency protocols,		10	14	8	17 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	vi. Mitigation measures and protocols to be implemented during construction and operations to mitigate potential impacts to wildlife, including explicit thresholds for mitigation of potential wildlife interactions, collisions and follow-up procedures,		10	14	9, 10	21 to 22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	vii. Measures for preventing the permafrost degradation during construction and operation of ground transportation,		10	14	4.2, 7.3	11 to 12, 16
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	viii. Operational procedures for daily operation and maintenance including dust suppression methods, snow removal, de-icing, snow drift/banks management,		10	14	7.1, 7.2	14 to 16
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	ix. Measures to control surface runoff during spring freshet and flooding during construction and operation phases,		10	14	4.2, 7.1	11 to 12, 14-18
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	x. Measures to control sedimentation during construction, maintenance and operation,		10	14	4.2.3	12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	xi. Safety procedures, emergency reporting and procedures for fuel/chemical spills, and other emergency events		10	14	8	17 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	xii. Plans for site reclamation, especially temporary construction camp and quarry sites which are used for extracting construction materials, disposal of construction waste materials and options of final closure and reclamation, and		10	14	12	22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	xiii. A discussion of potential future uses (e.g. potential public use).		10	14	12	22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	The Proponent shall present a Shipping Management Plan for all Project-related shipping, in connection with the SOPEPs (Subsection 9.4.2), the Wildlife Mitigation and Monitoring Plan, and other related plans as applicable. This plan should include:		10	15	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	i. Applicable environmental legislation, regulations Acts and guidelines associated with shipping, including:		10	15	5, 7, Appendix A	9 to 11, 12 to 16, All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	o International legislation, such as: MARPOL Convention, Protocols and Annexes as set out by the International Maritime Organization (IMO, 2008, MARPOL 73/78),		10	15	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	o Canadian legislation, such as: Canada Shipping Act, Arctic Waters Pollution Prevention Act (e.g. Zone/Date System, Arctic Ice Regime Shipping System, Ice Navigators if applicable),		10	15	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	o Construction details applicable to Transport Canada's Navigable Waters Protection Program which could include, but not be limited to, any works built or placed in, on, over, under, through or across a navigable waterway (i.e. bridges, booms, dams, and causeways), and		10	15	1.1, 7.2, Appendix A	1 to 2, 13 to 14, All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	o How the Proponent and its shipping contractors/partners intend to either meet or exceed these requirements for both barging and deep sea shipping operations and for all marine shipping alternatives.		10	15	1.2, 7.0	2, 12 to 16
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	ii. A description of basic contingency planning associated with the marine transportation component of the project, particularly in relation to the movement of oil, explosives and other hazardous materials,		10	15	2, 7.4	6, 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	iii. Provide a hazard identification analysis of the barge and ship routes and a preliminary risk analysis of the marine routes under consideration, along with intended methods of mitigating marine transportation risks,		10	15	7	12 to 16
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	iv. A discussion of proposed safety measures,		10	15	7	12 to 16
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	v. A discussion of the challenges related to cleaning up fuel spills in the Arctic environment due to cold temperatures, presence of ice, darkness and remoteness,	Yes	40 Addendum	5-6 5, 6	8.2.3 3.3.5 8.2.3 5.3.5	24 to 25 6 to 7 8-3 to 8-4 5-3 to 5-4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	vi. Disposal plans and management for onboard waste including solid waste and sewage/grey water while docked at the dock facility and while in transit. Plans should include discussion on how the Proponent and its shipping contractors/partners intend to either meet or exceed legislation and/or other regulatory requirements,		10	15	1.3, 7.5	2 to 6, 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	vii. Ballast water management plan for all Project shipping, as applicable, with indication of the proposed ballast water exchange locations in mid-ocean, at the dock facility in Bathurst Inlet, and alternative exchange zones within waters under Canadian jurisdiction. Include associated implications for regulatory compliance (Government of Canada, 2006),		10	15	8, Appendix A	16, All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	viii. Proposed measures to eliminate or reduce the risk of invasive aquatic and non-aquatic species being introduced into Canadian waters as a result of shipping,		10	15	11	19 to 20

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	Section	Subsection						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	ix. A discussion of whether the shipping route or part of the proposed shipping route is a compulsory or non-compulsory pilotage area, and associated implications for regulatory compliance (Government of Canada, 2009) if applicable,		10	15	1.2	2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	x. Marine wildlife mitigation and onboard monitoring plans, including:		10	15	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	o Applicable guidelines, monitoring protocols, and reporting/action procedures,		10	15	11.1	19
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	o Measures to minimize the potential interactions between marine mammals and marine vessels, and		10	15	11.2	19
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	o A description of how interactions between marine mammals and shipping operations will be dealt with,		10	15	11.3	19 to 20
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	xi. Details regarding the proposed procedures for accident, malfunctions and incident management and reporting, including accidental spills of fuel and chemicals along the shipping routes, and from the accidental grounding/stranding of ships along the shipping routes. This should include a discussion of the preparedness of adequate resources to respond to a large fuel spill from a cargo vessel in transit, with reference to the SOPEPs,		10	15	9	16 to 18
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	xii. Measures to mitigate potential impacts to the safety of persons traveling in boats along Project shipping routes,		10	15	10	18 to 19
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	xiii. Measures to prevent the transportation of illicit substances via the marine shipment of project-related goods and supplies,		10	15	13	22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	xiv. Anticipated use of police services for offloading supplies and materials, including dangerous goods and explosives, and in the engagement of emergency/accident procedures,		10	15	7.1, 7.2, 7.3, 7.4, Appendix A	12 to 14, All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	xv. Identified third party liabilities, and		10	15	Appendix A	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping Management Plan	xvi. Measures intended to mitigate potential socio-economic impacts as results of shipping.		10	15	3	6 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	The Proponent shall develop a Borrow Pits and Quarry Management Plan which includes:		10	16	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	i. Regulations and guidelines to be complied with,		10	16	4	9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	ii. A description of how the Proponent will minimize the overall impact on surrounding environments by maximizing the use of existing pits and quarry sites to the extent possible, to minimize the number of opened pits, and minimizing haul distances and surface disturbance,		10	16	6	9 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	iii. Sediment, dust and erosion prevention and control measures,		10	16	6.3	11
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	iv. Results of ARD/ML potential testing for quarried materials and pit walls, and associated mitigation measures,		2 10	7 16	Appendix V2-7D (7.2.3) 3.4	7 6 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	v. Aggregate extraction and quarry methods, with associated mitigation measures for potential impacts on the environment, including archaeological,		10	16	3, 6	2 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	vi. Proposed methods for handling ice, with plans to manage water released by the thawing of permafrost and ground ice, and		10	16	6.4	11 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.12 Borrow Pits and Quarry Management Plan	vii. A progressive reclamation strategy and associated technologies.		10	16	3.6	7 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	The Proponent shall develop an Explosives Management Plan which provides information on explosives transport, storage and handling at the Project. This plan must discuss the following:		10	13	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	i. Applicable federal and territorial Regulations and Acts,		10	13	4	3 to 4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	ii. Methods and procedures for the manufacture, transport, storage, handling, and use of explosives,		10	13	6.1, 6.2, 6.5, 6.6	4 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	iii. Details on the manufacture and storage facilities for Ammonium Nitrate and Fuel Oil (ANFO), including applicable guidelines, monitoring protocols, and reporting/action procedures,		10	13	6.1.1, 6.1.2, 9, 10	4 to 5, 19 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	iv. Best practices to minimise usage and loss rate,		10	13	8	18 to 19
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	v. Safe handling and spill containment prevention methods,		10	13	6.7, 6.8	14 to 17
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	vi. An evaluation of worst case scenarios (e.g. accidental explosion),		10	13	10.4	20 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	vii. Security measures to be implemented,		10	13	6.9	17
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	viii. Personnel training program, and		10	13	6.4	11 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.13 Explosives Management Plan	ix. An internal audit and inspection.		10	13	9.1	19 to 20

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.14 Air Quality Monitoring and Management Plan	9.4.14 Air Quality Monitoring and Management Plan	The Proponent shall develop an Air Quality Monitoring and Management Plan in association with the baseline data collected and the impact assessment in Subsection 8.1.1. This plan must include the following key elements:		10	17	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.14 Air Quality Monitoring and Management Plan	9.4.14 Air Quality Monitoring and Management Plan	i. A description of proposed air quality monitoring and related adaptive management measures for emissions related to the Project as described in Subsection 8.1.1.2, including thresholds for action and mitigation strategies,		10	17	4, 6, 7	2 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.14 Air Quality Monitoring and Management Plan	9.4.14 Air Quality Monitoring and Management Plan	ii. An emissions reduction strategy, through which the Proponent would employ appropriate technologies and operating practices, in an effort to minimize emissions of air contaminants from all Project facilities including compliance with approved criteria, and reducing the production of GHGs and other emissions,		10	17	6.1	5 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.14 Air Quality Monitoring and Management Plan	9.4.14 Air Quality Monitoring and Management Plan	iii. A dust reduction plan which addresses the use of dust suppression agents, procedures and applicable guidelines for all Project areas where fugitive dust is a concern for air quality and human health,		10	17	6.1	5 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.14 Air Quality Monitoring and Management Plan	9.4.14 Air Quality Monitoring and Management Plan	iv. An incineration management plan, as described in Subsection 9.4.9, describing how emissions will be minimized and the Canada-wide Standards for Dioxins and the Furans and the Canada-wide Standards for Mercury emissions met, and		10	17	6.1	5 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.14 Air Quality Monitoring and Management Plan	9.4.14 Air Quality Monitoring and Management Plan	v. Procedures for reporting of project emissions and monitoring results.		10	17	11	16 to 17
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.15 Noise Abatement Plan	9.4.15 Noise Abatement Plan	The Proponent shall develop a Noise Abatement Plan to provide information on monitoring and mitigating of noise impacts based on its impact assessment in Subsection 8.1.2. This plan must discuss:		10	18	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.15 Noise Abatement Plan	9.4.15 Noise Abatement Plan	i. Applicable standards, guidelines and regulations that will be incorporated to minimize and mitigate noise effects from the Project,		10	18	2	1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.15 Noise Abatement Plan	9.4.15 Noise Abatement Plan	ii. An environmental noise follow-up monitoring program indicating location, duration, timing and type of noise monitoring to be conducted,		10	18	4	2 to 3
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.15 Noise Abatement Plan	9.4.15 Noise Abatement Plan	iii. A description of noise control methods based on the climatic conditions and available technologies to be employed should mitigation be required,		10	18	3, 4	1 to 3
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.15 Noise Abatement Plan	9.4.15 Noise Abatement Plan	iv. Measures and technologies to be adopted in the design and manufacturing of Project infrastructure and facilities to reduce noise,		10	18	3	1 to 2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.15 Noise Abatement Plan	9.4.15 Noise Abatement Plan	v. A description of noise attenuation and minimization measures to be employed through choosing appropriate equipment, installation of noise silencing devices, scheduling of take-off and landing aircrafts, and blasting timing, and		10	18	3	1 to 2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.15 Noise Abatement Plan	9.4.15 Noise Abatement Plan	vi. Occupational related noise management programs.		10	18	3	1 to 2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	The Proponent shall develop an Aquatic Effects Management Plan to provide information regarding proposed mitigation measures designed to protect and minimize the impacts on the aquatic system (freshwater and marine) from all project activities occurring in or near watercourses through all project phases, as well as those plans and programs designed to monitor potential effects to the aquatic system. This plan must include:	Yes	40 Addendum 10	49 19	All All	All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	i. Applicable standards, guidelines and regulations,	Yes	40 Addendum 10	49 19	4 1.3	2 to 3 1-2 to 1-3
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	ii. Erosion and sediment control measures for works in or near waterbodies and watercourses,	Yes	40 Addendum 10	49 19	6-4-2 5.2.6	4 to 8 5-5 to 5-6
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	iii. Measures to be applied to protect fish, aquatic biota, and the habitat of both during blasting in or near freshwater and marine environments,	Yes	40 Addendum 10	49 19	6-4-3 5.4.6	8 5-12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	iv. A description of the fish-out program proposed for the removal of fish from the lakes that are proposed to be dewatered during construction of the mine and the tailings impoundment area,	Yes	40 Addendum 10	49 31	6-4-4 All	8 to 12 All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	v. Monitoring and reporting protocols as per the Environmental Effects Monitoring (EEM) program of the Metal Mining Effluent Regulations (EC, 2011),	Yes	40 Addendum 10	49 19	7-2-4 7	22 7-1 to 7-2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	vi. A description of monitoring study design and field methods, including indicators to be measured, sampling frequency and methods, timing, spatial extent and Universal Transverse Mercator (UTM) coordinates of sampling locations for each aquatic sampling location, and	Yes	40 Addendum 10	49 19	7 5	12 to 35 5-1 to 5-12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	9.4.16 Aquatic Effects Management Plan	vii. A description of how indicators, sampling design, methodology and the analysis will be appropriate and adequate to detect spatial and temporal project related impacts on the aquatic ecosystem and provide statistically rigorous tests of impact prediction presented in the EIS.	Yes	40 Addendum 10	49 19	7 5	12 to 35 5-1 to 5-12

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	Section	Subsection						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	The Proponent shall develop a Wildlife Mitigation and Monitoring Plan in consultation with Government of Nunavut-Department of Environment (GN-DOE), Fisheries and Oceans Canada (DFO), Environment Canada (EC), and other relevant agencies or organizations. This plan must include appropriate mitigation and monitoring for selected terrestrial and marine species, with consideration for potential impacts identified in the relevant subsections of the EIS. This plan is required to include the following:	Yes	40 Addendum 10	20 20	All All, Addendum Appendices V5-5I, V5-5J, V5-5K	All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	i. A description of the LSA and the RSA for wildlife mitigation and monitoring programs,	Yes	40 Addendum 10	20 20	7.1.4 6	49 to 50 6-1 to 7-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	ii. Selection criteria and rationales for wildlife species selected for monitoring and mitigation programs,	Yes	40 Addendum 10	20 20	2-3, 4-6, 7-1 2, 3, 4, 6, 7.1	2 to 51 2-1 to 7-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	iii. A description of how TK collected by the Proponent has been integrated into baseline data collection, impact predictions and significance determinations, and the development of mitigation and monitoring programs,	Yes	40 Addendum 10	20 20	1-1 1.1	1-1 1-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	iv. Details regarding plans for involvement of local hunters in wildlife baseline studies and monitoring program if applicable, including the mechanisms and resources allocated for local participation,	Yes	40 Addendum 10	20 20	7.1.2 7.2.1.3	48 7-33 to 7-35
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	v. Plans for coordinating wildlife studies/monitoring activities with other organizations, institutions, government departments and/or individual researchers conducting wildlife studies in the RSA, to minimize the impacts on wildlife from studies/survey activities,	Yes	40 Addendum 10	20 20	7-1 7.2.1.2, 7.2.2.2 to 7.2.2.4, 7.2.2.7, 8.2.2.4, 9.2.2.3	47 to 51 7-31 to 7-33, 7-40 to 7-45, 7-47, 8-12, 9-15
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	vi. A discussion of how terrestrial wildlife surveys, particularly low elevation caribou surveys, and monitoring protocols (including data confidentiality) will be designed to mitigate potential impacts on terrestrial mammals, in particular caribou,	Yes	40 Addendum 10	20 20	7-3 7.2.2.4	77 to 112 7-43 to 7-45
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	vii. A description of monitoring study design and field methods, including indicators to be measured, sampling frequency and methods, timing, spatial extent, and Universal Transverse Mercator (UTM) coordinates of transect lines if applicable, for each wildlife species to be monitored,	Yes	40 Addendum 10	20 20	7-2, 7-3 7.2.1.1 to 7.2.1.3, 7.2.2.2 to 7.2.2.7, 8.2.2.3	51 to 112 7-28 to 7-35, 7-40 to 7-47, 8-12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	viii. A description of how indicators, sampling design, methodology and analysis will be appropriate and adequate to detect spatial and temporal project-related impacts on wildlife and provide statistically rigorous tests of impact predictions presented in the EIS,	Yes	40 Addendum 10	20 20	7-2, 7-3 7.2.1.1 to 7.2.1.3, 7.2.2.2 to 7.2.2.7, 8.2.2.3	51 to 112 7-28 to 7-35, 7-40 to 7-47, 8-12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	ix. Measures to be applied to avoid or reduce the disturbance, harassment, injury or mortality of marine mammals due to shipping activities,	Yes	40 Addendum 10	20 20	11 19	19 to 20 19-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	x. Measures to be applied to avoid or reduce the disturbance, harassment, injury or mortality of terrestrial wildlife due to Project activities, including measures to prevent wildlife from entering pit areas and birds from landing on tailings impoundment area,	Yes	40 Addendum 10	20 20	6 7.1.3, 7.1.5.1 to 7.1.5.3, 7.1.5.6 to 7.1.5.8, 7.1.5.11	7 to 47 7-8 to 7-12, 7-12 to 7-20, 7-20 to 7-21, 7-23
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xi. Measures to minimize noise disturbance to wildlife and hunters/travellers when conducting aerial wildlife surveys,	Yes	40 Addendum 10	20 20	7-3 7.2.2.2 to 7.2.2.7, 8.2.2.3	77 to 112 7-40 to 7-47, 8-12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xii. Procedures and structures designed to mitigate/manage potential impacts to wildlife and wildlife movement (e.g. caribou crossings and migration routes) during construction and operations,	Yes	40 Addendum 10	20 20	6-2, 6-4 7.1.5.10, 9.1.3.7	8 to 14, 17 to 21 7-23, 9-4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xiii. Plans to facilitate the safe passage of wildlife across the all-weather access road and associated mitigation measures to prevent collisions with wildlife,	Yes	40 Addendum 10	20 20	6-2, 6-4 7.1.5.10, 9.1.3.7	8 to 14, 17 to 21 7-23, 9-4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xiv. Plans and measures to avoid or reduce the potential for Project activities to act as an attractant to wildlife species and to avoid and reduce injury, illness or mortality of wildlife (including intentional killing of wildlife by mine personnel to defend human life or property),	Yes	40 Addendum 10	20 20	6-3 7.1.9, 8.1.7, 9.1.7, 10.1.7, 11.1.7, 12.1.7	14 to 17 7-26, 8-5, 9-5, 10-4, 11-4, 12-2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xv. A description of data analysis methods, triggers/thresholds for adaptive management plans, and proposed mitigation measures,	Yes	40 Addendum 10	20 20	7-3 7.2.2.2 to 7.2.2.7, 8.2.2.3	77 to 112 7-40 to 7-47, 8-12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xvi. A mechanism for the evaluation of effectiveness of mitigation measures,	Yes	40 Addendum 10	20 20	9 17	113 17-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xvii. Quality assurance and quality control measures, and	Yes	40 Addendum 10	20 20	13 21	114 21-1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xviii. Reporting and plan updating procedures.	Yes	40 Addendum 10	20 20	11 19	113 to 114 19-1

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	The Proponent shall present a No Net Loss Plan (NNLP) to discuss measures to be implemented for off set of the loss of aquatic habitat due to Project activities and components. This plan should include the principle of No Net Loss for fish habitat as outlined in the Policy for the Management of Fish Habitat (DFO, 1986), and shall include, where appropriate, habitat replacement options and monitoring programs and off set plans as developed in consultation with DFO and KIA. The No Net Loss Plan shall discuss the following:	Yes	40 Addendum 10	24 21	All All	All All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	i. Requirements of related DFO policies,	Yes	40 Addendum 10	24 21	1.1.1 1.1.1	6 to 7 6 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	ii. The estimate of total fish habitat loss and methods used for estimations,	Yes	40 Addendum 10	24 21	2 2	7 to 14 8 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	iii. Plans to off-set losses to fish habitat in order to achieve "No Net Loss" of fish habitat productive capacity,	Yes	40 Addendum 10	24 21	3 3	14 to 20 15 to 19
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	iv. Procedures and structures designed to mitigate/manage potential impacts to fish and fish habitat during construction and operation including fishout programs of any drained lakes,	Yes	6 7 40 Addendum 10	6, 7 4, 5 24 21 31	6.5.3, 6.8, 7.5.3, 7.8 4.5.3, 4.8, 5.5.3, 5.8 3, 5, 9 3, 5 All	6-61 to 6-70, 6-71 to 6-74, 7-46 to 7-56, 7-57 to 7-60 4-46 to 4-49, 4-52, 5-29 to 5-31, 5-34 to 5-37 14 to 20, 22 to 27, 69 to 70 15 to 19, 23 to 27 All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	v. Details regarding the proposed offsetting options, including locations and conceptual designs for implementation (e.g. rearing habitat, migration channels, etc.),	Yes	40 Addendum 10	24 21	3 3	14 to 20 15 to 19
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	vi. A discussion on how TK was incorporated into the development of the No Net Loss Plan,	Yes	40 Addendum 10	24 21	2.1.3 2.1.3	12 to 13 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	vii. A description of the location(s) of the tailings impoundment area and the fish habitat affected by the deposit,	Yes	40 Addendum 10	24 21	4 4	20 to 22 20 to 22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	viii. A description of the measures to be taken to mitigate any potential adverse effect on the fish habitat that could result from plan implementation,	Yes	40 Addendum 10	24 21	3, 4 3, 4	14 to 22 15 to 22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	ix. A description of measures to be taken to monitor plan implementation,	Yes	40 Addendum 10	24 21	5, 7.2.2, 7.5 5, 7.3.1.2, 7.4.4	22 to 27, 45 to 46, 65 to 66 23 to 27, 48 to 49, 72 to 73
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	x. A description of the measures to be taken to verify the extent to which the plan's purpose has been achieved,	Yes	40 Addendum 10	24 21	7.5 7.4.4	65 to 66 72 to 73
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	xi. A description of the time schedule for plan implementation, which shall provide for achievement of the purpose of the plan within a reasonable time, and	Yes	40 Addendum 10	24 21	7.4.3, Table 7.4-1, 7.5 7.4.3, Table 7.4-2, 7.4.4	64-66 71 to 73
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	xii. A description of the consultation efforts for the No Net Loss Plan for the tailings impoundment area, including KIA, DFO and other affected parties, including overall effort and opportunities for parties to provide options for offsetting predicted impacts to fish and fish habitat.	Yes	40 Addendum 10	24 21	2 2	7 to 14 8 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS		The Proponent shall present plans, policies and programs to minimize potential negative socio- economic effects and to optimize the potential positive effects of the Project. Socio-economic management plans shall be developed and organized to correspond with the socio-economic impact assessment described in Section 8.2. Plans should reflect the complete life span of the Project, and contain appropriate monitoring and evaluation techniques (e.g. indicators) that will allow regulators to intervene in a timely and constructive manner.		10	23, 24, 26, 28	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS		The Proponent shall describe its socio-economic mitigation and monitoring plans and mitigation programs, including how they will identify, react and mitigate potentially adverse socio-economic impacts and augment positive socio-economic impacts.		8 10	3 23, 24, 26, 28	3.8, 3.9 All	3-124 to 3-139 All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS		In consultation with the Kitikmeot Socio-Economic Monitoring Committee (SEMC), the Proponent should clearly identify the role it will take in regional monitoring initiatives, including how its monitoring plans will align with those of the regional SEMC. The Proponent may also use experience from other projects or jurisdictions regarding the success of such mitigation measures as part of the Proponent's assessment of impacts and development of these plans.		10	23	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS		The Proponent shall outline how the predominant regional language/dialect in the RSA will be incorporated into each respective plan. The management plans shall include, but are not limited the following individual plans:		8	3	3.8	3-124 to 3-128
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.1 Business Development Plan	The Proponent shall provide a Business Development Plan that includes, but is not limited to:		10	24	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.1 Business Development Plan	i. Commitments (e.g., workforce percentage) and strategies for local/regional preferential hiring and contracting,		10	24	7.1	5 to 8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.1 Business Development Plan	ii. Strategies for building capacity for local businesses and entrepreneurs,		10	24	7.2	8 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.1 Business Development Plan	iii. Communication methods to share information on opportunities with local or regional businesses,		10	24 26	7.1 7.4	5 to 8 9 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.1 Business Development Plan	iv. Community-based investment or initiatives that may lead to economic diversity, and		10	24	7.3	9 to 10

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	Section	Subsection						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.1 Business Development Plan	v. A discussion on what efforts the Proponent will undertake to ensure project-specific benefits can remain in the Kitikmeot region and/or in Nunavut.		10	24	7.1	5 to 8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	The Proponent shall present an Occupational Health and Safety Plan focusing on the following elements in conjunction with its Spill Contingency Plan, Risk Management Plan, Noise Abatement Plan, and any other relevant plans:		10	25	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	i. An overview of the occupational health and safety program for the activities and works being proposed,		10	25	1	1 to 3
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	ii. Policies and guidelines regarding interaction with Nunavut's medical health system including the provision of relevant health and safety information regarding hazardous materials, including Material Safety Data Sheets to the appropriate health centers and any emergency response staff,		10	25	3.12	11
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	iii. Safety and management procedures related to hazardous chemical, physical, and biological agents and materials, including their manufacture, storage, use and disposal,		10	25	3.1	4 to 5
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	iv. Best safety practices and safety awareness programs,		10	25	3.7	8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	v. An overview of the workplace conditions, such as accommodation, food/nutrition, health and safety, alcohol/drug/smoking policies, and recreation,		10	25	3.13	11 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	vi. Employee involvement and related training programs for ensuring awareness of employee responsibilities in environmental and health and safety management, including roles pertaining to safety orientation, hazard analysis, first-aid training, human-wildlife encounters and protocols to follow, etc.,		10	25	3.8	8 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	vii. Risk management and safety management details regarding the preparedness of mine safety equipment and devices,		10	25	3	4 to 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	viii. Procedures for emergency incidence reporting and actions including procedures for medical transport of injured staff or persons, including transport from the location of the incident to help, ambulance or medical transportation onsite, and medevac to local health center, hospital, or referral south,		10	25	3.9, 3.11	9 to 11
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	ix. Details regarding workplace monitoring and control, and		10	25	3.1, 3.13	4 to 5, 11 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.2 Occupational Health and Safety Plan	x. First aid training and occupational medical surveillance.		10	25	3.12	11
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	The Proponent shall present a Community Involvement Plan which discusses the following:		10	26	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	i. Provision of a clear definition of public and community for the purposes of the Community Involvement Plan,		10	26	7	5 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	ii. Mechanisms for providing information to the public and potentially affected communities regarding regular updates of Project's progress, initiatives and future work plans (e.g. training opportunities, hiring information, etc.),		10	26	7.1, 7.2	5 to 8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	iii. Plans and procedures for communicating with the public and Project employees during any temporary closure or slowdown periods,		10	26	7.1	5 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	iv. Methods and procedures for establishing effective two-way communications for collecting and addressing public concerns,		10	26	7.3	8 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	v. Methods to evaluate public engagement efforts in order to identify the effectiveness of the plan,		10	26	7.3	8 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	vi. Measures to assist communities with addressing potential social needs and problems related to the Project, including proposed counselling services for employees and their families regarding matters such as substance abuse, work-related stress management, family support, etc.,		10	26	7.4	9 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	vii. An approach to promoting the participation of Nunavummiut in project employment, including any preferential recruitment policies or practices,		10	26	7.4	9 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	viii. Plans for promoting local contracting opportunities and purchasing of local products (e.g. country foods),		10	26	7.4	9 to 10

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	ix. A discussion of how input from communities has influenced the design and implementation of monitoring plans and initiatives,		10	26	7.2	7 to 8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	x. A discussion of communications procedures for the Proponent and members of affected communities to disseminate Project monitoring results and Project information on social, cultural, and ecological conditions, and		10	26	7.5	10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community Involvement Plan	xi. A discussion of procedures for community-based monitoring of social, cultural, and ecological conditions to determine if, when, and how the Project contributes to community sustainable development.		10	26	7.5	10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.4 Cultural and Heritage Resources Protection Plan	The Proponent shall, in consultation with the Government of Nunavut-Department of Culture and Heritage, present a Cultural and Heritage Resources Protection Plan which includes the following:		10	27	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.4 Cultural and Heritage Resources Protection Plan	i. Applicable regulations and guidelines for management of potential impacts to identified cultural and heritage resources,		10	27	2	1
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.4 Cultural and Heritage Resources Protection Plan	ii. Results of archaeological investigations and studies,		10	27	1, 3, 8	1 to 2, 6 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.4 Cultural and Heritage Resources Protection Plan	iii. Inventory of known archaeological resources in Project areas,		8 10	1 27	1.5 3	1-15 to 1-29 1 to 2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.4 Cultural and Heritage Resources Protection Plan	iv. A discussion of how the results from the Proponent's impact assessment have been considered and incorporated into the plan, and		10	27	3	1 to 2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.4 Cultural and Heritage Resources Protection Plan	v. General and site-specific measures for the protection of archaeological sites and mitigation of potential adverse impacts.		10	27	3, 4	1 to 2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	The Proponent shall develop a Human Resource Plan, consulting with relevant GN departments where applicable, which includes the following:		10	28	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	i. Applicable human resources legislation, the Proponent's understanding of labour standards practices and how the Proponent will meet the requirements developing employment policies and the Proponent's policies on compensation and benefit programs (e.g. health care plan, insurance, vacation/maternity leave, etc.),		10	28	3, 7.1	2 to 7, 9 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	ii. Recruitment strategies with communities that includes regular information updates regarding employment/training opportunities, hiring plans and time schedules, etc.,		10	28	7.2	13 to 15
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	iii. A strategy discussing steps to reduce labour force entry barriers and improvement to employee retention,		10	28	3.1, 7.1	2 to 6, 9 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	iv. Any plans for training programs designed to assist the local labour force with potential employment at the mine (e.g. partnerships with local schools and other educational institutions, on-the-job learning, and apprenticeships),		10	28	7.3	15 to 18
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	v. Education and Orientation Plan to assist employees to understand their responsibilities in environmental protection and health and safety management, and to provide cultural and financial management training,		10	28	7.1	9 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	vi. Worker rotation and pay schedules, health and safety programs, preferential recruitment policy, gender equality, skills and entry requirements, training, career development, and counselling programs available for employees,		10	28	7	9 to 18
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	vii. A discussion of how the planned work schedules that are adapted to traditional activities, whether the Proponent will provide no-cost commuting to allow workers to continue to live in their own communities and to participate in their traditional economic and cultural activities,		10	28	7.1	9 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	viii. Policies regarding onsite public safety and wellbeing, cross-cultural orientation, firearms control, sexual and gender harassment, alcohol and drug control measures, reporting of incidents involving drugs/alcohol, smoking policies, gambling activities, and supply of country food to Inuit workers at the mine site.,		10	28	3.1, 7.1	2 to 6, 9 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	ix. Details on any priorities for Inuit, northerners, etc. or other staffing measures targeting categories of individuals,		10	28	3.1, 7.2	2 to 6, 13 to 15
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	x. Recognition and management plans regarding the rights and needs of hunting activities and traveling through Project areas by the residents from adjacent communities,		10	28	3.1	2 to 6

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	xi. Strategies for communicating relevant information of IIBA terms and conditions to employees,		10	28	7.1	9 to 13
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	xii. Policies and regulations regarding hunting and fishing by non-Inuit employees, while respecting the rights and needs of Inuit employees to harvest and pursue traditional activities, with a discussion of how such policies or regulations were designed to manage potential impacts to fisheries or wildlife resources,		10	28	3.1	2 to 6
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	xiii. A discussion of any proposed policies or regulations regarding the prohibition of recreational hunting, fishing and other related activities by employees at specific locations and timing in Project area, and		10	28	3.1	2 to 6
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	xiv. Skill transferability training and employment counselling upon mine closure and during temporary mine closures.		10	28	7.3	15 to 18
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		The Proponent shall develop a preliminary Mine Closure and Reclamation Plan for the Project which outlines how the various components set out in Section 6.0 will be decommissioned, reclaimed and closed following mine closure. The plan can be preliminary with key issues addressed for the environmental assessment in the NIRB's review, with the following requirements:		10	29	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		i. To ensure that issues associated with the effective closure and reclamation of all Project components are considered at the earliest possible stage in the mine development process, thereby influencing mine design to take into account environmental issues related to mine closure and reclamation.		10	29	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		ii. To establish goals and final land use objectives for reclamation of lands potentially affected by the Project,		10	29	1.7	7 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		iii. A description of reclamation methods, time frames and schedules, including proposed progressive reclamation, research programs, and notice periods to employees and public,		10	29	4, 5	17 to 27
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		iv. A description of temporary closure measures and a discussion of at what point a temporary closure should be considered permanent for the purposes of requiring implementation of the Mine Closure and Reclamation Plan,		10	29	3, 3.1	14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		v. A discussion of research programs to address challenges to reclamation, given the local conditions,		10	29	4.2	17 to 19
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		vi. Considerations for the protection of public health and safety,		10	29	1.7, 3, 4, 5	7 to 9, 14 to 27
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		vii. A description of the estimated contaminant and other material (physical and chemical) levels in the environment after mine closure and remediation,		10	29	5	20 to 27
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		viii. A description of closure and post-closure monitoring of environmental components including, but not limited to, wildlife, vegetation, air quality, landform stability and water quality,		10	29	6	27 to 29
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		ix. A discussion on the long-term monitoring and maintenance that may be required once physical and chemical stability of reclaimed areas have been established,		10	29	5, 6	20 to 29
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		x. A discussion on reduction or elimination of environmental effects once the mine ceases operation,		10	29	5	20 to 27
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		xi. A discussion regarding re-establishing conditions that permit the land to return to a similar pre-mining land use,		10	29	5	20 to 27
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		xii. Considerations for ARD and/or ML potential of rocks and tailings, in association with related waste rock and tailings management strategies,		2 10	7 3 29	Appendix V2-7D 4.2 2.2	All 17 to 27 10 to 11
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		xiii. Any considerations for the restoration of the natural aesthetics of the Project, and		10	29	1.7, 5	7 to 9, 20 to 27
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN		xiv. The Plan is to be considered a "living" document, the level of detail should undergo further revision to reflect the progress of the Project as well as changes in technology and/or standards or legislation. This plan should include the establishment of thresholds and identified adaptive management responses should such thresholds be reached. Future revisions should also consider input from consultations with communities and other stakeholders on methods to be used, and potential uses for project infrastructure, etc.		10	29	1.7, 1.8	7 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.6 MINE CLOSURE AND RECLAMATION PLAN	9.6.1 Care and Maintenance Plan	A preliminary Care and Maintenance Plan shall be developed for the Project in conjunction with the Mine Closure and Reclamation Plan which outlines how the various components set out in Section 6.0 will be treated in the event of a temporary closure or un-timely closure of the project. The plan can be preliminary with key issues addressed for the environmental assessment in the NIRB's review and should include a discussion on the items listed in Section 9.6.		10	29	3	14 to 17

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	Section	Subsection						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		A follow-up plan is a formal, ongoing process to verify the accuracy of the environmental impact predicted in the environmental assessment and permitting stage of the Project, and to determine the effectiveness of proposed mitigation measures. If either of these two steps identifies unusual and unforeseen adverse environmental effects, then the existing mitigation measures must be adjusted, or if necessary, an adaptive management plan with new mitigation or compensation measures must be developed. Adaptive management planning is particularly important for the areas where scientific uncertainty exists in the prediction of adverse effects. In order to offset the likelihood of mitigation failure and the potential severity of the consequences, the Proponent shall formulate a process through which the information related to effectiveness of mitigation measures is analyzed and associated adaptive measures would be employed in the environmental management system:					
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		i. The need for such a follow-up and adaptive management plan and its objectives,		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		ii. How this plan will be structured including responses to any enforcement action or penalties for non-compliance,		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		iii. Which elements of the monitoring program described in Section 9.3, would be incorporated,		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		iv. The mechanisms, through which monitoring results will be analysed, and if necessary, adjusted mitigation measures or adaptive management plan will be employed. In addition, how the effectiveness of the new mitigation measure will be assessed and verified,		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		v. The roles to be played by the Proponent, regulatory agencies, and others in such a plan, and possible involvement of independent researchers,		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		vi. The sources of funding for the plan and reporting,		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		vii. How an increased and perhaps unforeseen cost associated in a plan would be managed in implementing such measures, and		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT PLANS		viii. The quantitative triggers or thresholds that will indicate the need to alter or vary the management plan or mitigation measures.		10	1	13	13 to 21
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.8 SIGNIFICANCE OF RESIDUAL IMPACTS		After having established the mitigation measures, the EIS shall present the residual effects assessment of the Project on the components of the biophysical and human environments, so that the reader can clearly understand the real consequences of the Project, the degree of mitigation of the effects and which effects cannot be mitigated or compensated for.		1 4 5 6 7 8	6, 8 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.8 SIGNIFICANCE OF RESIDUAL IMPACTS		The Proponent should include a summary table in this section of its EIS, which presents the effects before and after mitigation on the various components of the environment, the mitigation measures applied and the residual effects have been assessed.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.8, X.9, X.10	1-15 to 1-33, 2-11 to 2-27 4-26 to 4-65, 5-131 to 5-249, 6-37 to 6-90, 7-18 to 7-69, 8-32 to 8-100, 9-30 to 9-63, 10-22 to 10-58 1-41 to 1-57, 4-26 to 4-64, 5-14 to 5-42, 6-44 to 6-74, 7-34 to 7-61 2-16 to 2-45, 3-12 to 3-36, 4-40 to 4-54, 5-22 to 5-37, 6-20 to 6-55, 7-15 to 7-42 1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.8 SIGNIFICANCE OF RESIDUAL IMPACTS		The determination of significance of residual impact shall take into account the attributes of each impact in accordance with the criteria established in Section 7.14.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.10	1-15 to 1-31, 1-33, 2-11 to 2-25, 2-27 4-26 to 4-62, 4-65, 5-131 to 5-242, 5-249, 6-37 to 6-82, 6-90, 7-18 to 7-63, 7-69, 8-32 to 8-94, 8-100, 9-30 to 9-58, 9-63, 10-22 to 10-54, 10-58 1-41 to 1-56, 1-57, 4-26 to 4-59, 4-63, 6-44 to 6-71, 6-74, 7-34 to 7-57, 7-61 2-16 to 2-41, 2-45, 3-12 to 3-33, 3-36, 4-40 to 4-52, 4-54, 5-22 to 5-34, 5-37, 6-20 to 6-50, 6-55, 7-15 to 7-37, 7-42 1-15 to 1-29, 1-31, 3-42 to 3-124, 3-130, 4-33 to 4-82, 4-85, 5-23 to 5-61, 5-62
10.0 CONCLUSION			The EIS should end with a conclusion presenting a summary analysis of the overall projected biophysical and socio-economic impacts, anticipated transboundary and cumulative effects, proposed mitigation measures, and residual impacts. While highlighting the impacts in the Kitikmeot Region, this conclusion should clearly present the importance of the EIS findings to the NSA and Canada.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.8, X.9, X.10	1-15 to 1-33, 2-11 to 2-27 4-26 to 4-65, 5-131 to 5-249, 6-37 to 6-90, 7-18 to 7-69, 8-32 to 8-100, 9-30 to 9-63, 10-22 to 10-58 1-41 to 1-57, 4-26 to 4-64, 5-14 to 5-42, 6-44 to 6-74, 7-34 to 7-61 2-16 to 2-45, 3-12 to 3-36, 4-40 to 4-54, 5-22 to 5-37, 6-20 to 6-55, 7-15 to 7-42 1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62
11.0 LIST OF CONSULTANTS AND ORGANIZATIONS			The Proponent shall prepare a list of all the consultants who contributed to the preparation of the EIS, including the role of each and contact information in an appendix to the EIS. In addition, the Proponent shall prepare a list of organizations consulted in preparing this EIS where such consultations provided materials as included as supporting documentation or evidence within the EIS, including the time, place, and purpose of the consultation, reference materials provided, and contact information for the organization.	Yes	1 3 Addendum 3	Appendix V1-4 1, 2 1, 2	All Appendices V3-1A, V3-1B, V3-1C, V3-1E, V3-2A Addendum Appendices V3-1A, V3-1B, V3-1C, V3-2A	All All
APPENDIX A: NUNAVUT IMPACT REVIEW BOARD'S 10 MINIMUM EIS REQUIREMENTS			The following are the minimum required elements for an Environmental Impact Statement required under a Part 5 Review:		3 Addendum 3	1 1	All, Appendices V3-4A, V3-4B, V3-4C, V3-1D, V3-1E, V3-4F, V3-1G Addendum Appendices V3-1A, V3-1B, V3-1C, V3-1F	All All
			1. Statement of Consultation Principles and Practices		-	-	-	-

Part	Guidelines Section		Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
	Section	Subsection						
			The Proponent must conduct pre-Project consultations with locally affected persons. Where at all possible, information about the Project must be distributed, and comments collected with a view to resolving any differences. Discussions should include, but not be limited to, land uses, policies, resource uses, Archaeological areas, infrastructure, and terrain sensitivities. Aboriginal cultural concerns must be highlighted throughout. The Proponent shall explain where, how, why, and with whom it conducted public consultation, and shall demonstrate an understanding of the rights, interests, values, aspirations, and concerns of the potentially affected communities. All comments from the public must be summarized, documented, and presented in the EIS.	Yes	3 Addendum 3	1 1	All, Appendices V3-1A, V3-1B, V3-1C, V3-1D, V3-1E, V3-1F, V3-1G Addendum Appendices V3-1A, V3-1B, V3-1C, V3-1F	All, All, All, All, All, All, All, All
			2. Definition of Project		-	-	-	-
			A definition of the Project must include a discussion of any connected or subsequently related projects in order to reveal the primary purpose and better understand complex or multi-staged related proposals.		2	1, 2, 3	All	All
			3. Statement of Project's Purpose		-	-	-	-
			Based on the concepts of the Precautionary Principle and Sustainable Development, an EIS must contain a statement explaining the need for, and the purpose of the Project. Where further economic development is needed for a given area, the Board expects the deficiencies in the economic status quo to be stated.		2	1	2.4.1	2-2
			4. Anticipated Impacts Analysis		-	-	-	-
			A comprehensive impact assessment must be carried out which includes, but is not limited to, environmental effects that are likely to result from the Project in combination with other projects or activities that have been, or will be, carried out. Anticipated impacts include short and long-term, direct and indirect, positive and negative, cumulative, socio-economic, archaeological and cultural impacts. This element of the EIS must include a mitigation analysis that explains how the impacts could be avoided, minimized, cured, eliminated, or compensated.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.8, X.9, X.10	1-15 to 1-33, 2-11 to 2-27 4-26 to 4-65, 5-131 to 5-249, 6-37 to 6-90, 7-18 to 7-69, 8-32 to 8-100, 9-30 to 9-63, 10-22 to 10-58 1-41 to 1-57, 4-26 to 4-64, 5-14 to 5-42, 6-44 to 6-74, 7-34 to 7-61 2-16 to 2-45, 3-12 to 3-36, 4-40 to 4-54, 5-22 to 5-37, 6-20 to 6-55, 7-15 to 7-42 1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62
			5. Cumulative Effects Analysis (CEA)		-	-	-	-
			Cumulative Effects must be analyzed for all Part 5 Reviews. A project proposal causes a Cumulative Effect if, when added to other projects in the region, or projects reasonably foreseeable in the region, will cause an additive effect. A comprehensive examination of all Cumulative Effects must be included in an EIS.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.6	1-29 to 1-31, 2-23 to 2-25 4-55 to 4-62, 5-197 to 5-242, 6-69 to 6-82, 7-50 to 7-63, 8-70 to 8-94, 9-55 to 9-58, 10-51 to 10-54 1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57 2-39 to 2-41, 3-30 to 3-32, 4-50 to 4-52, 5-232 to 5-34, 6-35 to 6-39 to 6-48, 7-36 1-29, 3-104 to 3-120, 4-60 to 4-78, 5-61
			6. Significant Effects Analysis		-	-	-	-
			The Board must be advised of the significant impacts of the Project. This should be based upon:		-	-	-	-
			a. the Project setting, taking into account the location's unique exosystemic characteristics, and		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.1	1-1 to 1-10, 2-1 to 2-6 4-1 to 4-18, 5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 8-25, 9-1 to 9-25, 10-1 to 10-15 1-1 to 1-29, 4-1 to 4-23, 5-1 to 5-12, 6-1 to 6-35, 7-1 to 7-25 1-1 to 1-31, 2-1 to 2-14, 3-1 to 3-10, 4-1 to 4-30, 5-1 to 5-11, 6-1 to 6-15, 7-1 to 7-9 1-1 to 1-11, 3-1 to 3-25, 4-1 to 4-21, 5-1 to 5-15
			b. the severity of the impacts, taking into account, but not limited to public health, land use plans, protected areas, habitat, or species, public concern, etc.		3 4 5 6 7 8	1, 3 1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	1.6.2, 3.3 X.5.4, X.5.5 X.5.4, X.5.5 X.5.4, X.5.5 X.5.4, X.5.5 X.5.4, X.5.5	1-37 to 1-38, 3-50 to 3-53 1-28 to 1-29, 2-22 to 2-23 4-32 to 4-55, 5-191 to 5-197, 6-64 to 6-69, 7-46 to 7-50, 8-65 to 8-70, 9-54 to 9-55, 10-48 to 10-51 1-46 to 1-55, 4-45 to 4-57, 5-31 to 5-37, 6-70 2-33 to 2-39, 3-27 to 3-30, 4-49 to 4-50, 5-31 to 5-32, 6-38 to 6-39, 7-36 1-26 to 1-29, 3-95 to 3-101, 4-55 to 4-60, 5-20 to 5-61
			Ultimately, the Board will decide which effects are significant and report to the Minister accordingly.		Noted	-	-	-
			7. Project Alternatives		-	-	-	-
			This requirement includes, but goes well beyond, alternative means of carrying out the Project that might be economically and technically feasible and the environmental effects of those alternative means. This assessment must include the "no-go" or "no-build" alternative, as well as the "preferred" alternative. The "no-go" alternative is not only a potentially stand-alone option, it also serves as a baseline for comparison with other development alternatives that might reasonably be proposed in the circumstances. Environment Canada's Guidelines for the Assessment of Alternatives for Mine Waste Disposal (EC, 2011) may also be used by the Proponent in their assessment.		2	4	4	4-1 to 4-30
			8. Sustainability Analysis		-	-	-	-
			The EIS must contain an analysis of the ability of renewable resources affected by the Project to sustain current and future generations in Nunavut and Canada.		9 10	1 1	1.2.4 3	1-18 to 1-35 3-25
			9. Monitoring or Post-Project Analysis (PPA)		-	-	-	-
			The purposes of a PPA are to:		-	-	-	-
			a. measure the relevant effects of projects on the ecosystemic and socio-economic environments of the Nunavut Settlement Area,		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.9	1-33, 2-26 to 2-27 4-63 to 4-65, 5-246 to 5-249, 6-86 to 6-90, 7-68 to 7-69, 8-98 to 8-100, 9-62 to 9-63, 10-56 to 10-58 1-57, 4-62 to 4-63, 5-41 to 5-42, 6-74, 7-60 to 7-61 2-45, 3-36, 4-54, 5-37, 6-53 to 6-55, 7-40 to 7-42 1-30 to 1-31, 3-128, 4-84 to 4-85, 5-61

Addendum Appendix V1-1A. Table of Concordance

Part	Guidelines Section		Guidelines Text	New or Updated Information Provided	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
	Section	Subsection						
			b. determine whether and to what extent the land or resource use in question is carried out within the predetermined terms and conditions,		10	23	3.2	3
			c. provide the information base necessary for agencies to enforce terms and conditions of land or resource use approvals, and		10	23	3.2	3
			d. assess the accuracy of the predictions contained in the project impact statements.		4 5 6 7 8 10	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5 1	X.9 X.9 X.9 X.9 X.9 13	1-33, 2-26 to 2-27 4-63 to 4-65, 5-246 to 5-249, 6-86 to 6-90, 7-68 to 7-69, 8-98 to 8-100, 9-62 to 9-63, 10-56 to 10-58 1-57, 4-62 to 4-63, 5-41 to 5-42, 6-74, 7-60 to 7-61 2-45, 3-36, 4-54, 5-37, 6-53 to 6-55, 7-40 to 7-42 1-30 to 1-31, 3-128, 4-84 to 4-85, 5-61 15 to 20
			10. Transboundary Effects Analysis		-	-	-	-
			Where relevant, an EIS must include an assessment of all significant adverse ecosystemic or socio-economic transboundary effects.		4 5 6 7 8	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.7	1-31, 2-25 4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54 1-56, 4-59, 5-38, 6-70 to 6-71, 7-57 2-41, 3-32, 4-52, 5-34, 6-48, 7-37 1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61

FEIS ADDENDUM

ADDENDUM APPENDIX V1-9: PARTY-RECOMMENDED TERMS & CONDITIONS AND
COMMITMENTS (NEW)

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Party-Recommended Project Certificate Terms & Conditions and Commitments
(as at close of hearing April 30, 2016)

What follows provides a list of project certificate terms and conditions recommended to NIRB by federal and territorial agencies and the KIA during the April 2016 NIRB public hearings.

Type	Party	Identifier	Relevant IR/TC	Suggested Term & Condition and Commitment as revised and updated during public hearings
Term and Condition	DFO	DFO-T-1	DFO-TC-1 DFO-TC-2	The Proponent shall engage with Fisheries and Oceans Canada in exploring possible Project specific thresholds, mitigation and monitoring for blasting that would exceed the requirements of Fisheries and Oceans Canada's Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters (D.G. Wright and G.E. Hopky, 1998).
Term and Condition	DFO	DFO-T-2	DFO-TC-9	The Proponent commits to engage DFO and other interested parties during the regulatory phase on the design, construction, and operation of adequate fish passage to permit migration of Arctic Grayling from Goose Lake to natural spawning and rearing habitat located in upper Rascal Stream East, south of the planned airstrip. Any additional information required to ensure the design of the fish passage will be completed prior to significant construction activities at the Goose Property.
Term and Condition	DFO	DFO-T-3	DFO-TC-6	The Proponent will provide Fisheries and Oceans Canada (DFO) with the bathymetry, depth and location of proposed water withdrawal sites, volumes to be extracted, anticipated water level decreases, and fish habitat features within each waterbody proposed to be used for winter water withdrawal in support of the construction of the winter ice roads. This will be provided primarily during the regulatory phase however in certain cases waterbodies may be added in the future. If additional waterbodies are required the Proponent commits to provide all required information on the additional proposed lakes, to DFO for review prior to use of these waterbodies.
Term and Condition	DFO	DFO-T-4	DFO-TC-7	The Proponent will implement all applicable DFO best management practices to avoid and mitigate serious harm to fish as a result of the construction, operation, and decommissioning of winter ice roads, and from under ice water withdrawals. This includes adequately screening the water intakes pipes to prevent impingement and entrainment of fish.
Term and Condition	DFO	DFO-T-5	DFO-TC-14	The Proponent commits to developing and implementing a pre-construction monitoring plan for seal lairs to ensure potential lair locations are not impacted by the ice road or airstrip construction. If construction is scheduled during the seal pupping period, then the identified potential lair locations - such as ice ridges or large snow drifts, will be avoided and monitoring for ringed seal presence will be triggered prior to construction. The Proponent will update the text in the WMMP Plan (Section 7.2.8.3) to include working with Fisheries and Oceans Canada and interested parties to determine the most appropriate methodology should construction be proposed during the seal pupping period and structures that may support lairs (ice ridges and snow banks) be unavoidable. Prior to construction of the project, a detailed Standard Operating Procedure (SOP) will be produced. The SOP will include training requirements for staff, methods for monitoring, and data sheets.
Term and Condition	DFO	DFO-T-6	DFO-TC-15	The Proponent commits to produce a simplified SOP and ensure that Marine mammal surveys are conducted following the basic methods provided in the protocol outlined in Recommended Seabird and Marine Mammal Observational Protocols for Atlantic Canada (Moulton & Mactavish 2004). The Proponent has also committed to avoiding any groups of marine mammals observed on the ocean surface except where the safety of the ship is in concern (FEIS Volume 10, Chapter 20, Section 6.11.3). The Proponent also commits to continue to work with Fisheries and Oceans Canada and interested parties in the development of the ship based marine mammal monitoring program that utilizes bridge crew. The Proponent will update the text in the WMMP Plan (FEIS Volume 10, Chapter 20, Section 7.2.8.5) to this effect.
Term and Condition	DFO	DFO-T-7	DFO-TC-16	The Proponent will implement all applicable DFO best management practices to avoid and mitigate serious harm to fish as a result of water crossing construction, operation, and decommissioning for all fish-bearing water crossings. The Proponent acknowledges these measures include, but are not limited to, appropriate design of water crossings to facilitate fish passage at both high and low flows, timing windows that incorporate spawning, incubation and hatch times for all species using water courses, sediment and erosion control, protection of riparian vegetation, and other forms of bank stabilization.
Term and Condition	DFO	DFO-T-8	DFO-TC-17	The Proponent's proposed monitoring program for culverts on fish bearing watercourses during the Operations and Closure phases will include measures to ensure that barriers to fish passage do not form over time as a result of crossing damage due to ice blockage, flooding, or movement of debris all of which may occur at freshet. Detailed design drawings and an updated monitoring program will be produced prior to construction during the regulatory phase.
Term and Condition	ECCC	ECCC-T-1		The Proponent shall design and implement a marine monitoring program at the Marine Laydown Area to identify potential impacts of the project on the marine environment and inform adaptive management actions. <i>Commentary: The monitoring program shall be in line with the proposed monitoring in the Aquatic Effects Monitoring Plan presented in the FEIS Vol. 10 Chapter 19.</i>
Term and Condition	INAC	INAC-T-1	INAC-TC-8 & INAC-TC-9	The Proponent shall revise the Closure and Reclamation Plan to include an adaptive management component that documents proposed monitoring and mitigation measures to ensure long-term containment of the Tailings Storage Facility and Waste Rock Storage Areas. The revised plan shall include detail on the triggers for implementing alternative mitigation options, and shall be submitted to the Nunavut Water Board during the water license application process.
Term and Condition	TC	TC-T-1	F-TC-TC-4	The Proponent will adhere to requirements for loading and handling explosives within the prescribed regulatory requirements.
Term and Condition	TC	TC-T-2	F-TC-TC-8	The Proponent must refer to the latest version of Transport Canada's Emergency Response Guide and update its Risk Management & Emergency Response Plan as appropriate.
Term and Condition	KIA	KIA-T-1	KIA-TC-19	The Proponent will derive a site-specific water quality objective for arsenic in a way that is satisfactory to both the Kitikmeot Inuit Association and Environment and Climate Change Canada prior to the first technical meeting as part of the Nunavut Water Board water licencing process.
Term and Condition	KIA	KIA-T-2		The Wildlife Mitigation and Monitoring Plan will be updated as needed during the life of the project in conjunction with the KIA and submitted to the NIRB for review. Updates may be triggered by significant changes in the project plan, results reported in the annual Wildlife Effects Monitoring Plan report that indicate changes in conditions that are likely to be biologically meaningful, significant updates to the scientific understanding or methods relevant to wildlife at the project site, or as necessary.
Term and Condition	GN	GN-T-1	GN-1(1)	The Proponent is strongly encouraged to participate in the work of the Kitikmeot Socio- Economic Monitoring Committee along with other agencies and the communities of the Kitikmeot region, and to identify areas of mutual interest and priority for incorporation into a collaborative monitoring framework that includes socio-economic priorities related to the Project, communities, and the Kitikmeot Region as a whole.

Party-Recommended Project Certificate Terms & Conditions and Commitments
(as at close of hearing April 30, 2016)

What follows provides a list of project certificate terms and conditions recommended to NIRB by federal and territorial agencies and the KIA during the April 2016 NIRB public hearings.

Type	Party	Identifier	Relevant IR/TC	Suggested Term & Condition and Commitment as revised and updated during public hearings
Term and Condition	GN	GN-T-2	GN-1(2)	The Proponent is encouraged to work in collaboration with other socio-economic stakeholders including for example, the Government of Nunavut, Indigenous and Northern Affairs Canada, the Kitikmeot Inuit Association, and communities of the Kitikmeot Region, to establish a socio-economic working group for the Project to develop and oversee the Back River Socio-Economic Monitoring Program. The working group should develop a Terms of Reference which outlines each member's roles and responsibilities with regards to, where applicable, project-specific socio-economic monitoring throughout the life of the Project. The Terms of Reference are to be provided to the Nunavut Impact Review Board upon completion, and within one year of issuance of the Project Certificate.
Term and Condition	GN	GN-T-3	GN-1(3)	The Proponent is very strongly encouraged to develop the Back River socio-economic monitoring program to monitor impacts predicted in the FEIS through indicators presented in the Back River socio-economic monitoring plan. Regional concerns identified by the Kitikmeot SEMC will also be considered for inclusion. Where possible, the Proponent is encouraged to work in collaboration with all other socio-economic stakeholders such as the GN, Indigenous and Northern Affairs Canada, the Kitikmeot Inuit Association, and the communities of the Kitikmeot Region in developing this program, which should include a process for adaptive management and mitigation in the event unanticipated impacts are identified. The Proponent shall produce annual Back River socio-economic monitoring reports throughout the life of the Project that are submitted to the Nunavut Impact Review Board and shared with the wider Kitikmeot SEMC. Details of the Back River socio-economic monitoring program are to be provided to the Nunavut Impact Review Board upon finalization, and within one year of issuance of the Project Certificate.
Term and Condition	GN	GN-T-4	GN-4	The Proponent is encouraged to identify and register all trades occupations, journeypersons, and apprentices working with the Project, as well as to provide the Government of Nunavut with information regarding the number of registered apprentices and journeypersons from other jurisdictions employed at the Project. Related Legislation - The Apprenticeship, Trade, and Occupation Act and Regulations
Term and Condition	GN	GN-T-5	GN-5	To the extent the sharing of such information is not inconsistent with any Inuit Impact Benefit Agreement with Kitikmeot Inuit Association, the Proponent is strongly encouraged to submit staff schedule estimates to the Nunavut Impact Review Board (NIRB) and to the Government of Nunavut (GN) 6 months prior to each phase of the project (construction, operations, closure). The schedule should, at a minimum, provide a description of: o Title of positions required by department and division; o Quantity of positions available by Project phase; The Proponent is also strongly encouraged to submit additional staff schedule information to the Nunavut Impact Review Board (NIRB) and to the Government of Nunavut (GN) for each phase of the project (construction, operations, closure), as it becomes available. This information includes: o Transferable skills, both certified and uncertified which may be required for, or gained during, employment within each position; and, o The National Occupational Classification (NOC) code for each individual position. The Proponent is encouraged to consult the GN during development of the schedule. A new schedule should be submitted following any significant deviation from original predictions. However, any staff schedule information provided by the Proponent will be consistent with obligations established under the Inuit Impact and Benefit Agreement (IIBA) negotiated with the Kitikmeot Inuit Association (KIA).
Term and Condition	GN	GN-T-6	GN-7(1) and 7(2)	Provided the sharing of such information is consistent with the terms and conditions of any applicable Inuit Impact Benefits Agreement with the Kitikmeot Inuit Association the Proponent is strongly encouraged to communicate and collaborate with the GN and Nunavut Housing Corporation (NHC) on potential housing initiatives with a view to enhancing employee access to a range of housing options, including homeownership. Initiatives may include, but are not limited to, the provision of financial literacy, financial planning, and personal budgeting training.
Term and Condition	GN	GN-T-7	GN-8	The Proponent is strongly encouraged to work with the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) to design and implement a voluntary housing survey to be offered to its Nunavummiut employees. The survey should be designed in collaboration with the Government of Nunavut, the Nunavut Housing Corporation and other relevant stakeholders. Non-confidential results of the survey are to be reported to the Government of Nunavut and other members of the K-SEMC. The frequency and content of the survey should be determined by the collaborating parties. Content may include changes of address, housing status (i.e. public/social, privately owned/rented, government, etc.), and migration intentions.
Commitment	DFO	DFO-C-1	DFO-TC-10	The Proponent will continue to work with Environment and Climate Change Canada and Fisheries and Oceans Canada at the regulatory approval stage to reconcile the regulatory requirements related to the use of Umwelt Lake as a Saline Water Management Pond.
Commitment	DFO	DFO-C-2	DFO-TC-11	The Proponent will continue to work with Fisheries and Oceans Canada (DFO) and the impacted communities at the regulatory approval stage to develop a detailed fish-out and offsetting plan.
Commitment	INAC	INAC-C-1	INAC-TC-1	The Proponent commits to modeling of total metal concentrations, as may be required, to establish appropriate discharge criteria and predict downstream compliance. For parameters not requiring total metals modeling, appropriate justification should be provided. This information is expected for review as part of the Type A Water Licence Application process.
Commitment	INAC	INAC-C-2	INAC-TC-2	The Proponent commits to monitor water quality of the pit sump to validate water quality predictions and implement mitigation should monitoring show that pit walls are a more appreciable source of loading than indicated by current modeling. The Proponent commits to providing details of options for mitigation for review as part of the Type A Water Licence Application process.
Commitment	INAC	INAC-C-3	INAC-TC-3	The Proponent commits to providing additional information on the proposed waste water treatment plant to show that adequate treatment capacity is in place, and that there is sufficient capacity available to address spills, accidents and malfunctions. This should be presented for review during the Type A Water License Application process.

Party-Recommended Project Certificate Terms & Conditions and Commitments
(as at close of hearing April 30, 2016)

What follows provides a list of project certificate terms and conditions recommended to NIRB by federal and territorial agencies and the KIA during the April 2016 NIRB public hearings.

Type	Party	Identifier	Relevant IR/TC	Suggested Term & Condition and Commitment as revised and updated during public hearings
Commitment	INAC	INAC-C-4	INAC-TC-6 & INAC-TC-10	The Proponent has committed to undertake an infill geotechnical characterization program to determine the extent of the fractured bedrock contact zone and apply proposed mitigation as necessary. This program should include permeability testing, seepage analysis, and planning for thermal monitoring of the western ridge, where appropriate. The Proponent will provide details of the program, including how the information gathered will be used to establish appropriate mitigation and monitoring measures as part of the Type A Water Licence Application process. Further, where the results of this program show the potential for seepage, the Proponent commits to the establishment of a monitoring program with the capability of determining that contaminants are being contained within the facility. The Proponent shall provide sufficient justification where it is determined that monitoring is not required. The options for monitoring shall be provided for review as part of the Type A Water Licence Application process.
Commitment	INAC	INAC-C-5	INAC-TC-7	The Proponent commits to further thermal modeling to support dam design along critical cross-sections of the Main Dam. This should be presented for review during the Type A Water Licence Application process.
Commitment	INAC	INAC-C-6	INAC-TC-11	The Proponent shall revise their Ore and Waste Rock Management Plan to include monitoring that demonstrates contact water (runoff and shallow groundwater) from the Waste Rock Storage Areas is adequately captured and managed. This shall be submitted to the Nunavut Water Board during the water licence application process.
Commitment	KIA	KIA-C-1	KIA-IR-65, KIA-TC-18, KIA-TC-20, KIA-TC-21, and KIA-TC-22	The Proponent commits to developing the Aquatic Effects Monitoring Program and adaptive management thresholds in conjunction with the Kitikmeot Inuit Association prior to the first technical meeting as part of the Nunavut Water Board water licensing process.
Commitment	KIA	KIA-C-2	KIA-TC-07	The Proponent commits to provide the Kitikmeot Inuit Association with information regarding the construction of the winter ice road including, but not limited to, fill, quarry and borrow sites required for the construction of the winter road for review and approval prior to construction.
Commitment	KIA	KIA-C-3	KIA-TC-09	The Proponent commits to providing the results of the blast hole cutting sampling and testing program along with other geochemical monitoring results in an annual monitoring report. For at least the first annual report, the Proponent will engage a geochemical specialist to review the results and evaluate whether further changes in the monitoring or management activities is required. If such a recommendation is made, the Proponent will update WRMP accordingly. Regardless of whether such a recommendation is made, the WRMP will be updated at the time of water licence renewal.
Commitment	KIA	KIA-C-4	KIA-TC-10	The Proponent commits to test a mixture of tailings and treatment sludges to evaluate the potential for remobilization of arsenic from this material. Tests will be conducted as sludges are produced. The Proponent commits to provide their proposed testing method to the Kitikmeot Inuit Association for review and approval prior to initiating these tests, and will provide the results of the testing in the annual monitoring report that will be submitted as part of the water license requirements.
Commitment	KIA	KIA-C-5	KIA-TC-12, KIA-IR-41/KIA-TC-13	The Proponent commits to working in conjunction with Kitikmeot Inuit Association in the permitting phase as it relates to fisheries impacts and compensation, to review the offsetting plan as required under the Fisheries Act.
Commitment	KIA	KIA-C-6	KIA-TC-15	The Proponent commits to actively involve the Kitikmeot Inuit Association in the adaptive management of the fish offsetting plan.
Commitment	KIA	KIA-C-7	KIA-TC-16	The Proponent commits to actively involve the Kitikmeot Inuit Association in evaluating early outcomes from monitoring and updating fish offsetting plans.
Commitment	KIA	KIA-C-8	KIA-TC-23	The Proponent commits to collect additional baseline water quality data from the lakes in the project area during freshet and fall as confirmed by measurements of higher flow prior to construction. The Proponent commits to use this data to update the water and load balance model.
Commitment	KIA	KIA-C-9		The Proponent commits to providing a more detailed description of activities, with reference to what equipment will be operating and how often, during the different stages of a staged reduction in project activities in the next Wildlife Mitigation and Monitoring Plan update. This will include a quantitative description of the noise produced by these activities and the area over which continuous noise thresholds for caribou will be exceeded.
Commitment	KIA	KIA-C-10		Sabina will work in conjunction with the KIA to develop a plan for winter road use cessation and/or management in April to protect the spring migration of the Beverly caribou herd to be a component in their land tenure agreement.
Commitment	KIA	KIA-C-11		Sabina commits to developing an adaptive management plan, in conjunction with the KIA, to manage caribou access to the TSF if caribou are observed to be drinking from the tailings water.
Commitment	KIA	KIA-C-12		Sabina commits to increase the visual observation distance trigger for enhanced mitigation for caribou around roads (in Table 6.10-2 of Version H.1 of the Wildlife Mitigation and Monitoring Plan, for fall and winter seasons) from 250 to 500 m.
Commitment	KIA	KIA-C-13		The Proponent will update the Wildlife Mitigation and Monitoring Plan to include a plan that will be implemented immediately in the event of calving caribou shifting their range to overlap with the Project Development Area. The Proponent will update the Wildlife Mitigation and Monitoring Plan to reflect the following measures in order to identify the presence of an aggregation (group) of caribou calving near the Project site during the calving period, post calving and summer. If a group of greater than 250 caribou are observed by active monitoring within 4 km of the Project site, then staged reduction of helicopter use and heavy vehicle use would be triggered. The threshold for cessation of blasting will be the greater of 4 km, or according to Commitment KIA-C14 of this table. The aggregation group size definition may be updated based on best available science in subsequent Wildlife Mitigation and Monitoring Plan updates.
Commitment	KIA	KIA-C-14		The Proponent commits to decreasing the sound levels as indicated in the Wildlife Mitigation and Monitoring Plan used to calculate the distance that caribou must be from blasting prior to explosion detonation from 108 dB to a level more protective of caribou. These levels will be reduced to 96 dB.

Party-Recommended Project Certificate Terms & Conditions and Commitments
(as at close of hearing April 30, 2016)

What follows provides a list of project certificate terms and conditions recommended to NIRB by federal and territorial agencies and the KIA during the April 2016 NIRB public hearings.

Type	Party	Identifier	Relevant IR/TC	Suggested Term & Condition and Commitment as revised and updated during public hearings
Commitment	GN	GN-C-1	1 (DEIS)	Provided the sharing of such information is consistent with the terms and conditions of any applicable Inuit Impact Benefits Agreement with the Kitikmeot Inuit Association, The Proponent commits to include project-specific data concerning employee community or residence and number of employees that relocated from the year prior (where available, to and from, for Cambridge Bay, Kugluktuk, Taloyoak, Gjoa Haven, and Kugaaruk) in their Socio-Economic Monitoring Program and subsequent annual reports. The details of this process will be captured in the terms of reference for the project specific Back River Socio-Economic Monitoring Committee.
Commitment	GN	GN-C-2	2(DEIS)	Through the Back River Project Socio-economic Monitoring Program (SEMP) and annual reporting to NIRB, Sabina commits to socio-economic monitoring throughout all phases of the Project as long as there is a reasonable expectation of Project-related impacts to the socio-economic environment, to the extent the sharing of such information is not inconsistent with the terms and conditions of any Inuit Impact Benefit Agreement with Kitikmeot Inuit Association. This will include temporary closure and care and maintenance phases of the Project. This commitment will be finalized in the Terms of Reference.
Commitment	GN	GN-C-3	3.2 (DEIS)	Sabina commits to actions to promote youth being able to make informed choices regarding their career direction, including encouraging youth to stay in school to take advantage of the employment opportunities made available by the Project.
Commitment	GN	GN-C-4	4 (DEIS)	The Proponent commits to provide NOC coding information in their workforce schedule. To the extent the sharing of such information is not inconsistent with the terms and conditions of any Inuit Impact Benefit Agreement with Kitikmeot Inuit Association the Proponent commits to identify and register, with the appropriate GN department, all trades persons and apprentices working within the Project operations. The Proponent will consult with the GN's Department of Family Services Career Development Division to identify current apprentice students for potential training and employment
Commitment	GN	GN-C-5	7 (DEIS)	Unless such matters are otherwise addressed in any Inuit Impact Benefit Agreement with Kitikmeot Inuit Association, Sabina will continue to support childcare in the communities through our donations policy and informal visits to assess potential areas of need. Also, Sabina employees will be encouraged to support childcare through volunteering and participation on the associated non-profit boards responsible in each community for the delivery of childcare programming. Sabina is committed to working with the GN and community stakeholders to explore improved or alternative means of addressing potential childcare issues, but does not intend to become directly involved in the provision of childcare services.
Commitment	GN	GN-C-6	12 (DEIS)	Sabina will be offering annual influenza vaccinations to all employees and providing education on proper personal hygiene to limit the spread of influenza. All medical incidents or occurrences, including those tied to a rabid animal, will be addressed through the company HSE policy, where a qualified on-site Nurse/Medic will assess the situation and where necessary consult with our Medical Doctor. All regulatory reporting will be adhered to for compliance.
Commitment	GN	GN-C-7	13 (DEIS)	In the event the pre-employment medicals are required, Sabina will commit to a service fee payable to the Community Health services based on a negotiated fee schedule. Sabina will develop any pre-employment medical screening program in discussion with Nunavut Health Services.
Commitment	GN	GN-C-8	14 (DEIS)	The Proponent commits to integrate information and data relating to employee support programs and training through the Back River Socio-Economic Monitoring Program Annual Report, provided the sharing of such information is consistent with the terms and conditions of any applicable Inuit Impact Benefits Agreement with the Kitikmeot Inuit Association.
Commitment	GN	GN-C-9	GN-TC-2	The Proponent will communicate to the Government of Nunavut (GN) available information on major changes to Project-related tax estimates on an as-needed basis. This communication will not preclude either party from contacting the other as necessary for other relevant information.
Commitment	GN	GN-C-10	GN-TC-3	Sabina commits to keep regional education staff (e.g. the Regional Director of Education) informed of any activities the Proponent has planned, or is requested to participate in, involving community schools.
Commitment	GN	GN-C-11	GN-TC-6	Provided the sharing of such information is consistent with the terms and conditions of any applicable Inuit Impact Benefits Agreement with the Kitikmeot Inuit Association, the Proponent commits to integrate information and data relating to employee support programs and training through the Back River Socio-Economic Monitoring Program Annual Report.
Commitment	GN	GN-C-12	GN-TC-9	By February 28th of each year that footprint changes are occurring or that an archaeological permit is requested, the Proponent will provide the GN-DCH a series of maps and tables indicating the current status of all archaeological sites within the Project Development Area. For clarity, the maps are to include the following specifications: a) All archaeological sites inventoried in the project development area b) Archaeological sites planned for mitigation - colour coded by year c) Archaeological sites designated for avoidance/protection - shape and colour coded d) The information in points a, b, and c overlaid onto an updated map of the final location of Project infrastructure as it is known. e) The scale of the maps has to be such that the limits of individual infrastructure components are well defined and the location of the archaeological sites within those limits is precise. The table is requested to include textual descriptions of the map contents and should evolve over time within this annual status report.
Commitment	GN	GN-C-13	GN-TC-11	The Proponent will revise the WMMP to remove remaining areas that refer only to the Bathurst herd and apply all monitoring and mitigation measures (including mitigation for shifts in calving and post-calving range) to both the Bathurst and Beverly caribou herds, except where another commitment refers to a specific herd.

Party-Recommended Project Certificate Terms & Conditions and Commitments
(as at close of hearing April 30, 2016)

What follows provides a list of project certificate terms and conditions recommended to NIRB by federal and territorial agencies and the KIA during the April 2016 NIRB public hearings.

Type	Party	Identifier	Relevant IR/TC	Suggested Term & Condition and Commitment as revised and updated during public hearings
Commitment	GN	GN-C-14	GN-TC-12a	In consultation with the GN, the Proponent shall revise the WMMP to more clearly define the technical specifications and requirements of the proposed collar-based regional monitoring programs designed to monitor Project effects on caribou (i.e., the ZOI monitoring), and to monitor caribou range use for the purpose of mitigation (i.e seasonal ranges use monitoring), including details on required statistical power, sample size, sampling schedule and frequency of data acquisition. Prior to construction Sabina will also update the WMMP to (1) Confirm that data suitable to meet these technical specifications and monitoring needs are available and 2) demonstrate that relevant data sharing agreement are in place with government data suppliers. The revised WMMP shall be submitted to NIRB for review.
Commitment	GN	GN-C-15	GN-TC-12b	Sabina will update the WMMP Plan to include a commitment to contribute to cumulative effects/regional monitoring for caribou, grizzly bear, wolverine and/or muskox following proposals from the GN/GNWT to a maximum total combined value, to be determined. Commentary: In Section 7.3.1.5 of the WMMP (April 11, 2016), the reference to limiting the annual contribution for caribou cumulative effects monitoring to either the Bathurst or the Beverly herd will be removed. Contributions may be made to monitoring efforts on both herds in the same year, subject to a maximum total combined value to be determined.
Commitment	GN	GN-C-16	GN-TC-13a	Prior to construction, in consultation with the GN and other relevant parties, the Proponent shall revise the WMMP to address concerns regarding caribou monitoring and mitigation methods as submitted by the GN in its final submission and as further revised and clarified by the commitments made during the NIRB public hearings. The revised WMMP shall be submitted to the NIRB for review and approval.
Commitment	GN	GN-C-17	GN-TC-13b	The Proponent will update the WMMP Plan to include reductions of project activities (e.g., planned cessation in above-ground blasting, heavy truck hauling and use of helicopters (except where such activities are required in order to address regulatory compliance or health and safety)) should the core calving or post-calving ranges of the Bathurst or Beverly caribou herds overlap the Project site. The cessation of these activities will be planned for the period of time when the core calving and post-calving distribution of caribou overlaps the project, based on recent years of caribou collar and monitoring data. This planned period will be of sufficient duration to take into account annual variation in the timing and distribution of calving and postcalving caribou interactions with the Project. This plan will be updated with the WMMP Plan in consultation with the KIA, GN and other interested parties. Note to the NIRB: Note that Sabina has already committed to the KIA to provide a full description of any remaining project activities proposed during a planned cessation of above-ground blasting and heavy truck hauling, and to provide a noise model for these activities and to compare this predicted noise to the noise produced by indoor activities only. Sabina has also already committed to updating the proposed mitigation actions in the WMMP Plan in consultation with the KIA, GN and other interested parties.
Commitment	GN	GN-C-18	GN-TC-14a	During construction of the ice road, if a bear den is identified by preconstruction monitoring, the Proponent will avoid the den by 1 km. Under special circumstances an exception to the 1 km buffer may be implemented for logistical reasons following consultation with the GN.
Commitment	GN	GN-C-19	GN-TC-16	The Proponent will update the WMMP Plan to include the following commitment: Prior to removal or deterrence of raptors, the Proponent will contact GNDOE to discuss proposed mitigation options, as listed in the WMMP Plan, and will obtain the required permit prior to undertaking any activity that can lead to the destruction of raptor nests or the deterring of raptors from nesting sites.
Commitment	GN	GN-C-20	GN-TC-17a	To be more protective of muskox, the Proponent commits to updating the WMMP Plan to: (1) Increase the trigger distances for blasting mitigation measures for muskox (table 6.3-1 in the current April 2016 version of the WMMP); and (2) Specify mitigation measures, trigger distances and group size thresholds for the operation of heavy equipment on site roads and aircraft (vertical and horizontal distance buffers).
Commitment	GN	GN-C-21	GN-TC-20c	To the extent possible, and with appropriate mitigation and monitoring in place, the Proponent shall take into consideration the higher potential of caribou presence in the area when planning outdoor construction activities (including site clearing, blasting, and operation of heavy equipment) during the period July 26 to August 31.
Commitment	GN	GN-C-22	GN-TC-21	In consultation with the GN and other relevant authorities, the Proponent shall develop criteria and procedures governing the deterring of wildlife from blast zones and relaxation of mitigation measures for animals deemed Project-Tolerant. These criteria and procedures shall, amongst other things, address the list of questions related to deterrence and project tolerant animals presented by the GN in its final written submission (GN comment #13) on the Final Environmental Impact Statement. These criteria and procedures shall be submitted to the NIRB for review and approval prior to construction. For clarity, caribou will only be deterred if their safety is at direct risk. Reference to deterring wildlife from blasting zones will be removed from the blasting management plan (FEIS Volume 7, Chapter 13, Section 7)" Commentary: Draft information was included in the April 11, 2016 WMMP Plan update but further details will be added.
Commitment	GN	GN-C-23	GN-TC-22b	The Proponent shall include in the WMMP specific details on additional monitoring and mitigation that will be triggered when large groups of caribou occur near the ice roads.
Commitment	GN	GN-C-24	GN-TC-23a	The Proponent commits to updating the WMMP to include the trigger that should the existing incidental observation program record >5 persons per year using the road for harvesting purposes then the Proponent will implement a more direct monitoring program for persons using the ice road and reported as part of the Socio-Economic Monitoring Report to NIRB.
Commitment	GN	GN-C-25	GN-TC-24	In consultation with the KIA, GN, and other relevant parties the Proponent shall develop and implement a vegetation monitoring plan for the winter road that is designed to quantify the potential impacts on vegetation. The plan shall be submitted to the NIRB prior to winter road construction. Findings from these studies will be used to inform reclamation planning as appropriate.
Commitment	NSMA	NSMA-C-1		The Proponent commits to one or two site visits for the NSMA, with the details to be worked out at a later date. [NOTE: SEE HEARING TRANSCRIPT FOR SPECIFIC WORDING]
Commitment	YDFN	YDFN-C-1		The Proponent will update section 6.10.5.5 of the WMMP, Triggers and Mitigation point 2, to remove the term "predominantly female" and replace it with language that clarifies what mixed groups of caribou will trigger the cessation of heavy trucks. [NOTE: SEE HEARING TRANSCRIPT FOR SPECIFIC WORDING]