BACK RIVER PROJECT

Final Environmental Impact Statement Main Volume

Appendix V1-1

Tables of Concordance

Table V1-1A. Table of Conformity

Table V1-1B. Table of Commitments



BACK RIVER PROJECT

Final Environmental Impact Statement Main Volume

Table V1-1A. Table of Conformity



Table V1-1A. Table of Conformity

Guidelines Section							
Part	Section	Subsection	Guidelines Text	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	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 X.7 X.7 X.7 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, 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.	3	1, 2, 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, 2.1, 2.2, 2.3, 2.4, Appendix V3-2A, 3.2, 3.3, Appendices V3-3A, V3-3B, V3-3D	1-5 to 1-48, All 2-1 to 2-7, All 3-44 to 3-53, 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.	3	1, 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	1-5 to 1-48, All 3-44 to 3-53, 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.	3	1	1.3, 1.4, 1.5, 1.6, Table 1.6-1, 1.7, Appendices V3-1A, V3-1B, V3-1G	1-5 to 1-48, 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

Table V1-1A. Table of Conformity

Marche M	Guidelines Section							
PAPER Pape	Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
	2.0 GUIDING PRINCIPLES			The Proponent must identify any follow-up and monitoring activities planned,	1	10	All	All
Authors Auth		PRINCIPLE		particularly in areas where scientific uncertainty exists in the prediction of effects	9	1		1-5 to 1-16, 1-27, 1-50 to 1-51
Marken M	2 O GUIDING PRINCIPLES	2 4 PRECALITIONARY		The Proponent must present public views on the accentability of these effects	10			1 20 1 20 to 1 47 All
Part	2.0 GOIDING I KINCII LES			The Proportion must present public views on the acceptability of these effects.	3			
Material Properties 18.5	2.0 GUIDING PRINCIPLES	2.5 SUSTAINABLE		The EIS should clearly demonstrate how the Project preserves ecosystem integrity,		3	<u>5.5.5</u>	<u>3 32</u>
1975 1975		DEVELOPMENT			2	2	2.1.3	2-2
Post								
Page	2.0 GUIDING PRINCIPLES				۵	1	1 2 4	1-18 to 1-25
1000 1000		DEVELOT MENT				1		
CAMPAINS				today.	10	-	<u>≥</u>	<u>5.05</u>
ACCOUNT 18 18 18 18 18 18 18 1	2.0 GUIDING PRINCIPLES			<u> </u>	2	1	1.8. 2.1.7	1-10 to 1-17, 2-4 to 2-5
Marche 12,49 13,5	2 O SCODE OF THE MIDD				-	·	, 2	. 10 60 1 11/12 1 1 60 2 5
					2	All	All	All
1972 1972				The FIS will contain anticipated ecosystemic and socio-economic impacts of the				
Mathematical 11.14 11.15	ASSESSMENT	12.5.2 AND 12.5.6			4, 5, 6, 7, 8, 9, 10	All	All	All
Table Tabl				The EIS will contain anticipated effects of the environment on the Project	9	2	All	All
Mail				The EIS will contain stops which the Proposest proposes to take including and	•			····
1.1.4.5.4.7 All					1			
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1.116.5 SCITION 1.116.5 SCITION Control of the Properties proposed a time to sparetic properties with the Properties proposed a time to sparetic properties with the Properties proposed a time to sparetic properties with the Properties proposed a time to sparetic properties with the Properties proposed a time to sparetic properties with the Properties proposed a time to control of the Properties properties and the Properties					6		All	All
A					7			
3.4000 FM FM MB 3.400					8			
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Section 1.1 1.5				· · · · · ·	2	2	2.1.7, 4.1.5, 4.1.6	2-4 to 2-5, 4-2 to 4-3
1.5.0.000 FM 1.8.1 M.C. NCTIONS 1.1.0.1.0.1 The Control and control proposed to the local control and	ASSESSMEINT	12.3.2 AND 12.3.9			3	1	1.6.3	1-39 to 1-48
Marche 1,12,140 12,140	3.0 SCOPE OF THE NIRB	3.1 NLCA - SECTIONS			2	5	5.8	5-3
MSSSSMFT 12.1					9	1		
1.5.0.000					1			
Appendix 1,2 1,2 App 17,5 17 Appendix 1,1 App 2,5 CETORS 1,1 A					10	All	All	All
1.5.500 Feb Pile 1889 1.5.5.0 A SECTIONS 1.5.				·	1	Appendix V1-3	All	All
1.1. 1.1.				· · · · · · · · · · · · · · · · · · ·	2		44.42.42	444.420
ASSESSIBATI 1.5.2 AND 12.5.14 PE ES will demonstrate whether the project waile enhance and protest the section of future will being of the residents and communities of the Instant 2					2	4	4.1, 4.2, 4.3	4-1 to 4-29
3.5 COPE OF THE NIBB 3.1 NLCA - SCITIONS SCITIONS The SET will demonstrate whether the project would enhance and project to the visible and normalisation of the Namawat. 2 1 1.8 1.5 2.0 3.1				The EIS will contain any other matters that NIRB considers relevant.	3			
ASSESSMENT 12.5 2 AND 12.5 15 enkining and future well-being of the creations of the Namowal 2 1 1.8 1.10 1.17				The FIS will demonstrate whether the project would enhance and protect the		3	3.2.6	3-49 to 3-50
Settlement Are, Isking into account the interests of other Casadians 10 23,26 3, All 2 05, All				, ,	2	1	1.8	1-10 to 1-17
ASSESSMENT								
ASSESSMENT								
A					4	1, 2		1-15 to 1-31, 2-11 to 2-25
Section 1	ASSESSMENT	12.5.2 AND 12.5.16		ecosystemic integrity of the Nunavut.	5			
SCOPE OF THE NIRB 3.1 NLCA - SECTIONS The EIS will demonstrate whether the proposal reflects the priorities and values of 1					6		X.5, X.6, X.7	
3.1 NLCA - SECTIONS 12.5.2 AND 12.5.17 The EIS will demonstrate whether the proposed reflects the priorities and values of 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					/ 8			
ASSESMENT 12.5.2 AMD 12.5.17 the residents of the Munawut Settlement Area. 10 26.28 All All All All All All All All All Al	3 O SCOPE OF THE NIRB	3 1 NI CA - SECTIONS		The FIS will demonstrate whether the proposal reflects the priorities and values of	1		1 4	
ASSESSMENT 12.5.2 AND 12.5.18 mitigate adverse impacts. mitigate adverse impacts. mitigate adverse impacts. 1					10			
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2. 3. 4. 5. 6. 7 8 1. 1. 3. 4. 5 8 1. 1. 3. 4. 5 1. 3. NLCA - SECTIONS ASSESSMENT 12. 5. 2 AND 12. 5. 19 12. 5. 2 AND 12. 5. 19 12. 5. 2 AND 12. 5. 19 13. NLCA - SECTIONS ASSESSMENT 12. 5. 2 AND 12. 5. 19 14. 10 15. 5. 2 AND 12. 5. 20 15. 5. 2 AND 12.					5			
3.0 SCOPE OF THE NIRB 3.1 NLCA - SECTIONS should be taken, to compensate interests adversely affected by the project. 3.0 SCOPE OF THE NIRB ASSESSMENT 12.5.2 AND 12.5.19 3.0 SCOPE OF THE NIRB 1.5.5.2 AND 12.5.19 3.0 SCOPE OF THE NIRB 1.5.5.2 AND 12.5.20 3.0 SCOPE OF THE NIRB 1.5.2 AND 12.5.21 3.0 SCOPE OF THE NIRB 1.5.2 AND 12.5.21 4.5.2 AND 12.5.2 AND 12.5.21 5.5.2 AND 12.5.21 5.5.2 AND 12.5.21 5.5.2 AND 12.5.21 5.5.2 AND 12.5.22 5.					6		All	All
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ASSESSMENT 12.5.2 AND 12.5.19 Should be taken, to Compensate interests adversely affected by the project. 10 29 1.6.1, 1.7 2 to 5, 7 to 9 3.0 SCOPE OF THE NIRB 3.1 NLCA - SECTIONS ASSESSMENT 12.5.2 AND 12.5.20 3.0 SCOPE OF THE NIRB 12.5.2 AND 12.5.21 establish, or that should be established for ecosystemic and socio-economic impacts. 10 41 10 All All ASSESSMENT All All All All All All All All ASSESSMENT All All ASSESSMENT 12.5.2 AND 12.5.21 should be taken, to restore ecosystemic integrity following project 12 8 All All ASSESSMENT 12.5.2 AND 12.5.22 AND 12.5.2	3.0 SCOPE OF THE NIRB	3.1 NLCA - SECTIONS			3	4	42444522	451-464301-436
ASSESSMENT 12.5.2 AND 12.5.20 The NIRB 3.1 NLCA - SECTIONS ASSESSMENT 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. The EIS will contain the monitoring program that the Proponent proposes to all all and all a					3	1	<u>1.3.1.1</u> , <u>1.5.3.3</u>	<u>1-5 t0 1-6</u> , <u>1-28 t0 1-36</u>
3.0 SCOPE OF THE NIRB ASSESSMENT 12.5.2 AND 12.5.21 The EIS will contain steps which the Proponent proposes to take, or that 1 9 All ASSESSMENT 12.5.2 AND 12.5.22 AND 12.5.20				The Proponent will post performance bonds.	10	29	1.6.1. 1.7	2 to 5. 7 to 9
ASSESSMENT 12.5.2 AND 12.5.21 establish, or that should be established for ecosystemic and socio-economic inpacts. 1 1 10 All All All All All All All All All Al				The FIS will contain the monitoring program that the Proposed proposed to			<u></u>	
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ASSESSMENT 12.5.2 AND 12.5.22 should be taken, to restore ecosystemic integrity following project 2 8					1	9	All	All
abandonment. 10 29 3, 4, 5, 6 14 to 29	ASSESSMENT	12.5.2 AND 12.5.22			2			
				abandonment.	10	29	3, 4, 5, 6	14 to 29

Table V1-1A. Table of Conformity

Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
4.0 GUIDANCE ON THE	4.1 PRESENTATION	Japaection	The Proponent shall provide an EIS that is complete and which provides sufficient	i Lis (Staine	i Lio Giaptei	i Ely section	i age italibets
PRESENTATION OF THE	4.1 PRESENTATION		information to identify, describe and determine the significance of potential	4	1, 2		
ENVIRONMENTAL IMPACT			impacts to the ecosystemic and socio-economic environments that could arise	5	4, 5, 6, 7, 8, 9, 10		
STATEMENT			from the Project. The EIS should include scientific works, subject-specific	6	1, 4, 5, 6, 7		
J.A. EMENT			studies and all other sources of information covering all aspects of the Project in	7	2, 3, 4, 5, 6, 7	All	All
			regards to ecosystemic and socio-economic perspectives.	8	1, 3, 4, 5		
				9	1		
4.0 GUIDANCE ON THE	4.1 PRESENTATION		For clarity and ease of reference, the EIS should be presented in the same order as				
PRESENTATION OF THE ENVIRONMENTAL IMPACT			the EIS Guidelines. However, the NIRB recognizes that flexibility in the				
STATEMENT AL IMPACT			arrangement of the document may be required and the Proponent is encouraged to				
STATEMENT			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	All	All	All	All
			information requested in these Guidelines are provided. In the interest of brevity,		All	All	All
			the EIS should make reference to, rather than repeat, information that may be				
			presented in other sections of the document.				
4.0 GUIDANCE ON THE	4.1 PRESENTATION		An index of the EIS document is also required and must provide a reference to the				
PRESENTATION OF THE			locations of required information by volume, section, sub-section, and page	1	Appendices V1-7, V1-8	All	All
ENVIRONMENTAL IMPACT			number.	'	Appendices v1-7, v1-6	Att	All
STATEMENT							
4.0 GUIDANCE ON THE	4.1 PRESENTATION		The EIS shall be made available to the NIRB electronically on searchable CD-ROM	-			
PRESENTATION OF THE			and/or memory stick, as well as in hard copy. If the Proponent chooses to submit				, n. r.
ENVIRONMENTAL IMPACT			the EIS via memory stick only, it shall be responsible to provide CD-ROM versions of	-	-	-	N/A
STATEMENT			the EIS if requested by the NIRB or parties.				
4.0 GUIDANCE ON THE	4.1 PRESENTATION		For purposes of uploading distribution, individual file sizes should be no larger than				
PRESENTATION OF THE			5 MB in size (using only low resolution images). If the Proponent determines that				
ENVIRONMENTAL IMPACT			certain files are better presented with larger resolution, then these files should be				
STATEMENT			submitted to the NIRB, however it should be noted that these files may only be	_	_	_	N/A
			distributed by the NIRB upon request, and that in this case, the Proponent may be				10/8
			required to provide hard copy mailings of such items.				
4.0 GUIDANCE ON THE	4.1 PRESENTATION		Where certain volumes or sections of the EIS may exceed the 5 MB limit, the				
PRESENTATION OF THE	4.1 PRESENTATION		Proponent is required to break these files into manageable sizes for submission to				
ENVIRONMENTAL IMPACT			the NIRB, in a manner that facilitates parties' ease of navigation of such files.	-	-	-	N/A
STATEMENT			the Miles, in a mariner that facilitates parties case of havigation of sach files.				
	4.2 CONFORMITY		The FIC shall contain a considerate table discretion and contains to the leasting				
4.0 GUIDANCE ON THE	4.2 CONFORMITY		The EIS shall contain a concordance table directing reviewers to the location				
PRESENTATION OF THE			(volume/document, section, sub-section, and page number) where specific	1	Appendix V1-1	All	All
ENVIRONMENTAL IMPACT STATEMENT			information addressing the Guidelines and the NIRB's Minimum EIS Requirements may be found.		PP		
4.0 GUIDANCE ON THE	4.2 CONFORMITY		For each item in the concordance table, the Proponent is also requested to provide				
PRESENTATION OF THE			a reference to the appropriate EIS Guideline section for the ease of parties'	1	Appendix V1-1	All	All
ENVIRONMENTAL IMPACT			review.	'	Appendix VI I	All	All
STATEMENT							
4.0 GUIDANCE ON THE	4.2 CONFORMITY		This concordance table shall further include, where applicable, an indication of				
PRESENTATION OF THE			what information, details, or data the Proponent has deferred from its current				
ENVIRONMENTAL IMPACT			submission and which it plans to include in the Final EIS. Where the Proponent is	4	Annandiu VII I	AII	ATI
STATEMENT			unable to provide information until submission of a Final EIS, it shall further	ı	Appendix V1-1	All	All
			provide within the concordance table, its rationale for deferring the				
			inclusion of such information.				
4.0 GUIDANCE ON THE	4.2 CONFORMITY		It is possible that the EIS Guidelines include matters that, in the judgement of the				
PRESENTATION OF THE			Proponent, are not relevant or significant to the Project. If that definition of such				
ENVIRONMENTAL IMPACT			matters results in omissions from the EIS, those instances must be clearly indicated				
STATEMENT			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	Noted	_	_	All
			(Guide 7 (NIRB, 2006b) or any subsequent replacement Guide in force at the time	noteu	-	•	All
			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.				
4.0 CHIDANCE ON THE	4 2 LENGTH		The Dressessite ElC Main Descript # - Malarra D. 1. 11.				
4.0 GUIDANCE ON THE	4.3 LENGTH		The Proponent's EIS Main Document (i.e., Volume I) shall be concise and not				
PRESENTATION OF THE			exceed 150 pages without permission from the NIRB. The 150 page limit shall not				
ENVIRONMENTAL IMPACT STATEMENT			include: the Title Page, Executive Summary, Popular Summary, Glossary, Table of	1	All	All	All
STATEMENT			Contents, Concordance Table, Consultants and Organizations, Appendix, and References.				
4.0 GUIDANCE ON THE	4.3 LENGTH		Any data of a detailed nature shall be contained in separate volumes as appendices				
PRESENTATION OF THE			and technical reports submitted in support of the main document.	2, 3, 4, 5, 6, 7, 8,	All	All	All
ENVIRONMENTAL IMPACT				9, 10	All	All	All
STATEMENT							

Table V1-1A. Table of Conformity

Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
		Subsection		reis volume	гыз спарсег	FEI3 SECTION	rage 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	JIA	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	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.	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
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 1-10, 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
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	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

Table V1-1A. Table of Conformity

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Guidelines Section	Section	Subsection	- Guidelines Text	FEIS Volume	FFIS Chantor	FEIS Section	Dago Numbers
4.0 GUIDANCE ON THE	Section 4.4 FORMAT	Subsection	Guidelines Text The EIS shall contain anticipated cumulative effects of the Project on the	LEI2 AOIMWE	FEIS Chapter	LFI? SECTION	Page Numbers
PRESENTATION OF THE	4.4 FURMAT		region/regions.	4	1, 2		1-29 to 1-31, 2-23 to 2-25
ENVIRONMENTAL IMPACT			region/regions.	5	4, 5, 6, 7, 8, 9, 10		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
STATEMENT				6	1, 3, 4, 5, 6, 7	X.6	1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57
				7	2, 3, 4, 5, 6, 7		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
				8	1, 3, 4, 5		1-29, 3-104 to 3-120, 4-60 to 4-78, 5-61
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain anticipated transboundary effects.	4	1, 2		1-31, 2-25
PRESENTATION OF THE			' '	5	4, 5, 6, 7, 8, 9, 10		4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
ENVIRONMENTAL IMPACT				6	1, 4, 5, 6, 7	X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
STATEMENT				7	2, 3, 4, 5, 6, 7		2-41, 3-32, 4-52, 5-34, 6-48, 7-37
				8	1, 3, 4, 5		1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain anticipated accidents and malfunctions, and potential effects	9	3, Appendix V9-3A	All, All	All, All
PRESENTATION OF THE			on the environment, include contingency plans and mitigation measures.				
ENVIRONMENTAL IMPACT STATEMENT				10	3	4.1, 4.3	13 to 17, 27 to 35
STATEMENT					6	8, 9	23 to 31
					14 15	8.4 9	19 to 21 16 to 18
4.0. SUID ANGE ON THE	4.4.5000.4.7		TI FIG. I. II		10	y	10 t0 18
4.0 GUIDANCE ON THE PRESENTATION OF THE	4.4 FORMAT		The EIS shall contain steps which the Proponent proposes to take to avoid and/or	1	7, 10, 11		
ENVIRONMENTAL IMPACT			mitigate adverse impacts, including contingency plans (spills, fires, floods, etc.) and adaptive management strategies.	4	1, 2		
STATEMENT			and adaptive management strategies.	5	4, 5, 6, 7, 8, 9,10		
STATEMENT				6	1, 3, 4, 5, 6, 7	All	All
				/ 8	2, 3, 4, 5, 6, 7 1. 3, 4, 5		
				10	1. 3, 4, 5 All		
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain a statement of residual impacts and significance.				
PRESENTATION OF THE	4.4 FUKMAT		The Lib shall contain a statement of residual impacts and significance.				All
ENVIRONMENTAL IMPACT				1	6, 8	All	1-28 to 1-29, 1-33, 2-23, 2-27
STATEMENT				4	1, 2	1.5.5, 1.10, 2.5.5, 2.10	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
				5	4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7	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	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
				7	2, 3, 4, 5, 6, 7	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	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
				8	1, 3, 4, 5	1.5.5, 1.10, 3.5.6, 3.10, 4.5.5, 4.10, 5.5.5, 5.10	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	4.4 FORMAT		The EIS shall contain steps which the Proponent intends to undertake in order to				
PRESENTATION OF THE			restore the area affected by the Project activities during operation and upon	1	9	All	All
ENVIRONMENTAL IMPACT			project closure, reclamation and relinquishment of leased land to original	2	8	All	All
STATEMENT			landowners.	10	29	3, 4, 5, 6	14 to 29
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain steps which the Proponent proposes to take to optimize				
PRESENTATION OF THE			benefits of the Project, with specific consideration being given to expressed	2	5	All	All
ENVIRONMENTAL IMPACT			community and regional interests.	3	1	1.6.3	1-39 to 1-48
STATEMENT							
4.0 GUIDANCE ON THE PRESENTATION OF THE	4.4 FORMAT		The EIS shall contain the monitoring program that the Proponent proposes to				
ENVIRONMENTAL IMPACT			establish.	10	All	All	All
STATEMENT							
	4.4.50004.5		The EIC shall expect the factor of the lands and out on which the December 1				
4.0 GUIDANCE ON THE PRESENTATION OF THE	4.4 FORMAT		The EIS shall contain the interests in lands and waters which the Proponent has secured, or seeks to secure.				
ENVIRONMENTAL IMPACT			secured, or seeks to secure.	1	Appendix V1-3	All	All
STATEMENT							
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain lists of permits, licences and authorizations required to				
PRESENTATION OF THE	T.T I OIMMI		undertake the Project proposal.				
ENVIRONMENTAL IMPACT			andercane the Project proposati	1	Appendix V1-2	All	All
STATEMENT							
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain a list of consultants or individuals who assisted in preparation				
PRESENTATION OF THE			of the EIS.				
ENVIRONMENTAL IMPACT				1	Appendix V1-4	All	All
STATEMENT							
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain a list of agencies, organizations, and persons to whom copies				
PRESENTATION OF THE			of the EIS will be sent.	_			
ENVIRONMENTAL IMPACT				1	Appendix V1-5	All	All
STATEMENT							
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain an index.				
PRESENTATION OF THE				1	Appendix VA 7	ATI	ATI
ENVIRONMENTAL IMPACT				ı	Appendix V1-7	All	All
STATEMENT							
4.0 GUIDANCE ON THE	4.4 FORMAT		The EIS shall contain supporting documentation and appendices, including a	·			
PRESENTATION OF THE			commitments table that summarizes the proposed mitigation and other	1	Appendix V1-6	All	All
ENVIRONMENTAL IMPACT			company commitments with cross reference to environmental issues or potential	•	Appendix + 1-0	All .	All.
STATEMENT			impacts.				
4.0 GUIDANCE ON THE	4.5 DATA PRESENTATION		The Proponent shall provide charts, diagrams, photographs, and maps (each of				
PRESENTATION OF THE			which clearly defines land ownership, provides a scale and indicates a north arrow)		All	All	All
ENVIRONMENTAL IMPACT STATEMENT			within the EIS document.	8, 9, 10	2 222		••••
2. ATEMENT							

Table V1-1A. Table of Conformity

Guidelines Section							
art	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
O GUIDANCE ON THE RESENTATION OF THE VVIRONMENTAL IMPACT CATEMENT	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.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	All	All	All
O GUIDANCE ON THE RESENTATION OF THE IVIRONMENTAL IMPACT TATEMENT	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.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	All	All	All
.0 GUIDANCE ON THE RESENTATION OF THE NVIRONMENTAL IMPACT TATEMENT	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
O GUIDANCE ON THE RESENTATION OF THE IVIRONMENTAL IMPACT 'ATEMENT	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
O GUIDANCE ON THE ESENTATION OF THE VIRONMENTAL IMPACT ATEMENT	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,	Executive Summary	-	N/A
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
INTRODUCTION	5.1 PROPONENT INFORMATION		The Proponent shall specify the mechanisms used to ensure that corporate policies	2	1	1.1	1-1
0 INTRODUCTION	5.1 PROPONENT INFORMATION		are respected. 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
) 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
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
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
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
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
) 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
INTRODUCTION	5.1 PROPONENT INFORMATION		The Proponent shall identify its operations in Arctic and Sub-arctic regions.	2	1	1.2	1-2

Table V1-1A. Table of Conformity

Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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

Table V1-1A. Table of Conformity

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
6.0 PROJECT COMPONENTS AND			The EIS shall include a discussion on how the potential of climate change based on	. 2.5 (5.4	. 2.0 Grapter	. 2.0 500.001	1 452 1141115315
ACTIVITIES			current knowledge and its effects on the physical environment (e.g. hydrological				
			regime, permafrost, coastal processes) has influenced the design, planning and	2	2	2.1.2	2-1
			management of the Project components and activities. Identification of Project sensitivity to changes in specific climate-related parameters should also be	9	2	2.15, 2.16	2-18 to 2-19, 2-19
			included.				
6.0 PROJECT COMPONENTS AND	6.1 PROJECT DESIGN		The EIS shall include a discussion of how design, engineering, and management				
ACTIVITIES			plans will maintain/enhance the existing eco-systemic integrity, focusing on	10	1	1	1-1 to 1-3
			various wildlife habitats, including freshwater habitat, marine habitat, and terrestrial habitat.	10	20	6	7 to 47
6.0 PROJECT COMPONENTS AND	6 1 DDO IECT DESIGN		The EIS shall include a discussion of how the Proponent has applied the	2	2	2.1.4	224-22
ACTIVITIES	0.1 FROJECT DESIGN		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	6.1 PROJECT DESIGN		The EIS shall include a discussion of how potential impacts to workers and the		2		
ACTIVITIES			public under both normal operations and potential accident and malfunction	10	3 25	All All	All All
6.0 PROJECT COMPONENTS AND 6	(4 DDO IECT DECICH		situations have influenced the design of the Project.			,	,
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	5	5, 6, 7, 8, 9, 10	X.5.3, 5.5.8	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
			location of project components. Special attention should be paid to the influence	7	6, 7	6.5.3, 7.5.3	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
			of raptor habitat on the selection of borrow pits and quarry sites (where applicable).				0 30 to 0 37, 7 34 to 7 30
6.0 PROJECT COMPONENTS AND	4 1 DDO IECT DECICN		The EIS shall describe how regional socio-economic conditions have influenced				
ACTIVITIES	0.1 PROJECT DESIGN		the Project design. For example, how local preferences and labour capacity,	2	2, 4	2.1.7, 4.1.6	2-4 to 2-5, 4-3
			have influenced the design of work rotations, pace of construction, employment	8 10	3, 4 28	All	All 10 to 18
			policy, etc.	10	28	7.1.3, 7.1.4, 7.1.5, 7.2, 7.3	10 to 18
6.0 PROJECT COMPONENTS AND 6 ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall describe how the distribution of archaeological resources, sacred	2	2	2.1.8	2-5
ACTIVITIES			sites, and soapstone quarries have influenced project design.	5 8	1 1	1.2 1.5, Appendix V8-1A	1-14 to 1-15 1-15 to 1-29, All
6.0 PROJECT COMPONENTS AND	6.1 PROJECT DESIGN		The EIS shall describe how current land use activities such as harvesting, camping,	5	5, 6, 7, 8, 9, 10	X.5.3, 5.5.8	5-145, 5-147, 6-56, 7-40, 8-58, 9-50, 10-45
ACTIVITIES			and tourism, as well as protected areas (i.e. Bird and Wildlife Sanctuaries) have	7	5, 6, 7	5.5.3, 6.5.3, 7.5.3	5-29 to 5-31, 6-36 to 6-39, 7-34 to 7-36
			influenced project design.	8	4	4.1, 4.2, 4.3	4-1 to 4-33
6.0 PROJECT COMPONENTS AND 6 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 6 ACTIVITIES	6.1 PROJECT DESIGN		The EIS shall include considerations for future development.	2	3	All	All
6.0 PROJECT COMPONENTS AND	6.1 PROJECT DESIGN		All assumptions underlying design features which are relevant to environmental				
ACTIVITIES			assessment should be explicitly identified.			2.1	1-31 to 1-33, 2-1, 3-41
				2	2	1.1, 1.2, 1.5.2.2, 2.1.1, 3.4.1.2	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,
				4	1, 2, 3	X.8 X.8	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
				5, 6, 7, 8	X	X.8	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,
				9	2	X.8	1-29 to 1-30, 3-124 to 3-128, 4-82 to 4-84, 5-61 All
						All	
6.0 PROJECT COMPONENTS AND 6	6 2 DDO IFCT DHASES		The Proponent is required to present an overall development plan describing the				
ACTIVITIES	0.2 FROJECT FITAJES		Project development phases (site preparation, construction, operation,				
			maintenance, any potential modifications, temporary closure, final closure, and	2	2	2.2, All	2-6, 6-1 to 8-10
			post-closure), relevant timeframes, works and undertakings associated with each of these phases.				
6.0 PROJECT COMPONENTS AND	4 2 DDO IECT DUASES		The plan must consideration for temporary closure, or care & maintenance in the				
ACTIVITIES	0.2 PROJECT PHASES		possibility that operations are unexpectedly suspended.	10	29	3	14 to 17
6.0 PROJECT COMPONENTS AND	6.2 PROJECT PHASES		The Proponent should identify all associated monitoring and/or mitigation plans to				
ACTIVITIES			be implemented in each of the development phases to eliminate or minimize	10	1	13	15 to 20
			adverse effects that might occur at various project stages for each Project element.	10	·	13	13 to 20
6.0 PROJECT COMPONENTS AND	6.3 FUTURE		The Proponent shall describe its plans for development of the Project, and shall				
ACTIVITIES	DEVELOPMENT		further, evaluate any foreseeable expansions of the current Project, needs for				
			required or additional infrastructure and the associated eco-systematic and	2	3	All	All
			socio-economic impacts.				
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	2	3	All	All
			business and strategic plans for the Project, other predictions and the comparable	-	5	CIII.	THE STATE OF THE S
			development realized by projects of a similar nature.				
6.0 PROJECT COMPONENTS AND	6.3 FUTURE		The Proponent shall discuss how their foreseeable future developments scenarios				
ACTIVITIES	DEVELOPMENT		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	6.3 FUTURE			1	8	ΔΙΙ	ΔΙΙ
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, <u>1.3.4.2</u>	All 1-39 to 1-49

Table V1-1A. Table of Conformity

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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			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			iv. Options for quarry sites,	2	4	4.3.2	4-23 to 4-24
6.0 PROJECT COMPONENTS AND ACTIVITIES			v. Options for water sources,	2	4	4.3.4.1	4-24 to 4-25
6.0 PROJECT COMPONENTS AND ACTIVITIES			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			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			viii. Alternatives for processing the ore,	2	4	4.2.4	4-9 to 4-11
6.0 PROJECT COMPONENTS AND ACTIVITIES			ix. Alternatives for cyanide,	2	4	4.2.4.2, 4.2.9.5	4-10, 4-21
6.0 PROJECT COMPONENTS AND ACTIVITIES			x. Alternatives for tailings storage,	2	4	4.2.5	4-11 to 4-16
6.0 PROJECT COMPONENTS AND ACTIVITIES			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			xii. Closure and reclamation options,	2	4	4.2.11	4-22 to 4-23
6.0 PROJECT COMPONENTS AND ACTIVITIES			xiii. Mine waste management and disposal,	2	4	4.2.6	4-16 to 4-18
6.0 PROJECT COMPONENTS AND ACTIVITIES			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			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			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			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

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Table VI-TA, Table of Collic			1				
Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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	<u>4-1 to 4-29</u> , All, All
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	<u>4-1 to 4-3</u> , 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	<u>All</u> 1.3.4, 1.3.5	<u>4-1 to 4-29</u> 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	<u>4-2 to 4-3,</u> 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	<u>3.5.2</u> , Appendix V8-3B	<u>3-46 to 3-48</u> , All
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		 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 <u>3.5.3.1</u>	5-1, 6-40 <u>3-48 to 3-61</u>
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING ENVIRONMENT		 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,	10	4	6.2, 6.3, 6.4, 6.5	4 to 11
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

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		xiii. Employee housing, including number of employees expected to be residing				
ACTIVITIES	OPERATING		onsite or in workers' camp(s), on-site services and facilities for workers,	2	5	5.6	5-2
(O DDO JECT COMPONENTS AND	ENVIRONMENT		transportation to/from work and proposed work schedule,				
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING		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-	2	5	<u>5.6</u>	<u>5-2 to 5-3</u>
	ENVIRONMENT		community liaison workers,	10	26	4, <u>Table 7.1-1</u>	4, <u>5</u>
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		xv. An outline the scope, progress, and potential success of the development of an				
ACTIVITIES	OPERATING		Inuit Impact and Benefit Agreement (IIBA) with the Kitikmeot Inuit Association.	2	5	5.8	5-3
	ENVIRONMENT		Discussion of potential IIBA negotiations should consider all potentially impacted communities within the RSA,	-	,	3.0	33
(A DDO IECT COMPONENTS AND	6.5 ECONOMIC AND		· · · · · · · · · · · · · · · · · · ·				
6.0 PROJECT COMPONENTS AND ACTIVITIES	OPERATING		xvi. For issues within the IIBA that are not made public, the Proponent should outline how they will facilitate cooperation while maintaining any confidentiality,	2	5	5.8, 5.9	5-3
	ENVIRONMENT		and	3	1	1.5.3.3	1-33
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		xvii. Any issues related to compensation required as a result of the Project.				
ACTIVITIES	OPERATING			2	5	5.9	5-3 to 6.1
(a ppo jest soupovieves avia	ENVIRONMENT						
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING		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				
7.01171125	ENVIRONMENT		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,	8	3	3.5.2.2, Figure 3.5-2, Figure 3.5-4, Figure 3.5-5	<u>3-47 to 3-48, 3-53, 3-58, 3-59</u>
			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.				
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		With respect to overall operating environment, many governance structures or				
ACTIVITIES	OPERATING		other social components relating to community and territorial leadership can come				
	ENVIRONMENT		to bear upon an operator such as Sabina. It is important to understand the Project	2	_		52. 44
			in terms of the environment in which it operates. The Proponent shall therefore	2	5	5.9	5-3 to 6.1
			provide the following as it relates to governance and leadership in terms of the Project development:				
(O DDO IECT COMPONENTS AND	(E ECONOMIC AND		, ,				
6.0 PROJECT COMPONENTS AND ACTIVITIES	6.5 ECONOMIC AND OPERATING		 i. A description of the current social and governmental regimes in the Project region, structure and functions of the governments, Inuit organizations, other co- 				
7.61111125	ENVIRONMENT		management organizations and interactions among those organizations,	8	3	Appendix V8-3A	All
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		ii. A discussion of how potential conflict of interest will be managed in current				
ACTIVITIES	OPERATING ENVIRONMENT		governance regime during Project development,	2	5	5.9	5-3 to 6.1
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		iii. A discussion of how Project planning meets the needs of regional economic				
ACTIVITIES	OPERATING		development plans (community wellness initiatives, Hamlet programs, housing				
	ENVIRONMENT		etc.), where applicable, and which are managed by Federal and territorial	8	3	Appendix V8-3A	All
			governments agencies and Inuit organizations,				
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		iv. A description of the Proponent's understanding on the roles that governments				
ACTIVITIES	OPERATING ENVIRONMENT		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	6.5 ECONOMIC AND		v. A description of the roles of the various parties in socio-economic monitoring				
ACTIVITIES	OPERATING		programs and the Kitikmeot Socio-Economic Monitoring Committee, and a				
	ENVIRONMENT		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		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,				
ACTIVITIES	ENVIRONMENT		community facility development, and other initiatives planned by the Proponent,	10	28	7.3	15 to 18
			and				
6.0 PROJECT COMPONENTS AND	6.5 ECONOMIC AND		vii. Other social and economic responsibilities of governments in the Project				
ACTIVITIES	OPERATING		impacted regions.	2	5	5.9	5-3 to 6.1
(A DDO IECT COMPONENTS	ENVIRONMENT		The December half describe the Decimber				
6.0 PROJECT COMPONENTS AND ACTIVITIES	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				
	OSAL DESCRIPTION		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	2	All	All	All
			operations phase based on exploration results, temporary closure, final closure,				
			and post closure activities.				
6.0 PROJECT COMPONENTS AND	6.6 DETAILED PROJECT		The description must include an approximate timeline for each Project component				
	PROPOSAL DESCRIPTION		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			The description shall also include changes that may occur in the vicinity as a	2	2	2.1	2-1 to 2-6
ACTIVITIES F	PROPOSAL DESCRIPTION		consequence of the Project.	10	8	5, Appendix B	20 to 27, All

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
6.0 PROJECT COMPONENTS AN ACTIVITIES	D 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	2	All	411	All .
ACTIVITIES	PROPOSAL DESCRIPTION		quantitative limits to be applied, those documents must be cited and may be	2 10	All All	All All	All All
			included as appendices to the EIS.			· · ·	•••
6.0 PROJECT COMPONENTS AN			For greater clarity, the detailed description of Project components and activities,				2-1 to 2-6
ACTIVITIES	PROPOSAL DESCRIPTION		where appropriate, shall cross-reference the impact assessment, environmental management and overall development plan sections of the EIS.	2	2	2.1	8-2 to 8-6
6.0 PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.1 Mine Sites on	, ,				
ACTIVITIES	PROPOSAL DESCRIPTION			2	6	All	All
		and George Property		2	U	All	All
6.0 PROJECT COMPONENTS AN	D 6 6 DETAILED PROJECT	6.6.1.1	The Proponent shall describe the ore resources at each of the proposed mine sites,				
ACTIVITIES			including where appropriate:	2	7	7.4	74742
		y of the Ore		2	1	7.1	7-1 to 7-13
6.0 PROJECT COMPONENTS AN	D / / DETAILED DDO IECT	Deposit 6.6.1.1	i Donasis I continue in alluding detailed many of the mine site agent using latitude				
ACTIVITIES			i. Deposit locations, including detailed maps of the mine site areas using latitude and longitude coordinates,				
		y of the Ore		2	7	7.1	7-1 to 7-13
		Deposit					
6.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralog	ii. Detailed structural geology maps,				
- ::::: ==	ISAE DESCRIPTION	y of the Ore	1	2	7	7.1	7-1 to 7-13
		Deposit					
6.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.1	iii. The bedrock lithology and mineralogy in the Project area,				
ACTIVITIES	PROPOSAL DESCRIPTION	y of the Ore		2	7	7.1	7-1 to 7-13
		Deposit					
6.0 PROJECT COMPONENTS AN		6.6.1.1	iv. A description of the overburden including texture/grain size, moisture/ice				
ACTIVITIES	PROPOSAL DESCRIPTION	y of the Ore	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
		Deposit					
6.0 PROJECT COMPONENTS AN		6.6.1.1	v. Fractures and their implications to the Project,				
ACTIVITIES	PROPOSAL DESCRIPTION	Geology/Mineralog y of the Ore		2	7	7.1.2.2, 7.1.3, 7.1.5	7-6, 7-7 to 7-8, 7-10 to 7-13
		Deposit					
6.0 PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.1.1	vi. Types of the deposits and associated bedrocks,				
ACTIVITIES	PROPOSAL DESCRIPTION		3	2	2	2.1	2-1 to 2-6
		y of the Ore Deposit		5	1	1.1	1-1 to 1-14
6.0 PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.1.1	vii. Average and range of ore grades estimated for the deposits,				
ACTIVITIES	PROPOSAL DESCRIPTION		3	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
		y of the Ore Deposit		-	•	711.2, 7.2.3, 7.2.0.1	7 3 60 7 7, 7 11 60 7 13, 7 20 60 7 27
6.0 PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.1.1	viii. The nature, depth, and thickness of the ore deposits to be mined,				
ACTIVITIES	PROPOSAL DESCRIPTION	Geology/Mineralog	3	2	7	7.1.2	7-5 to 7-7
		y of the Ore Deposit		2	1	7.1.2	7-3 (0 7-7
6.0 PROJECT COMPONENTS AN	D 6 6 DETAILED PROJECT		ix. The mineralogy and geochemistry of ore and waste rock including acid rock				
ACTIVITIES	PROPOSAL DESCRIPTION	Geology/Mineralog	drainage	2	2, 7	0.4 7075	04.04.70
		y of the Ore	(ARD) and metal leaching (ML) potential as well as the acid neutralizing potential,	5	2	2.1, 7.2.7.5, 7.2.8.3	2-1 to 2-6, 7-29
6 O DDO IECT COMPONENTS AN	D 6 6 DETAILED DROJECT	Deposit 6.6.1.1	and x. Ore body delineation.				
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.1.1 Geology/Mineralog					
		y of the Ore		2	7	7.1.2	7-5 to 7-7
/ 0 DD0 IECT COURSUITIES	D / / DETAILED 220 IEST	Deposit	The Boson and the Holes with a the constraint of				
6.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and	The Proponent shall describe the ore mining, transportation and processing associated with the Project, using maps and diagrams whenever applicable,	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
		Processing	including the following details:	-	1, 7	11200 1120 117	1 11 60 1 105, 7 13 60 7 20, 7 70 60 7 72
6.0 PROJECT COMPONENTS AN		6.6.1.2 Mining,	i. A mining plan indicating the sequence of development for the proposed open				
ACTIVITIES	PROPOSAL DESCRIPTION	Transport and Processing	pits and underground mines at Goose and George properties,	2	7	7.2.3	7-14 to 7-15
6.0 PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.1.2 Mining,	ii. A description of the open pits and underground mine design, mining methods,				
ACTIVITIES	PROPOSAL DESCRIPTION	Transport and	operation, and processing including site layout, mine water management,				
		Processing	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
			equipment selection, energy consumption and energy enricency measures,				
6.0 PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.1.2 Mining,	iii. Provision and description of flow sheets depicting ore processing, material				
ACTIVITIES	PROPOSAL DESCRIPTION	Transport and	flow and waste stream, energy consumption and water consumption,	2	7	7.8	7-35 to 7-40
		Processing					

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nrt	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	iv. A description of the hydrogeological conditions (i.e. permeability of geological				
TIVITIES	PROPOSAL DESCRIPTION	Transport and	formations, hydraulic head and groundwater flow direction,) of the open pits and				
		Processing	the underground mines, including estimates of the variance in permeability and				
			groundwater flow, and implications of geological anomalies such as fault zones,	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
			weak rock formations or areas of higher than expected groundwater flow on the	-	•	7.1.3, 7.1.1, 7.2.1.3, 7.2.1.1, 7.2.3.1, 7.2.0, Appendix 12 7A	7 7 60 7 10, 7 10 60 7 17, 7 22, 7 21 60 7 20, AR
			design of the open pits and underground mining facilities and implications of				
			hydrological conditions on nearby surface waters,				
DDO IECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	v. A discussion on hour paymatures and dising (account the wing talily				
TIVITIES	PROPOSAL DESCRIPTION	Transport and	v. A discussion on how permafrost conditions (seasonal thawing, taliks, degradation due to mining disturbances) were considered in the design of the open	2	7	724725	7.45 (- 7.24
TIVITIES	FROFOSAL DESCRIFTION	Processing	pits and underground mining facilities,	2	/	7.2.4, 7.2.5	7-15 to 7-24
DDO JECT COUROVENITS AND	D / / DET / U ED DDO JEST						
PROJECT COMPONENTS AN	PROPOSAL DESCRIPTION	6.6.1.2 Mining,	vi. A stability analysis of the pit slopes and underground mine works and	_	_		
TIVITIES	PROPOSAL DESCRIPTION	Transport and Processing	provision of adequate ground control measures where necessary,	2	7	7.2.4, 7.2.5	7-15 to 7-24
	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	vii. Design of the impoundment/retention structures and measures for run-off and				
TIVITIES	PROPOSAL DESCRIPTION	Transport and	seepage control,	2	7	7.2.4.4, 7.2.8.4	7-19 to 7-20, 7-29 to 7-30
		Processing					
	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	viii. Design of the mine ventilation for the underground mine,				
TIVITIES	PROPOSAL DESCRIPTION	Transport and		2	7	7.2.5.3	7-22
		Processing					
	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	ix. Daily and yearly average extraction rate(s) and quantities of ore and	<u> </u>			
IVITIES	PROPOSAL DESCRIPTION	Transport and	waste rock produced,	2	7	7.2.3	7-16 to 7-15
		Processing					
PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	x. Cut-off grades in grams per tonne for precious metals (i.e. gold and silver) and				
TIVITIES	PROPOSAL DESCRIPTION	Transport and	in percent for any base metals (i.e. copper), for ore and low grade material that				
		Processing	could be processed at some point in the future, based on current economic	2	7	7.2.3.1	7-15
		-	conditions or reasoned projections,				
PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	xi. The means of drilling, blasting, extraction, loading and transport of ore,				
TIVITIES	PROPOSAL DESCRIPTION	Transport and		2	7	7.2.4.1, 7.2.5.2	7-15 to 7-18, 7-20 to 7-22
· ·		Processing		4	,	1.2.7.1, 1.2.3.2	7 13 to 7-10, 7-20 to 7-22
DDO IECT COMPONIEMTS AND	ID 6 6 DETAILED DOOLECT		vii Dorign location and canacity of run of the mine stocknile if any and are				
FIVITIES	ID 6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and	xii. Design, location and capacity of run-of the mine stockpile, if any, and ore stockpile facilities,	2	7	7.2.8.1, 7.2.8.2	7-28 to 7-29
ITIIILJ	I NOFOSAL DESCRIFTION	Processing	stockpite racificies,	10	8	3	8-2 to 8-6
DDO IECT COMPONENTS	D // DET/II == === :==		1				
PROJECT COMPONENTS AN		6.6.1.2 Mining,	xiii. Dust suppression technologies and dust suppressants to be used in	_	_		
TIVITIES	PROPOSAL DESCRIPTION	Transport and	mining, loading, transportation, storage, crushing and other processes where dust	2	7	7.2.8.2	7-29
		Processing	might be generated,				
PROJECT COMPONENTS AN		6.6.1.2 Mining,	xiv. A review of similar operations elsewhere in similar settings, with a discussion				
TIVITIES	PROPOSAL DESCRIPTION	Transport and	of the results of research on the long-term stability of the underlying permafrost	2	7	<u>7.2.1</u>	7 12 +0 7 14
		Processing	and frozen materials, as well as the implications to Project planning and design,	4	,	<u>/.2.1</u>	<u>7-13 to 7-14</u>
PROJECT COMPONENTS AN		6.6.1.2 Mining,	xv. Measures and plans to control natural hazards and/or mitigate their				
TIVITIES	PROPOSAL DESCRIPTION	Transport and	impacts on the Project, such as rock falls and collapses, extreme climate events,	2	7	722 7244 7242 7252 7252	7.44. 7.45 - 7.40. 7.20 - 7.22
		Processing	and other geological or geomorphological events (e.g., storm, flooding, and	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
			earthquake),				
PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.1.2 Mining,	xvi. Provision of a comprehensive description of the proposed mill design,				
TIVITIES	PROPOSAL DESCRIPTION	Transport and	including: facilities and structures include plant layout plans, mill process and				
		Processing	operations for ore processing, reagents used, water management strategies	2	7	7.8, 7.9, 7.10	7-35 to 7-48
			(including methods to maximize water re-use, minimize takings of natural	-	,	1.0, 1.7, 1.10	, 55 to 1 40
			waters and energy consumption), and				
DDO IECT COMPONICNTS AND	ID 44 DETAILED DDO IFCT	4 4 1 2 Minim.					
PROJECT COMPONENTS AN IVITIES	ID 6.6 DETAILED PROJECT PROPOSAL DESCRIPTION	6.6.1.2 Mining, Transport and	xvii. A discussion of proposed options for transporting the final gold product off	2	7	7.00	7.30
IVIIIES	F KUPUSAL DESCRIPTION		site.	2	7	7.8.9	7-39
DO IECT CONTOURS	D // DET/II == === :==	Processing					
	ID 6.6 DETAILED PROJECT	6.6.1.3 Ore	The Proponent shall, in connection with its Ore Storage Management Plan				
TIVITIES	PROPOSAL DESCRIPTION	Stockpile Facilities	s (Subsection 9.4.5), present details on the ore stockpile facilities associated	2	7	7.2.8.1, 7.2.8.2	7-28 to 7-29
			with the Project, using maps and diagrams whenever applicable, and include	10	8	3	2 to 6
			the following:				
	ID 6.6 DETAILED PROJECT	6.6.1.3 Ore	i. Anticipated quantities and grade of ore extracted, including daily and yearly				
TIVITIES	PROPOSAL DESCRIPTION	Stockpile Facilities	s average extraction rates,	2	7	Table 7.2.1	7-16
PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.1.3 Ore	ii. A description of the ore grade handling, including the design, locations and				
IVITIES	PROPOSAL DESCRIPTION	Stockpile Facilities	s capacities of the stockpile site(s). The Proponent shall include references to	2	-	<u>7.2.8</u>	700, 700
			similar operations in comparable conditions, applicable modelling information, and	2	7	3.4	<u>7-28 to 7-30</u>
			the results of research on the short and long-term thermal stability of the	10	8	5.1	4 to 5
			underlying permafrost and frozen materials,				
DDO IECT COMPONIENTS AND	ID 6.6 DETAILED PROJECT	6.6.1.3 Ore	· · · · · · · · · · · · · · · · · · ·				
TIVITIES			iii. A description of the physical and chemical stability of the ore material to be s stored, with regard to the long-term ARD and ML potential of the ore material.				
ITIIILJ	I NOFOSAL DESCRIPTION	Stockhire Lacitifies	Consideration should be given to the latest monitoring results from mines in the	10	8	<u>3.1</u> , <u>3.2</u>	<u>2, 2</u>
			consideration should be given to the latest monitoring results from mines in the same general climatic conditions,	-	-		~ −
	ID 6.6 DETAILED PROJECT	6.6.1.3 Ore	iv. Explanation of the relationship between the timing of ARD/ML and permafrost	2	7	Appendix V2-7D, Appendix V2-7E	All, All
TVITIES	PROPOSAL DESCRIPTION	Stockpile Facilities	s encapsulation in cold weather conditions, with consideration for potential climate	10	22	3, 4	2 to 10
TIVITIES			change, and				

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uidelines Section						
t source source	Section Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
PROJECT COMPONENTS AN TIVITIES	ID 6.6 DETAILED PROJECT 6.6.1.3 Ore PROPOSAL DESCRIPTION Stockpile Facilities	v. A description of run-off and seepage prevention/control structures.	2	7	7.2.8.4	7-29
PROJECT COMPONENTS AN TIVITIES	D 6.6 DETAILED PROJECT 6.6.1.4 Water PROPOSAL DESCRIPTION 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
PROJECT COMPONENTS AN TIVITIES	ID 6.6 DETAILED PROJECT 6.6.1.4 Water PROPOSAL DESCRIPTION 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
PROJECT COMPONENTS AN IVITIES	D 6.6 DETAILED PROJECT 6.6.1.4 Water PROPOSAL DESCRIPTION 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
PROJECT COMPONENTS AN IVITIES	ID 6.6 DETAILED PROJECT 6.6.1.4 Water PROPOSAL DESCRIPTION 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)	<u>35 to 36</u>
PROJECT COMPONENTS AN IVITIES	ID 6.6 DETAILED PROJECT 6.6.1.4 Water PROPOSAL DESCRIPTION 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 <u>3.2.1</u>	7-42 to 7-43 <u>4 to 5</u>
PROJECT COMPONENTS AN IVITIES	D 6.6 DETAILED PROJECT 6.6.1.4 Water PROPOSAL DESCRIPTION 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
TIVITIES	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	<u>6.6.1.6</u>	<u>6-21</u>
) PROJECT COMPONENTS AN TIVITIES	ID 6.6 DETAILED PROJECT 6.6.1.4 Water PROPOSAL DESCRIPTION Supply and Water Treatment Facilities	vii. A description of plans to recycle or re-use water resources.	2	9	9.2.2	9-4
0 PROJECT COMPONENTS AN TIVITIES		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
PROJECT COMPONENTS AN TIVITIES	ID 6.6 DETAILED PROJECT 6.6.1.5 Natural PROPOSAL DESCRIPTION Drainage Diversion	 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
PROJECT COMPONENTS AN FIVITIES	ID 6.6 DETAILED PROJECT 6.6.1.5 Natural PROPOSAL DESCRIPTION Drainage Diversion	ii. A discussion of measures to prevent or mitigate sedimentation within these diverted flows,	10	19	6.1.2	<u>4 to 8</u>
PROJECT COMPONENTS AN FIVITIES		iii. A discussion of potential challenges anticipated in constructing drainage diversions including seasonal effects (e.g. melting ice lenses),	10	7	<u>3.5.4</u>	23
) PROJECT COMPONENTS AN TIVITIES	ND 6.6 DETAILED PROJECT 6.6.1.5 Natural PROPOSAL DESCRIPTION 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, <u>4.5.3</u> , 4.5.4.1, 5.5.4.3	4-29 to 4-31, 4-37, <u>4-38 to 4-45</u> , 4-45, 5-33 to 5-55
TIVITIES	PROPOSAL DESCRIPTION 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	<u>1.5</u> , 1.9, 4.5.4.2, 4.5.4.3, Appendix V6-4A	<u>1-41 to 1-55</u> , 1-57 to 1-58, 4-46 to 4-47, 4-47 to 4-56, All
TIVITIES	ID 6.6 DETAILED PROJECT 6.6.1.6 Mine De- PROPOSAL DESCRIPTION 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
IVITIES	ID 6.6 DETAILED PROJECT 6.6.1.6 Mine De- PROPOSAL DESCRIPTION Watering	 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
TIVITIES	ID 6.6 DETAILED PROJECT 6.6.1.6 Mine De- PROPOSAL DESCRIPTION Watering	 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
IVITIES	ID 6.6 DETAILED PROJECT 6.6.1.6 Mine De- PROPOSAL DESCRIPTION Watering	 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
PROJECT COMPONENTS AN	ND 6.6 DETAILED PROJECT 6.6.1.6 Mine De- PROPOSAL DESCRIPTION Watering	iv. Estimates of average mine water volumes, methods used to calculate volumes, and discussion of potential uses for mine water,			7.2.4.4, Appendix V2-7H, Appendix V2-7I	7-19 to 7-20, All, All

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Cuidelines Continu							
Guidelines Section	Carti	Cuber -+*	Cuidelie T	EEIC Valerer	FFIC Charter	FFIC Casting	Dama Murah
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
6.0 PROJECT COMPONENTS AN ACTIVITIES	D 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	<u>Appendix V2-7A (6.2)</u> , Appendix V2-7I (3.3) 8.2	20 to 21, 11 to 12 48
6.0 PROJECT COMPONENTS AN ACTIVITIES	D 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 AN ACTIVITIES	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 AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	* · · · · · · · · · · · · · · · · · · ·	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 AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	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
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities		2	4, 6	4.3.2.3, 6.3.3.2	4-17, 6-4 to 6-5
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	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 AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	including predicted non-project and/or private uses,	2	6	6.4	6-5 to 6-14
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	and any hazardous products,	2	6	6.4.6	6-11 to 6-12
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities		2	6	6.4.3, 6.4.5.6	6-7 to 6-8, 6-11
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	facility,	2	6	6.4.7, 6.5.4	6-12, 6-18
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities	employed,	2	6	6.4.9, 6.6.10	6-12, 6-32
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities		2	6	6.4.10	6-12
6.0 PROJECT COMPONENTS AN ACTIVITIES	PROPOSAL DESCRIPTION	6.6.2 Mine Site Tank Farms, Marine Laydown Area and Storage Facilities		2	8	8.12, 8.13, 8.14	8-7 to 8-8

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
6.0 PROJECT COMPONENTS AN		6.6.3 Waste	The Proponent shall describe the sources, types and quantities of waste predicted	. 2.0 , 5.0	. 2.5 capec.	. 210 0000000	Tage Name of
ACTIVITIES	PROPOSAL DESCRIPTION	Management	to be generated by the Project, and the on-site processes for the collection,				
ACTIVITIES	THOI OSAL DESCRIPTION	Facilities	handling and disposing of wastes generated by the Project including any off-site	2	6, 7	All	All
			disposals. The Proponent shall include the following with cross referencing to	10	9, 10, 11, 12	All	All All
			applicable management plans (Section 9.4) where appropriate:	10	9, 10, 11, 12	All	All
6 0 PROJECT COMPONENTS AN	ID 6 6 DETAILED PROJECT	6 6 3 1 Waste Roc	k i. An inventory of waste rock generated during construction and operation of the				
ACTIVITIES	PROPOSAL DESCRIPTION	Facilities	Project including overburden, waste rock, low grade mineralized material,	2	7	7.12	7-48 to 7-52
			processing wastes, excavated material, and any other related wastes if applicable,	10	9	3	2 to 10
					•	•	
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.1 Waste Roc	k ii. A description of overburden and waste rock handling, including the design,				
ACTIVITIES	PROPOSAL DESCRIPTION	Facilities	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	10	9	<u>3.4</u>	<u>6 to 8</u>
			conditions and climate trends and their consideration in the design of the facility),	10	3	<u>5.+</u>	<u>0 to 0</u>
			and the results of research on the long- term thermal stability of the underlying				
			permafrost and frozen materials,				
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.1 Waste Roc	k iii. A description of the physical and chemical stability of the types of materials to				
ACTIVITIES	PROPOSAL DESCRIPTION	Facilities	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	2	7	7.2.6, Appendix V2-7D	7-24 to 7-26, All
			be given to the latest monitoring results from mines in the same general climatic	10	22	3.2, 3.3, 8	5 to 6, 12 to 13
			conditions,				
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.1 Waste Roc	k iv. Details regarding the ARD and ML characterization of waste rock, the method of				
ACTIVITIES	PROPOSAL DESCRIPTION	Facilities	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	2	7	Appendix V2-7D	<u>7-24 to 7-26, All</u>
			implications to possible use and disposal,				
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.1 Waste Roc	k v. A description, in qualitative and quantitative terms of the chemistry of frozen				
ACTIVITIES	PROPOSAL DESCRIPTION	Facilities	groundwater from joints and fractures in the waste rock disposal area,	2	7	Appendix V2-7H	<u>All</u>
							_
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.1 Waste Roc	k vi. An explanation of the relationship between the timing of ARD and ML and	2	_	A 11 10 70 A 11 10 75	All All
ACTIVITIES	PROPOSAL DESCRIPTION	Facilities	permafrost encapsulation in cold weather conditions, with consideration for	2	7	Appendix V2-7D, Appendix V2-7E	All, All
			potential climate change, and	10	22	<u>3</u> , <u>4</u>	2 to 10
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.1 Waste Roc	k vii. An estimation of the quantities of potential acid generating (PAG) and non-PAG		_		
ACTIVITIES	PROPOSAL DESCRIPTION	Facilities	materials that will be generated and details of the methodology used in classifying	2 10	7	7.2.6 to 7.2.7	7-24 to 7-28
			PAG and non- PAG.	10	22	b	22-4 to 22-8
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.2 Tailings	i. A description of the tailings management facilities design,				
ACTIVITIES	PROPOSAL DESCRIPTION	Management		2	6, 7	6.6.13, Appendix V2-7G	6-33 to 6-40, All
		Facilities					
6.0 PROJECT COMPONENTS AN	ID 6.6 DETAILED PROJECT	6.6.3.2 Tailings	ii. A description of how geotechnical factors, geological characteristics				
ACTIVITIES	PROPOSAL DESCRIPTION	Management	(weak rock formations, fault zones and their hydrogeological characteristics), and	2	,	6.6.13, Appendix V2-7G, Appendix V2-7A	<u>6-33 to 6-40,</u> All, All
		Facilities	permafrost conditions (seasonal thawing, taliks, degradation due to tailings	10	0 Q	**	
			disposal, and long-term evolution) were considered in the design of the tailings	10	,	<u>2.4.1</u>	<u>2-21 to 2-22</u>
			management facility(ies),				
6.0 PROJECT COMPONENTS AN		6.6.3.2 Tailings	iii. A description of how the general climate conditions including climate trends	2	6	6.6.13	6-33 to 6-40
ACTIVITIES	PROPOSAL DESCRIPTION	Management	were considered in the design of the tailings management facilities (e.g.,	9	2	2.2, 2.16	2-1 to 2-7, 2-19
		Facilities	prevention of ice formation),			Appendix V4-3B, Appendix V4-3C	All
6.0 PROJECT COMPONENTS AN		6.6.3.2 Tailings					
ACTIVITIES	PROPOSAL DESCRIPTION	Management	management facilities during both operations and post-closure. The Proponent	10	22	3.1	2 to 4
		Facilities	shall include a contingency plan in the event that discharges from the containment	10	29	<u>2.3</u> , <u>5.3</u> , <u>5.6</u>	<u>11</u> , <u>21 to 22</u> , <u>23 to 24</u>
			area do not meet licensing criteria,				
6.0 PROJECT COMPONENTS AN		6.6.3.2 Tailings	v. A description of seepage and run-off prevention and control structures and				
ACTIVITIES	PROPOSAL DESCRIPTION	Management	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
		Facilities					
6.0 PROJECT COMPONENTS AN		6.6.3.2 Tailings	vi. A description of the tailings chemistry, physical properties (rheology, solid	2	7	7.9	7-40
ACTIVITIES	PROPOSAL DESCRIPTION	Management	content, consolidation density, slurry temperature, volume estimates),	2	2	Appendices V2-7D,Appendix V2-7F	All
		Facilities	mineralogical characteristics and long and short-term ARD and ML potential.		-	· #F	•••
6.0 PROJECT COMPONENTS AN		6.6.3.3 Waste	i. A description of the water treatment process for all major sources of water from				
ACTIVITIES	PROPOSAL DESCRIPTION		the Project, including process effluent, open pit water, underground mine water,	2	4, 6	4.3.3.3, 6.4.13, 6.6, 6.7, 8.11	4-19 to 4-20, 6-13, 6-19 to 6-42, 8-7
		Facilities	site, waste facilities and stockpile drainage/runoff, and sewage/grey waste water,	10	7	3.0	3 to 42
6.0 PROJECT COMPONENTS AN		6.6.3.3 Waste	ii. A description of proposed mine water (i.e. process effluent, open pit water,				
ACTIVITIES	PROPOSAL DESCRIPTION		underground mine water, site and stockpile drainage/runoff) treatment facility to	2	6	6.6.13	6-33 to 6-40
		Facilities	be used, to include amount of treatment sludge production and its management/storage,	10	9	3.2.2, 3.3, 3.6	5, 13 to 14, 26 to 35
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6.0 PROJECT COMPONENTS AN		6.6.3.3 Waste	iii. A discussion related to the treated effluent discharge methods, including the				
ACTIVITIES	PROPOSAL DESCRIPTION		design of the facility, identification of discharge points, the anticipated water				
		Facilities	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	2	6	6.4.13, 6.6.8.1	6-13, 6-29 to 6-30
			in arctic conditions. Include associated implications for regulatory compliance,		-	· · · · · · · · · · · · · · · · · · ·	,
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Guidelines Section					
Part Section Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.3 Waste ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.3 Waste ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.3 Waste ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.3 Waste ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.4 Landfill ACTIVITIES PROPOSAL DESCRIPTION Facilities	 Research results for effectiveness of similar landfill operation facilities in comparable geological regions and climate condition, 	10	10	7.3.2	<u>11</u>
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.4 Landfill ACTIVITIES PROPOSAL DESCRIPTION Facilities	 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	<u>6.2</u> , 7.3.1, <u>7.3.2</u>	<u>8</u> , <u>10 to 11</u>
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.4 Landfill ACTIVITIES PROPOSAL DESCRIPTION Facilities	 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, <u>6.6.8</u>	6-13, 6 <u>-28 to 6-32</u>
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.4 Landfill ACTIVITIES PROPOSAL DESCRIPTION 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, <u>Table 8-1</u>	20 to 21, 23 to 27
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.4 Landfill ACTIVITIES PROPOSAL DESCRIPTION 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, <u>3.4,</u> 3.7.8. 7.4	<u>13 to 19</u> , 42 12
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.4 Landfill ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.5 Hazardous ACTIVITIES PROPOSAL DESCRIPTION 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	12.8, <u>Table 8-1</u>	29, <u>23 to 27</u>
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.5 Hazardous ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.5 Hazardous ACTIVITIES PROPOSAL DESCRIPTION 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	6-27, 6-31, 7-35, 8-7, 9-4 1
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.5 Hazardous ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.5 Hazardous ACTIVITIES PROPOSAL DESCRIPTION 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 6.6 DETAILED PROJECT 6.6.3.6 Camp ACTIVITIES PROPOSAL DESCRIPTION Waste	i. A description of the facilities, technologies and equipment to be used for incineration of domestic waste,	2	6	6.4.14, <u>6.6.8.3</u>	6-13, 6 <u>-30</u>
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.6 Camp ACTIVITIES PROPOSAL DESCRIPTION Waste	 An inventory of domestic waste to be incinerated, including both land-based and ship-based generated wastes, 	2	6	6.4.14, <u>6.6.8</u>	6-13, 6 <u>-28 to 6-32</u>
6.0 PROJECT COMPONENTS AND 6.6 DETAILED PROJECT 6.6.3.6 Camp ACTIVITIES PROPOSAL DESCRIPTION Waste	iii. A description of the methods for disposal of incineration ash, and	2 10	6 11	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 6.6 DETAILED PROJECT 6.6.3.6 Camp ACTIVITIES PROPOSAL DESCRIPTION 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 10	2.1.6 6.1.1, Appendix A	2-4 6 to 7, All
	The Proponent shall describe all ground transportation options, including all- d 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	4, 6, 7 14	6.3.2, 6.4.3, 6.6.2, 7.11 1	6-3 to 6-4, 6-7 to 6-8, 6-21to 6-24, 7-48 1 to 2

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
6.0 PROJECT COMPONENTS AN		6.6.4 Ground	The EIS shall describe and discuss the following in connection with the				
ACTIVITIES	PROPOSAL DESCRIPTION		Roads Management Plan (Subsection 9.4.10), including relevant maps and	2	6, 7	6.3.2, 6.4.3, 6.6.2, 7.11	6-3 to 6-4, 6-7 to 6-8, 6-21to 6-24, 7-48
		Crossings	drawings where useful as such pertain to roads as proposed within the scope of the Project:	10	14	All	All
(A DDA JECT COMPONENTS AN	AID // DETAILED DDO IECT						
6.0 PROJECT COMPONENTS AN ACTIVITIES			i. Design specification and features of all roads, including construction methods and schedule, laydown areas, temporary works and construction camps,	2		(22 (12 ((2 7)	(2, (4, (7, (0, (2), (2), 7, (0
ACTIVITIES	FROFOSAL DESCRIPTION	Associated Water		2 10	6, 7 14	6.3.2, 6.4.3, 6.6.2, 7.11	6-3 to 6-4, 6-7 to 6-8, 6-21to 6-24, 7-48 9 to 13
		Crossings	maintenance, water crossings and diversions of watercourses,	10	14	4	9 (0 13
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED DDO IECT		ii. How all aspects of proposed roads including components such as bridges and				
ACTIVITIES			culverts, will be managed and maintained for the life of the Project,	2	6, 7	6.3.2, 6.4.3, 6.6.2, 7.11	6-3 to 6-4, 6-7 to 6-8, 6-21to 6-24, 7-48
		Associated Water		10	14	7	14 to 17
		Crossings		.0		•	
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED PROJECT	6.6.4 Ground	iii. Plans to address additional traffic on any separately constructed road network				
ACTIVITIES	PROPOSAL DESCRIPTION		that may require consideration, should the development of the Back River Project				
		Associated Water	be granted pursuant to NLCA Section 12.5.12,	2	6	6.5	6-14 to 6-19
		Crossings					
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED PROJECT	6.6.4 Ground	iv. Description of any infilling of lake, wetland or stream habitats associated with				
ACTIVITIES	PROPOSAL DESCRIPTION		froad construction where applicable for the Project,	2	4	6.4.3, 6.6.2	6-7 to 6-8, 6-21 to 6-24
		Associated Water		2	0	0.4.3, 0.0.2	0-7 (0 0-8, 0-21 (0 0-24
		Crossings					
6.0 PROJECT COMPONENTS AN			v. Design features and structures planned to protect and facilitate wildlife				
ACTIVITIES	PROPOSAL DESCRIPTION		movement (e.g. caribou crossings and migration routes) and humans that may cross	2	6	6.4.3, 6.6.2	6-7 to 6-8, 6-21 to 6-24
		Associated Water Crossings	Project roads during operations (including ATVs and snowmobiles), including a discussion of plans to prevent/minimize wildlife and human collision-related	5	5	XX	5-1 to 5-249
		Crossings	mortalities,	- -	-	9	21 to 22
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6.0 PROJECT COMPONENTS AN ACTIVITIES	ND 6.6 DETAILED PROJECT PROPOSAL DESCRIPTION		vi. Design features and structures planned to protect and facilitate fish movement				
ACTIVITIES	PROPOSAL DESCRIPTION	Associated Water	and migration,	2	6, 7	All	All
		Crossings					
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED PROJECT		vii. Dust suppression, methods and types of dust suppressants as well as mitigation				
ACTIVITIES			methods for sedimentation during construction and operations,				
7.011711125	1 1101 05/12 5250111 11011	Associated Water	sincerious for seamentation during construction and operations,	2	7	7.2.9	7-30
		Crossings					
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED PROJECT	6.6.4 Ground	viii. How TK has been considered in the selection of the ground transportation				
ACTIVITIES	PROPOSAL DESCRIPTION	Transportation and		2	2	2.1.10	2-6
		Associated Water		3	3	3.3	3-50 to 3-53
		Crossings					
6.0 PROJECT COMPONENTS AN		6.6.4 Ground	ix. The relationship of ground transportation with existing hunting and				
ACTIVITIES	PROPOSAL DESCRIPTION		travelling routes (including those routes in close proximity or intersecting planned	2	2, 6	2.1.9, 6.6.2	2-5, 6-21 to 6-24
			ground transportation roads), and	-	2, 0	2.1.7, 0.0.2	23,0210021
		Crossings					
6.0 PROJECT COMPONENTS AN		6.6.4 Ground	x. The duration, frequency and extent of use of all Project facilities, including				
ACTIVITIES	PROPOSAL DESCRIPTION	Associated Water	consideration given to public access for traditional and/or non-traditional pursuits.	2	2, 6	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
		Crossings					
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED DDO IECT	6.6.5 Marine	The Proponent shall describe all marine shipping associated with the Project, in				
ACTIVITIES	PROPOSAL DESCRIPTION		connection with the Shipping Management Plan (Subsection 9.4.11), including				
7.011711125	1 1101 05/12 5250111 11011	Associated	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
		Facilities					
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED PROJECT	6.6.5 Marine	The description of marine infrastructure and shipping must include the following:				
ACTIVITIES	PROPOSAL DESCRIPTION		The state of the s				
		Associated		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
		Facilities					
6.0 PROJECT COMPONENTS AN	ND 6.6 DETAILED PROJECT	6.6.5 Marine	i. A description of the proposed marine shipping vessels (types, sizes, draft, and				
ACTIVITIES	PROPOSAL DESCRIPTION		numbers of vessels to be used, and the vessel's intended purpose), including any				
		Associated	accommodations barges to be utilized, associated frequency and timeframe for the	2	4.4	4224 4222 422	445.45.47.47.45
		Facilities	shipping season for all project activities during each phase of the Project. Include	2 10	4, 6 15	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 7 to 9
			a discussion on the existing marine traffic volumes along the proposed shipping route(s) in terms of the marine traffic network of the region,	10	15	T	7 (0 7
			route(s) in terms of the marine traffic network of the region,				
6.0 PROJECT COMPONENTS AN		6.6.5 Marine	ii. A clear description and an analysis of the proposed shipping route(s), including				
ACTIVITIES	PROPOSAL DESCRIPTION		route characteristics and navigability, corresponding maps and details regarding	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
		Associated Facilities	bathymetry, navigational aids, other marine traffic using these routes, channel and berthing manoeuvres, anchorage components, etc.,	10	15	1.2	2
		i acititles	enamer and berting manocurres, anchorage components, etc.,				
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6.0 PROJECT COMPONENTS AN		6.6.5 Marine	iii. A description of the transit time and delay review of alternative marine routes,				
ACTIVITIES	PROPOSAL DESCRIPTION	Shipping & Associated		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
		Facilities			•	• • • • • • • • • • • • • • • • • • • •	
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uidelines Section							
rt	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	iv. A discussion on the potential for ice breaking during the planned shipping				
TIVITIES	PROPOSAL DESCRIPTION	Shipping &	season (including the potential for such during break-up in the spring season and	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
		Associated	during freeze- up in the fall season),	10	15	1	1 to 6
		Facilities					
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	v. A description of any plans to overwinter fuel and discuss measures to ensure				
TIVITIES	PROPOSAL DESCRIPTION	Shipping &	compliance with the requirements of the Canada Shipping Act, 2001, Arctic Waters	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
		Associated	Pollution Prevention Act, any associated regulations or relevant guidelines,	10	15	4	7 to 9
		Facilities					
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	vi. Details on the relationship of marine shipping routes and seasons with existing				
TIVITIES	PROPOSAL DESCRIPTION	Shipping &	hunting and travelling routes,	•	-	500 5505	F 40 + F 40 F 2F
		Associated		8	5	5.2.3, 5.5.3.5	5-18 to 5-19, 5-35
		Facilities					
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	vii. A descripton of procedures for avoiding the disturbance of marine			40044000	4
TIVITIES	PROPOSAL DESCRIPTION	Shipping &	mammals, and for undertaking the monitoring of marine mammal occurrence and	2	4, 6	6.3.3.1, 6.3.3.2	6-4 to 6-5
		Associated	behaviour along shipping routes,	10	7 20	7.5.2.2, 7.5.3, 7.8	Vol 7: 7-22 to 7-28, 7-34 to 7-36, 7-37 to 7-40
		Facilities		10	20	6.3, 6.4, 6.5, 7.2.8, 7.2.11, 7.3.8	13 to 22, 68 to 69, 75 to 76, 110 to 112
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	viii. A discussion of how TK has been considered in the selection of the shipping				
IVITIES	PROPOSAL DESCRIPTION	Shipping &	routes, timing of shipping activities, and design of monitoring plans,				
		Associated		2	6	2.1.10, 6.3.3.1, V2-6A	2-6, 6-4, All
		Facilities					
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	ix. A description of the results from bathymetric studies undertaken along				
IVITIES	PROPOSAL DESCRIPTION	Shipping &	the proposed shipping routes. Additional discussion of study results should also				
-		Associated	be included for identified areas where shallow waters and/or strong current exist,	2	4	4.2.2.3, 4.2.8	4-6 to 4-7, 4-18
		Facilities	with consideration given to the size of barges/vessels, and the implications for	7	3, 4	3.1, 4.1.1, 4.1.6	3-1, 4-1, 4-20 to 4-26
			shipping safety,				
DBU IECT CUMBUNIENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	x. Identification of all parties responsible for ensuring safe shipping beyond the				
TVITIES	PROPOSAL DESCRIPTION	Shipping &	immediate port/docking site,				
IVITIES	PROPOSAL DESCRIPTION	Associated	illinediate port/ docking site,	10	15	<u>4.21, 9.1, 12.1, 12.2</u>	<u>7</u> , <u>16 to 17</u> , <u>20 to 21</u>
		Facilities					- ——
PROJECT COMPONENTS AN		6.6.5 Marine	xi. Estimates of the volume of goods/supplies, dangerous goods, fuel, explosives				
IVITIES	PROPOSAL DESCRIPTION	Shipping &	and equipment to be transported and associated protocols with shipping these	2	6	6.4.5, 6.4.6	6-8 to 6-12
		Associated	goods,	-	, and the second	All	All
		Facilities					
PROJECT COMPONENTS AN		6.6.5 Marine	xii. A description of loading and offloading procedures for material and supplies,				
TIVITIES	PROPOSAL DESCRIPTION	Shipping &	dangerous goods, fuel, and explosives, including consideration of the anticipated	2	6	6.4.5, 6.4.6	6-8 to 6-12
		Associated	use/reliance on policing services, and	L	6	0.4.3, 0.4.0	0-0 (0 0-12
		Facilities					
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.5 Marine	xiii. A discussion of how shipping of project-related materials, supplies, and				
TIVITIES	PROPOSAL DESCRIPTION	Shipping &	fuel will be handled during times that community and outpost camp resupply	2	,	(224	4.2
		Associated	cargo and/or existing community use are being handled or undertaken, including	2	6	6.3.3.1	4-2
		Facilities	any shared use of existing marine infrastructure.				
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.6 Air	The Proponent shall describe all air transportation associated with the Project				
TIVITIES	PROPOSAL DESCRIPTION	Transportation	including the following:	2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
O PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.6 Air	i. A description of all potential air transportation including air traffic, types of				
TIVITIES	PROPOSAL DESCRIPTION	Transportation	aircraft to be used, and the proposed use of municipal airports in the Kitikmeot	2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
			region,	_	., ., .	,	,
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.6 Air	ii. A description of all facilities and infrastructure proposed for air transportation,				
FIVITIES	PROPOSAL DESCRIPTION	Transportation	including construction methods and schedule, transfer and handling of any	2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
-			required fuel, etc.,	-	1, 0, 0	1.2.2.2, 0.3.1	1 3, 0 2 60 0 3
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT	6.6.6 Air	iii. Estimates of the number of flights on a daily or weekly basis covering all phases				
TIVITIES	PROPOSAL DESCRIPTION	Transportation	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
.,,	. NOI OSAL DESCRIPTION	. ransportation	o. d.e o jeec, metading estimated regite senedates (times and days),	4	4, 0, 0	4.L.L., U.J. I	4-3, 0-2 tO 0-3
PROJECT COMPONENTS AN	D 6 6 DETAIL ED DOO IECT	6 4 4 4:	iv. The duration, frequency, and extent of use of each signant				
PROJECT COMPONENTS AN TIVITIES	PROPOSAL DESCRIPTION	6.6.6 Air	iv. The duration, frequency, and extent of use of each airport	•		4222 (2)	
ITIIILJ	I NOF USAL DESCRIPTION	Transportation	facility/airstrip/landing area,	2	4, 6, 8	4.2.2.2, 6.3.1	4-5, 6-2 to 6-3
DDO IECT COMPONICIES	D // DETAIL 50 000 1555		and Advantation of the authorized and facility				
PROJECT COMPONENTS AN		6.6.6 Air	v. A description of the anticipated use/reliance on security and emergency				,
TIVITIES	PROPOSAL DESCRIPTION	Transportation	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
			1.2				
	D 6.6 DETAILED PROJECT	6.6.6 Air	vi. Details regarding the proposed procedures for accident, malfunction and				
IVITIES	PROPOSAL DESCRIPTION	Transportation	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
			The Proponent shall provide information on all borrow pits and quarry sources	2	4, 6	Table 6.4-1, 6.4.2, 6.6.4	6-6 tp 6-7, 6-34 to 6-25
IVITIES	PROPOSAL DESCRIPTION	and Quarry Sites	required for the Project, in combination with the Borrow Pits and Quarry	10	16	All	οτο τρ στη, στο υ το στου ΔΙΙ
			Management Plan (Subsection 9.4.12), and include:			All	All
PROJECT COMPONENTS AN	D 6.6 DETAILED PROJECT		i. Maps for all sites that are to be used for borrow pits or quarries, indicating the				
IVITIES	PROPOSAL DESCRIPTION	and Quarry Sites	ownership (Inuit Owned Land and Crown Land) of lands and principle geographic	2	4, 6	Table 6.4-1, 6.4.2, 6.6.4	6-6 tp 6-7, 6-34 to 6-25
			features (e.g., on or near eskers and other unique landscapes, the proximity to	10	16	3.5	7
			waterbodies and watercourses),				
			waterbodies and watercodises),				
	D 6.6 DETAILED PROJECT	6.6.7 Borrow Pits	**				
	D 6.6 DETAILED PROJECT PROPOSAL DESCRIPTION		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

Table V1-1A. Table of Conformity

uidelines Section							
t	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
			iii. A discussion of how the precautionary principle has been incorporated in the				
IVITIES	PROPOSAL DESCRIPTION	and Quarry Sites	design of the borrow pits and quarries in terms of minimizing potential effects to the environment, including wildlife and wildlife habitats, including fish habitat	2	4, 6	Table 6.4-1, 6.4.2, 6.6.4	6-6 tp 6-7, 6-34 to 6-25
			where sites are in close proximity to waterbodies and watercourses,	10	16	6, 8	9 to 13
			minere sizes are in close proximity to waterboules and watercourses,				
ROJECT COMPONENTS AND) 6.6 DETAILED PROJECT	6 6 7 Borrow Pits	iv. Characterization of the materials at potential borrow pit and quarry site				
FIVITIES			locations including ARD and ML potential, the ground ice conditions and	2	4, 6	Table 6.4-1, 6.4.2, 6.6.4	6-6 tp 6-7, 6-34 to 6-25
		Q,	occurrences of massive ice,	10	16	6.1	9 to 10
PROJECT COMPONENTS AND	6.6 DETAILED PROJECT	6.6.7 Borrow Pits	v. Estimates of the quantities of materials that will be extracted from each				
TIVITIES			borrow pit and quarry site,	2	6	<u>6.6.4</u>	<u>6-24</u>
				10	16	3.2	3
PROJECT COMPONENTS AND	6.6 DETAILED PROJECT	6.6.7 Borrow Pits	vi. Estimates of quantities of materials required to build the ground transportation	2	6	<u>6.6.4</u>	<u>6-24</u>
TIVITIES	PROPOSAL DESCRIPTION	and Quarry Sites	and site infrastructure for the Project,	10	16	3.2	3
				10	16	3.2	3
			vii. Annual estimates of quantities required for maintenance associated with				
IVITIES	PROPOSAL DESCRIPTION	and Quarry Sites	ground transportation, site infrastructure, and the port site, and	10	12	8, <u>Table 8-1</u>	29, 23 to 27
DO IECT COMPONENT	// DET: ==	((7 5					
			viii. A description of proposed sediment, dust control and erosion measures in the	2	4, 6	Table 6.4-1, 6.4.2, 6.6.4	6-6 to 6-7, 6-34 to 6-25
VITIES	PRUPUSAL DESCRIPTION	and Quarry Sites	design of the borrow pits and quarry sites.	10	16	6	9 to 11
DO IFCE COMPONENTS	DETAILED DDG IEST	((0 D	The December shall avaide the fallowing information to continue to the				
PROJECT COMPONENTS AND FIVITIES	PROPOSAL DESCRIPTION	6.6.8 Power	The Proponent shall provide the following information in conjunction with its	2	4.4.7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39
CALLIA	FRUPUSAL DESCRIPTION	Generation	Air Quality Monitoring and Management Plan (Subsection 9.4.14):	2	4, 6, 7	All	All
PROJECT COMPONENTS AND	6 6 DETAILED PROJECT	6.6.8 Power	i. The energy balance for the proposed Project, including strategies for				
TVITIES	PROPOSAL DESCRIPTION	Generation	optimization and conservation,	2	167	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39
	. NO. ODAL PLOCKII HON	oc.iciación		۷.	4, 6, 7	All	All
PROJECT COMPONENTS AND	O 6.6 DETAILED PROJECT	6.6.8 Power	ii. A discussion on how greenhouse gas emissions will be reduced,				
FIVITIES	PROPOSAL DESCRIPTION	Generation	5.2	2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39
				=	:, =, !	All	All
PROJECT COMPONENTS AND	6.6 DETAILED PROJECT	6.6.8 Power	iii. The type of power generation and associated infrastructure (i.e. power lines)				
TIVITIES	PROPOSAL DESCRIPTION	Generation	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	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39
						All	All
PROJECT COMPONENTS AND		6.6.8 Power	iv. Locations (positioning) of power generation plants/stations relative to			4210 640 6644 74700	4.21 to 4.22 4 12 4 22 7 22 7 20
TIVITIES	PROPOSAL DESCRIPTION	Generation	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
						MIL	All
) PROJECT COMPONENTS AND		6.6.8 Power	v. A description of diesel power generation facilities, including sources, volumes				
TIVITIES	PROPOSAL DESCRIPTION	Generation	of fuel to be used, transportation methods for fuel and associated transfer	2	4, 6, 7	4.2.10, 6.4.9, 6.6.11, 7.4, 7.8.8	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39
			points, information regarding secondary containment measures to be employed and equipment and facilities for emergency clean-up, and		• •	All	All
DDO IECT COMPONENTS AND	O / / DETAILED DDO IECT	((0 Daysas					
) PROJECT COMPONENTS AND TIVITIES	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	4-21 to 4-22, 6-12, 6-32, 7-33, 7-39
ITIIILJ	I NOFOSAL DESCRIPTION	Generation		2	4, 6, 7	All	All
PROJECT COMPONENTS AND	6.6 DETAILED PROJECT	6.6.9 Fuel and	The Proponent shall describe the following information, in conjunction with				
TIVITIES	PROPOSAL DESCRIPTION	Explosives	its Spill Contingency Plans, (Subsection 9.4.2), Hazardous Materials	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	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4
-		Facilities	Management Plan (Subsection 9.4.8) and Explosives Management Plan (Subsection	10	4, 6, 7, 6, 9	4.3.9, 0.4.0, 0.4.7, 0.0.3, 0.0.0, 0.0.7, 0.0.8, 7.0, 0.14, 9.2.3 All	4-27 to 4-26, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 6-6, 9-4 All
			9.4.13):		1, 5	710	711
PROJECT COMPONENTS AND	6.6 DETAILED PROJECT	6.6.9 Fuel and	i. The location and characteristics of fuel and explosives storage and/or				
ΓΙVITIES	PROPOSAL DESCRIPTION	Explosives	manufacturing infrastructure and facilities (e.g. explosives and detonator				
		Facilities	magazines, fuel storage, ammonium nitrate storage, maintenance/wash area,				
			process trucks and their parking area, any offices, warehouses, buildings) as well	2		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	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4
			as methods of secondary containment to be employed. This will include setback	2	4, 6, 7, 8, 9	All	All
			distances to vulnerable features (i.e. dwellings, roads, camps, bodies of water,				
			etc.), and between explosives facilities and fuel storage/handling areas,				
PROJECT COMPONENTS AND		6.6.9 Fuel and	ii. Types and estimate of quantities of all fuel types, explosives, and other similar			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	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4
TIVITIES	PROPOSAL DESCRIPTION	Explosives	materials required for the duration of the Project,	2	4, 6, 7, 8, 9	4.3.9, 0.4.0, 0.4.7, 0.0.3, 0.0.0, 0.0.7, 0.0.8, 7.0, 0.14, 9.2.3 All	4-27 to 4-26, 6-11 to 6-12, 6-23 to 6-32, 7-34 to 7-35, 6-6, 9-4 All
		Facilities				- ***	All
PROJECT COMPONENTS AND		6.6.9 Fuel and	iii. Proposed measures to ensure the fuel used for mine related activities conforms	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	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4
VITIES	PROPOSAL DESCRIPTION	Explosives	with Canadian regulations (Government of Canada, 1990, 1991, 1997, 1999b,	10	4	4.0, 7.0	2 to 3, 11 to 16
DO IECT COMPONENTS		Facilities	1999c, and 2002b),	-		,	
PROJECT COMPONENTS AND		6.6.9 Fuel and	iv. Operational plans including Oil Pollution Prevention and/or Emergency Plans in	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	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4
IVITIES	PROPOSAL DESCRIPTION	Explosives Facilities	connection with the Spill Contingency, and Oil Handling Facility Contingency Plan, and	10	3, 4, 5	All	All
DO IECT COURSEITS	. / / DETAILED DOO!!!!						
PROJECT COMPONENTS AND		6.6.9 Fuel and	v. Methods of fuel transfer and transportation from sources to and around site.	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	4-27 to 4-28, 6-11 to 6-12, 6-25 to 6-32, 7-34 to 7-35, 8-8, 9-4
IVITIES	PROPOSAL DESCRIPTION	Explosives Facilities		10	4, 6	6.0	4 to 11
			The Proponent shall provide the following information for ongoing exploration:			4, 7, 9.3.2	9, 17 to 23, 30
NO IECT COMPONENTS	\ \ \ DET \ ED DOO ECT		THE PROPERTY STALL DROVING THE FOLLOWING INFORMATION FOR CONGOING EXPLORATION:				
ROJECT COMPONENTS AND	PROPOSAL DESCRIPTION	o.o.io Exploration	The Proportion shall provide the following information for ongoing exploration.				

Table V1-1A. Table of Conformity

Guidelines Section						
Part	Section Subsec	tion Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
5.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	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
5.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	loration 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
5.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	loration 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
o.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	loration 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
ACTIVITIES	PROPOSAL DESCRIPTION	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
0 PROJECT COMPONENTS AN CTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	loration 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
.0 PROJECT COMPONENTS AN CTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	loration 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
.0 PROJECT COMPONENTS AN CTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	loration 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
0.0 PROJECT COMPONENTS AN ACTIVITIES	D 6.6 DETAILED PROJECT 6.6.10 Exp PROPOSAL DESCRIPTION	loration ix. Management plans for drilling waste disposal and drill site reclamation.	2 5	3, 7	3, 7.1.1 1	3-1 to 3-2, 7-3 to 7-5 1-1 to 1-10
.0 PROJECT COMPONENTS AN CTIVITIES	PROPOSAL DESCRIPTION Project Fa	cillary The Proponent shall describe any other relevant project facilities and infrastructure not detailed in Section 6.6, including those related to logistics ructure coordination, site administration or personnel accommodations, for example.	NA	NA	NA	NA
.0 IMPACT ASSESSMENT ETHODOLOGY	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.	3	1	1.3, 1.4, 1.5, 1.6, Appendices V3-1A, V3-1B	1-5 to 1-47, All, All
0 IMPACT ASSESSMENT ETHODOLOGY	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
0 IMPACT ASSESSMENT ETHODOLOGY	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:	3	1	1.6.3, Table 1.6-1, Appendices V3-1C, V3-1E, V3-1G	1-39 to 1-47, All, All, All
.0 IMPACT ASSESSMENT SETHODOLOGY	7.1 PUBLIC CONSULTATION	 Assess the transparency, meaningfulness and completeness of community consultation efforts, 	3	1	1.3, 1.4, 1.5, 1.6, Appendices V3-1A, V3-1B, V3-1C, V3-1E	1-5 to 1-47, All, V3-1B, V3-1C, V3-1E
0 IMPACT ASSESSMENT ETHODOLOGY	7.1 PUBLIC CONSULTATION	ii. Understand messages communicated within the process of dialogue,	3	1	1.6.3, Table 1.6-1, Appendices V3-1C, V3-1E, V3-1G	1-39 to 1-47, All
0 IMPACT ASSESSMENT ETHODOLOGY 0 IMPACT ASSESSMENT	7.1 PUBLIC CONSULTATION 7.1 PUBLIC	 iii. Obtain an increased understanding of the expectations held within communities based upon responses to specific issues raised, and iv. Assess how public participation has influenced the development of the Project 	3	1	1.6.3, Table 1.6-1, Appendices V3-1C, V3-1E, V3-1G	1-39 to 1-47, All
.0 IMPACT ASSESSMENT	7.1 PUBLIC	with an analysis of community support for, and opposition to, the Project. The Proponent is expected to address concerns that are voiced regarding its own	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
ETHODOLOGY .0 IMPACT ASSESSMENT	CONSULTATION 7.1 PUBLIC	meaningful consultation and is required to: i. Continue to provide up-to-date information describing the Project to the	3	1	Table 1.6-1	1-41 to 1-42
ETHODOLOGY	CONSULTATION	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
0 IMPACT ASSESSMENT ETHODOLOGY	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
.0 IMPACT ASSESSMENT ETHODOLOGY	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
0 IMPACT ASSESSMENT ETHODOLOGY	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
.0 IMPACT ASSESSMENT ETHODOLOGY	7.2 TRADITIONAL KNOWLEDGE	 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,
.0 IMPACT ASSESSMENT IETHODOLOGY	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	<u>3-44 to 3-50</u> , All, All, All

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT	7.2 TRADITIONAL	Subsection	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
NETHODOLOGY 7.0 IMPACT ASSESSMENT	KNOWLEDGE 7.2 TRADITIONAL		iv. The design of TK studies, including lists of interview questions posed to			<u> </u>	<u></u>
METHODOLOGY	KNOWLEDGE		informants or other tools used in the study,	3	3	3.2, Appendix V3-3A, Appendix V3-3B, Appendix V3-3D	<u>3-44 to 3-50</u> , 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	<u>3-44 to 3-50</u> , 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	<u>3-44 to 3-50,</u> 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, <u>3-44 to 3-50,</u> <u>3-50 to 3-53,</u> 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	<u>3-44 to 3-50</u> , 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	<u>3-44 to 3-50</u> , 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	1, 2 5, 6, 7, 8, 9, 10, 11 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	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
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	3 All All All All 1	3.2, 3.3.1, 3.3.5 X.1 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 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, 9-10 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 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, 9-10 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		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 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, 9-10 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

Table V1-1A. Table of Conformity

Guidelines Section						
Part	Section Subse		FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT	7.3 BASELINE	Furthermore, to ensure post-monitoring impact analysis is not confounded by	4	AII	X.1	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
METHODOLOGY	INFORMATION	temporal variation, the Proponent should incorporate reference site sampling as	4	All	X.1 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
	COLLECTION	part of its routine baseline sampling.	6	All	X.1	to 9-25, 10-1 to 10-15
			7	All	X.1	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
			8	All	X.1	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
			9	1	1.2.2	1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-23, 4-1 to 4-22, 3-1 to 3-13, 6-2 to 6-13
			10	20	All	All
7.0 IMPACT ASSESSMENT	7.3 BASELINE	The Proponent shall make any linkages explicit and describe the trade-offs. For				
METHODOLOGY	INFORMATION	example, deficiencies in baseline data increase uncertainties in the prediction of				4.45 + 4.20 4.20 2.44 + 2.44 2.22 + 2.22
	COLLECTION	potential impacts, and consequently require an intensification of corresponding				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 5-1195, 6-37 to 6-40, 6-64 to 6-67, 7-18 to 7-22, 7-
		monitoring and mitigation programs (Section 9.3), and follow up and adaptive	4	1, 2	X.5.1, X.5.4	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
		management plans (Section 9.7).	5	4, 5, 6, 7, 8, 9, 10	X.5.1, X.5.4 X.5.1, X.5.4	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-
			0 7	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	X.5.1, X.5.4 X.5.1, X.5.4	34 to 7-37, 7-56
			8	1, 3, 4, 5	X.5.1, 1.5.4, 3.5.5, 4.5.4, 5.5.4	2-16 to 2-20, 2-33 to 2-39, 3-12 to 3-16, 3-217to 3-30, 4-40 to 4-43, 4-49, 5-22 to 5-25, 5-31, 6-20 to 6-
			9	All	All	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
7.0 IMPACT ASSESSMENT METHODOLOGY	7.3 BASELINE INFORMATION	The description of the existing baseline and the environmental trends should include a consideration of past projects and activities carried out by the Proponent	4	All	X.1	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
METHODOLOGI	COLLECTION	and/or others within the RSA.	5	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
			6	All	X.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
			7	All	X.1	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
			8	All	X.1 1.2.2	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
			9	ı	1.2,2	1-2 to 1-4
7.0 IMPACT ASSESSMENT	7.4 USE OF EXISTING	In preparing its EIS, the NIRB expects that the Proponent will rely on the use of				
METHODOLOGY	INFORMATION	existing information and available results of surveys and studies completed in the				44. 440.04. 24. 220
		Project region or in Nunavut by other developers, government agencies,	4	All	X.1	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
		organizations, institutions, regional authorities and individual researchers as such may lend information as pertaining to the Project and/or the environment. For	5	All	X.1	to 9-25, 10-1 to 10-15
		example, 'lessons learned' already exist in relation to previous and/or currently	6	All	X.1	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
		active projects in Nunavut (e.g. the Meadowbank Gold Mine, the Jericho Diamond	/ 0	All All	X.1 X.1	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
		Mine, the Doris North Gold Mine, Ekati and Diavik Diamond Mines, etc.) and this	9	1	1.2.2	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
		information should be captured by the Proponent.				1-2 to 1-4
7.0 IMPACT ASSESSMENT	7.4 USE OF EXISTING	When using existing information to meet the requirements of various sections of				1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
METHODOLOGY	INFORMATION	the EIS Guidelines, the Proponent should either include the information directly in	4	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
		the EIS with clear references indicating the source of information (i.e. document,	5	All	X.1	to 9-25, 10-1 to 10-15
		section, and page numbers), or use cross-references to direct reviewers (the	6 7	All All	X.1 X.1	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
		document, section and page number) to where they may obtain the information within the EIS or its supporting documents.	8	All	X.1	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
		Within the 213 of its supporting documents.	9	1	1.2.2	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	7.4 USE OF EXISTING	The Proponent must also clarify how representative the data are, clearly				
METHODOLOGY	INFORMATION	separating factual lines of evidence from inference, and state any limitations on	4	All	X.1	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
		the inferences or conclusions that can be drawn from them.	5	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
			6	All	X.1	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
			7	All	X.1	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
			9	All 1	X.1 1.2.2	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	3	3	3.3.5	3-53
ME I I IODOLOG I	INI ORMATION	balanced manner along with the Proponent's conclusions.	4	All	X.2	1-10 to 1-11, 2-6 to 2-7, 3-30 to 3-33
			5	All	X.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
			6	All	X.2	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
			7	All	X.2	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
			o 9	All 1	X.2 1.2.2	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	7.4 USE OF EXISTING	The EIS must clearly document any information or knowledge gaps encountered in				··
METHODOLOGY	INFORMATION	the existing literature or other information sources, and discuss how these gaps	4	All	X.1, X.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
		might affect the ability to draw conclusions and the reliability of those conclusions	5	All	X.1, X.2	to 9-28, 10-1 to 10-17
		drawn in the assessment.	6	All All	X.1, X.2	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
			, 8	All All	X.1, X.2 X.1, X.2	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
			9	1	1.2.2	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			· · - · -	1-2 to 1-4

Table V1-1A. Table of Conformity

Part							
	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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	4	All	X.1	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
METHODOLOGI	BOUNDARIES	boulidaries	be determined on the basis of the Project's potential impacts on the particular biophysical, social and/or economic environment being addressed.	5	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-
			biophysical, social and/or economic environment being addressed.	6	All	X.1	to 9-25, 10-1 to 10-15
				7	All	X.1	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
				8	Al	X.1	1-1 to 1-11, 2-1 to 2-2, 3-1 to 3-15, 4-1 to 4-22, 5-1 to 5-15, 6-2 to 6-13
				9	1	1.2.3.2	1-16 to 1-18
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	7.5 ASSESSMENT	7.5.1 Spatial	i. The physical or socio-economic extent of project activities,	4	1, 2	X.4	1-12 to 1-15, 2-8 to 2-11
METHODOLOGY	BOUNDARIES	Boundaries		5	4, 5, 6, 7, 8, 9, 10	X.4	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
				6	1, 4, 5, 6, 7	X.4 X.4	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
				, 8	2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.4 X.4	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
				9	1, 3, 4, 3	1.2.3.2	1-12 to 1-13, 3-41 to 3-42, 4-33, 3-20 to 3-23
7.0 IMPACT ASSESSMENT	7.5 ASSESSMENT	7.5.1 Spatial	ii. The extent of ecosystems potentially affected by the Project,	4	1, 2	X.4	1-12 to 1-15, 2-8 to 2-11, 3-33 to 3-42
METHODOLOGY	BOUNDARIES	Boundaries		5	4, 5, 6, 7, 8, 9, 10	X.4	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
				6	1, 4, 5, 6, 7	X.4	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
				7	2, 3, 4, 5, 6, 7	X.4	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
				8	1, 3, 4, 5	X.4	1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23
7.0 IMPACT ASSESSMENT	7 F ACCECCATION	7.5.4.5	The second secon	9	1	1.2.3.2, 1.3.4.3	1-16 to 1-18, 1-49
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	7.5 ASSESSMENT	7.5.1 Spatial	iv. The size, nature and location of past, present, and reasonably foreseeable	4	1, 2	X.6.1	1-29 to 1-31, 2-23 to 2-25
METHODOLOGY	BOUNDARIES	Boundaries	projects and activities which could interact with the items listed above.	5	4, 5, 6, 7, 8, 9, 10	X.6.1	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
				6	1, 4, 5, 6, 7	X.6.1	1-56, 4-57 to 4-59, 5-37, 6-70, 7-56
				7	2, 3, 4, 5, 6, 7	X.6.1	2-39, 3-30, 4-50, 5-32, 6-39, 7-36
				8	1, 3, 4, 5 1	X.6.1 1.3.4	1-29, 3-104 to 3-112, 4-60 to 4-68, 5-61
T O IUDAST ASSESSMENT	7.5.4665664547	7546	TI FIG. I. II I G. al. and I I I I I I I I I I I I I I I I I I I	9	· ·	1.3.4	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	1, 2 4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7	X.4, X.6.1 X.4, X.6.1 X.4, X.6.1	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
				γ	2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.4, X.6.1 X.4, X.6.1	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
				9	1, 3, 4, 3 1	1.2.3.2, 1.3.4.3	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	7.5 ASSESSMENT	7.5.1 Spatial	Identification of spatial boundaries should also take into account various impact	4	1, 2	X.4, X.5.1	1-12 to 1-15, 2-8 to 2-11
METHODOLOGY	BOUNDARIES	Boundaries	pathways such as pollutant transport and bioaccumulation mechanisms.	5	4, 5, 6, 7, 8, 9, 10	X.4, X.5.1	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
				6	1, 4, 5, 6, 7	X.4, X.5.1	1-32 to 1-41, 4-25to 4-29, 5-13 to 5-19, 6-43 to 6-47, 7-33 to 7-37
				7	2, 3, 4, 5, 6, 7	X.4, X.5.1	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
				8	1, 3, 4, 5	X.4, X.5.1 1.2.3.2, 1.3.4.3	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	7.5 ASSESSMENT	7.5.1 Spatial	Traditional and contemporary land use and occupancy for the past, present, and	,	· · · · · · · · · · · · · · · · · · ·	1.2.3.2, 1.3.4.3	,
METHODOLOGY	BOUNDARIES	Boundaries	future, should be considered in addition to other factors when determining spatial boundaries for the impact assessment of the Project.				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, 8-25to 8-30, 8-31 to 8-37, 8-70 to 8-71, 9-25
				4	1, 2	X.2, X.4, X.5.1, X.6.1	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
				5	4, 5, 6, 7, 8, 9, 10	X.2, X.4, X.5.1, X.6.1	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
				0 7	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	X.2, X.4, X.5.1, X.6.1 X.2, X.4, X.5.1, X.6.1	to 7-37, 7-56
				8	1, 3, 4, 5	X.2, X.4, X.5.1, X.6.1	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-
				9	1	1.2.3.2, 1.3.4.3	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	7.5 ASSESSMENT	7.5.1 Spatial	The Proponent is not required to provide a comprehensive baseline	4	All	X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
7.0 IMPACT ASSESSMENT METHODOLOGY	7.5 ASSESSMENT BOUNDARIES	7.5.1 Spatial Boundaries	description of the environment at each of the above scales, but must provide	4 5	AII AII	X.1 X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
		•	description of the environment at each of the above scales, but must provide sufficient detail to address the relevant environmental and cumulative effects of	4 5 6			60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
		•	description of the environment at each of the above scales, but must provide	4 5 6 7	All All All	X.1 X.1 X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
		•	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	4 5 6 7 8	All All	X.1 X.1 X.1 X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
		•	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	4 5 6 7 8 9	All All All	X.1 X.1 X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
METHODOLOGY 7.0 IMPACT ASSESSMENT	BOUNDARIES 7.5 ASSESSMENT	Boundaries 7.5.1 Spatial	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. The boundaries for the assessment of socio-economic impacts shall be based on an	4 5 6 7 8 9	All All All	X.1 X.1 X.1 X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
METHODOLOGY	BOUNDARIES	Boundaries	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. 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	4 5 6 7 8 9	All All All	X.1 X.1 X.1 X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
METHODOLOGY 7.0 IMPACT ASSESSMENT	BOUNDARIES 7.5 ASSESSMENT	Boundaries 7.5.1 Spatial	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. 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	4 5 6 7 8 9	All All All 1	X.1 X.1 X.1 X.1 1.2.2	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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
METHODOLOGY 7.0 IMPACT ASSESSMENT	BOUNDARIES 7.5 ASSESSMENT	Boundaries 7.5.1 Spatial	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. 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	4 5 6 7 8 9	All All All	X.1 X.1 X.1 X.1	60 to 4-68, 5-15 to 5-20, 5-20 to 5-25, 5-61 1-16 to 1-18, 1-49 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

Table V1-1A. Table of Conformity

Guidelines Section	Continu	Cubecation	Cuidolines Tout	EEIC Volume	EEIS Chapter	EEIS Saatian	Dana Nilimbana
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT	7.5 ASSESSMENT	7.5.1 Spatial	The EIS must contain a justification and rationale for all spatial boundaries and				4 42 4-4 45 4 20 4-4 24 2 0 4-2 44 2 22 4-2 25
METHODOLOGY	BOUNDARIES	Boundaries	scales chosen.	4	1, 2	X.4, X.6.1	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
				5	4, 5, 6, 7, 8, 9, 10	X.4, X.6.1 X.4, X.6.1	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
				J			
				0	1, 4, 5, 6, 7	X.4, X.6.1	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, 7-5
				/	2, 3, 4, 5, 6, 7	X.4, X.6.1	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, 6-3
				8	1, 3, 4, 5	X.4, X.6.1	to 6-42, 7-15, 7-36
				9	1	1.2.3.2, 1.3.4.3	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	7.5 ASSESSMENT	7.5.1 Spatial	The following general spatial boundaries are suggested, noting that the LSAs and				
METHODOLOGY	BOUNDARIES	Boundaries	RSAs may vary between disciplines and between VECs/VSECs, as they represent the likely distribution of project effects on individual VECs/VSECs:	-	-	•	•
7.0 IMPACT ASSESSMENT	7.5 ASSESSMENT	7.5.1 Spatial	i. Local Study Area (LSA): the Local Study Area shall be defined as that area	4	1, 2		
METHODOLOGY	BOUNDARIES	Boundaries	where there exists the reasonable potential for immediate impacts due to Project	5	4, 5, 6, 7, 8, 9, 10		
			activities, ongoing normal activities, or to possible abnormal operating conditions.	6	1, 4, 5, 6, 7		
			The Local Study Area includes the Project facilities, buildings and infrastructure,	7	2, 3, 4, 5, 6, 7		1-12 to 1-15, 2-8 to 2-11
			and all areas proposed for Project activities, including entire proposed shipping	8	1, 3, 4, 5		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
			routes in the NSA.	Ü	., 5, ., 5		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
						X.4	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
						1.2.3.2	1.2 to 1.15, 5 11 to 5 12, 1.55, 5 25 to 5 25
1						1.2.3.2	1-16 to 1-18
				9	1		
7.0 IMPACT ASSESSMENT	7.5 ASSESSMENT	7.5.1 Spatial	ii. Regional Study Area (RSA): the Regional Study Area shall be defined as the				
METHODOLOGY	BOUNDARIES	Boundaries	area within which there exists the potential for direct, indirect, and/or cumulative				
			biophysical and socio-economic effects. This area includes lands, communities,	4	1, 2	X.4	1-12 to 1-15, 2-8 to 2-11
			and portions of Nunavut and other regions of Canada that may be relevant to the	5	4, 5, 6, 7, 8, 9, 10	X.4	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
			assessment of wide- spread effects of the Project. The Proponent is advised	6	1, 4, 5, 6, 7	X.4	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
			to duly consider the transboundary implications of impacts to identified	7	2, 3, 4, 5, 6, 7	X.4	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
			VECs/VSECs as results of air transportation and marine shipping for the Project.	8	1, 3, 4, 5	X.4	1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23
				9	1	1.2.3.2	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 un-timely closure of the Project and specifies care and	4	1, 2	X.4	1-12 to 1-15, 2-8 to 2-11
			maintenance activities while the final closure period would include	5	4, 5, 6, 7, 8, 9, 10	X.4	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
			decommissioning and reclamation activities. The post-closure period covers the	6	1, 4, 5, 6, 7	X.4	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
			timespan after the Project has been decommissioned and abandoned, once the	7	2, 3, 4, 5, 6, 7	X.4	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
			site has been reclaimed and returned as much as possible to its natural state. The	8	1, 3, 4, 5	X.4	1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23
			temporal boundaries of the post-closure period may encompass many years,	9	1	1.2.3.2	1-16 to 1-18
			depending on the site, the type of Project and the methods of closure.)				
7.0 IMPACT ASSESSMENT	7.5 ASSESSMENT	7 5 2 Temporal	The Proponent shall also consider, where applicable, the temporal bounds of				
METHODOLOGY	BOUNDARIES	Boundaries	Project alternatives under assessment, noting where they differ from those for the	2	4	Appendix V2-4C	All 1-12 to 1-15, 2-8 to 2-11
			preferred option.	4 5	1, 2 4 5 6 7 8 9 10	X.4 X.4	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
				5	4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7	X.4 X.4	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
				0		X.4 X.4	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
				7	2, 3, 4, 5, 6, 7	X.4 X.4	2-15 to 2-16, 3-11 to 3-12, 4-39 to 4-40, 5-21 to 3-22, 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
				9	1, 3, 4, 5 1	1.2.3.2	1-12 to 1-15, 3-41 to 3-42, 4-53, 5-20 to 5-23
7.0 IMPACT ASSESSMENT	7.5 ASSESSMENT	7.5.2 Temporal	·	4	1, 2	X.4	1-12 to 1-15, 2-8 to 2-11
METHODOLOGY	BOUNDARIES	Boundaries	must indicate the range of appropriate scales at which particular baseline	5	4, 5, 6, 7, 8, 9, 10	X.4	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
			descriptions and the assessment of environmental effects are presented.	6	1, 4, 5, 6, 7	X.4	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
				7	2, 3, 4, 5, 6, 7	X.4	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
				8	1, 3, 4, 5	X.4	1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23
				9	1	1.2.3.2	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				
	DOGRAMICS	Dodilaa ics	the public or technical experts. In doing so, the Proponent shall give	4	1, 2	X.4	1-12 to 1-15, 2-8 to 2-11
			consideration to climate change, including warming trends, which might	5	4, 5, 6, 7, 8, 9, 10	X.4	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
			influence some of the impact assessment. This may include, for example, where	6	1, 4, 5, 6, 7	X.4	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
			there may be no immediate danger of permafrost degradation, but taking climate	7	2, 3, 4, 5, 6, 7	X.4 X.4	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
			pricie may be no inineciate danger of permanost degradation, but taking climate	,			
			change into consideration would have the Propoport incorporate the future	8	1. 3. 4. 5	ΥΔ	1-17 to 1-15 3-41 to 3-47 4-33 5-70 to 5-73
			change into consideration would have the Proponent incorporate the future possibility of this risk into the discussion of Project design where applicable.	8 9	1, 3, 4, 5 1	X.4 1.2.3.2	1-12 to 1-15, 3-41 to 3-42, 4-33, 5-20 to 5-23 1-16 to 1-18

Table V1-1A. Table of Conformity

Part 7.0 IMPACT ASSESSMENT METHODOLOGY	Cocti	Cubcostiss	Cuidalir as Taut	EEIC Volume	EEIS Chanter	FEIS Section	Dage Mountain
	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
METHODOLOGI	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				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
	DOUNDARIES	boundaries	be considered in its determination of temporal boundaries for the Project.				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-
			be considered in its determination of temporal boundaries for the rifocet.	4	1, 2	X.2, X.4, X.5.1, X.6.1	40, 6-69 to 6-70, 7-14 to 7-16, 7-17 to 7-22, 7-50 to 7-51, 8-25to 8-30, 8-31 to 8-37, 8-70 to 8-71, 9-25
				5	4, 5, 6, 7, 8, 9, 10	X.2, X.4, X.5.1, X.6.1	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
				6	1, 4, 5, 6, 7	X.2, X.4, X.5.1, X.6.1	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
				7	2, 3, 4, 5, 6, 7	X.2, X.4, X.5.1, X.6.1	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-
				8	1, 3, 4, 5	X.2, X.4, X.5.1, X.6.1	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
				9	1	1.2.3.2, 1.3.4.3	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	7.6 VALUED ECOSYSTEM		The EIS shall include a clear listing of those VECs and VSECs, processes, and	4	1, 2	X.5.2	1-20 to 1-27, 2-14 to 2-20
METHODOLOGY	AND SOCIO-ECONOMIC		interactions between the VECs and VSECs that are likely to be affected by the	5	4, 5, 6, 7, 8, 9, 10	X.5.2 X.5.2	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
	COMPONENTS		Project as well as those identified in these Guidelines.	6	1, 4, 5, 6, 7	X.5.2	1-43, 4-31 to 4-38, 5-19 to 5-25, 6-47 to 6-61, 7-37 to 7-46
				7	2, 3, 4, 5, 6, 7	X.5.2	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
				8	1, 3, 4, 5	1.5.2, 3.5.3, 4.5.2, 5.5.2	1-16 to 1-24, 3-48 to 3-95, 4-38 to 4-53, 5-25 to 5-31
				9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM		If relevant, the location of these VECs/VSECs should be indicated on maps or				1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
METHODOLOGY	AND SOCIO-ECONOMIC		charts, indicating to whom these components are valued and the reasons why,				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
	COMPONENTS		including ecosystemic, social, economic, recreational, tourism, aesthetic or other	4, 5, 6 ,7, 8	All	X.1	to 9-25, 10-1 to 10-15
			considerations.	4, 3, 0 ,7, 0	Att	Α.1	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	7.6 VALUED ECOSYSTEM		The Proponent should also indicate the specific geographical areas or				
METHODOLOGY	AND SOCIO-ECONOMIC		ecosystems that are of particular concern, and their relation to the broader				1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
	COMPONENTS		regional environment and economy.				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
				4, 5, 6, 7, 8	All	X.1	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	7.6 VALUED ECOSYSTEM		The Proponent shall explain and justify methods used to predict potential adverse				
METHODOLOGY	AND SOCIO-ECONOMIC		and beneficial effects of the Project on each VEC and VSEC, the interactions				
	COMPONENTS		among these components, and the relations of these components with the				
			environment. In particular, the Proponent must describe how the VECs were	4	1, 2	X.5.1, X.5.2	1-15 to 1-27, 2-11 to 2-16
			selected and what methods were used to predict and assess the adverse	5	4, 5, 6, 7, 8, 9, 10	X.5.1, X.5.2	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
			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	0 7	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	X.5.1, X.5.2 X.5.1, X.5.2	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
			a VEC, but also the value placed on it by humans for traditional use and cultural	8	1, 3, 4, 5	X.5.1, X.5.2 X.5.1, X.5.2	1-15 to 1-24, 3-42 to 3-48, 4-33 to 4-53, 5-23 to 5-31
			connection as a VSEC. This should be considered not only for components of the	9	1	1.2.3.1	1-5 to 1-16
			environment but also the land directly affected by the Project.				
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM		The Proponent shall provide a rationale for the selection of communities and				
METHODOLOGY	AND SOCIO-ECONOMIC		relevant studies for which baseline data relating to or supporting the discussion				
	COMPONENTS		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	7.6 VALUED ECOSYSTEM		The Proponent must validate the selected VECs/VSECs, especially those	3	1, 3	1.6.2.2, 3.3.2	1-38, 3-51
METHODOLOGY	AND SOCIO-ECONOMIC COMPONENTS		VECs/VSECs that will be used to assess the significance of Project component interactions, through consultation with the potentially affected communities. Any	4	1, 2	X.5.1, X.5.2	1-15 to 1-27, 2-11 to 2-20
	COMPONENTS		uncertainties in the validation must be documented. (The NIRB strongly	5	4, 5, 6, 7, 8, 9, 10	X.5.1, X.5.2	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
			recommends that the Proponent continue to seek input from communities,	6	1, 4, 5, 6, 7	X.5.1, X.5.2	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
			government agencies and other parties, as well as to incorporate the use of TK to	/ 8	2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5.1, X.5.2 X.5.1, X.5.2	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
			identify the VECs and VSECs.)	9	1, 3, 4, 3	1.2.3.1	1-13 to 1-24, 3-42 to 3-43, 4-33 to 4-33, 3-23 to 3-31
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM		All VECs and VSECs used in the assessment should have clearly identified indicators	4	4.2		4 45 4 27 2 44 4 2 2 20
METHODOLOGY	AND SOCIO-ECONOMIC		as outlined in Section 7.13.	5	1, 2 4, 5, 6, 7, 8, 9, 10		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
	COMPONENTS			6	1, 4, 5, 6, 7	V.F	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
				7	2, 3, 4, 5, 6, 7	X.5.1, X.5.2	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
				8	1, 3, 4, 5		1-15 to 1-24, 3-42 to 3-48, 4-33 to 4-53, 5-23 to 5-31
	7.6 VALUED ECOSYSTEM		The Proponent is expected to identify the components and activities of the Project				
7.0 IMPACT ASSESSMENT	AND SOCIO-ECONOMIC		that are anticipated to interact in adverse or beneficial ways with the selected				
7.0 IMPACT ASSESSMENT METHODOLOGY	COMPONENTS		VECs/VSECs and the interaction. These components and activities could be				
	COMPONENTS						
METHODOLOGY			grouped into the following categories:				
METHODOLOGY 7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM		i. Components and activities related to construction, operation, temporary	4	1, 2	X.5.2	1-20 to 1-27, 2-14 to 2-20
METHODOLOGY 7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC		7 7	4 5	4, 5, 6, 7, 8, 9, 10	X.5.2	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
METHODOLOGY 7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM		i. Components and activities related to construction, operation, temporary	4 5 6	4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7	X.5.2 X.5.2	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
	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC		i. Components and activities related to construction, operation, temporary	4 5 6 7 8	4, 5, 6, 7, 8, 9, 10	X.5.2	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

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	Subsection	ii. Components and activities induced by the Project development, which may	reis volume	· · · · · · · · · · · · · · · · · · ·		
METHODOLOGY	AND SOCIO-ECONOMIC		occur in the reasonably foreseeable future.	4	1, 2	X.5.2	1-20 to 1-27, 2-14 to 2-20
	COMPONENTS		Seeds in the reasonably foreseeable factorer	5	4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7	X.5.2 X.5.2	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
				7	2, 3, 4, 5, 6, 7	X.5.2 X.5.2	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
				8	1, 3, 4, 5	1.5.2, 3.5.3, 4.5.2, 5.5.2	1-16 to 1-24, 3-48 to 3-95, 4-38 to 4-53, 5-25 to 5-31
				9	1	1.2.4.1	1-19
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM		The Proponent should consider the following list in the selection of VECs and VSECs				
METHODOLOGY	AND SOCIO-ECONOMIC		(this list is not meant to be comprehensive nor exhaustive, abut should				
	COMPONENTS		give the Proponent an appropriate starting point for the identification of relevant	-	-	- -	•
			VECs and VSECs):				
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	i. Air quality,				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem		4	1	1.3.2	1-12
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ACCECUENT	7 (VALUED ECOSYSTEM	7 (1 \/alad	ii Climata and Natauralam.				
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC	7.6.1 Valued Ecosystem	ii. Climate and Meteorology,	4	2	3.3.2	3-33
METHODOLOGI	COMPONENTS	Components		9	3	1.2.3.1	3-33 1-5 to 1-16
				,	,	1.2.5.1	13.0110
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	iii. Noise and vibration,				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem		4	2	2.3.2	2-8
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	iv. Terrestrial environment, including terrestrial ecology, landforms and soils, and				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem	permafrost and ground stability,	5	2, 3, 4	2.3, 3.3, 4.3	2-23, 3-33, 4-19 to 4-26
	COMPONENTS	Components		9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	v. Geological features including discussion of surficial and bedrock				
METHODOLOGY	AND SOCIO-ECONOMIC COMPONENTS	Ecosystem Components	geology and geochemistry,	5 9	1	All	All
	COMPONENTS	Components		9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	vi. Hydrological features (including water quantity) and discussion of				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem	hydrogeology,	6	1.3	1.3, 2.3	1-31 to 1-33, 2-21
IMETHODOLOGI	COMPONENTS	Components	injurogeology,	9	1, 2 1	1.3, 2.3	1-31 to 1-33, 2-21 1-1 to 1-53
		•		•	•	,,	11.01.00
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	vii. Groundwater and surface water quality,				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem		6	2, 4	2.3, 4.3	2-21, 4-25
	COMPONENTS	Components		9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	viii. Sediment quality,				
METHODOLOGY	AND SOCIO-ECONOMIC COMPONENTS	Ecosystem		6	5	5.3	5-13
	COMPONENTS	Components		9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
7.0 IMPACT ASSESSMENT	7 (VALUED ECOSYSTEM	7 (1 \/alad	in Frankricker agreetic agricultura agreetic agalage, agreetic bioka				
METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC	7.6.1 Valued Ecosystem	ix. Freshwater aquatic environment, including aquatic ecology, aquatic biota (including representative fish as defined in the Fisheries Act, benthic				
METHODOLOGI	COMPONENTS	Components	invertebrates, and other aquatic organisms), habitat (including fish habitat as	6	3, 4, 5, 6, 7	3.3, 4.3, 5.3, 6.3, 7.3	3-19, 4-25, 5-13, 6-42 to 6-43, 7-32 to 7-33
		•	defined in the Fisheries Act), and commercial, recreational and Aboriginal fisheries	9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
			as defined in the Fisheries Act,				
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	x. Vegetation,				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem		5	4	4.3	4-19 to 4-26
	COMPONENTS	Components		9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	xi. Terrestrial wildlife and wildlife habitat (including representative terrestrial				
METHODOLOGY	AND SOCIO-ECONOMIC COMPONENTS	Ecosystem	mammals to include caribou, caribou habitat and behaviour, muskoxen,	5	5, 6, 7, 8	5.3, 6.3, 7.3, 8.3	5-125 to 5-128, 6-33 to 6-34, 7-16 to 7-17, 8-30 to 8-31
	COMPONENTS	Components	wolverine, polar bears, brown bears (including both brown and grizzly), wolves, and less conspicuous species that may be maximally exposed to	9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
			contaminants), and wildlife migration routes and crossings,				
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	xii. Birds and their habitat including raptors, migratory birds, and seabirds,				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem	יאון אווען מווט מווט נוופוו וומטונמנ וווכנעטוווצ ומטנטו, ווווצומנטוץ טוועג, מווע צפמטוועג,	5	9, 10	9.3, 10.3	9-28 to 9-29, 10-17 to 10-18
	COMPONENTS	Components		7	6	6.3	6-18 to 6-19
				9	1	1.1, 1.2, 1.3, 1.4	1-1 to 1-53
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	xiii. Marine environment, including marine ecology, marine water and sediment				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem	quality, marine biota (including fish and Species at Risk), marine habitat, and	7	1, 2, 3, 4, 5	X.3	1-32, 2-15, 3-11, 4-37 to 4-38, 4-37 to 4-38, 5-20 to 5-21
	COMPONENTS	Components	commercial, recreational and Aboriginal fisheries as defined in the Fisheries Act,	9	1	1.2.3.1	1-5 to 1-16
			and				
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.1 Valued	xiv. Marine wildlife, including marine mammals such as whales and seals.				
METHODOLOGY	AND SOCIO-ECONOMIC	Ecosystem		7	6, 7	6.3, 7.3	6-18 to 6-19, 7-11 to 7-12
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0. IND.CT ASSESSMENT	7 / WALLED ECONOTE::	7 / 2 1/-1 1 / 2	I Formula development and according to				
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM 3 AND SOCIO-ECONOMIC	7.6.2 Valued Socion Economic	o- i. Economic development and opportunities,	•	2	2.2	227. 24
METHODOLOGI	COMPONENTS	Components		8	3	3.3 1.2.3.1	3-27 to 3-41
	OS OILLIIIS	coponents		7	ı	1.2.3.1	1-5 to 1-16

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
				reis volume	FEI3 Chapter	FEI3 SECTION	rage Numbers
7.0 IMPACT ASSESSMENT METHODOLOGY	7.6 VALUED ECOSYSTEM AND SOCIO-ECONOMIC	Economic Economic	- II. Employment,				
METHODOLOGI	COMPONENTS	Components		8	3 1	3.3 1.2.3.1	3-27 to 3-41 1-5 to 1-16
	COMI ONLINIS	Components		9	ı	1.2.3.1	1-3 (0 1-10
7.0 IMPACT ASSESSMENT	7 6 VALUED ECOSYSTEM	7 6 2 Valued Socio	iii. Education and training,				
METHODOLOGY	AND SOCIO-ECONOMIC	Economic	in. Education and craiming,	8	3	3.3	3-27 to 3-41
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
				•	·		
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.2 Valued Socio	iv. Contracting and business opportunities,				
METHODOLOGY	AND SOCIO-ECONOMIC	Economic		8	3	3.3	3-27 to 3-41
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ASSESSMENT			v. Population demographics,				
METHODOLOGY	AND SOCIO-ECONOMIC	Economic		8	3	3.3	3-27 to 3-41
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ASSESSMENT METHODOLOGY	AND SOCIO-ECONOMIC		- vi. Traditional activity and knowledge including land use and mobility, food	3	3	3.3.2	3-51
METHODOLOGT	COMPONENTS	Economic Components	security, language, and cultural and commercial harvesting,	8	4	4.3	4-26 to 4-33
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ASSESSMENT	7 6 VALUED ECOSYSTEM	7 6 2 Valued Socio	- vii. Non-traditional land use and resource use,				
METHODOLOGY	AND SOCIO-ECONOMIC	Economic	Non Gadicional land use and resource use,	8	4	4.3	4-26 to 4-33
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
				,	•	1.2.3.1	13.60110
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.2 Valued Socio	- viii. Heritage resources including archaeology, palaeontology, and cultural				
METHODOLOGY	AND SOCIO-ECONOMIC	Economic	resources,	8	1, 2	1.3, 2.3	1-12, 2-7
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ASSESSMENT	7.6 VALUED ECOSYSTEM	7.6.2 Valued Socio	ix. Health and well-being including individual and community wellness, family and				
METHODOLOGY	AND SOCIO-ECONOMIC	Economic	community cohesion, and potential indirect effects of project on frequency and	8	3	3.3	3-27 to 3-41
	COMPONENTS	Components	types of crime incidents,	9	1	1.2.3.1	1-5 to 1-16
7.0 IMPACT ASSESSMENT			- x. Community infrastructure and public service, including housing, and				
METHODOLOGY	AND SOCIO-ECONOMIC	Economic		8	3	3.3	3-27 to 3-41
	COMPONENTS	Components		9	1	1.2.3.1	1-5 to 1-16
7.0. IMPACT ACCECUENT	7 / VALUED ECOSYSTEM	7 (2 Valued Casia	vi. Health and antativities welled and middle antativ				
7.0 IMPACT ASSESSMENT METHODOLOGY	AND SOCIO-ECONOMIC	Economic	- xi. Health and safety including worker and public safety.	0	4	6.3, 6.4	6-18 to 6-178
METHODOLOGI	COMPONENTS	Components		o 10	5	6.3, 6.4 All	6-18 to 6-178 All
				10	3	Att	All
7.0 IMPACT ASSESSMENT	7.7 STUDY STRATEGY		In describing the study methodologies, the Proponent shall explain how scientific,				1-36 to 1-37, 3-44 to 3-50
METHODOLOGY	AND METHODOLOGY		engineering, traditional, community, and any other knowledge was used to	3	1, 3	1.6.1, 3.2	1-36 to 1-37, 3-44 to 3-30 1-1 to 1-11, 2-1 to 2-7, 3-1 to 3-33
			construct its studies and reach its conclusions.	4	All	X.1, X.2	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
				5	All	X.1, X.2	to 9-28, 10-1 to 10-17
				6 7	All All	X.1, X.2 X.1, X.2	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
				8	ΔII	X.1, X.2 X.1, X.2	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
				•	All	7.1, 7.2	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	7.7 STUDY STRATEGY		The Proponent shall identify and justify all assumptions and substantiate all	4, 5, 6, 7, 8	All	All	All
METHODOLOGY	AND METHODOLOGY		conclusions presented.	1, 3, 0, 7, 0	Au	All	All
7.0 IMPACT ASSESSMENT	7.7 STUDY STRATEGY		All data, models, and studies must be documented so that the analyses are transparent and reproducible.	4, 5, 6, 7, 8	All	All	All
METHODOLOGY 7.0 IMPACT ASSESSMENT	7.7 STUDY STRATEGY		All data collection methods shall be specified, and the uncertainty, reliability and				
METHODOLOGY	AND METHODOLOGY		sensitivity of methods and models used to reach conclusions shall also be		AU	411	All
METHODOLOGI	AND METHODOLOGI		indicated.	4, 5, 6, 7, 8	All	All	All
7.0 IMPACT ASSESSMENT	7.7 STUDY STRATEGY		Where any study is presented as an independent appendix in the EIS, the				
METHODOLOGY	AND METHODOLOGY		Proponent should also provide an overview of the study in the main document,				
			including the methodology used, assumptions made, interpretation of the results,	2, 3, 4, 5, 6, 7, 8,	All	All	All
			limitations, and provide appropriate cross-referencing to the specific study as	9, 10	All	All	All .
			necessary.				
7.0 IMPACT ASSESSMENT	7.7 STUDY STRATEGY		To support the main conclusions presented in its EIS, the Proponent shall broadly				
METHODOLOGY	AND METHODOLOGY		identify significant gaps of knowledge and understanding, the steps taken by the	2 2 4 5 4 7 0	All	*11	411
			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	7.7 STUDY STRATEGY	<u></u>	Where the conclusions drawn from scientific and technical knowledge are in				
METHODOLOGY	AND METHODOLOGY		conflict with the conclusions drawn from community and/or TK sources, the EIS	3	3	3.3.5	3-53
			shall contain a balanced presentation of the issues and a statement of the	4, 5, 6, 7, 8	All	All	All
			Proponent's conclusions.				
7.0 IMPACT ASSESSMENT	7.7 STUDY STRATEGY		The Proponent shall specify and justify all sampling protocols and statistical				
METHODOLOGY	AND METHODOLOGY		processes employed in both the biophysical and social contexts.	4, 5, 6, 7, 8	All	All	All
i .		Documentation					

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Guidelines Section			_				
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY		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		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		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		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		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
7.0 IMPACT ASSESSMENT METHODOLOGY	7.7 STUDY STRATEGY AND METHODOLOGY		s 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	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 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		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 tp 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	Т	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	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

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT	7.8 IMPACT ASSESSMENT	Subsection	The impact assessment for each biophysical and socio-economic element can be	1 LIS VOIGING	1 LIS Chapter	1 LIS Section	r uge riumbers
METHODOLOGY	APPROACH		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	4 5	1, 2 4, 5, 6, 7, 8, 9, 10	X.5.2 X.5.2	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
			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	6	1, 4, 5, 6, 7	X.5.2 X.5.2	1-43, 4-31 to 4-38, 5-19 to 5-25, 6-47 to 6-61, 7-37 to 7-46
			to identify all linkages between environmental elements, project	7	2, 3, 4, 5, 6, 7	X.5.2	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
			components and activities and potential impacts, highlighting significant	8	1, 3, 4, 5	1.5.2, 3.5.3, 4.5.2, 5.5.2	1-16 to 1-24, 3-48 to 3-95, 4-38 to 4-53, 5-25 to 5-31
			interactions between them.	10	2	All	All
7.0 IMPACT ASSESSMENT	7.9 IMPACT PREDICTION		The Proponent shall explain and justify the methods used for impact prediction,				
METHODOLOGY			including: mathematical or numerical modeling, statistical modeling (e.g.				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
			variance and correlation analyses), analysis of sequential series, expert opinion,	4	1, 2 4, 5, 6, 7, 8, 9, 10		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
			previous experiences, and the prediction from known tendencies and TK if applicable.	6	1, 4, 5, 6, 7	X.5.1, X.6.1	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-
			аррисанс.	7	2, 3, 4, 5, 6, 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
				8	1, 3, 4, 5		36
7.0 IMPACT ASSESSMENT	7.9 IMPACT PREDICTION		All studies used in the prediction of impacts must be specified, the original authors				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
METHODOLOGY	7.7 IMPACT FREDICTION		identified, and the studies made public.	4 5	1, 2 4, 5, 6, 7, 8, 9, 10		
				6	1, 4, 5, 6, 7	All	All
			7	2, 3, 4, 5, 6, 7			
7.0 IMPACT ASSESSMENT	7.9 IMPACT PREDICTION			8	1, 3, 4, 5		
METHODOLOGY		All statements based on public consultation shall be justified and the sources and methodology specified.	4 5	1, 2 4, 5, 6, 7, 8, 9, 10			
				6	1, 4, 5, 6, 7	All	All
				7 8	2, 3, 4, 5, 6, 7 1, 3, 4, 5		
7.0 IMPACT ASSESSMENT	7.9 IMPACT PREDICTION		The choice of methodologies and interpretation of results shall be justified in light	4	1, 2	X.5, X.6	1-15 to 1-31, 2-11 to 2-25
METHODOLOGY			of current theories, knowledge and standards.	5	4, 5, 6, 7, 8, 9, 10	X.5, X.6	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
				6	1, 4, 5, 6, 7	X.5, X.6	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
				7	2, 3, 4, 5, 6, 7	X.5, X.6	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
				8 9	1, 3, 4, 5 1	X.5, X.6 1.2, 1.3	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	7.9 IMPACT PREDICTION		The Proponent shall assess the direct, indirect, short-term, and long-term impacts	4	1, 2		
METHODOLOGY	METHODOLOGY		of the Project on the biophysical and socio-economic environments, and the interactions between them, focusing on the anticipated response of the VECs and	5	4, 5, 6, 7, 8, 9, 10	All	AU
			VSECs.	6 7	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	All	All
				8	1, 3, 4, 5		
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				1-15 to 1-20, 1-29 to 1-31, 2-11 to 2-14, 2-23 to 2-25
			should be provided related to the CEA as outlined in Section 7.11 of these	4	1, 2	X.5.1, X.6.1	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
			Guidelines.	5	4, 5, 6, 7, 8, 9, 10	X.5.1, X.6.1	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-
				6	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	X.5.1, X.6.1 X.5.1, X.6.1	37, 7-56
				8	1, 3, 4, 5	X.5.1, X.6.1 X.5.1, X.6.1	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-
				9	1	1.3	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	7.9 IMPACT PREDICTION		The Proponent shall identify potential impacts resulting from each Project phase,				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
METHODOLOGY			including impacts arising from accidental events and malfunctions, with accepted practices used to draw impact predictions.				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
			practices used to draw impact predictions.	4	1, 2	X.5.1, X.5.2, X.6.1	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
				5	4, 5, 6, 7, 8, 9, 10	X.5.1, X.5.2, X.6.1 X.5.1, X.5.2, X.6.1	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-
				о 7	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	X.5.1, X.5.2, X.6.1 X.5.1, X.5.2, X.6.1	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-
				8	1, 3, 4, 5	X.5.1, X.5.2, X.6.1	20 to 6-36, 6-39 to 6-42, 7-15 to 7-34, 7-36
				9	3	All	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
							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	7.9 IMPACT PREDICTION		i. Explain how scientific, engineering, community and TK was used,	3	1, 3	1.6.2.2, 3.3.2	1-38, 3-51
METHODOLOGY				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		ii. Document model assumptions, study methodologies and sensitivity analyses,	4, 5, 6, 7, 8	All 1	All 1.2.4	All 1-18 to 1-35
7.0 IMPACT ASSESSMENT	7.9 IMPACT PREDICTION		iii. Document data collection methods and limitations thereof,	7	ı	1.2.7	1-1 to 1-10, 2-1 to 2-6, 3-1 to 3-30
METHODOLOGY							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
				4, 5, 6, 7, 8	All	X.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
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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT METHODOLOGY	7.9 IMPACT PREDICTION	Jubsection	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	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	3.1.1, Table 3.1-1, 3.2, 3.3 X.2 X.2 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	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 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 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
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	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 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
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

Table V1-1A. Table of Conformity

7.0 IMPACT ASSESSMENT 7. METHODOLOGY EN	Section 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	consi follov ice-ri and : forma consi iii. Cc the la acces of ba iv. De scena apply futur Clima	Guidelines Text mpacts of extreme meteorological events on the Project, and related iderations for Project design and planning, including, but not limited to, the eving: extreme temperature and precipitation events, high winds and waves, ride up and pile-up events, extreme ocean water levels (high and low), severe fog or white out conditions. Potential changes to the timing of ice nation, active layer thickness, and frequency of storms shall also be taken into ideration, Consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and esses, shipping route navigability, safety, and how this is addressed in the design asseline studies and monitoring plans for relevant project components, Design and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and ying a single "best guess" scenario. It is recommended that the range of reclimates considered by the Proponent include scenarios used in the Arctic	9 9	FEIS Chapter 2	EEIS Section 2.14 2.8, 2.9	2-17 to 2-18 2-13 to 2-14
7.0 IMPACT ASSESSMENT 7. METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7. METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7.	7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	ii. In consist followice-ri and : forms consist forms for the learners of basis for the following forms for the following for the following forms for the following forms for the following forms for the following fo	mpacts of extreme meteorological events on the Project, and related diderations for Project design and planning, including, but not limited to, the owing: extreme temperature and precipitation events, high winds and waves, ride up and pile-up events, extreme ocean water levels (high and low), severe fog or white out conditions. Potential changes to the timing of ice nation, active layer thickness, and frequency of storms shall also be taken into dideration, Consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design asseline studies and monitoring plans for relevant project components, Design and apply multiple scenarios on impacts assessment, where these varios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic	9	2	2.14	2-17 to 2-18
7.0 IMPACT ASSESSMENT 7. TO IMPACT ASSESSMENT 7. TO IMPACT ASSESSMENT 7.	7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	consist follow ice-ri and : format consist format	diderations for Project design and planning, including, but not limited to, the lowing: extreme temperature and precipitation events, high winds and waves, ride up and pile-up events, extreme ocean water levels (high and low), severe fog or white out conditions. Potential changes to the timing of ice lation, active layer thickness, and frequency of storms shall also be taken into dideration, Consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design asseline studies and monitoring plans for relevant project components, Design and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic				
7.0 IMPACT ASSESSMENT 7. METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7.	PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	follovice-ri and s forma consi iii. Co the la acces of ba iv. De scena apply futur Clima Inters	wing: extreme temperature and precipitation events, high winds and waves, ride up and pile-up events, extreme ocean water levels (high and low), severe fog or white out conditions. Potential changes to the timing of ice nation, active layer thickness, and frequency of storms shall also be taken into dideration, Consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design asseline studies and monitoring plans for relevant project components, Design and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic				
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METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7.	NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	and standard forms considered for the lates of bare scenarios apply futurn Clima Inters	severe fog or white out conditions. Potential changes to the timing of ice nation, active layer thickness, and frequency of storms shall also be taken into ideration, Consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design aseline studies and monitoring plans for relevant project components, Design and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic				
METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7.	NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	formations formations formations formations formations for the latest access of barriers for the latest formation for the	nation, active layer thickness, and frequency of storms shall also be taken into ideration, Consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design aseline studies and monitoring plans for relevant project components, Design and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic	9	2	2.8, 2.9	2-13 to 2-14
METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7.	NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	consi iii. Co the la acces of ba iv. De scena apply futur Clima Inters	consideration, consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design aseline studies and monitoring plans for relevant project components, design and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic	9	2	2.8, 2.9	2-13 to 2-14
METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7.	NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	iii. Co the la acces of ba: iv. De scena apply futur Clima Inters	consideration of sea level decline and shoaling caused by emergence/uplift of land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design aseline studies and monitoring plans for relevant project components, lesign and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic	9	2	2.8, 2.9	2-13 to 2-14
METHODOLOGY EN 7.0 IMPACT ASSESSMENT 7.	NVIRONMENT ON THE PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	the la acces of bar iv. De scena apply futur Clima Inters	land, including potential impacts to port site offloading area design and less, shipping route navigability, safety, and how this is addressed in the design aseline studies and monitoring plans for relevant project components, besign and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and lying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic	9	2	2.8, 2.9	2-13 to 2-14
7.0 IMPACT ASSESSMENT 7.	PROJECT 7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	acces of ba iv. De scena apply futur Clima Inters	ress, shipping route navigability, safety, and how this is addressed in the design asseline studies and monitoring plans for relevant project components, resign and apply multiple scenarios on impacts assessment, where these varios span the range of possible future climates, rather than designing and ying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic	9	2	2.8, 2.9	2-13 to 2-14
	7.10 IMPACTS OF THE NVIRONMENT ON THE PROJECT	of ba iv. De scena apply futur Clima Inters	Design and apply multiple scenarios on impacts assessment, where these larios span the range of possible future climates, rather than designing and ying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic	9	2	2.8, 2.9	2-13 to 2-14
	NVIRONMENT ON THE PROJECT	iv. De scena apply futur Clima Inters	Design and apply multiple scenarios on impacts assessment, where these arrios span the range of possible future climates, rather than designing and ying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic				
	NVIRONMENT ON THE PROJECT	scena apply futur Clima Interg	arios span the range of possible future climates, rather than designing and ying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic				
	NVIRONMENT ON THE PROJECT	scena apply futur Clima Interg	arios span the range of possible future climates, rather than designing and ying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic				
	PROJECT	apply future Clima Inter <u>s</u>	ying a single "best guess" scenario. It is recommended that the range of re climates considered by the Proponent include scenarios used in the Arctic				
		futur Clima Interg	re climates considered by the Proponent include scenarios used in the Arctic				
	A 40 HARLETS OF THE	Clima Interg		4	3	Appendix V4-3C	All
		Interg	ate Impact Assessment report (ACIA 2005) as well as those in the relevant	9	2	2.1	2-14
	A A A HADA STS OF THE		rgovernmental Panel on Climate Change assessments for polar regions (IPCC,				
1		2007)					
7.0 IMPACT ASSESSMENT 7.	' 1() IMPA(15 OF THE	y Im	npacts from climate change on sensitive ecosystem features within the	E	2 5 7 9 40	2.1.2.4, 5.5.2.8, 7.5.4.3, 7.6.4.3, 8.6.4.4, 10.5.2.8	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
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METHODOEGOT EN	PROJECT	terre	escriat, freshwater and marine ecosystems,	0	2	2.11, 2.12	2-14 to 2-16
7.0 IMPACT ASSESSMENT 7.	'.10 IMPACTS OF THE	ui D	redicted effects of climate change on mean and extreme climate parameters,		L	L.11, L.12	Z 19 (U Z-10
	NVIRONMENT ON THE		meteorological phenomena including flooding, storms, etc.,	9	2	2.13	2-16 to 2-17
METHODOLOGI	PROJECT	and n	meteorological phenomena metading roboting, storins, etc.,	9	L	2.13	Z-10 t0 Z-17
	1.10 IMPACTS OF THE		Potential effects of climate change on permafrost thawing in the Project				
METHODOLOGY EN	NVIRONMENT ON THE		, with discussion of the related implications on the stability of project	-	2	3.1.3	2 / 1 2 24
	PROJECT		ponents (e.g. waste management facilities) and sensitive land features	5	3 2		3-6 to 3-21
			. Canadian Heritage Rivers, territorial or national parks), including waste	9	Z	2.4, 2.11.1	2-7 to 2-8, 2-14
		mana	agement facilities, and				
	1.10 IMPACTS OF THE		Uncertainties related to climate change predictions, and the related	4	2	Appendix VA 2C	All
METHODOLOGY EN	NVIRONMENT ON THE		ct on other predictions in the EIS, including water quantity and permafrost	4 0	2	Appendix V4-3C 2.1	Att 2-1
	PROJECT	thawi	ving.	7	2	2.1	<u></u>
	1.10 IMPACTS OF THE	Longe	ger-term effects of climate change must also be discussed up to the projected				
METHODOLOGY EN	NVIRONMENT ON THE		ure phase of the Project. The sensitivity of the Project to long-term climate				
	PROJECT		ability and effects shall be identified and discussed. The Canadian				
			ronmental Assessment Agency Procedural Guide, "Incorporating Climate	9	2	2.16	2-19
			nge Considerations in Environmental Assessment: General Guidance for	7	2	2.10	L-17
			titioners" (CEAA, 2003) provides guidance for incorporating climate change iderations into an environmental assessment, and may be useful for the				
			nonent.				
	7.11 CUMULATIVE	The F facto	Proponent is expected to carry out its CEA with consideration for the following	-	-		
	7.11 CUMULATIVE		larger spatial boundary (RSA rather than LSA): This will enable the Proponent				
	FFECTS ASSESSMENT		ssess the project impacts in relation to other activities (including other			w -	
			ects and exploration) in the geographical region, and implies that	4	1, 2	X.6, X.7	1-29 to 1-31, 2-23 to 2-25
			ial assessment boundaries may cross jurisdictional boundaries for a better	5	4, 5, 6, 7, 8, 9, 10	X.6, X.7	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
			erstanding of additive and interactive pathways of different types of	6	1, 4, 5, 6, 7	X.6, X.7	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
			ulative effects (NIRB, 2007),	/	2, 3, 4, 5, 6, 7	X.6, X.7	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
				8	1, 3, 4, 5	X.6, X.7 1.3.4.3	1-29, 3-104 to 3-124, 4-60 to 4-82, 5-61 1-49
				,	ı	1.3.4.3	1***7
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE	ii A	A longer temporal scale (as defined in Subsection 7.5.2): This will				
	FFECTS ASSESSMENT		ble the Proponent to consider all activities from past developments into the		4.2	V / V =	420 - 424 222 - 627
			ent time and the reasonably foreseeable future for a more accurate analysis of	4 F	1, 2	X.6, X.7	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
			ability and significant long-term effects,	5 4	4, 5, 6, 7, 8, 9, 10	X.6, X.7	
			· · · · · · · · · · · · · · · · · · ·	7	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	X.6, X.7 X.6, X.7	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
				, 8	1, 3, 4, 5	X.6, X.7 X.6, X.7	2-39 to 2-41, 3-30 to 3-33, 4-50 to 4-52, 5-32 to 3-34, 6-39 to 6-50, 7-36 to 7-37 1-29, 3-104 to 3-124, 4-60 to 4-82, 5-61
				9	1, 3, 4, 5	1.3.4.3	1-29, 3-104 to 3-124, 4-00 to 4-62, 5-61 1-49
	7.11 CUMULATIVE		Alternatives analysis: CEA requires the explicit creation of alternative				
METHODOLOGY EF	FFECTS ASSESSMENT		elopment scenarios and analysis of potential cumulative effects associated with				
			n option (Greig et al., 2002). Therefore, the Proponent should endeavour to	9	1	<u>1.3</u>	<u>1-35 to 1-36</u>
			are its CEA addresses the alternatives presented under Section 6.4 of these				
		Guide	delines,				

Table V1-1A. Table of Conformity

Guidelines Section							
Part		Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE		v. Consideration of effects on VECs and VSECs: An effective CEA will allow the				
NETHODOLOGY	EFFECTS ASSESSMENT		Proponent to more accurately assess how the interaction of impacts from the	4	1, 2	X.6, X.7	1-29 to 1-31, 2-23 to 2-25
			various Project components and activities, and those from other past, present and	5	4, 5, 6, 7, 8, 9, 10	X.6, X.7	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
			easonably foreseeable projects (including exploration), might impact in a	6	1, 4, 5, 6, 7	X.6, X.7	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
		C	cumulative fashion on selected VECs/VSECs, and	7	2, 3, 4, 5, 6, 7	X.6, X.7	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
				8	1, 3, 4, 5	X.6, X.7	1-29, 3-104 to 3-124, 4-60 to 4-82, 5-61
				9	1	1.3.4	1-39 to 1-49
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE	v	r. Evaluation of significance: Effective CEA requires identifying and predicting the				
METHODOLOGY	EFFECTS ASSESSMENT		ikelihood and significance of potential cumulative effects, including direct,				
			ndirect and residual impacts. The Proponent shall consider and determine the	4	1, 2	X.6.1	1-29 to 1-31, 2-23 to 2-25
			ignificance of the cumulative effects using the criteria described in Section 7.14.	5	4, 5, 6, 7, 8, 9, 10	X.6.1	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
				0	1, 4, 5, 6, 7	X.6.1 X.6.1	1-55 to 1-56, 4-57 to 4-59, 5-37, 6-70, 7-56
				,	2, 3, 4, 5, 6, 7 1, 3, 4	X.6.1 X.6.1	2-39, 3-30, 4-50, 5-32, 6-39, 7-36 1-29, 3-104 to 3-112, 4-60 to 4-68
				9	1, 3, 4	1.3.5	1-29, 3-104 to 3-112, 4-00 to 4-00
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE	Δ	As per the identified objectives and methodologies for a CEA, the Proponent shall:				
METHODOLOGY	EFFECTS ASSESSMENT	r	as per the identified objectives and incubodologies for a CEA, the Proportine shall.	-	-	-	•
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE		. Justify the environmental components that will constitute the focus of the CEA.	4	1, 2	X.6	1-29 to 1-31, 2-23 to 2-25
METHODOLOGY	EFFECTS ASSESSMENT		The Proponent's assessment should emphasize the cumulative effects on the main	5	4, 5, 6, 7, 8, 9, 10	X.6	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
		V	/ECs/VSECs that could be affected by the Project,	6	1, 4, 5, 6, 7	X.6	1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57
				7	2, 3, 4, 5, 6, 7	X.6	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
				8	1, 3, 4, 5	X.6	1-29, 3-104 to 3-120, 4-60 to 4-78, 5-61
				9	1	1.3	1-35 to 1-51
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE		i. Present a justification for the spatial and temporal boundaries for the CEA. It	4	1, 2	X.6.1	1-29 to 1-31, 2-23 to 2-25
METHODOLOGY	EFFECTS ASSESSMENT		hould be noted that these boundaries can vary depending on the VECs or VSECs	5	4, 5, 6, 7, 8, 9, 10	X.6.1	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
			assessed. The Proponent shall give due consideration to the potential for	6	1, 4, 5, 6, 7	X.6.1	1-55 to 1-56, 4-57 to 4-59, 5-37, 6-70, 7-56
		C	rumulative effects that may be transboundary in nature,	7	2, 3, 4, 5, 6, 7	X.6.1	2-39, 3-30, 4-50, 5-32, 6-39, 7-36
				8	1, 3, 4	X.6.1	1-29, 3-104 to 3-112, 4-60 to 4-68
				9	1	1.3.4	1-39 to 1-49
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE	ii	ii. Discuss and justify the choice of projects, components and selected activities	4	1, 2	X.6.2	1-31, 2-25
METHODOLOGY	EFFECTS ASSESSMENT	fo	or the CEA. These shall include past activities and projects, those currently being	5	4, 5, 6, 7, 8, 9, 10	X.6.2	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
		Ci	carried out and any reasonably foreseeable project or activity. Activities should	6	1, 4, 5, 6, 7	X.6.2	1-55 to 1-56, 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57
			not be limited to exploration and mining-related activities but include other	7	2, 3, 4, 5, 6, 7	X.6.2	2-41, 3-32 to 3-33, 4-50 to 4-52, 5-32, 6-39, 7-36 to 7-37
		actors not related to mining (e.g., wildfires, roads/airstrips developed for non-	8	1, 3, 4	X.6.2	1-29, 3-112 to 3-113, 4-68 to 4-71	
		m	nining activities, etc.), and	9	1	1.3.4	1-39 to 1-49
7.0 IMPACT ASSESSMENT	7.11 CUMULATIVE	iv	v. Discuss the mitigation measures that are technically and economically feasible,				
METHODOLOGY	EFFECTS ASSESSMENT	a	and determine the significance of the cumulative effects. If any impact is	5	4, 5, 6, 7, 8	4.6.3, 5.6.3, 6.6.3, 7.6.3, 8.6.3	4-58 to 4-59, 5-238 to 5-239, 6-80, 7-61, 8-89
		ic	dentified and verified beyond the Proponent's sole responsibility or capacity, the	7	5, 6	5.6.3, 6.6.3	5-32 to 5-34, 6-47
			Proponent shall make best efforts to identify how its mitigation measures may	8	1, 3, 4	1.6.3, 3.6.3, 4.6.3	1-29, 3-114 to 3-116, 4-71
			contribute toward any collective mitigation undertaken by other responsible parties.	9	1	1.3.5.2	1-50
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		For the purpose of the current Guidelines, transboundary impacts (as defined in				
METHODOLOGY	IMPACTS		he Glossary) must be considered, and will include consideration of direct,	4	1, 2	X.7	1-31, 2-25
			ndirect, and residual effects of the Project activities (occuring within the NSA)	5	4, 5, 6, 7, 8, 9, 10	X.7 X.7	4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
			hat may occur across provincial, territorial, and international boundaries outside	0	1, 4, 5, 6, 7	X.7 X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
			of the NSA.	0	2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.7 X.7	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
				9	1, 3, 4, 3	1.4	1-27, 3-120 to 3-124, 4-70 to 4-02, 3-01
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY	Т	The Proponent shall give due consideration to the potential for transboundary	4	1, 2	X.7	1-31, 2-25
METHODOLOGY	IMPACTS		mpacts which may be a result from interactions between the effects of the	5	4, 5, 6, 7, 8, 9, 10	X.7	4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
		P	Project in the NSA, and the effects of projects located outside the NSA.	6	1, 4, 5, 6, 7	X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
				7	2, 3, 4, 5, 6, 7	X.7	2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37
				8	1, 3, 4, 5	X.7	1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61
				10	2	All	All
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		The potential for transboundary impacts related to cumulative effects	4	1, 2	X.7	1-31, 2-25
METHODOLOGY	IMPACTS	a	associated with this Project must also be addressed.	5	4, 5, 6, 7, 8, 9, 10	X.7	4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
				6	1, 4, 5, 6, 7	X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
				7	2, 3, 4, 5, 6, 7	X.7	2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37
				8	1, 3, 4, 5	X.7	1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61
				10	2	All	All
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		Where possible, transboundary impacts should be included within the discussion of	4	1, 2	X.7	1-31, 2-25
METHODOLOGY	IMPACTS	Vi	various VECs and VSECs as such are identified.	5	4, 5, 6, 7, 8, 9, 10	X.7	4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
				6	1, 4, 5, 6, 7	X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
				7	2, 3, 4, 5, 6, 7	X.7	2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37
				8	1, 3, 4, 5	X.7	1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61
		I		-	, -, , -	All	All

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		The Proponent is also required to present an overall discussion of the potential for	4	1, 2	X.7	1-31, 2-25
METHODOLOGY	IMPACTS		transboundary impacts, including predictions, impact assessment and proposed	5	4, 5, 6, 7, 8, 9, 10	X.7	4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
			mitigation and monitoring plans.	6	1, 4, 5, 6, 7	X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
				7	2, 3, 4, 5, 6, 7	X.7	2-41, 3-32 to 3-33, 4-52, 5-34, 6-48, 7-37
				8	1, 3, 4, 5	X.7 All	1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61
				10	2	All	All
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		Where feasible, the potential for transboundary impacts should be considered for	4	1, 2	X.7	1-31, 2-25
METHODOLOGY	IMPACTS		all VECs and VSECs identified by the Proponent. In particular, and without limitation, the Proponent should ensure that the potential for transboundary	5	4, 5, 6, 7, 8, 9, 10	X.7	4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
			impacts identified by the Minister of Aboriginal Affairs and Northern Development	6	1, 4, 5, 6, 7	X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
			in his letter referring the Project Proposal to the NIRB for review (December 17,	/ 0	2, 3, 4, 5, 6, 7	X.7 X.7	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
			2012) should be addressed, which included that:	10	1, 3, 4, 5 2	A./ All	1-29, 3-120 to 3-124, 4-70 to 4-02, 3-01
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		i. Impacts associated with the proposed Project infrastructure (including any	10		PM.	TILL.
METHODOLOGY	IMPACTS		associated transportation) on wildlife species such as caribou that have a large	5	F	F /	F 407 to F 2 42
METHODOLOGI	IMI ACIS		migration range, and the resulting socio-economic impacts to communities and	0	5 3	5.6 3.6	5-197 to 5-242 3-104 to 3-120
			groups that rely on these wildlife resources,	0	3	3.0	3-104 to 3-120
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		ii. Impacts to the local, regional and territorial health system of the Northwest				
METHODOLOGY	IMPACTS		Territories as a result of reliance on medical services, and	8	3	3.6	3-104 to 3-120
7.0 IMPACT ASSESSMENT	7.12 TRANSBOUNDARY		iii. Impacts to employment and business within the region affected by the Project.				
METHODOLOGY	IMPACTS		in impacts to employment and business main the region arrected by the riojecti	8	3	3.6	3-104 to 3-120
7.0 IMPACT ASSESSMENT	7.13 INDICATORS AND		The Proponent shall identify the indicators and/or criteria selected for assessing				
METHODOLOGY	CRITERIA		the potential impacts of the Project, including any cumulative and transboundary				1-37 to 1-38, 2-3 to 2-4, 3-50 to 3-53
			impacts, and shall justify their selection. In doing so, the Proponent shall describe				1-10 to 1-11, 1-15 to 1-31, 2-6 to 2-7, 2-11 to 2-25
			the role played by consultation with members of the public (TK) and technical	3	1, 2, 3	1.6.2, 2.2, 3.3	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, 7-16
			experts.	4	1, 2	X.2, X.5, X.6, X.7	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
				5	4, 5, 6, 7, 8, 9, 10	X.2, X.5, X.6, X.7	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
				6	1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	X.2, X.5, X.6, X.7 X.2, X.5, X.6, X.7	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
				8	1, 3, 4, 5	X.2, X.5, X.6, X.7 X.2, X.5, X.6, X.7	5-34, 6-15 to 6-18, 6-20 to 6-50, 7-9 to 7-11, 7-15 to 7-37
				o .	1, 3, 4, 3	X.2, X.3, X.0, X.7	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	7.13 INDICATORS AND		In its discussion of indicators, the Proponent shall emphasize the linkage between				1-15 to 1-20, 1-29 to 1-31, 2-11 to 2-14, 2-23 to 2-25
METHODOLOGY	CRITERIA		those indicators and the relevant VECs or VSECs and how TK was used in the	4	1, 2	X.2, X.5.1	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
			selection of indicators used to assess potential impacts of the Project. The	5	4, 5, 6, 7, 8, 9, 10	X.2, X.5.1	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
			indicators for the VECs should include sensitivity to contaminants and environmental pathways of exposure and bio-magnification.	6	1, 4, 5, 6, 7	X.2, X.5.1	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
			environmental paermays of exposure and bio magnification.	7	2, 3, 4, 5, 6, 7	X.2, X.5.1	47, 7-25 to 7-32, 7-34 to 7-37
				8	1, 3, 4, 5 6	X.2, X.5.1 6.4.1.9, 6.4.2.9	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
				O	0	0.4.1.9, 0.4.2.9	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	7 44 CICNIFICANCE		In the average of significance determination, the Dynamical is consisted to				1.5 to 1.10, 1.27, 5.12 to 5.10, 5.10, 1.55 to 1.50, 1.50 to 1.50, 5.25 to 5.25, 5.51
METHODOLOGY	7.14 SIGNIFICANCE DETERMINATION		In the process of significance determination, the Proponent is expected to communicate with potentially affected communities, including relevant individuals				
METHODOLOGI	DETERMINATION		and organizations to solicit input and incorporate their views regarding the value	3	1.2	1 (2 2 1 (2 2 2 2 2 2 2 2 2 2 2 2 2 2	1 20 1 20 2 51 2 52
			it placed on a VEC or VSEC, as well as associated significance of impacts.	3	1, 3	<u>1.6.2.2</u> , <u>1.6.2.3</u> , 3.3.2, 3.3.3	<u>1-38,</u> <u>1-38,</u> 3-51, 3-52
			, , , , , , , , , , , , , , , , , , ,				
7.0 IMPACT ASSESSMENT	7.14 SIGNIFICANCE		The Proponent shall describe how it will determine the significance that different				
METHODOLOGY	DETERMINATION		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	9	1	1.2.3	1-4 to 1-18
			significance of certain impacts, the Proponent shall present the range of	•	·	2.5	
			viewpoints expressed and shall present and justify its preference, if any.				
			i de la companya del companya de la companya del companya de la co				4.5. 4.00 4.00 4.00 6.00 0.00 0.00 0.00 0.0
7.0 IMPACT ASSESSMENT	7.14 SIGNIFICANCE		The Proponent shall describe the significance it ascribes to each effect, and justify				
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				1-15 to 1-20, 1-28 to 1-31, 1-33, 2-11 to 2-14, 2-22 to 2-25, 2-27
			how the significance of the effect was determined, taking into consideration and avoiding duplication of the information provided above. Furthermore, the				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
			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	4	1. 2	X.5.1, X.5.4, X.5.5, X.6.1, X.10	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-
			how the significance of the effect was determined, taking into consideration and avoiding duplication of the information provided above. Furthermore, the	4 5	1, 2 4, 5, 6, 7, 8, 9, 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	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
			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	4 5 6		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	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-
			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	4 5 6 7	4, 5, 6, 7, 8, 9, 10	X.5.1, X.5.4, X.5.5, X.6.1, X.10	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
			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	4 5 6 7 8	4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7	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	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, 5-37 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
			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	4 5 6 7 8	4, 5, 6, 7, 8, 9, 10 1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7	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	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
			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	4 5 6 7 8 9	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 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	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, 5-37 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

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Guidelines Section						
Part	Section Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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, 3-17, 3-17, 3-18, 3-19
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
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	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
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	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
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	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	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

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7.0 IMPACT ASSESSMENT	7.14 SIGNIFICANCE		xvi. The value attached to the impacted VEC or VSEC by those who identified				3-114 to 3-120
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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	4	1, 2	1.5.4, 1.5.5, 2.5.4, 2.5.5	1-28 to 1-29, 2-22 to 2-23
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March Marc		7113 02.07			4			the state of the s
					5	4, 5, 6, 7, 8, 9, 10		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
Part				the potential impacts of the Project.	6		X.5, X.6, X.7, X.8, X.9, X.10	
Property					7			
State Stat					8	1, 3, 4, 5		1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62
Property Controlled	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		The Proponent shall present relevant information pertaining to the biophysical				
Martin M						4.2	v.,	1-1 to 1-10, 2-1 to 2-6
Part					4			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
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					7			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 1 1 1 1 1 1 1 1				throughout the document. Baseline summaries should also include trends,	8			
Transport Tran					8	6		All
A				Project.	-	-	• ••	
A	8 0 PRO IECT ENVIRONMENT	8 1 BIOPHYSICAL		In describing the biophysical environment, the Proponent shall take an ecosystemic				
Proceedings								
					4, 5, 6, 7, 8	All	All	All
Property of the property of								
Property of the property of	8 0 PRO IECT ENVIRONMENT	8 1 RIOPHYSICAL		In its impact assessment, the Proponent shall identify and justify the thresholds or				
## 1					4	1, 2		1-15 to 2-1, 2-11 to 2-27
A	7.1.15 17.11 7.15 7.1552557.12.11				5	4, 5, 6, 7, 8, 9, 10		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
					6	1, 4, 5, 6, 7	X.5, X.6, X.7, X.8, X.9, X.10	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
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### 1985 Professional Profess					8	1, 3, 4, 5		1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62
### 1985 Professional Profess	8 0 PRO IECT ENVIRONMENT	8 1 RIODHYSICAL		The Proponent shall also include a consideration of the temporal scale and				
Park 1					4	1, 2		1-12 to 1-33, 2-8 to 2-27
					5	4, 5, 6, 7, 8, 9, 10		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
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A PRODUCT (MINORANCE) 1 SEPTIMEN 1 SE					7			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
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Page	8 0 PRO IECT ENVIRONMENT	8 1 RIOPHYSICAL		The Propogent shall include a prediction of trends relating to potential project				
### CANSONALE Reference Re					4	1, 2		1-12 to 1-33, 2-8 to 2-27
1	AND IMITACT ASSESSMENT				5	4, 5, 6, 7, 8, 9, 10		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
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STRONGET DINIONING 1.5 10000000000000000000000000000000000					7			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
AND PRINCE ADD					8	1, 3, 4, 5		1-12 to 1-31, 3-41 to 3-130, 4-33 to 4-85, 5-20 to 5-62
AND PRINCE ADD	8 O PRO IECT ENVIRONMENT	8 1 RIOPHYSICAL	8 1 1 Air Quality					
MANY ASSESSMENT Many Many Assessment Many Ma			o. i. i Ali Quality			_		
PART	7110 1111 7101 7100200712111							
PART	8 0 PRO JECT ENVIRONMENT	8 1 BIOPHYSICAL	8 1 1 1 Baseline	i Background ambient air quality data collected in the LSA and RSA including				
WACT ASSESSMENT S. PROJECT ENVIRONMENT AND IMPACT ASSESSMENT S. PR					4	1	117	1-7 to 1-8
AND INVADES ASSESSMENT SUNDENCE TO NUMBER AND INVADES ASSESSMENT SUBJECT SON TO NUMBER AND INVADES ASSESSMENT S					•	•	1.1.2	12.010
AND INVADES ASSESSMENT SUNDENCE TO NUMBER AND INVADES ASSESSMENT SUBJECT SON TO NUMBER AND INVADES ASSESSMENT S	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. Current sources of criteria air contaminants ITSP, PM10, PM2.5, NOx,				
MPACT ASSESSMENT BIOPHYSICAL Sessional War inflations or climatic conditions associated with variations or air and incorporate or minimate and motivate or financial conditions associated with variations or air and incorporate or minimate and motivate or financial conditions associated with variations or air and incorporate or minimate and motivate or financial conditions associated with variations or air and incorporate or minimate and motivate or financial conditions associated with variations or air and incorporate or minimate and motivate or financial conditions associated with variations or air and incorporated or minimate and motivate or financial conditions associated with variations or air and incorporated or minimate and motivate or financial conditions associated with variations or air and incorporate or minimate and motivate or financial conditions associated with variations or air and incorporate or minimate and motivate or financial conditions associated with variations or air and incorporated or minimate and motivate or financial conditions associated with variations or air and incorporate or minimate and motivate of financial conditions associated with variations or air and incorporate or minimate and motivate of financial conditions. In a complete or air and incorporate or minimate and motivate of financial conditions. In a complete or air and incorporate or minimate and motivate of financial conditions. In a complete or air and incorporate or air and motivate of financial conditions. In a complete or air and motivate of financial conditions. In a complete or air and motivate of financial conditions. In a complete or air and motivate of financial conditions. In a complete or air and motivate of financial conditions. In a complete or air and motivate of financial conditions. In a complete or air and motivate of financial conditions. In a complete or air and motivate of financial conditions. In a complete or air and motivate or air and motivate or air and motivate or air and motivate or air a					4	1		
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DROUGET ENVIRONMENT AND WACT ASSESSMENT BIOPHYSICAL BIOPHYSICAL SUBJECT ENVIRONMENT AND WACT ASSESSMENT SU	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Seasonal variations or climatic conditions associated with variations on air				
So PROJECT ENVIRONMENT AND MAPACT ASSESSMENT PROPERTY ASSESSMENT	AND IMPACT ASSESSMENT				4	1	1.1.4	1-10
AND MACE TASSESSMENT PROJECT ENVIRONMENT AND MACE TASSESSMENT PROJECT Components and activities on air quality. This analysis shall include the 4 s 1 s 2 s 3 s 3 s 3 s 3 s 3 s 3 s 3 s 3 s 3		IMPACT ASSESSMENT						
MPACT ASSESSMENT COMPONENT AND	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.1.2 Impact	The Proponent is required to present a comprehensive impact analysis for all				
MPACT ASSESSMENT AND UMPACT ASSESSMENT BY INDOMENTATION B	AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	Project components and activities on air quality. This analysis shall include the	4	1	All	All
AND IMPACT ASSESSMENT 8. IN INFORMMENT AND IMPACT ASSESSMENT 8. IN INFORMACE AND IMPACT ASSESSMENT 9. IN INFORMACE AND IMPACT ASSESSMENT 1. IN INFORMACE AND IMPACT ASSESS		IMPACT ASSESSMENT		following:				
MPACT ASSESSMENT AND IMPACT ASSESSMENT B. BIOPHYSICAL AND IMPACT ASSESSMENT AND IMPACT ASSESSMENT B. BIOPHYSICAL B.	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. Discussion of the standards, guidelines and regulations that the Proponent				
8.0 PROJECT ENVIRONMENT AND MPACT ASSESSMENT SUPPORT AND IMPACT AS	AND IMPACT ASSESSMENT	ENVIRONMENT AND			4	1	1.5.1	1-15 to 1-20
AND IMPACT ASSESSMENT 8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT 8.1 BIOPHYSICAL COMPOUNDED (VOCS.), Ozone (O3), Ozone (O		IMPACT ASSESSMENT						
MACT ASSESSMENT 8.1 BIOPHYSICAL Consumption of mobile equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and stationary equipment such as vehicles, marine vessels, aircraft, and s	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. Predictions of principle pollution emission sources from the Project at various				
ROPROJECT ENVIRONMENT AND IMPACT ASSESSMENT 8.1 BIOPHYSICAL ON FORDIECT ENVIRONMENT AND IMPACT ASSESSMENT 8.1 BIOPHYSICAL ON EQUIPMENT SUCKNISH SETSION SUCKNISH SUCKNIS	AND IMPACT ASSESSMENT	ENVIRONMENT AND		stages, including:	4	1, 3	1.5.2, All	1-20 to 1-27, All
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stationary equipment such as diesel generators and other combustion sources, 8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT ENVIRONMENT AND IM	AND IMPACT ASSESSMENT							
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AND IMPACT ASSESSMENT ENVIRONMENT AND IMPACT ASSESSMENT clearing, extraction and ore processing, handling, tailings, waste rock and ore processing, handling, and office to processing handlings, waste rock and ore processing handlings, waste rock and ore processing handlessession or pro				stationary equipment such as diesel generators and other combustion sources,		•	. ,	. ,
AND IMPACT ASSESSMENT ENVIRONMENT AND IMPACT ASSESSMENT clearing, extraction and ore processing, handling, tailings, waste rock and ore processing, handling, and office to processing handlings, waste rock and ore processing handlings, waste rock and ore processing handlessession or pro								
IMPACT ASSESSMENT stockpiling, quarries and other Project components and works, and 8.0 PROJECT ENVIRONMENT 8.1 BIOPHYSICAL or Fugitive dust emissions from ground transportation and wind erosion at various Project components including the all-weather road, access roads and mine hauling 4 1 1 1.5.2.2 to 1-27 roads. 8.0 PROJECT ENVIRONMENT 8.1 BIOPHYSICAL SIL BIOPHYSICAL WILL ASSESSMENT SIL BIOPHYSICAL SIL BIOPHYSICAL SIL BIOPHYSICAL ASSESSMENT SIL BIOPHYSICAL SIL BIOPHYSICAL ASSESSMENT SIL BIOPHYSICAL SI	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Fugitive dust and gaseous emissions from construction activities and land				
MPACT ASSESSMENT Stockpiling, quarries and other Project components and works, and	AND IMPACT ASSESSMENT	ENVIRONMENT AND		clearing, extraction and ore processing, handling, tailings, waste rock and ore	4	1	1.5.2.2	1-22 to 1-27
AND IMPACT ASSESSMENT ENVIRONMENT AND IMPACT ASSESSMENT Project components including the all-weather road, access roads and mine hauling 4 1 1 1.5.2.2 to 1-27 voads. 8.0 PROJECT ENVIRONMENT 8.1 BIOPHYSICAL AND IMPACT ASSESSMENT ENVIRONMENT AND 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		IMPACT ASSESSMENT		stockpiling, quarries and other Project components and works, and				
AND IMPACT ASSESSMENT ENVIRONMENT AND IMPACT ASSESSMENT Project components including the all-weather road, access roads and mine hauling 4 1 1 1.5.2.2 8.0 PROJECT ENVIRONMENT 8.1 BIOPHYSICAL AND IMPACT ASSESSMENT ENVIRONMENT WILL ASSESSMENT ENVIRONMENT AND ENVIRONMENT	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Fugitive dust emissions from ground transportation and wind erosion at various				
IMPACT ASSESSMENT roads. 8.0 PROJECT ENVIRONMENT 8.1 BIOPHYSICAL roads. AND IMPACT ASSESSMENT ENVIRONMENT AND appropriate modelling, and discussion of related impacts and mitigation strategies, 4 1 1.5.2.2 - 1.5.5 1-22 to 1-29					4	1	1.5.2.2	1-22 to 1-27
AND IMPACT ASSESSMENT ENVIRONMENT AND appropriate modelling, and discussion of related impacts and mitigation strategies, 4 1 1.5.2.2 - 1.5.5		IMPACT ASSESSMENT					***	
AND IMPACT ASSESSMENT ENVIRONMENT AND appropriate modelling, and discussion of related impacts and mitigation strategies, 4 1 1.5.2.2 - 1.5.5	8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Assessment of dispersion of Project emissions within the LSA and RSA. using				
					4	1	1.5.2.2 - 1.5.5	1-22 to 1-29
		IMPACT ASSESSMENT						

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art	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
PROJECT ENVIRONMENT D IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		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
	IMPACT ASSESSMENT					,	,
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. Assessment of effects on air quality from Project emissions during various				
IMPACT ASSESSMENT	ENVIRONMENT AND		project stages including airborne dust (TSP, PM10 and PM2.5 and/or	4	1	1.5.1, 1.5.2.1, 1.5.2.2	1-15 to 1-20, 1-21 to 1-22, 1-22 to 1-27
	IMPACT ASSESSMENT		metals) and criteria air contaminants such as SO2, NOx, CO, VOCs, O3, etc.,	8	6	6.4.2.7, 6.4.2.10	6-104 to 6-165
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vi. Assessment of the Project's GHG contributions to both Nunavut and Canada,				
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		and	4	3	3.4.2	3-37 to 3-40
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vii. A discussion of the potential effects of changes in air quality on human health				
IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.2 Climate and	-				
IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Meteorology		-	-		-
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.2.1 Baseline	i. A description of the baseline meteorological and climatic conditions at the LSA				
IMPACT ASSESSMENT	ENVIRONMENT AND	Information	and RSA, including methods of determination including a discussion of how	4	3	3.1.1.1, 3.1.2	3-1, 3-2 to 3-30
	IMPACT ASSESSMENT		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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. Meteorological data including, but not limited to, air temperature,				
IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		precipitation, wind directions and velocity, as well as prevailing wind directions for locations of proposed project components and along proposed shipping	4	3	3.1.2.2	3-4 to 3-30
	IMI ACT ADDEDDMENT		route(s),				
ROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Annual, seasonal, monthly and daily average and mean values of above				
IMPACT ASSESSMENT	ENVIRONMENT AND		noted meteorological parameters, seasonal and yearly fluctuations and variability,				
	IMPACT ASSESSMENT		and extreme climate events over the same period of time in which the data	4	3	3.1.2.2	3-4 to 3-30
			including site-specific data are collected in the RSA of the Project, and				
ROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Prevalent trends related to VECs in the project area and any resulting				
IMPACT ASSESSMENT	ENVIRONMENT AND		implications to the Project.	4	3	3.1.1.3	3-1 to 3-2
	IMPACT ASSESSMENT						
PROJECT ENVIRONMENT IMPACT ASSESSMENT	8.1 BIOPHYSICAL	8.1.2.2 Impact	The Proponent is required to present a comprehensive analysis of the impact that				
IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. A discussion of the relationship between climate change and GHG emissions from				
IMPACT ASSESSMENT	ENVIRONMENT AND		the Project, and	4	3	3.4.2.1	3-37
	IMPACT ASSESSMENT						
PROJECT ENVIRONMENT IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		ii. A discussion on the climate parameters that may change due to emissions from the Project [GHGs, and criteria contaminants such as SO2, NOx, CO, VOCs, O3,	4	3	3.4.2.1	3-37
IMI ACT ASSESSMENT	IMPACT ASSESSMENT		etc.].	4	3	3.4.2.1	3-3/
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.3 Noise and	-				
IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Vibration		-	-	-	-
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.3.1 Baseline	i. A description of baseline noise and vibration levels in the Project area,				
IMPACT ASSESSMENT	ENVIRONMENT AND	Information	including a discussion on variability, and if applicable, the relationship between	4	2	2.4.2	224-24
	IMPACT ASSESSMENT		these parameters and local weather conditions, seasonal variations, etc.,	4	2	2.1.2	2-2 to 2-6
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. A review of available studies/research the potential impacts of noise and				
IMPACT ASSESSMENT	ENVIRONMENT AND		vibrations on wildlife behaviours and health in both terrestrial and marine				
	IMPACT ASSESSMENT		environments, with a focus on noise from similar mining and shipping operations, in comparable climate and geographical regions if possible. Emphasis should be	5	5, 6, 7, 8, 9, 10	5.5.2.2, 6.5.2.2, 7.5.2.2, 8.5.2.2, 9.5.2.2, 10.5.2.2	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 10-4
			placed on level of noise and the identification of noise sensitive species, timing,	7	6, 7	6.5.2.2, 7.5.2.2.	6-27 to 6-33, 7-22
			etc., and				
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. A review of available studies/research on the potential impacts of noise and				
IMPACT ASSESSMENT	ENVIRONMENT AND		vibrations from blasting in or near freshwater and marine environments.	7	5	5.5.2.2	5-28 to 5-29
DO IECT ENVIRONMENT	IMPACT ASSESSMENT	04221	The December is used to accord to the control of th				
ROJECT ENVIRONMENT IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND	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				
WILL WASTRAMENT	IMPACT ASSESSMENT	ASSESSINGIL	analysis shall include the following:	-	-	•	•
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. A description of anticipated noise and vibration levels from all relevant Project	4	2	2.3.1, 2.5.2.1, 2.5.2.2	2-7 to 2-8, 2-15,
IMPACT ASSESSMENT	ENVIRONMENT AND		equipment and activities,	7	5	5.5.2.2	5-28 to 5-29
	IMPACT ASSESSMENT			8	6	6.4.3.10	6-172
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. A discussion of the standards, guidelines, thresholds and regulations that the				
MPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
ROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Potential increase to atmospheric noise levels from Project activities at				
IMPACT ASSESSMENT	ENVIRONMENT AND		different project stages, including those contributions arising from:	-	-	-	
	IMPACT ASSESSMENT						

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Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Ground transportation, including mine traffic, other access roads and the public				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		where applicable,	4	2	2.5.2.3	2-16 to 2-20
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Air transportation,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		o All transportation,	4	2	2.5.2.3	2-16 to 2-20
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Equipment use at mine and construction sites, including power generators, and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND			4	2	2.5.2.3	2-16 to 2-20
0.0 DDO IECT ENVIDONMENT	IMPACT ASSESSMENT		Alter the second of the delice that the delice will be a second or will be				
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		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
711.5 1111 7101 7155255712111	IMPACT ASSESSMENT		streeting, crainsportation and stockprining accordings	7	Z	2.3.2.3	2-10 to 2-20
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Potential changes in marine noise levels due to shipping activities, as well as		2	2524	2.45
AND IMPACT ASSESSMENT	ENVIRONMENT AND		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
	IMPACT ASSESSMENT			<u> </u>	3, ,	0.3.2.2, 7.3.2.2	0 E1 (0 0 33), 7 EE
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		v. Potential impacts of noise and vibration on the following:				
AND IMI ACT ASSESSMENT	IMPACT ASSESSMENT			-	-	-	·
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Humans and human activity in close proximity to noise generating sources,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND			8	6	6.4.3.11.2	6-178
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Terrestrial wildlife, with a focus on caribou and migratory birds and Species at				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		Risk,	5 7	5, 6, 7, 8, 9, 10	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
				,	0	0.3.2.2	0-27 (0 0-33
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Marine mammals, and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND			7	6, 7	6.5.2.2, 7.5.2.2	6-25 to 6-28, 7-22
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		o Fish in fresh water and marine environments.	7	5	5.5.2.2, 5.5.4	E 20 E 24 to E 22
AND IMI ACT ASSESSMENT	IMPACT ASSESSMENT			/	5	5.5.2.2, 5.5.4	5-28, 5-31 to 5-32
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.4 Terrestrial	For the purpose of the current Guidelines, terrestrial environment includes				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Environment	terrestrial ecology, landform and soils, permafrost, and ground stability.	5	All	All	All
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND	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 	-	,	44.4222	44.5.440.422.5.425
AND IMI ACT ASSESSMENT	IMPACT ASSESSMENT	imormation	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	8.1 BIOPHYSICAL		ii. A description of existing or proposed protected areas, special management				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		areas, and conservation areas in the RSA,	5	4	4.1	4-1 to 4-18
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		 A discussion of the landforms and topographic features at areas proposed for construction of major project components, including the type, thickness, soil 				
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		stability and/or clay sensitivity, and classification and distribution of soils as	5	3	3.4.1.3, 3.4.1.4	3-34 to 3-35
			applicable,				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. A description of the bedrock lithology, morphology, surface geology, landform				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		and soils (including sediments and the thermal and ground ice conditions) at				
	IMPACT ASSESSMENT		proposed borrow and quarry sites, project facilities such as tailing and waste rock management facilities, roads, and other areas where earthworks are proposed. If	_		1.1, 2.1, 4.1	
			eskers are identified as a potential source of granular material, then a description	5	1, 2, 4		1-1 to 1-15, 2-1 to 2-22, 4-1 to 4-18
			of granular material properties, including thermal condition and ice content,				
			should also be included,				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. A discussion of the potential of geohazards, that may have an effect on the				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		project or the occurrence of which may potentially be affected by the Project (e.g., slumping, landslides, potential slippage, seismic hazards) at areas	5	3	3.4.1	3-33
	IMPACT ASSESSMENT		planned for Project facilities and infrastructure,	9	2	2.2	2-1 to 2-7
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vi. A discussion of the relationship between permafrost processes and active layer,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		surface waterbodies and topography, including a description of permafrost and		2.2.4	244244	202 244 224 444 442
	IMPACT ASSESSMENT		talik configuration in the development area and adjacent water bodies and	5	2, 3, 4	2.4.1, 3.1, 4.1	2-23, 3-1 to 3-21, 4-1 to 4-18
0.0.000.0555	0.4.6.6		implications for groundwater flow pathways,				
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		vii. Details regarding the suitability of topsoil and overburden for use in the revegetation of surface-disturbed areas,	-	3	2.4.2	2/224
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		ייכבינענוסוו טו זעוועככ־עוזגעווטכע מוכמז,	5	3	3.1.3	3-6 to 3-21
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		viii. A description of permafrost distribution in the LSA, including areas of				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		discontinuous permafrost, high ice-content soils, ice lenses, thaw-sensitive slopes,	5	2, 3	2.1, 3.4.1.3	2-1 to 2-22, 3-34
	IMPACT ASSESSMENT		and talik zones,				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ix. A description of permafrost temperatures at areas planned for Project facilities				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		x. Sites of paleontological or palaeobotanical significance within the LSA.				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		, , , , , , , , , , , , , , , , , , , ,	8	2	2.1	2-1 to 2-2
	IMPACT ASSESSMENT						

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Guidelines Section	CW-	C	Colds Barre Took	EEIC V-1	FFIC Charter	FFIC Constant	Dona Marris
art	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
0 PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
0 PROJECT ENVIRONMENT ND 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
) PROJECT ENVIRONMENT D IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
0 PROJECT ENVIRONMENT ID 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
) PROJECT ENVIRONMENT D 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
0 PROJECT ENVIRONMENT ID 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
PROJECT ENVIRONMENT D 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
0 PROJECT ENVIRONMENT ID 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
PROJECT ENVIRONMENT ID 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
PROJECT ENVIRONMENT ID 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
0 PROJECT ENVIRONMENT ID 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
) PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT ID 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	4	3	3.4	3-33 to 3-42
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.5 Geological Features, Surficial and Bedrock Geology and Geochemistry		-	-	-	-
.0 PROJECT ENVIRONMENT ND 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

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Guidelines Section	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	Subsection	ii. A description of structural geology, such as fractures and faults, at major	ı-EI3 Volume	reis Chapter	LEI9 Section	rage numbers
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Typical regional and local cross-sections of the general geology should be	5	1, 2	1.1, 2.1	1-1 to 1-14, 2-1 to 2-22
D IMPACT ASSESSMENT	ENVIRONMENT AND		provided showing the geological units and their elevation, groundwater table, and	6	2	2.1	2-1 to 2-20
	IMPACT ASSESSMENT		linear geological structures,	2	7	7.1, Appendix V2-7C	7-1 to 7-13, All
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. A description of the geotechnical properties of bedrock and soil units, including				
D IMPACT ASSESSMENT	ENVIRONMENT AND		ice content and thermal conditions of permafrost soils and rocks, as relating to	2	7	7.1.3, 7.1.5 Appendix V2-7C	7-7 to 7-8, 7-10 to 7-13, All
	IMPACT ASSESSMENT		slope stability, underground stability, and bearing capacity of facility foundations,	6	2	2.1 2.1, Appendix V6-2D	2-1 to 2-22 2-1 to 2-20, All
			and			2.1, Appendix 10 20	2 1 to 2 20, Att
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. An acquisition of the in-situ stress either with in-situ investigation or from other	2	7	<u>7.1.1,</u> 7.2.5.1	7-3 to 7-5, 7-20
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		sources with reasonable confidence.	9	2	<u>2.2.1,</u> 2.2.2, <u>2.3</u>	2-1 to 2-2, 2-2
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.5.2 Impact	The Drawn and in was vived to average a semantic impact and win for all				
D IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	The Proponent is required to present a comprehensive impact analysis for all Project components and activities on geology. This analysis should include the				
, mil 7101 71552557112111	IMPACT ASSESSMENT	7.55655	following:	-	-	•	-
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. Potential geotechnical and geophysical hazards within the Project area,				
D IMPACT ASSESSMENT	ENVIRONMENT AND		including potential seasonal subsidence, seismicity and faulting, risks				
	IMPACT ASSESSMENT		associated with cut/fill slopes, underground excavation, and surface constructed	_			
			facilities. Where appropriate, the assessment should be supplemented by	2	6, 7	6.6.2.1, 7.1.1, 7.2.4.2, <u>7.2.5.3</u> , Appendix V2-7C	6-21 to 6-23, 7-3 to 7-5, 7-18, <u>7-22</u> , All
			analysis and illustrations such as maps, figures, cross sections and borehole				
			logs,				
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. Potential effects on foundation stability of major Project components from	2	4 7	4.4.12 Appendix V2.75 Appendix V2.75	4 22 to 4 40 AU AU
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		geological fractures and faults, and associated implications of these features on	6	6, 7 2	6.6.13, Appendix V2-7C, Appendix V2-7E 2.1	6-33 to 6-40, All, All 2-1 to 2-20
	IMPACT ASSESSMENT		project planning and engineering design. Those Project components assessed shall include, but are not limited to the port facilities, major watercourse crossings,	9	2	2.3	2-7
			open pits, underground mine, and equipment pads, and	10	7, 9	3.6.3	27
			The state of the s	11	2	3.5	8
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Risk assessment and predictions, including proposed management measures.	2	7	7.1.1	724-75
D IMPACT ASSESSMENT	ENVIRONMENT AND		ini. Kisk assessifient and predictions, including proposed management measures.	2	1	7.1.1 1	7-3 to 7-5 1-1 to 1-10
	IMPACT ASSESSMENT			9	2	2.3	2-7
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.6 Hydrological	-				
D IMPACT ASSESSMENT	ENVIRONMENT AND	Features and		-	-		-
	IMPACT ASSESSMENT	Hydrogeology					
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.6.1 Baseline	i. A description of hydrology of the LSA (e.g. streams, surface water flows,				
D IMPACT ASSESSMENT	ENVIRONMENT AND	Information	subsurface water movement, ice formation, and melt patterns),	6	1	1.1.2	1-13 to 1-24
	IMPACT ASSESSMENT						
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. A description of relevant hydrological regimes, drainage basins, watershed				
D IMPACT ASSESSMENT	ENVIRONMENT AND		boundaries and site water balance in the RSA,	6	1	1.1.1	1-1 to 1-13
0 DD0 IEST ENNIDONINENT	IMPACT ASSESSMENT						
0 PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		iii. A description of natural fluctuations, variability, and sources of variability in flow rates, including seasonal fluctuations and year-to-year variability, and the	,	4.2	44.24	444 420 244 220
D IMPACT ASSESSMENT	IMPACT ASSESSMENT		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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. A description of the timing of freeze/thaw cycles, flood zones, ice cover				
D IMPACT ASSESSMENT	ENVIRONMENT AND		(seasonal patterns and spatial variation), and ice conditions and typical	6	1, 3	1.1, 3.1	1-1 to 1-29, 3-1 to 3- 14
	IMPACT ASSESSMENT		thicknesses, formations and melt patterns,	ŭ	., -	,	
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. A description of hydrological characteristics of streams, rivers, and lakes in				
ID IMPACT ASSESSMENT	ENVIRONMENT AND		each watershed of the RSA. Items listed should be considered within the context	,			44.42.42
	IMPACT ASSESSMENT		of the range of climate conditions expected (include both climatic variability	6	1	1.1.1, 1.1.3	1-1 to 1-13, 1-31
			such as potential for extreme events, seasonal changes),				
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vi. A conceptual and numerical hydrogeological model that discusses the				
D IMPACT ASSESSMENT	ENVIRONMENT AND		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
	IMPACT ASSESSMENT						
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vii. Characterization of faults and fractures within the mine area, including				
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		information about occurrence, hydraulic conductivity testing and interpretation,	6	2	2.1	2-1 to 2-20
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		viii A description of interactions between permafreet, surface water and second				
D IMPACT ASSESSMENT	ENVIRONMENT AND		viii. A description of interactions between permafrost, surface water and ground water, and topography, as well as rock fractures and talik zones between different	6	2	2.1	2-1 to 2-20
	IMPACT ASSESSMENT		surface/ground waters,	U	4	۷.1	∠-1 τ∪ ∠-∠U
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ix. A description of permafrost/talik distribution, permeability and hydraulic				
D IMPACT ASSESSMENT	ENVIRONMENT AND		conductivity of the underlying materials, and	5	3	3.1	3-1 to 3-21
	IMPACT ASSESSMENT			6	2	2.1	2-1 to 2-20
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		x. A description of existing groundwater regimes, distribution characteristics and				
D IMPACT ASSESSMENT	ENVIRONMENT AND		flow paths in the Project area, including any instances of frozen groundwater	6	2	2.1	2-1 to 2-20
	IMPACT ASSESSMENT		within/around the identified deposits.				
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.6.2 Impact	The Proponent is required to present a comprehensive impact analysis for all				
ID IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	Project components and activities, including its shipping activities where	_	_		_
	IMPACT ASSESSMENT		applicable, on hydrology and hydrogeology. This analysis should include the				- -
			following:				

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. Discussion of the potential impact of variable and extreme stream-flows on		·		
AND IMPACT ASSESSMENT	ENVIRONMENT AND		Project design and planning, including how the design and size of proposed				
	IMPACT ASSESSMENT		watercrossings would ensure adequate flow capacity to accomodate spring freshet	6	1, 4, 5	1.5.2, 4.5.2, 5.5.2	1-43, 4-31 to 4-38, 5-19 to 5-25
			and storm flows (e.g. 1 in 100 year or greater storm events). This should include	9	2	2.6	2-8 to 2-13
			migration contingencies if the watercrossing does not function as intended,				
0.0.000 (507.5) (400) (445) (7	0 4 DIODINGICAL						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		ii. Potential impacts to existing watersheds from surface water diversions required by mine site development and other Project components (e.g. waste rock	,	4	4.5	4.44 5.4 55
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		stockpiles),	6	1	1.5	1-41 to 1-55
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Evaluation of stormwater runoff throughout the LSA, with consideration for				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		potential impacts to receiving waters (e.g. flow rates and flow patterns),	6	1	1.1, 1.5.2	1-1 to 1-29, 1-43
	IMPACT ASSESSMENT			9	2	2.6	2-8 to 2-13
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Potential impacts to natural drainage patterns from the construction and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		operation of proposed mine facilities and Project infrastructure,	6	1	1.5	1-41 to 1-55
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. Potential impacts on terrestrial and aquatic wildlife habitat resulting				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		from the modification or redirection of natural flows,	5	4 , 5, 6, 7, 8, 9, 10	All	All
8.0 PROJECT ENVIRONMENT			vi Detential for ice demonics and resultant offects on ather recovered				
AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		vi. Potential for ice damming and resultant effects on other resources,	6	6.7 2	6.5.2, 7.5.2 2.8, 2.14.1	6-47 to 6-61, 7-37 to 7-46
	IMPACT ASSESSMENT			10	14	8.4	2-13, 2-17 19
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vii. An assessment of each watercrossing and in-stream work, and potential			6.4.3, 6.5, 6.6	6.7 to 6.8, 6.14 to 6.40
AND IMPACT ASSESSMENT	ENVIRONMENT AND		impacts to the navigability and safety of the watercourses,	2	6	8.2.2	24
	IMPACT ASSESSMENT			10	5, 14	4.2.3, 4.3, 7.1, 7.2	12 to 13, 14 to 16
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		viii. Potential changes to permafrost and ground ice conditions as a result of	2	7	Appendix V2-7C	All
AND IMPACT ASSESSMENT	ENVIRONMENT AND		Project activities, including an analysis of the potential for groundwater inflow	5	2	2.4	2-23 to 2-24
	IMPACT ASSESSMENT		into the open pit, and	6	2	2.4	2-21 to 2-23
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		ix. Potential changes to permafrost/talik distribution, groundwater distribution	5	2	2.4	2-23 to 2-24
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		and flow paths.	6	2	2.4	2-21 to 2-23
8.0 PROJECT ENVIRONMENT		8.1.7 Groundwater	<u> </u>				
AND IMPACT ASSESSMENT		and Surface Water					
	IMPACT ASSESSMENT	Quality		-	-	-	•
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.7.1 Baseline	i. Identification of all sources of drinking water (surface and groundwater), as well				-
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Information	as water used for recreational purposes, within the area of influence of the	6	4	4.2, 4.11.1	4-23 to 4-25, 4-64
	IMPACT ASSESSMENT		project,				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. A description of the natural hydrogeochemistry of groundwater system (i.e. pH,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		**				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		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				
	IMPACT ASSESSMENT		and quality. Chemical characteristics should include baseline levels of	6	2, 4	2.1, 4.1.5, 4.1.6	2-1 to 2-20, 4-13 to 4-23
			contaminants and should be compared to relevant water standards/guidelines with		_, .	·,,	- · · · · · · · · · · · · · · · · · · ·
			identification of those which are naturally elevated,				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. A discussion of waters in the LSA of importance to local harvesting activities by				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		surrounding communities,	6	6, 7	6.2.1, 7.2.1	6-35 to 6-41, 7-25 to 7-31
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		v. A description of lake bathymetry and limnology in the LSA, and				• • • • • • • • • •
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT			6	3, 6	3.1, 6.1	3-1 to 3-14, 6-1 to 6-35
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vi. Provision of an outline of baseline water quality conditions within the				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		watershed and the project area, including a summary of baseline data collected	6	4	4.1.4.2, 4.1.5, 4.1.6	4-4 to 4-23
	IMPACT ASSESSMENT		with summary statistics and detection limits identified,	ŭ	·	2,3	1 1 10 1 25
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vii. Provision of maps and cross sections of the study area indicating				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		the extent of hydrostratigraphic units, permafrost, and lake taliks.	5	2	2.1	2-1 to 2-22
	IMPACT ASSESSMENT		Groundwater levels, potentiometric contours and groundwater flow directions	6	2	2.1	2-1 to 2-20
			should be included.				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		viii. Provision of the location and description of all on-site groundwater		_		
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		viii. Provision of the location and description of all on-site groundwater				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		monitoring wells, including well diameter and screen depth and intercepted	6	2	2.1, Appendix V6-2A, Appendix V6-2B	2-1 to 2-20, All, All
	IMPACT ASSESSMENT		aquifer unit. Include all baseline groundwater level data.	U	4	2.1, Appendix to 2A, Appendix to 2D	2 1 to 2 20, All, All
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ix. Provision of hydraulic conductivity data for hydrogeologic units in the study				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		area.	6	2	2.1	2-1 to 2-20
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	·	x. Provision of a detailed groundwater budget.				
AND IMPACT ASSESSMENT	ENVIRONMENT AND			6	2	2.4.2	2-22 to 2-23
	IMPACT ASSESSMENT						

Table V1-1A. Table of Conformity

Guidelines Section			·	EE16.14.1	EEIC CI	EDIC C	.
rt	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ID 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:	-	-	·	-
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		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	6	4, 5	4.5.1, 4.5.2, 5.5.1, 5.5.2	4-36 to 4-38, 5-14 to 5-25
	IMPACT ASSESSMENT		rationale for selecting them and for determining which will be carried forward into the impact assessment,	7 8	2, 3 6	2.5.1, 2.5.2, 3.5.1, 3.5.2 6.4.1.9, 6.4.2.9	2-16 to 2-26, 3-12 to 3-22 6-73 to 6-94, 6-132 to 6-163
S.O PROJECT ENVIRONMENT IND 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
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Potential impacts on groundwater quality and surface water quality in				
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND 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:	-	-	-	-
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND 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
O PROJECT ENVIRONMENT ND 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,	6	2, 4	2.4.1, 4.5	2-21, 4-16 to 4-57
.0 PROJECT ENVIRONMENT ND 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	2 2 7	2.1.2.2, 2.1.2.4 2.3	2-10 to 2-20, 2-20 2-7
0 PROJECT ENVIRONMENT ND 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,	10 2 6 10	6 4 16	3.6.3, 3.6.4, 3.6.5 6.4.12, 6.4.13, 6.6.3, 7.10 4.5.2.1, 4.5.2.7, 4.5.3.7	27 to 28 6-13, 6-24, 7-42 to 7-48 4-36, 4-37 to 4-38, 4-43 to 4-44 9 to 12
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ID 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,	6 9 10	4 3 5	4.5.2.8, 4.5.3.8 3.3 8.2.2	4-38, 4-44 to 4-45 3-6 to 3-20 24
0 PROJECT ENVIRONMENT ID 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
0 PROJECT ENVIRONMENT ID 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
0 PROJECT ENVIRONMENT ND 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

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Guidelines Section Part	Castian	Subsoction	Cuidalinas Tout	FEIC Volume	EEIC Charter	EEIC Contian	Dago Numbers
rt) Project environment	Section 8.1 BIOPHYSICAL	Subsection	Guidelines Text xiv. Potential impacts on surface water quality from construction and operation of	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
0 PROJECT ENVIRONMENT ID 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
PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT D 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.	6	2, 4	2.4.1, 4.5.4, 4.5.5, 4.6, 4.8, 4.9	2-21 to 2-22, 4-45 to 4-63
PROJECT ENVIRONMENT D 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:			-	-
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
0 PROJECT ENVIRONMENT ND 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	<u>5-1 to 5-12</u>
PROJECT ENVIRONMENT ID 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:	-	-	-	-
PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
PROJECT ENVIRONMENT ID 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
PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
PROJECT ENVIRONMENT ID 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
) PROJECT ENVIRONMENT D 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,	6	5	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	5-23 to 5-24, 5-26 to 5-29, 5-31 to 5-37
) PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT D 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
.0 PROJECT ENVIRONMENT ND 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

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uidelines Section	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	Subsection	xi. Potential impacts on sediment quality from construction and operation of	1 LI3 Volume	i Lis Chapter	i Li3 Section	rage numbers
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
) PROJECT ENVIRONMENT D 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 Fisheries Act, benthic invertebrates, and other aquatic organisms) and habitat including fish habitat as defined in the Fisheries Act:	-	-	-	-
) PROJECT ENVIRONMENT D 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 to7-31
PROJECT ENVIRONMENT 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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:	-	-	-	-
) PROJECT ENVIRONMENT D 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,	6	1, 4, 5, 6, 7	1.5, 4.5, 5.5, 6.5, 7.5	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
PROJECT ENVIRONMENT D 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,	6	1, 4, 5, 6, 7	1.5, 4.5, 5.5, 6.5, 7.5	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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
PROJECT ENVIRONMENT DIMPACT 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
PROJECT ENVIRONMENT DIMPACT 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,	6	6, 7	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	6-48 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
PROJECT ENVIRONMENT 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,	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, 6-74

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TE DOO IECT ENVIDONMENT	Section 8.1 BIOPHYSICAL	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 PROJECT ENVIRONMENT ND 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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ix. Potential impacts on contamination of traditional foods as a result of				
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		x. Discussion of the management measures for minimizing/mitigation of				
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		disturbances to fish populations, including measures to reduce the potential for establishment of invasive species in the area,	6	6, 7	6.5.3, 6.8, 7.5.3, 7.8	6-61 to 6-70, 6-71 to 6-74, 7-46 to 7-56, 7-57 to 7-60
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		xi. Environmental receptivity-including ecological, physical and/or climatic factors				
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		that influence exposure to harmful substances, and	6	4	4.5, 4.6	4-26 to 4-59
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		xii. Quantitative assessment of the ecological risks to freshwater VECs from the			F F A D D (A A D D (A A A A (A A D A (A A D D (A A D D (A A D D A A D A A A A	
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.10 Vegetation					
ID IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT			-	-	·	-
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.10.1 Baseline	i. A description of ecological zones, and other relevant classifications of plant				
ID IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	associations and phenologies in the LSA,	5	4	4.1	4-1 to 4-18
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. A description of the vegetation/plant types in the LSA, including estimated				
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. An overview of vegetation species, populations, distributions and ecologies in				
ID IMPACT ASSESSMENT	ENVIRONMENT AND		the RSA, with emphasis on identified vegetation VECs and species with special				
	IMPACT ASSESSMENT		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	5	4, 5	4.1, Appendix V5-4A, Appendix V5-5A	4-1 to 4-18, All, All
			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,	8	5	5.1.1, 5.5.2.3, 5.5.4.3	5-2 to 5-4, 5-30, 5-60
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Details regarding associations between vegetation cover types and soil types in	_		14.42.42.4	
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		the LSA,	5 8	4, 5	4.1, 4.2, 4.3, Appendix V5-4A, Appendix V5-5A	4-1 to 4-26, All, All
	IMI ACT ASSESSMENT			ð	5	5.1.1, 5.5.2.3, 5.5.4.3	5-2 to 5-4, 5-30, 5-60
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. A presentation of available published information and/or information resulting				_
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		from TK studies regarding identified VECs,	5	4	4.1, Appendix V5-4A	4-1 to 4-18, All
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vi. A discussion of the health status of plant species or communities in the LSA,				
ND IMPACT ASSESSMENT	ENVIRONMENT AND		including baseline information on contaminant levels (including metals) in				
	IMPACT ASSESSMENT		representative species consumed by wildlife and/or humans, either directly	5	4	4.1, 4.2	4-1 to 4-19
			(humans eating plants) or indirectly (humans consuming wildlife), and other vegetation that reflects sensitivity to contaminants or environmental	3	Ŧ	6-15-164	110417
			pathways of exposure and biomagnification, and				
PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vii. Any other issues related to vegetation as identified through public	3	1	1.6.1, 1.6.3, 1.6.3.3	1-36 to 1-37, 1-39 to 1-40, 1-41 to 1-42, 1-46 to 1-47
ID IMPACT ASSESSMENT	ENVIRONMENT AND		consultation.	5	4	4.1	4-1 to 4-18
DD0 IEST EUR "- 0	IMPACT ASSESSMENT	0.1.10.0.		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
.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		The Proponent is required to present a comprehensive impact analysis for all Project components and activities, including its ground and marine based				
D IMITACT MODESOMENT	IMPACT ASSESSMENT	MODECOLINE	transportation activities, on vegetation. This analysis should include the following:	-	-	·	-
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. Potential impacts to abundance and diversity of vegetation due to Project				
ND IMPACT ASSESSMENT	ENVIRONMENT AND		activities,	5	4	4.5	4-26 to 4-55
	IMPACT ASSESSMENT				· 	<u>. </u>	. 20 (0 1 33
.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. Potential impacts to specific vegetation coverage and species composition from				
ID IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		construction, operation, and reclamation activities in the Project area,	5	4	4.5	4-26 to 4-55
DDO IECT FAIVIDONATAT			iii An accomment of the natestial less disturbance and the share to the				
0 PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		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				
IN IN ACT ASSESSMENT	IMPACT ASSESSMENT		activities, including potential effects from airborne fugitive dust fall, airborne	4	5	4.5	4-26 to 4-55
			contaminants from emission sources, and changes to water quality and quantity,	8	6	6.1, 6.4.1	6-2 to 6-13, 6-18 to 6-95
			permafrost, or snow accumulation,				
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Potential impacts on vegetation abundance and diversity from the				
ND IMPACT ASSESSMENT	ENVIRONMENT AND		transfer/introduction of invasive or exotic species into the LSA via Project	5	4	4.5.2.2	4-29 to 4-30
	IMPACT ASSESSMENT		equipment and vehicles, including aircraft and marine vessels,	-			
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. Potential impacts on vegetation quality due to soil erosion, structural soil	4	5	4.5.2.2	4-29 to 4-31
ID IMPACT ASSESSMENT	ENVIRONMENT AND		changes, soil contamination, and fugitive dust and gaseous air emissions from	4 8	5 6	4.5. <i>L</i> .2 6.1, 6.4.1	4-29 to 4-31 6-2 to 6-13, 6-18 to 6-95
	IMPACT ASSESSMENT		mining, milling and waste management activities,	O	0	0.1, 0.4.1	0-2 (0 0-13, 0-10 (0 0-73

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O DDO IECT ENVIDONMENT		Subsection		reis volume	reis Chapter	LEI2 26CLIOII	Page Numbers
0 PROJECT ENVIRONMENT ID 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.	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
0 PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		caribou), vii. A discussion of the management measures for minimizing/mitigation of disturbances to plant associations, including progressive reclamation/re-vegetation	2	8	8	All
	IMPACT ASSESSMENT		plans for disturbed areas, and measures to reduce the potential for establishment of invasive species in the area,	5	4	4.5.3, 4.8	4-30 to 4-32, 4-62 to 4-63
) PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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 6-26 to 6-33, 7-20 to 7-28
PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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,	5	5, 6, 7, 8	5.1, 5.2, 6.1, 6.2, 7.1, 7.2, 8.1, 8.2	5-1 to 5-125, 6-1 to 6-33, 7-1 to 7-16, 8-1 to 8-30
PROJECT ENVIRONMENT) 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT D 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
PROJECT ENVIRONMENT 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
PROJECT ENVIRONMENT 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
PROJECT ENVIRONMENT D 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	3 5	1, 3 5, 6, 7, 8	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	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

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.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		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
DDO IECT ENVIRONMENT	IMPACT ASSESSMENT	0.4.44.0.1				,	
0 PROJECT ENVIRONMENT ID 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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ID 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
O DDO IECT ENVIDONMENT			a Divert and indivert imports from actuated degree and water available and ground				
.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Direct and indirect impacts from potential ice-breaking (prior to spring break-up	3	,	/22	/ 10: / 5
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
) PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Where relevant, the Proponent shall take into account the alteration of normal				
D IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
0 PROJECT ENVIRONMENT ND 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
D PROJECT ENVIRONMENT ID 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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND 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	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
.0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		ix. Potential impacts of contamination to sources of traditional food (including those trapped, fished, hunted, harvested or grown for subsistence or medicinal	5	5, 6, 7, 8	5.5.2.7, 6.5.2.7, 7.5.2.7, 8.5.2.7	5-170, 6-58 to 6-59, 7-42, 8-60 to 8-61
	IMPACT ASSESSMENT		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,	8	5 6	5.5.2, 5.5.4, 5.8 6.4.1, 6.4.2	5-25 to 5-30, 5-36 to 5-61, 5-61 6-18 to 6-165
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ND 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	4, 5, 6, 7, 8	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	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
0 PROJECT ENVIRONMENT ND 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
.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND	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	9, 10	All	All

Table V1-1A. Table of Conformity

Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND	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				
AND IMI ACT ASSESSMENT	IMPACT ASSESSMENT	imormation	(Species at Risk listed on Schedule 1 of the federal SARA and species with	5	9, 10	9.1, 10.1	9-1 to 9-25, 10-1 to 10-15
			designations by the COSEWIC). This description should include reference to	5 7	6	6.1	6-1 to 6-15
			species having significant ecological functions, and/or importance for Inuit life and	•	<u>-</u>		
			culture,				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. Description of current habitat use by VECs, including the use of Migratory Bird				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		Sanctuaries, Key Migratory Bird Sites, Territorial Parks and other important	5	9, 10	9.1,10.1	9-1 to 9-25,10-1 to 10-15
	IMPACT ASSESSMENT		habitats (e.g. breeding, nesting sites, staging areas) in the RSA and along the proposed shipping routes,	7	6	6.1, 6.11	6-1 to 6-15, 6-55 to 6-62
0.0 DDO IECT ENVIDONMENT	0.4 DIODINGICAL						
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		iii. Description of the relative seasonal/annual abundances, distributions and trends in range or habitat use, movements and population status of bird VECs,	E	0.10	0.4.40.4	0.4 to 0.35 40.4 to 40.45
AND IMI ACT ASSESSMENT	IMPACT ASSESSMENT		including but not limited to population abundance, reproductive success, mortality	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
			rates, density, diversity, etc.,	•	· ·	311, 3111	0 1 60 0 15, 0 55 60 0 02
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Description of migratory patterns and routes of VECs potentially impacted by				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		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
	IMPACT ASSESSMENT			,	0	0.1.4, 0.1.3, 0.11	6-1 to 6-13, 6-33 to 6-62
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		v. Identification of key migratory bird sites along the shipping route, including				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		those which could potentially be affected by marine spills as a result of current and/or wind patterns.	7	6	6.1, 6.11	6-1 to 6-13, 6-51 to 6-57
	IMPACT ASSESSMENT		and/or wind patterns.	9	3	Appendix V9-3A	All
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.12.2 Impact	The Proponent is required to present a comprehensive impact analysis for all				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	Project components and activities, including its shipping activities, on birds. This	5	9, 10	9.5, 10.5	9-30 to 9-55, 10-22 to 10-51
	IMPACT ASSESSMENT		analysis should include the following:	7	6	6.5	6-30 to 6-39
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. Description of the potential loss, alteration or isolation of habitat (e.g. staging				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		and nesting habitats) as a result of the Project development. Special	-	0.40	0.5.2.40.5.2	0.25 to 0.54, 40.25 to 40.47
	IMPACT ASSESSMENT		consideration should be given to Species at Risk listed on Schedule 1 of the federal	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
			SARA, species with designations by the COSEWIC, species having significant ecological functions or importance for Inuit life and culture,	,	Ü	0.3.2	0 23 to 0 30
			, ,				
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		 Potential disruption or alteration of migration routes due to Project phases or activities, 	5	0.40	0.5.2.2.40.5.2.2	0.47.40.44
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		activities,	5	9, 10	9.5.2.3, 10.5.2.3	9-47, 10-41
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Where relevant, the Proponent shall account for alteration of normal				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		behaviour or patterns and provide any associated outcomes for overall energy	5	9, 10	9.5.2.8,10.5.2.8	9-51, 10-45 to 10-46
	IMPACT ASSESSMENT		balance for the relevant VEC,	7	6	6.5.2	6-25 to 6-36
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Potential impacts on birds and bird habitat use from air contamination,	5	9, 10	9.5.2.7,10.5.2.7	9-51,10-45
AND IMPACT ASSESSMENT	ENVIRONMENT AND		vegetation contamination, ground contaminants or degraded water quality,	7	6	6.5.2.5	6-34 to 6-36
	IMPACT ASSESSMENT			8	6	6.4.1.7, 6.4.1.11	6-36 to 6-58, 6-95
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		v. Potential disturbances to birds from noise and vibrations as a result of blasting,	5	9, 10	9.5.2.2,10.5.2.2	9-40 to 9-47, 10-29 to 10-41
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		and land and marine transportation,	7	6	6.5.2.2	6-27 to 6-33
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vi. Potential impact from pre-determined Flight Impact Zones, and potential for				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		collision with aircraft,	5	9, 10	9.5.2.2, 9.5.2.4, 10.5.2.2, 10.5.2.4	9-40 to 9-47, 10-29 to 10-43
	IMPACT ASSESSMENT			7	6	6.5.2.2, 6.5.2.3	6-27 to 6-34
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vii. Potential for Project facilities to attract wildlife such as polar bear, brown and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		grizzly bear, wolverine, foxes, ravens and gulls that may prey upon migratory birds	5	9, 10	9.5.2.5, 10.5.2.5	9-49 to 9-50, 10-43
	IMPACT ASSESSMENT		and resulting impacts on the migratory bird populations,				
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		viii. Potential attraction of birds and other scavengers/predators by domestic	_			
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		ix. Potential attraction of birds to Project facilities and infrastructure for roosting				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		and nesting sites,	5	9, 10	9.5.2.6,10.5.2.6	9-50 to 9-51, 10-43 to 10-45
	IMPACT ASSESSMENT			,	<i>7</i> , 10	7.3.2.0, 10.3.2.0	7 30 60 7 31, 10 43 60 10 43
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		x. Potential for bird mortality due to collisions with tall structures, overhead wires				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		or guy wires,	5	9, 10	9.5.2.4, 10.5.2.4	9-47 to 9-49, 10-41 to 10-43
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		xi. Potential effects of shipping on coastal and marine birds and habitat, as well as				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		potential disturbance on key migratory bird habitat areas and sanctuaries in	7	6	6.5.2.2, 6.11	6-27 to 6-33, 6-55 o 6-60
9 O DDO IECT ENVIRONMENT	IMPACT ASSESSMENT		proximity to shipping routes in the NSA,				
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		xii. Incidental spills, malfunctions and other accidents associated with shipping operations and potential impacts to marine birds,	9	3	2.2 Appendix VO.2A	2.4 to 2.20 All
AND INIT ACT ADDEDDINERY	IMPACT ASSESSMENT		operations and potential impacts to marine birds,	y	3	3.3, Appendix V9-3A	3-6 to 3-20, All
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		xiii. Potential interactions, accidental injuries and mortality of marine birds				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		directly or indirectly from proposed shipping (open water and potential ice				
	IMPACT ASSESSMENT		breaking during break-up in the spring and freeze-up in the fall) activities, in	7	6	6.5.2.2, 6.5.2.3, 6.5.2.4, 6.5.2.5	6-27 to 6-36
			particular those marine birds which congregate in areas where the shipping routes				
			would pass through,				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		xiv. Potential direct and indirect effects on marine bird behaviour, distribution,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND		abundance, migration patterns, species health and reproduction from marine	7	6	6.5.2.2, 6.5.2.3, 6.5.2.4, 6.5.2.5	6-27 to 6-36
	IMPACT ASSESSMENT		shipping,				

Table V1-1A. Table of Conformity

Table V1-1A, Table of Co	y						
Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	Subsection	xv. Evaluation of the potential for contaminants to be released to the environment	reis volume	reis Chapter		-
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		xvi. Assessment of potential cumulative effects on marine bird VECs resulting from				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		escalated marine traffic in the RSA over the mining lifecycle, including the potentially extended minimum operation period. Consideration should be given to	7	6	6.6.2.1	6-41 to 6-42
			the possible significant increase of marine vessel traffic along shipping routes,	,	6	0.0.2.1	0-41 (0 0-42
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		xvii. Potential impacts of contaminant bioaccumulation via food chain uptake	5	9, 10	9.5.2.7, 10.5.2.7	9-51, 10-45
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		through air, water and soil, including specific impacts to traditional food sources including potential monitoring methods to track the progress of this potential	7	6	6.5.2.5	6-34
	IMI ACT ASSESSMENT		impact, 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, 6.4.1.7.1 to 6.4.1.7.4, 6.4.1.8.6, 6.4.1.9.5, 5.2.5 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	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		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	4, 9, 10	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	4-21 to 4-25, 4-29 to 4-30, 9-36 to 9-47, 10-27 to 10-41
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT		to politicality and noise and its effects on bill and bill habitat.	8	6	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	6-26 to 6-27 6-36 to 6-58, 6-167, 6-172, 6-175 to 6-177
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL	8.1.13 Marine	For the purposes of the current Guidelines, the marine environment shall include				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Environment	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	8.1 BIOPHYSICAL	8.1.13.1 Baseline	i. Description of marine physical processes and currents including the costal				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Information	environment, biological diversity and composition, and associated interactions in	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
	IMPACT ASSESSMENT		the LSA and RSA, including the proposed shipping route(s) within the NSA,		, , , , ,	., ., ., ., ., .	.,, ,
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		ii. Data on seasonal ice cover including timing of ice freeze-up and break-				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		up for the proposed shipping routes,	7	1	1.1.4, 1.1.5	1-10 to 1-27
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iii. Presentation of available bathymetric information along the proposed shipping	7	1	1.1 (Figure 1.1-1)	1-1 to 1-31
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		route(s),	9	3	Appendix V9-3A	All
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. Identification of sensitive habitat areas for marine fish, anadromous fish and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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		v. Presentation of TK collected related to coastal areas and ice conditions.	3	1, 3	Appendices V3-1C, V3-1G, V3-3A, V3-3B	All, All, All
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT			7	1, 4, 5, 6, 7	1.2, 4.2, 5.2, 6.2, 7.2	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	8.1 BIOPHYSICAL	8.1.13.2 Impact	The Proponent is required to present an impact analysis that gives consideration to				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	the potential for Project shipping activities to impact the marine environment. This analysis shall include the following:	-	-	·	·
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		i. Potential risks and impacts to the marine ecosystem through the introduction of	_	_		
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		ii. Potential impacts on marine water quality from accidental spills of fuel and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		iii. Potential impacts on marine water quality and sediment quality from				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		discharges of Project waste water treatment plants. A solute transport model based on numerical flow modelling should be used for water quality predictions	7	2, 3	2.5.2.6, 2.5.3.6, 3.5.2.6, <u>3.5.3.5</u>	2-26, 2-33 to 2-34, 3-22, <u>3-26 to 3-27</u>
			and appropriate models selected, with rationale, to predict:				
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Water quality discharged to the environment, and	_			2.44. 2.22
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT			7	2	2.5	2-16 to 2-39
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		o Dispersion, dilution and assimilation of effluent discharged to the environment,	7	2	2.5	2-16 to 2-39
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT			10	7	All	All
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		iv. An assessment of the effects of Project activities (i.e. effluent discharge,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		v. Potential impacts of wake effects from shipping on the shoreline stability and			2521 2531 2541 3521 3531 3541 4522 4532 454 462 47 22	3, 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,
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		sensitive fish or marine mammal habitat (i.e. coastal wetlands),	7	2, 3, 4, 5	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	5-37
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND		vi. Potential impacts on sedimentation patterns and subsequent impacts on subsea permafrost in the nearshore region,	-	2	25.42	2.22
AND IMI ACT ASSESSMENT	IMPACT ASSESSMENT		permanose in the nearshore region,	7	3	3.5.4.2	3-28
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		vii. Potential impacts of sedimentation from propeller wash on water quality, fish	_		2.5.2.1, 2.5.3.1, 2.5.4.1, 2.5.5	, 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
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		and fish habitat and, benthic invertebrates,	7	2, 4, 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	to 5-32, 5-34, 5-37
8.0 PROJECT ENVIRONMENT	8.1 BIOPHYSICAL		viii. Potential impacts of ballast water discharge on water quality, fish and				222. 224. 526. 526. 527. 527. 527. 527. 527. 527. 527. 527
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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	8.1 BIOPHYSICAL		ix. Potential impact on marine environment and bio-accumulation in marine food				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		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
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Guidelines Section							
art	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 PROJECT ENVIRONMENT ND 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
.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT	8.1.14 Marine Wildlife		-		-	•
.0 PROJECT ENVIRONMENT ND 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
PROJECT ENVIRONMENT ID 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
D PROJECT ENVIRONMENT ID 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
D PROJECT ENVIRONMENT ID 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
) PROJECT ENVIRONMENT D 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
D PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 Potential direct and indirect impacts to marine wildlife, marine fish and marine habitat from marine shipping activities including increased noise levels, 	7 10	6, 7 6, 15	6.5.2.2, 7.5.2.2 7.4 11	6-27 to 6-33, 7-22 to 7-28 22 to 23 19 to 20
0 PROJECT ENVIRONMENT ID IMPACT ASSESSMENT	8.1 BIOPHYSICAL ENVIRONMENT AND IMPACT ASSESSMENT		 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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ID 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
0 PROJECT ENVIRONMENT ID 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
) PROJECT ENVIRONMENT D 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
) PROJECT ENVIRONMENT D 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
0 PROJECT ENVIRONMENT ND 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
0 PROJECT ENVIRONMENT ID 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
PROJECT ENVIRONMENT D 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	 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
B.O 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
B.O 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
B.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT			-		-	-
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND IMPACT ASSESSMENT	8.2.2.1 Baseline Information	 The labour supply statistics in terms of relative genders, ages and other demographic categories, 	8	3	3.1	3-1 to 3-25

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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	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		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	IMPACT ASSESSMENT 8.2 SOCIO-ECONOMIC		iv. Provision of sector specific breakdown of employment within the NSA and as		·		
AND IMPACT ASSESSMENT 8.0 PROJECT ENVIRONMENT	ENVIRONMENT AND IMPACT ASSESSMENT 8.2 SOCIO-ECONOMIC		pertains to Yellowknife, NT, v. Existing local employment opportunities and labour supply status, and	8	3	Appendix V8-3A	All
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT			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		 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		 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
3.0 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
B.O 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

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art	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	·	v. An evaluation of training programs planned by the Proponent, the associated				
ND IMPACT ASSESSMENT	ENVIRONMENT AND		challenges and likelihood of success of trainees to satisfy the Project needs and	8	3	3.8	3-124 to 3-128
	IMPACT ASSESSMENT		regional economy development with consideration of cultural and language barrier,	10	24, 28	All	All
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.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND		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				
ND IMPACT ASSESSMENT	IMPACT ASSESSMENT		implemented throughout the Project's lifetime, regarding how mine training plans	_	_		
	IMPACT ASSESSMENT		can enhance the transferability of skills after the mine closure (e.g. management	8	3	3.5.3.4, 3.8	3-80 to 3-84, 3-124 to 3-128
			and HR skills, computer skills, heavy equipment experience, finance skills, etc.),	10	24, 28	All	All
			and				
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.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC		vii. A discussion of other possible solutions to fill up the gap between requirements				
ND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT		of project needs, and education level and qualifications of local labour force.	8	3	3.5.3.4	3-80 to 3-84
A DDA IECT ENVIDONMENT		0.2.4.6					
.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND	8.2.4 Contracting and Business					
IND IMI ACT ASSESSMENT	IMPACT ASSESSMENT	Opportunities		<u>-</u>	-	•	•
0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.1 Baseline	i. Provision of the most up-to-date statistics and data available as it relates to				
ID IMPACT ASSESSMENT	ENVIRONMENT AND	Information	contracting and business opportunities from socio-economic studies of	0	2	2.4	2.4 (- 2.25
ND IMPACT ASSESSMENT	IMPACT ASSESSMENT	imormation	communities in the Project RSA,	8	3	3.1	3-1 to 3-25
O DDO IECT ENVIDONMENT			<u> </u>				
.0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND		ii. Estimates of goods supplied to the Project, including country food supply for Inuit workers at the mine, procurement, services contracting, and other				
ID IIII ACT ADDEDDMENT	IMPACT ASSESSMENT		business opportunities in the Project RSA that may result from the Project, and	8	3	3.5	3-42 to 3-104
	"W YO L YOUR DOWN HAIL		basiness opportunities in the Project Ros that may result from the Project, and				
.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		iii. The economy structure and characteristics of the local and regional economies,				
ND IMPACT ASSESSMENT	ENVIRONMENT AND		existing business types, scales of the different sectors of economy, and potential	8	2	2.4	2.4 (- 2.25
ND IMPACT ASSESSMENT	IMPACT ASSESSMENT		capacities to meet the needs of the Project.	8	3	3.1	3-1 to 3-25
0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact					
ND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	 i. An assessment of economic effects, positive and negative, stemming from the Project's contracting and business opportunities through the lifespan of the 	8	3	2522	2/41-2/4
D IMPACT ASSESSMENT	IMPACT ASSESSMENT	Assessment	Project,	8	3	3.5.3.2	3-61 to 3-64
PROJECT ENVIRONMENT		8.2.4.2 Impact	1				
D IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND	Assessment	 Opportunities for local, regional, and territorial businesses to supply goods and services both directly to the Project, and indirectly to meet the demand created 	0	2	3.5.3.2	2 (4 to 2 (4
D IMI ACT ASSESSMENT	IMPACT ASSESSMENT	Assessment	by the expenditure of new income by employment in the Project,	0	3	3.5.3.2	3-61 to 3-64
PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact					
ID IMPACT ASSESSMENT	ENVIRONMENT AND	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	8	2	3.5, 3.6.2.1	3-42 to 3-104, 3-113 to 3-114
IMI ACT ASSESSMENT	IMPACT ASSESSMENT	Assessment	capacity of local business,	0	3	3.3, 3.0.2.1	3-42 to 3-104, 3-113 to 3-114
0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact	iv. An assessment of the contributions made to public, communities and Inuit from				
ND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	the Project,	8	3	3.5	3-42 to 3-104
TO IMI ACT ASSESSMENT	IMPACT ASSESSMENT	Assessment	the Project,	10	26	All	All
.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact	v. An assessment of the project-related procurement, and potential capacity to				
ND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	meet Project needs,	8	3	3.5.3.1, 3.5.3.2, 3.5.3.3	3-48 to 3-80
15 1111 1101 1105255112111	IMPACT ASSESSMENT	7.550557710770	meet roject needs,	o	3	3.3.3.1, 3.3.3.2, 3.3.3.3	3-40 to 3-00
0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact	vi. A discussion on barriers to local business capacity building,				
ND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	The Autocassion on Surveys to total Susmess capacity Surang,	8	3	3.1.2.5, 3.5, 3.8	3-10 to 3-11, 3-42 to 3-104, 3-124 to 3-128
	IMPACT ASSESSMENT			10	24	All	All
0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact	vii. An assessment of existing country food supply sources from the Project region				
ND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	and Nunavut, and opportunities to supply country foods for Inuit workers at the	8	4	3.3.2.2	3-34 to 3-37
	IMPACT ASSESSMENT		Project,	10	28	3.1.2	3 to 4
PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact	viii. An assessment of opportunities for local communities to diversify their				
ID IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	economic sources and to supply new goods and services to meet the need	8	3	3.5.3.2	3-61 to 3-64
	IMPACT ASSESSMENT		generated by the Project, and	J	,	5.5.5. <u>L</u>	3 01 10 3 04
PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.4.2 Impact	ix. Potential impacts on local businesses and services due to temporary closure and				
D IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	final closure.	8	3	3.5.3.2	3-61 to 3-64
	IMPACT ASSESSMENT			J	,	5.5.5. <u>L</u>	3 01 to 3 04
0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.5 Population	1.				
ID IMPACT ASSESSMENT	ENVIRONMENT AND	Demographics		-	<u>-</u>	_	_
	IMPACT ASSESSMENT	J F					
PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.5.1 Baseline	i. A description of regional and local community populations, demographics				
D IMPACT ASSESSMENT	ENVIRONMENT AND	Information	structure, composition, characteristics and population trends, and	8	3	3.1.2.1	3-2 to 3-3
	IMPACT ASSESSMENT		,, , , , , , , , , , , , , , , , , , , ,	ŭ	-	J	52.655
PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.5.1 Baseline	ii. A discussion of observed variations in education levels, dietary habits, religious				
D IMPACT ASSESSMENT	ENVIRONMENT AND	Information	characteristics and other social aspects in different demographic categories in the	8	3, 4	X.1	3-1 to 3-25, 4-1 to 4-22
	IMPACT ASSESSMENT		RSA.	ŭ	٠, ٠	~~.	5 . 65 5 Lb, 1 1 60 1 LL
	8.2 SOCIO-ECONOMIC	8.2.5.2 Impact	i. Potential for project-induced demographic changes in population,				
0 PROJECT FNVIRONMENT		Assessment	migration, (including in-migration from outside of Nunavut), population re-				
0 PROJECT ENVIRONMENT ND IMPACT ASSESSMENT	ENVIKUNMENT AND		distribution or movement of Nunavummiut between communities and the effects	8	3	3.3.2.1	3-30 to 3-34
	ENVIRONMENT AND IMPACT ASSESSMENT			U	J	J.J.L. I	J-JU tU J-J 4
			of those changes, and further details on potential interactions between local				
D IMPACT ASSESSMENT	IMPACT ASSESSMENT	8 7 5 7 Impact	of those changes, and further details on potential interactions between local residents and non-residents,				
D PROJECT ENVIRONMENT D IMPACT ASSESSMENT D PROJECT ENVIRONMENT D IMPACT ASSESSMENT		8.2.5.2 Impact Assessment	of those changes, and further details on potential interactions between local	8	3	3.3.2.1	3-30 to 3-34

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.5.2 Impact	iii. Potential effects from various Project phases, including unemployment as a	1 LIS Volume	TEIS CHapter	1 Elb Section	r age nambers
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	result of temporary suspension of operations or mine closure.	8	3	3.5.3.3	3-64 to 3-80
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		For the purpose of the current Guidelines, traditional activity and traditional				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Activity and Knowledge	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	8.2 SOCIO-ECONOMIC	8.2.6.1 Baseline	o Descriptions, including maps, of traditional and current hunting ranges and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	patterns in the LSA,	8	4 3	4.1 Appendices V3-3A, V3-3B	4-1 to 4-21 All, All
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.6.1 Baseline	iv. Description of the use of caribou as a subsistence species, including harvesting,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	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	8.2 SOCIO-ECONOMIC	8.2.6.2 Impact	i. Potential effects of the Project on the accessibility of caribou and other				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	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	8.2 SOCIO-ECONOMIC	8.2.6.2 Impact	ii. Potential impacts related to accessibility to areas for hunting, fishing, marine				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	harvesting, traveling, recreational and religious activities as a result of the Project development, including a consideration of individual components such as allweather 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
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	 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

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.7.1 Baseline	iii. A description of current and traditional land use areas and the importance of	. 2.5 75.4	. 2.5 Grapes		<u>-</u>
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	those areas to Inuit culture and social well-being,	8	4 3	4.1.2.5 Appendices V3-3A, V3-3B	4-7 to 4-21 All, All
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.7.1 Baseline	iv. A description of known land use activities and relation to the local economy,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	self-reliance, food supplies and livelihood,	8	4	4.1.2.5	4-7 to 4-21
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.7.1 Baseline	v. A description of identified and anticipated overlapping zones and/or areas				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	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	8.2 SOCIO-ECONOMIC	8.2.7.1 Baseline	vi. A description of the current tourism activities and recreational use occurring in				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	the Project region.	8	4	4.1.2.4	4-5 to 4-7
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.7.2 Impact	i. A description of impacts to known non-traditional land and resource use				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	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	8.2.7.2 Impact	ii. A discussion of anticipated interactions between project development and				
	IMPACT ASSESSMENT	Assessment	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	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	8	4	4.5.2.1	4.30 to 4.44
	IMPACT ASSESSMENT		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	8.2.8 Heritage Resources	-	_	-		
	IMPACT ASSESSMENT			<u>-</u>	-	•	•
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND	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				
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT	illioillation	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	8	1	1.1, 1.2, Appendices V8-1A, V8-1B	1-1 to 1-12, All, All
			Nunavut, Department of Culture and Heritage (GN-CH) upon request to assist in its review,				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.8.1 Baseline	ii. A description of regulatory requirements and procedures for recovery and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	removal of artefacts and/or fossils in areas of proposed development, and	8	1	1.1.1	1-1
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.8.1 Baseline	iii. A description of the relationship between the cultural sites and social lives of				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	local communities in the LSA.	8	1	1.1, 1.2, Appendices V8-1A, V8-1B	1-1 to 1-12, All, All
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.8.2 Impact	i. Potential impacts to archaeological and paleontological resources (e.g.,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	burial sites, sacred sites), and other cultural sites within the LSA resulting from	8	1	1.5	1-15 to 1-29
	IMPACT ASSESSMENT		development of Project infrastructure including all-weather roads, mine sites, laydown areas, airstrips, etc.,	Ü	•	1.5	113.6127
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.8.2 Impact	ii. Potential impacts on archaeological and paleontological resources from				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	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	8.2 SOCIO-ECONOMIC	8.2.8.2 Impact	iii. Potential impacts to archaeological and paleontological resources as a result of				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	borrow pit and quarry construction and operation, as well as construction and use				
	IMPACT ASSESSMENT		of access roads. Discussion of how considerations for potential impacts have been	8	1	1.5	1-15 to 1-29
			incorporated in the road routing and design should also be presented, and				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.8.2 Impact	iv. Potential impacts on cultural well-being, religious and spiritual activities				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	which are related to cultural and historic, sacred and spiritual sites.	8	1	1.5	1-15 to 1-29
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9 Health and	For the purpose of the current Guidelines, discussions relating to individual and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Wellbeing	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	8.2 SOCIO-ECONOMIC	8.2.9.1 Baseline	i. A description of the current individual and family well-being including a				
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information	discussion on households, family and community stability,	8	3	3.1.2.7	3-16 to 3-24
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.1 Baseline	ii. A description of household social structures within the RSA, and where possible,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Information	the prevalent representative household social structure, including: the prevalent				
	IMPACT ASSESSMENT		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	8	3	3.1.2.1	3-2 to 3-3
			resources are shared/divided within the household as well as how decisions are made in the household,				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.1 Baseline	iii. A description of the current status of human health in the RSA, including				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Information	mental, and psychological health, well-being, previous history and exposure, and	8	3	3.1.2.7	3-16 to 3-24
	IMPACT ASSESSMENT		identify vulnerable sub-groups where applicable, and				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND	8.2.9.1 Baseline Information	iv. A description of nutritional requirements of residents in the RSA along with				
AND IMPACT ACCECCATENT		intormation	quantitative information on the diet habits of residents, including consideration of				
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT	imormacion	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

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	i. A description of potential impacts to individual and family well-being from the				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	Project,	8	3	3.5.3.5	3-84 to 3-95
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	ii. Potential impacts to household social structure from the Project (e.g. one or				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	two family members working at the mine site),	8	3	3.5.3.5	3-84 to 3-95
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	iii. Potential effects on lifestyle, including the effects of a major employment base				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	away from the communities,	8	3	3.5.3.5	3-84 to 3-95
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	iv. Potential effects on community and family stabilities, and culture				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	integrity due to potential demographic changes,	8	3	3.5.3.5	3-84 to 3-95
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	v. Potential effects on individual, family and community health and wellbeing				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	from workplace and community cross-cultural tension, conflict, and/or racism.	8	3	3.3.2.3	3-34 to 3-37
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	vi. Potential impacts on human mental and physical health and well-being within				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	the RSA resulting from potential indirect effects of the Project. This discussion	8	3	3.5.3.5	3-84 to 3-95
	IMPACT ASSESSMENT		should give consideration to gambling, substance abuse, family violence, sexually	0	3	3.3.3.3	3-04 (0 3-73
			transmitted infections and other communicable diseases,				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	vii. Potential impact on community, family and individual well-being as a result of	<u> </u>			
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	increased access to alcohol and other controlled substances resulting from				
	IMPACT ASSESSMENT		increased incomes as well as the potential movement of these substances through	8	3	3.5.3.5	3-84 to 3-95
			the Project site or via Project- related activities (i.e. stopovers or layovers),				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	viii. Potential impacts on human health associated with traditional lifestyles				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment	where large amounts of country foods are consumed, considering the				
	IMPACT ASSESSMENT		bioaccumulation and take-up of contaminants associated with changes to the level	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
			of contaminants loadings in country foods (i.e. terrestrial and marine wildlife, fish,				
			birds, and vegetation consumed by humans), and				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.2 Impact	ix. Potential impacts to community well-being in the RSA.				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Assessment		8	3	3.5.3.5	3-84 to 3-95
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.9.3 Topics for	i. A description of current substance abuse issues including trends relating to the				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	importation of drugs and alcohol, crime and violence, and other relevant social	8	3	3.1.2.7	3-16 to 3-24
	IMPACT ASSESSMENT		factors,				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		r ii. An overview of the current financial management programs available in the				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	potentially affected communities,	8	3	3.3.2.3	3-34 to 3-37
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	•	,				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	the capacity, availability, and affordability, where relevant, of local	8	3	3.1.2.6, 3.1.2.7	3-11 to 3-24
	IMPACT ASSESSMENT		services and infrastructure (i.e. housing, training, education, day care services,	O	3	J.1.2.0, J.1.2.7	5 11 to 5 2 4
			health care, etc.),				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		r iv. A description of local and regional community and cultural values and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	initiatives that promote and support regional and family health and cohesion.	8	3	3.1.2.7	3-16 to 3-24
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		v. A description of increased pressure on existing social, institutional, and				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	community services, facilities and services, and infrastructure,	8	3	3.3.2.3	3-34 to 3-37
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		r vi. Potential impacts to community safety and security, including indirect impacts				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	on frequency and types of crime incidents, with consideration for a potential	8	3	3.3.2.3	3-34 to 3-37
	IMPACT ASSESSMENT		influx of Project personnel into local communities during the life of the Project,	J	J	5.5.2.3	3 31 10 3 31
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		r vii. Identification and discussion of potential impacts of the Project on accident				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	rates, alcohol/prohibited substance consumption and import/export, and	8	3	3.5.3.5	3-84 to 3-95
	IMPACT ASSESSMENT						
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		r viii. A description of barriers to current financial management programs and any				
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Discussion	incentives that would be provided by the Proponent for healthy financial	8	3	3.5	3-42 to 3-104
0.0.000 IECT 51.7.7.5	IMPACT ASSESSMENT	0.0.40.5	management.				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC						
AND IMPACT ASSESSMENT	ENVIRONMENT AND	Infrastructure and Public Services					
	IMPACT ASSESSMENT	rublic services		-	-	•	·
0.0 DD0 IECT EXTRONUES:	0.3.00010.5001102	0.2.40.4.2. /:	L Description of community, subtract and				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND		i. Description of community, cultural and recreation programs,	•			
AND IMPACT ASSESSMENT	IMPACT ASSESSMENT	Information		8	3	3.1.2.6	3-11 to 3-16
9 O DDO IECT ENVIDONMENT		9 2 40 4 8!	ii Description of existing transportation and transfer out to the				
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC		ii. Description of existing transportation modes and travel routes/roads,	•		2.2.	
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Information		8	3	3.1.2.6	3-11 to 3-16
	IMPACI ASSESSMENT						

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Guidelines Section Part	Castian	Cub	Cuidallia da Tana	EEIC \/_1	EEIC Chamban	FFIC Candian	Dana Musahara
	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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		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		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	ENVIRONMENT AND IMPACT ASSESSMENT	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
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.2 SOCIO-ECONOMIC ENVIRONMENT AND 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		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		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 8 ENVIRONMENT AND IMPACT ASSESSMENT		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 8 ENVIRONMENT AND IMPACT ASSESSMENT		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 8 ENVIRONMENT AND IMPACT ASSESSMENT		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 8 ENVIRONMENT AND IMPACT ASSESSMENT		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		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

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
8.0 PROJECT ENVIRONMENT	8.2 SOCIO-ECONOMIC	8.2.11.2 Impact	iii. Potential impacts on human health from air contamination, fugitive dusts	1 LIS Volume	1 LI3 Chapter	1 LIS Section	ruge Numbers
AND IMPACT ASSESSMENT	ENVIRONMENT AND IMPACT ASSESSMENT	Assessment	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	 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
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.3 HUMAN HEALTH AND ENVIRONMENTAL RISK ASSESSMENT		 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

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Guidelines Section	Soction.	Cubcostiss	Cuidolinas Taut	EEIC Volume	EEIC Chapter	FEIS Section	Page Numbers
Part	Section 8.3 HUMAN HEALTH AND	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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
8.0 PROJECT ENVIRONMENT AND IMPACT ASSESSMENT	8.4 ACCIDENT AND MALFUNCTIONS ASSESSMENT		 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

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL	9.2 ENVIRONMENTAL	Japacelloli	The EPP shall be integrated into procedure documents for all phases of the Project	i Lis foldine	. Els chapter	, LIJ JECCION	i age italibers
MANAGEMENT SYSTEM	PROTECTION PLAN		which target the site management staff, the Proponent's occupational				
			health, safety and	40	4	All	All
			environmental compliance staff, as well as government departments and agencies	10	1	All	All
			tasked with environmental and regulatory compliance monitoring/surveillance.				
O O ENVIRONMENTAL	0.2 ENVIDONMENTAL		A Table of Contents and an apparent of stating for the FDD in to be presented in the				
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,				
NO II VIOLINEI II STOTEM			mitigation measures and contingency planning in combination with other	10	2	All	All
			management plans.				
9.0 ENVIRONMENTAL	9.3 MONITORING AND		In accordance with the EMP, the Proponent shall present individual monitoring and				
MANAGEMENT SYSTEM	MITIGATION PLANS		mitigation plans, specific to various aspects of the Project and the environment, to	10	All	All	All
			be incorporated into all applicable phases of the Project.				
9.0 ENVIRONMENTAL	9.3 MONITORING AND		In these plans, the Proponent is required to outline how results from monitoring				
MANAGEMENT SYSTEM	MITIGATION PLANS		will be used to refine or modify the design and implementation of mitigation measures and management plans.	10	All	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		The plans are meant to ensure that the Project is conducted as proposed,				
MANAGEMENT SYSTEM	MITIGATION PLANS		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	10	All	All	All
			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.				
			1 7 7				
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				
MANAGEMENT STSTEM	MITIGATION PLANS		results, including the position of the person for the implementation of these	10	All	All	All
			mitigation measures, the system of accountability and the phase and component	10	All	All	All
			of the Project to which the mitigation measure would be applied.				
9.0 ENVIRONMENTAL	9.3 MONITORING AND		Each of the monitoring and mitigation plans shall include:				
MANAGEMENT SYSTEM	MITIGATION PLANS			10	All	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		i. Objectives of the monitoring program, applicable laws, regulations and/or Acts,	10	All	All	All
MANAGEMENT SYSTEM	MITIGATION PLANS			10	All	Att	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		ii. The VECs and VSECs to be monitored, with associated parameters and	10	All	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		indicators, and selection criteria/thresholds to be compliant with, iii. A description of the frequency, duration, and geographic extent of monitoring				
MANAGEMENT SYSTEM	MITIGATION PLANS		with justification for each, and identification of the personnel who will	10	All	All	All
			conduct the monitoring, collect, analyze and interpret data,	10	All	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		iv. A description of measures taken to protect the monitoring infrastructure				
MANAGEMENT SYSTEM	MITIGATION PLANS		from climate change and potential major climate events (e.g. extreme flows),	9	2	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		v. Proposed actions in the event that observed results (impacts) differ from those				
MANAGEMENT SYSTEM	MITIGATION PLANS		predicted, including a discussion of actions to be taken for observed non- compliance with the law or regulations, performance targets or with the	40			AU.
			obligations imposed on contractors by the environmental provisions of their	10	All	All	All
			contracts,				
9.0 ENVIRONMENTAL	9.3 MONITORING AND		vi. Proposed reporting scheme for monitoring results, including format, reporting				
MANAGEMENT SYSTEM	MITIGATION PLANS		intervals, and responsible territorial and federal authorities,	10	All	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		vii. An evaluation of the efficiency of mitigation measures, and the compliance	10	All	All	All
MANAGEMENT SYSTEM	MITIGATION PLANS		with Project authorizations,	10	Att	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		viii. Plans for integration of monitoring results with other aspects of the Project				
MANAGEMENT SYSTEM	MITIGATION PLANS		including, adjustments for operating procedures and refinement of mitigation measures,	10	All	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		ix. Procedures/mechanism to assess the effectiveness of monitoring programs,				
MANAGEMENT SYSTEM	MITIGATION PLANS		mitigation measures, and adaptive programs for areas disturbed by the Project,	10	All	All	All
			- 3 γ -	10	711	TII.	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		x. A discussion of the relationship between monitoring plans and the EMP, and	40	All	AII	AII
MANAGEMENT SYSTEM	MITIGATION PLANS			10	All	All	All
9.0 ENVIRONMENTAL	9.3 MONITORING AND		xi. Quality assurance and quality control measures to be applied to monitoring	10	All	All	All
MANAGEMENT SYSTEM	MITIGATION PLANS		programs.				- 111
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				
MANAGEMENT STSTEM	MITIOATION FLANS		data required is useful in understanding the relationship between the natural				
			ecological conditions and the potential Project impacts on these conditions. This	10	All	All	All
			would improve interpretation of monitoring data in order to differentiate between				
			natural variability and project-specific impacts.				
9.0 ENVIRONMENTAL	9.3 MONITORING AND		All monitoring plans should be designed so that results from these programs can be				
MANAGEMENT SYSTEM	MITIGATION PLANS		coordinated with ongoing regional initiatives or programs with relevant	10	All	All	All
0.0.518//0018:5:55:	0.4.01051.0261511		government organizations, or regional authorities.				
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	10	All	All	All
MOINCINEINI DIDIEM	MANAGEMENT PEANS		the biophysical environment as identified in Section 8.1.	10	All	All	All
			The second of th				

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9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	Section 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and Emergency Response Plan	Guidelines Text The Proponent shall also identify any residual effects after appropriate mitigation measures are implemented. 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. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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	FEIS Volume 1 4 5 6 7 8	FEIS Chapter 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	FEIS Section All X.5, X.6, X.7, X.8 All	Page Numbers 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 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS	Management and Emergency	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. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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		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.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	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 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	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. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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		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.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	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 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	and contain appropriate monitoring and evaluation techniques (e.g. indicators) that will allow regulators to intervene in a timely and constructive manner. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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		1, 4, 5, 6, 7 2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.8 X.5, X.6, X.7, X.8 X.5, X.6, X.7, X.8	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 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	and contain appropriate monitoring and evaluation techniques (e.g. indicators) that will allow regulators to intervene in a timely and constructive manner. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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		2, 3, 4, 5, 6, 7 1, 3, 4, 5	X.5, X.6, X.7, X.8 X.5, X.6, X.7, X.8	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 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	and contain appropriate monitoring and evaluation techniques (e.g. indicators) that will allow regulators to intervene in a timely and constructive manner. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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		1, 3, 4, 5 All	X.5, X.6, X.7, X.8	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 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	and contain appropriate monitoring and evaluation techniques (e.g. indicators) that will allow regulators to intervene in a timely and constructive manner. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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		All		
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	and contain appropriate monitoring and evaluation techniques (e.g. indicators) that will allow regulators to intervene in a timely and constructive manner. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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			All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	indicators) that will allow regulators to intervene in a timely and constructive manner. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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			All	All
MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	manner. The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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	10	All		
MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	The plans shall target identified VECs and are to include, but should not be limited to, the following list: 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	10	All		
MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	MANAGEMENT PLANS 9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	to, the following list: 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	10	All		
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	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			All	All
9.0 ENVIRONMENTAL	MANAGEMENT PLANS 9.4 BIOPHYSICAL	Management and Emergency	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				·
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	Emergency	the whole life of the mine and will provide mitigative measures which address the				
		Response Plan		9	3	3	3-1 to 3-21
			i, and the same an	10	3	4.2, 5.5.5	17 to 27, 42 to 43
			describe the likelihood of possible malfunctions and accidents occurring			2, 5.5.5	17 10 27, 12 10 10
			independently of, or associated with natural hazards.				
		9.4.1 Risk	The Proponent shall develop an Emergency Response Plan to be supported by				
		Management and	appropriate manual emergency response capabilities and that can be applied to				
		Emergency	deal with the range of emergency situations considered reasonable under	10	3	All	All
		Response Plan	circumstances of the Project.				
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	The following issues shall be included in the Risk Management and Emergency				-
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management and	Response Plan:				
		Emergency		-	-	-	•
		Response Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	i. An assessment of potential natural hazards in the LSA and shipping corridors,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management and	including frequency, magnitude and possibilities of occurrence. Natural hazards to	9	2, 3	2.2, 3.2	2-1 to 2-7, 3-2 to 3-6
		Emergency	be considered should include extreme weather events, natural seismic events,	10	3	4.2	17 to 27
		Response Plan	landslides, and flooding,				
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	ii. An analysis of the potential for malfunctions and accidents associated with				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management and	Project facilities and activities, including land or ice based, air or marine	9	All	All	All
		Emergency	transportation, occurring independent of, or associated with natural hazards,	10	3	4.3	27 to 35
		Response Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	iii. Annual aviation audits for the aircraft types, companies and infrastructure				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management and	associated with all Project related air transportation and documentation of the	10	3	5.4	37
		Emergency Response Plan	minimum flying height and seasonal flight restriction for the Project area,		3	3	J.
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	iv. An assessment of fire risk to evaluate potential fire hazards, as well as the fire				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management and Emergency	protection systems and features (including both physical attributes and program elements) used to mitigate the effects of fire,	10	3	5.5.2	40
		Response Plan	eternents) used to mitigate the effects of file,				
O O ENNIRONMENTAL	O 4 BIODLIVEICAL		v. Alauting patification and garageting procedures and associated garageting				
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.1 Risk Management and	v. Alerting, notification and reporting procedures, and associated responsible organizations and personnel,				
MANAGEMENT STSTEM	MANAGEMENT LEANS	Emergency	organizations and personner,	10	3	2, 3, 4, 5	5 to 44
		Response Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		vi. Contingency responding procedures corresponding to each risk, and associated				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		security systems and prevention measures, such as monitoring systems, hazard and				
NU II VIOLINEI II SISIEM	710 11 71 10 21 11 12 11 13	Emergency	leak detection systems, fire-control systems, and standby emergency systems,	10	3	4,5	13 to 44
		Response Plan	, , , , , , , , , , , , , , , , , , , ,				
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	vii. A discussion of options for the medical transport of injured staff or persons				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		both within and beyond the Project area,				
		Emergency	,	10	3	5.5.1	37 to 39
		Response Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	viii. A discussion of the constraints resulting from logistics and time frames for				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		prompt reaction, with consideration for the potential distance to an accident				
		Emergency	or emergency site, and possible weather conditions which might cause	10	3	5.5	37 to 44
		Response Plan	considerable delays or obstacles,				
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	ix. A description of how relevant government agencies, Inuit organizations				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		and local communities will be involved in the development and application of the		2		•
			plans if applicable, and	10	3	1.4	2
		Response Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.1 Risk	x. Any other contemplated loss prevention practices, including insurance.				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management and		40	3	8	45
		Emergency		10	15	12, 13	20 to 22
		Response Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.2 Fuel	The Proponent shall develop Fuel Management Plans based on its environmental				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management Plan	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:		<u> </u>		
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.2 Fuel	i. Requirements of federal and territorial regulations,		<u> </u>	<u> </u>	
MANAGEMENT SYSTEM		Management Plan		10	4	4	2 to 3

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e Numbers .7 to 8, 9 to 10 1 to 2 13 to 15 17 to 23 4, 16 to 17 7 to 14 4, 16 to 17 7 to 14 All to 25, All - 3 to 4
1 to 2 13 to 15 17 to 23 4, 16 to 17 7 to 14 4, 16 to 17 7 to 14 All to 25, All
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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		ii. Marine transportation to be used for the Project including fuel tankers,				· -9- · ·
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Oil Pollution Emergency Plans (SOPEPs)	container ships, barges, tugs, and any other marine vessels,	10	6	3.1, 3.2, 4	4, 9 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Oil Pollution	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,	10	6	7.2	19 to 20
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.3.3 Shipboard	iv. Procedures for accident/incident reporting and principle emergency response,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Oil Pollution Emergency Plans (SOPEPs)	and	10	6	7.3	20 to 22
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.	10	6	7.2, 7.3, 7.4	19 to 23
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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	9.4 BIOPHYSICAL	9.4.4 Site Water	i. Surface runoff, snowmelt, and rainwater that might come in contact with	10	7	24252427	445-42
MANAGEMENT SYSTEM	MANAGEMENT PLANS		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	 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	9.4 BIOPHYSICAL		iii. Runoff from the lined fuel tank farms, fuel transfer stations, and landfill	10	7	3.4, 3.5, 3.6, 3.7	14 to 42
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	Management Plan	facilities, iv. The prediction of the artesian inflow into the tailing management facilities	10		5.4, 5.3, 5.0, 5.7	14 (0 42
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management Plan	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		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		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	9.4 BIOPHYSICAL	9 4 4 Site Water	vii. Contingency plans should the mine water volumes be significantly larger or less				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management Plan	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		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		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	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		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	xii. Conceptual operation and maintenance plans, including options for sewage	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		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

Table V1-1A. Table of Conformity

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		The Proponent shall present an Ore Storage Management Plan which encompasses				
ANAGEMENT SYSTEM	MANAGEMENT PLANS	Management Plan	all ore generated or produced by the Project and includes at a minimum:	10	8	All	All
ENVIRONMENTAL	9.4 BIOPHYSICAL		i. A discussion of the predicted ore stockpile volumes/tonnage,				
AGEMENT SYSTEM	MANAGEMENT PLANS	Management Plan	physiochemical characteristics, stockpile methods and procedures including dust control, runoff management, progressive reclamation plans, and other details as	10	8, 29	3.1, 3.2, 3.3, 3.4, 6	2 to 5, 6 to 7
			deemed relevant,			2.1, 2.2, 2.5, 3.4, 5.11	9 to 11, 13 to 14, 15 to 16, 25 to 26
ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.5 Ore Storage	ii. A description of analyses implemented in the development of the proposed pile				
AGEMENT SYSTEM	MANAGEMENT PLANS	Management Plan	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	10	8	3.1, 3.2, 3.3, 3.4, 6	2 to 5, 6 to 7
			of control measures to ensure seepage and runoff do not impact the surrounding				
			environment,				
ENVIRONMENTAL	9.4 BIOPHYSICAL	-	iii. A discussion on the means to minimize loss of ore material to the environment	10	8	6.2	7
AGEMENT SYSTEM ENVIRONMENTAL	9.4 BIOPHYSICAL	<u>~</u>	by wind and other means,	-			
AGEMENT SYSTEM	MANAGEMENT PLANS		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	10	8	3	2 to 5
			not adequate to accommodate ore actually generated,				
ENVIRONMENTAL	9.4 BIOPHYSICAL		v. Details regarding the process for selecting the preferred options for				
AGEMENT SYSTEM	MANAGEMENT PLANS	management Plan	management of ore stockpile, including a discussion of alternative options (methodologies as well as locations) considered, and the rationale by which the	2 10	4 8	4.2.4 3.5	4-9 to 4-11 5 to 6
			proposed scheme was selected, and	10	0	3.3	3 (0 6
ENVIRONMENTAL	9.4 BIOPHYSICAL	_	vi. A conceptual plan to monitor and audit ore generated.	10	8	7	7
AGEMENT SYSTEM ENVIRONMENTAL	9.4 BIOPHYSICAL	Management Plan	The Proponent shall present a Mine Waste Management Plan which addresses all				·
AGEMENT SYSTEM	MANAGEMENT PLANS		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	10	0	All	All
			Suphidic Geologic Materials (Price, 2009) and Cold Regions Cover System Design Technical Guidance Document (O'Kane Consultants, 2012) in the identification of	10	7	All	Att
			the waste rock characteristics as well as resulting plan. The Plan shall include, at				
			a minimum:				
ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.6 Mine Waste	i. A discussion of the predicted volumes/tonnage, physicochemical characteristics,				
IAGEMENT SYSTEM	MANAGEMENT PLANS		segregation criteria, stockpile methods and procedures including dust control,		q	3, 7	2 to 10, 11 to 12
		Management Plan	runoff and seepage management, progressive reclamation plans, and other details as deemed relevant for both waste rock and tailings,	10	22	3.1	2 to 4
			as seemed reterant to south muste rock and takings,				
ENVIRONMENTAL	9.4 BIOPHYSICAL		ii. A description of analyses implemented in the development of the proposed pile				
AGEMENT SYSTEM	MANAGEMENT PLANS	_	design and runoff and seepage management plans, include description and analysis				
		Management Plan	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	10	9	3, 7	2 to 10, 11 to 12
			control measures to ensure seepage and runoff do not impact the surrounding				
			environment,				
ENVIRONMENTAL	9.4 BIOPHYSICAL		iii. A description of analyses implemented in the development of the proposed				
IAGEMENT SYSTEM	MANAGEMENT PLANS		pond design and runoff and seepage management plans, include description and analysis of the water balance, the physical and chemical characteristics of				
		management ran	seepage and runoff from surrounding area, as well as the thermal condition of	2	7	Appendix V2-7E	All
			the pond and surrounding ground, and consideration in the design of control	10	9	3, 7	2 to 9, 11 to 12
			measures to ensure seepage and runoff do not impact the surrounding environment,				
FNI/IDONINENTAL	O 4 BIODIIVEICAL	0.47.11: 11/	·				
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		iv. A description of the potential for rock heave phenomena and any resulting implications to ground stability,	10	0	3.5	9
		Management Plan		10	,	3.3	U
ENVIRONMENTAL	9.4 BIOPHYSICAL		v. A discussion of proposed plans for accommodating the projected volumes of				
AGEMENT SYSTEM	MANAGEMENT PLANS		materials at waste rock and tailings facilities, with a discussion of measures for		9	3	2 to 10
		management Plan	contingency situations in which the designed facilities may not be adequate to accommodate the volumes of waste rock and tailings actually generated,	10	22	3.1	2 to 4
			actually generated				
ENVIRONMENTAL	9.4 BIOPHYSICAL		vi. Details regarding the process for selecting the preferred options for the				
IAGEMENT SYSTEM	MANAGEMENT PLANS	_	management of waste rock and tailings, including a discussion of alternative	2	4	4.2.5, 4.2.6	4-11 to 4-18
		management Plan	options (methodologies as well as locations) considered, and the rationale by which the proposed schemes were selected,	10	9	3.7	8 to 10
ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.6 Mine Waste	vii. Detailed information on the waterways impacted by the proposed deposition of				
NAGEMENT SYSTEM	MANAGEMENT PLANS		tailings to determine whether or not the Navigable Waters Protection Act				
			(or subsequent replacement legislation) applies, as well as details of any	10	22	6.4	15
			anticipated impacts to navigation on any waterways listed as "navigable", and				

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		vii. Detailed information on the waterways impacted by the proposed deposition of				· -g- · · · · · · · · ·
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Rock and Tailings	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	9.4 BIOPHYSICAL		viii. Conceptual plans to monitor and audit mine waste rock and tailing ponds.		9	8	12 to 13
MANAGEMENT SYSTEM	MANAGEMENT PLANS	-		10	22	7	16
O O ENVIRONMENTAL	0.4.00011//01041	Management Plan					
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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	9.4 BIOPHYSICAL		i. Landfill management plans for the mining operations phase,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	-	t l	10	10	7.3	10 to 12
		Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		ii. A discussion of measures taken during periods of rainwater, snow and spring				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		t freshet,	10	10	All	All
		Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		iii. Landfill closure and reclamation plans,		10	7.3	10 to 12
MANAGEMENT SYSTEM	MANAGEMENT PLANS		t 	10	29	5.10	25
		Plan				****	
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		iv. A description of plans to reduce/reuse/recycle Project wastes, and				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Waste Management Plan		10	10	4.3	4 to 5
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		v. A discussion of any planned use of municipal waste management facilities or			. <u>-</u>	
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Plan	Liservices.	10	10	4, 7	2 to 6, 9 to 15
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		The Proponent shall develop a Hazardous Materials Management Plan. The				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials	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	9.4 BIOPHYSICAL	9.4.8 Hazardous	i. Characterization of potential environmental hazards posed by these materials,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials	and the management of these through the environmental management system,	10	12	6	6 to 11
		Management Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.8 Hazardous	ii. Purchasing controls, shipment tracking procedures,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials		10	12	10	22 to 28
		Management Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.8 Hazardous	iii. Fuel storage monitoring program,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials		10	12	9	22
		Management Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.8 Hazardous	iv. Safe handling and storage procedures,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials		10	12	7.3, 7.4, 7.5	12 to 22
		Management Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		v. A discussion of the allocation of responsibilities for managing shipments,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials	storage, handling and use of potentially hazardous materials,	10	12	7.3	12 to 22
		Management Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		vi. Contingency and emergency response plans associated with hazardous				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials	materials,	10	12	6.2, 7.4	10 to 11, 21 to 22
		Management Plan					
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		vii. Type and delivery of training for management, workers, and contractors				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials	whose responsibilities include handling potentially hazardous materials as well as				
		management Plan	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	10	12	6.3	11
			Mounted Police detachment, etc.),				
0.0. 5\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0.4.01000000000000000000000000000000000	0.10.7	i ii				
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		viii. Procedures for the maintenance and review of records of hazardous material				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Materials Management Plan	consumption and incidents in order to anticipate and avoid impacts on human health and the environment,	10	12	11	28 to 29
0.0. ENVIRONMENT	0.4 01001046161		·				
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		ix. Plans for unused chemicals and/or reagents upon the completion of Project				•
WALKILL INTOWNAME	MANAGEMENT PLANS	Materials Management Plan	activities,	10	12	7.3.6	21
0.0. ENNIBONISTE	0.4 01001046161		Described to the described and management of the control of the co				
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.8 Hazardous Materials	x. Procedures to track and manage wastes generated through use of these products, including shipments of potentially hazardous waste to licensed disposal	40	43	40 44 42	22 5- 20
MAINOLINEITI SISIEM	MANAGEMENT PLANS	Management Plan		10	12	10, 11, 12	22 to 29
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL						
MANAGEMENT SYSTEM	MANAGEMENT PLANS	9.4.8 Hazardous Materials	xi. A discussion on the waste management at the dock site including shipping waste generated on board and hazardous waste.	10	12	71 725	11 20 +c 24
MAINGEMENT STOTEM	MANAGEMENT FEANS	Management Plan		10	12	7.1, 7.3.5	11, 20 to 21

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uidelines Section							
ort	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
0 ENVIRONMENTAL ANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
D ENVIRONMENTAL ANAGEMENT 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
ENVIRONMENTAL NAGEMENT 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
) ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		iii. Personnel training programs for incinerator management and operation, and	10	11	6.4, 6.5	4 to 6
) ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		iv. Collection and reporting of operational data and maintenance records.	10	11	8, 9, 10, 11, 12	8 to 10
) ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.10 Roads Management Plan	 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
) ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		 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
ENVIRONMENTAL IAGEMENT 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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		vii. Measures for preventing the permafrost degradation during construction and operation of ground transportation,	10	14	4.2, 7.3	11 to 12, 16
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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
ENVIRONMENTAL NAGEMENT 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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		xi. Safety procedures, emergency reporting and procedures for fuel/chemical spills, and other emergency events	10	14	8	17 to 21
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		xiii. A discussion of potential future uses (e.g. potential public use).	10	14	12	22
ENVIRONMENTAL IAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		 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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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
ENVIRONMENTAL IAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
ENVIRONMENTAL IAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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
ENVIRONMENTAL NAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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

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Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.11 Shipping	ii. A description of basic contingency planning associated with the marine transportation component of the project, particularly in relation to the movement	10	15	2, 7.4	6, 14
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		of oil, explosives and other hazardous materials, 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		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,	10	5, 6	8.2.3 3.3.5	24 to 25 6 to 7
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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		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		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
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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		10	15	JIA	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	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	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		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		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		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		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		xv. Identified third party liabilities, and	10	15	Appendix A	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Management Plan	11. 2	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	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	siii. 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	<u>72</u> 6 to 7
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Cuidolinos Santia							
Guidelines Section Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		v. Aggregate extraction and quarry methods, with associated mitigation	. 2.5 7 5.4	. 2.5 Capre.	1 210 500000	1 452 141112213
MANAGEMENT SYSTEM	MANAGEMENT PLANS		measures for potential impacts on the environment, including archaeological,	10	16	3, 6	2 to 12
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.12 Borrow Pits	vi. Proposed methods for handling ice, with plans to manage water released by the				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	and Quarry Management Plan	thawing of permafrost and ground ice, and	10	16	6.4	11 to 12
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		vii. A progressive reclamation strategy and associated technologies.				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Management Plan		10	16	3.6	7 to 9
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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		i. Applicable federal and territorial Regulations and Acts,	10	13	4	3 to 4
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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	9.4 BIOPHYSICAL	9.4.13 Explosives	iii. Details on the manufacture and storage facilities for Ammonium Nitrate and				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		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		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		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		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	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	ix. An internal audit and inspection.	10	13	9.1	19 to 20
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL		The Proponent shall develop an Air Quality Monitoring and Management Plan in				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Monitoring and	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	Monitoring and	 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	Monitoring and	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	Monitoring and	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	Monitoring and	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		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		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	 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	 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	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	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	9.4 BIOPHYSICAL	9.4.15 Noise	v. A description of noise attenuation and minimization measures to be employed				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		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		vi. Occupational related noise management programs.	10	18	3	1 to 2

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Guidelines Section							
Part Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.16 Aquatic	The Proponent shall develop an Aquatic Effects Management Plan to provide	i Li3 votuille	i Lis Chapter	i Lis section	rage Mullibers
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Effects	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:	10	19	All	All
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	i. Applicable standards, guidelines and regulations,	10	19	4	2 to 3
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	ii. Erosion and sediment control measures for works in or near waterbodies and watercourses,	10	19	6.1.2	4 to 8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.16 Aquatic Effects Management Plan	 Measures to be applied to protect fish, aquatic biota, and the habitat of both during blasting in or near freshwater and marine environments, 	10	19	6.1.3	8
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Effects	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,	10	19	6.1.4	8 to 12
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	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),	10	19	7.2.4	22
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Effects	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	10	19	7	12 to 35
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Effects	vii. A description of how indictors, 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.	10	19	7	12 to 35
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Mitigation and	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:	10	20	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,	10	20	7.1.4	49 to 50
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,	10	20	2, 3, 4, 6, 7.1	2 to 51
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Mitigation and	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,	10	20	1.1	1 to 2
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Mitigation and	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,	10	20	7.1.2	48
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,	10	20	7.1	47 to 51
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Mitigation and	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,	10	20	7.3	77 to 112
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS		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,	10	20	7.2, 7.3	51 to 112
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Mitigation and	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,	10	20	7.2, 7.3	51 to 112
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,	10	15	11	19 to 20
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Mitigation and	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,	10	20	6	7 to 47

Table V1-1A. Table of Conformity

Guidelines Section							
art	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
.0 ENVIRONMENTAL	9.4 BIOPHYSICAL	9.4.17 Wildlife	xi. Measures to minimize noise disturbance to wildlife and hunters/travellers		•		
ANAGEMENT SYSTEM	MANAGEMENT PLANS	Mitigation and Monitoring Plan	when conducting aerial wildlife surveys,	10	20	7.3	77 to 112
0 ENVIRONMENTAL ANAGEMENT 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,	10	20	6.2, 6.4	8 to 14, 17 to 21
D ENVIRONMENTAL NAGEMENT 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,	10	20	6.2, 6.4	8 to 14, 17 to 21
0 ENVIRONMENTAL ANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	Mitigation and	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),	10	20	6.3	14 to 17
0 ENVIRONMENTAL ANAGEMENT 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,	10	20	7.3	77 to 112
0 ENVIRONMENTAL ANAGEMENT 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,	10	20	9	113
0 ENVIRONMENTAL ANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xvii. Quality assurance and quality control measures, and	10	20	13	114
0 ENVIRONMENTAL ANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.17 Wildlife Mitigation and Monitoring Plan	xviii. Reporting and plan updating procedures.	10	20	11	113 to 114
.0 ENVIRONMENTAL NANAGEMENT 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:	10	21	All	All
0 ENVIRONMENTAL ANAGEMENT SYSTEM	9.4 BIOPHYSICAL MANAGEMENT PLANS	9.4.18 No Net Loss Plan	i. Requirements of related DFO policies,	10	21	1.1.1	6 to 7
0 ENVIRONMENTAL ANAGEMENT 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,	10	21	2	7 to 14
0 ENVIRONMENTAL ANAGEMENT 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,	10	21	3	14 to 20
) ENVIRONMENTAL NAGEMENT 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,	6 7 10	6, 7 4, 5 21	6.5.3, 6.8, 7.5.3, 7.8 4.5.3, 4.8, 5.5.3, 5.8 3, 5, 9	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
ENVIRONMENTAL NAGEMENT 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.),	10	21	3	14 to 20
ENVIRONMENTAL NAGEMENT 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,	10	21	2.1.3	12 to 13
ENVIRONMENTAL NAGEMENT SYSTEM	MANAGEMENT PLANS	Plan	vii. A description of the location(s) of the tailings impoundment area and the fish habitat affected by the deposit,	10	21	4	20 to 22
ENVIRONMENTAL NAGEMENT SYSTEM	MANAGEMENT PLANS	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,	10	21	3, 4	14 to 22
ENVIRONMENTAL NAGEMENT SYSTEM	MANAGEMENT PLANS	Plan	ix. A description of measures to be taken to monitor plan implementation,	10	21	5, 7.2.2, 7.5	22 to 27, 45 to 46, 65 to 66
) ENVIRONMENTAL NAGEMENT SYSTEM	MANAGEMENT PLANS	Plan	x. A description of the measures to be taken to verify the extent to which the plan's purpose has been achieved,	10	21	7.5	65 to 66
ENVIRONMENTAL NAGEMENT 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	10	21	7.4.3, Table 7.4-1, 7.5	64-66
ENVIRONMENTAL NAGEMENT 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.	10	21	2	<u>7 to 14</u>
0 ENVIRONMENTAL ANAGEMENT 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

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Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	5425561011	The Proponent shall describe its socio-economic mitigation and monitoring plans	. a.s , static	. 2.0 G. apres.	. === =================================	· «ge ··lulii»ei3
MANAGEMENT SYSTEM	MANAGEMENT PLANS		and mitigation programs, including how they will identify, react and mitigate	8	3	3.8, 3.9	3-124 to 3-139
			potentially adverse socio-economic impacts and augment positive socio-economic	10	23, 24, 26, 28	All	All
			impacts.				
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC		In consultation with the Kitikmeot Socio-Economic Monitoring Committee (SEMC),				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		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	10	22	All	All
			regarding the success of such mitigation measures as part of the Proponent's	10	23	All	All
			assessment of impacts and development of these plans.				
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC		The Proponent shall outline how the predominant regional language/dialect in the				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		RSA will be incorporated into each respective plan. The management plans shall	8	3	3.8	3-124 to 3-128
			include, but are not limited the following individual plans:				
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	10	24	All	All
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.1 Business	i. Commitments (e.g., workforce percentage) and strategies for local/regional				
MANAGEMENT SYSTEM			preferential hiring and contracting,	10	24	7.1	5 to 8
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.1 Business	ii. Strategies for building capacity for local businesses and entrepreneurs,				
MANAGEMENT SYSTEM		Development Plan		10	24	7.2	8 to 9
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.1 Business	iii. Communication methods to share information on opportunities with local or	40	24	7.1	5 to 8
MANAGEMENT SYSTEM			regional businesses,	10	26	7.4	9 to 10
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC		iv. Community-based investment or initiatives that may lead to economic	10	24	7.3	9 to 10
MANAGEMENT SYSTEM		Development Plan		10	21	7.3	7.0.10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC		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		F
MANAGEMENT STSTEM	MANAGEMENT PLANS	Development Plan	project-specific benefits can remain in the kitikineot region and/or in nunavut.	10	24	7.1	5 to 8
9.0 ENVIRONMENTAL	9 5 SOCIO-ECONOMIC	9.5.2 Occupational	The Proponent shall present an Occupational Health and Safety Plan focusing on				
MANAGEMENT SYSTEM			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			i. An overview of the occupational health and safety program for the activities and				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		works being proposed,	10	25	1	1 to 3
		Plan				·	
9.0 ENVIRONMENTAL	0 E COCIO ECONOMIC	0. F. 2. Occupational	ii. Policies and guidelines regarding interaction with Nunavut's medical health				
MANAGEMENT SYSTEM		•	system including the provision of relevant health and safety information regarding				
No to to Energy State of the St	Man de Merce de la companya de la co	Plan	hazardous materials, including Material Safety Data Sheets to the appropriate	10	25	3.12	11
			health centers and any emergency response staff,				
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.2 Occupational	iii. Safety and management procedures related to hazardous chemical,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		physical, and biological agents and materials, including their manufacture,	10	25	2.4	4 to 5
		Plan	storage, use and disposal,	10	25	3.1	4 to 5
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS		iv. Best safety practices and safety awareness programs,				
MANAGEMENT STSTEM	MANAGEMENT PLANS	Plan		10	25	3.7	8
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.2 Occupational	v. An overview of the workplace conditions, such as accommodation,				
MANAGEMENT SYSTEM			food/nutrition, health and safety, alcohol/drug/smoking policies, and recreation,		25	2.0	
		Plan		10	25	3.13	11 to 13
9.0 ENVIRONMENTAL			vi. Employee involvement and related training programs for ensuring				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		awareness of employee responsibilities in environmental and health and safety	10	25	3.8	8 to 9
		ridii	management, including roles pertaining to safety orientation, hazard analysis, first- aid training, human-wildlife encounters and protocols to follow, etc.,	: -	-		 ·
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.2 Occupational	vii. Risk management and safety management details regarding the preparedness				
MANAGEMENT SYSTEM			of mine safety equipment and devices,				
		Plan		10	25	3	4 to 14
9.0 ENVIRONMENTAL			viii. Procedures for emergency incidence reporting and actions including				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		procedures for medical transport of injured staff or persons, including transport				
		Plan	from the location of the incident to help, ambulance or medical transportation	10	25	3.9, 3.11	9 to 11
			onsite, and medevac to local health center, hospital, or referral south,				
O O ENVIRONMENT!	0 5 00010 5001101115	0.5.3.0	in Details agreeding regulates a section of the sec				
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS		ix. Details regarding workplace monitoring and control, and				
MANAGEMENT STSTEM	MANAGEMENT FEANS	Plan		10	25	3.1, 3.13	4 to 5, 11 to 13
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.2 Occupational	x. First aid training and occupational medical surveillance.				
LITTINOTHINLITTAL							
MANAGEMENT SYSTEM	MANAGEMENT PLANS			10	25	2 12	4.4
	MANAGEMENT PLANS	Health and Safety Plan		10	25	3.12	11

Table V1-1A. Table of Conformity

Guidelines Section Part	s .:						
	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
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	10	26	All	All
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC		i. Provision of a clear definition of public and community for the purposes of the				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	-		10	26	7	5 to 10
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.3 Community	ii. Mechanisms for providing information to the public and potentially affected communities regarding regular updates of Project's progress, initiatives and future	40	24	74.70	50
WARAGEMENT STSTEM	MANAGEMENT FEATS	involvement rian	work plans (e.g. training opportunities, hiring information, etc.),	10	26	7.1, 7.2	5 to 8
9.0 ENVIRONMENTAL			iii. Plans and procedures for communicating with the public and Project employees	10	26	7.1	5 to 7
MANAGEMENT SYSTEM	MANAGEMENT PLANS		during any temporary closure or slowdown periods,	10	20	7.1	3.07
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM			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			v. Methods to evaluate public engagement efforts in order to identify the	10	26	7.3	8 to 9
9.0 ENVIRONMENTAL			effectiveness of the plan, vi. Measures to assist communities with addressing potential social needs and	10	20	7.5	0.07
MANAGEMENT SYSTEM			problems related to the Project, including proposed counselling services for				
			employees and their families regarding matters such as substance abuse, work-	10	26	7.4	9 to 10
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	0.5.2 Community	related stress management, family support, etc.,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		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			viii. Plans for promoting local contracting opportunities and purchasing of local	10	26	7.4	9 to 10
MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL			products (e.g. country foods), ix. A discussion of how input from communities has influenced the design and				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		implementation of monitoring plans and initiatives,	10	26	7.2	7 to 8
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC		x. A discussion of communications procedures for the Proponent and members of				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Involvement Plan	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	9.5 SOCIO-ECONOMIC	9.5.3 Community	xi. A discussion of procedures for community-based monitoring of social, cultural,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Involvement Plan	and ecological conditions to determine if, when, and how the Project	10	26	7.5	10
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.4 Cultural and	contributes to community sustainable development. The Proponent shall, in consultation with the Government of Nunavut-Department				
MANAGEMENT SYSTEM			of Culture and Heritage, present a Cultural and Heritage Resources Protection Plan				
		Protection Plan	which includes the following:	10	27	All	All
9.0 ENVIRONMENTAL	9 5 SOCIO-FCONOMIC	9.5.4 Cultural and	i. Applicable regulations and guidelines for management of potential impacts to				
MANAGEMENT SYSTEM			identified cultural and heritage resources,				
		Protection Plan		10	27	2	1
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.4 Cultural and	ii. Results of archaeological investigations and studies,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		n. Results of archaeotogical investigations and studies,				
		Protection Plan		10	27	1, 3, 8	1 to 2, 6 to 12
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.4 Cultural and	iii. Inventory of known archaeological resources in Project areas,				
MANAGEMENT SYSTEM	MANAGEMENT PLANS		in inventory of known dichaeological resources in Project dicas,	8	1	1.5	1-15 to 1-29
		Protection Plan		10	27	3	1 to 2
9.0 ENVIRONMENTAL	9 5 SOCIO-FCONOMIC	9.5.4 Cultural and	iv. A discussion of how the results from the Proponent's impact assessment have				
MANAGEMENT SYSTEM			been considered and incorporated into the plan, and	10	27	2	440.2
		Protection Plan		10	27	3	1 to 2
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9 5 4 Cultural and	v. General and site-specific measures for the protection of archaeological sites and				
MANAGEMENT SYSTEM		Heritage Resources	mitigation of potential adverse impacts.	10	27	2.4	440.2
		Protection Plan		10	27	3, 4	1 to 2
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.5 Human	The Proponent shall develop a Human Resource Plan, consulting with relevant GN				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Resources Plan	departments where applicable, which includes the following:	10	28	All	All
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.5 Human	i. Applicable human resources legislation, the Proponent's understanding of				
MANAGEMENT SYSTEM	MANAGEMENT PLANS	Resources Plan	labour standards practices and how the Proponent will meet the requirements developing employment policies and the Proponent's policies on compensation and	10	28	3, 7.1	2 to 7, 9 to 13
			benefit programs (e.g. health care plan, insurance, vacation/maternity leave,			5,	26.,7613
0.0. ENVIDONMENTAL	0 E COCIO ECONOMIC	0.5.5.15	etc.),				
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	10	28	7.2	13 to 15
			schedules, etc.,			·· ·	
9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	9.5.5 Human	iii. A strategy discussing steps to reduce labour force entry barriers and	10	28	3.1, 7.1	2 to 6, 9 to 13
MANAGEMENT SYSTEM 9.0 ENVIRONMENTAL	9.5 SOCIO-ECONOMIC	Resources Plan 9.5.5 Human	improvement to employee retention, iv. Any plans for training programs designed to assist the local labour force with			·	· · · · · · · · · · · · · · · · · · ·
MANAGEMENT SYSTEM	MANAGEMENT PLANS		potential employment at the mine (e.g. partnerships with local schools and other	10	28	7.3	15 to 18
			educational institutions, on-the-job learning, and apprenticeships),				
) 0 F/10/10 O/10/F:	0 F COCIC ====::-						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.5 SOCIO-ECONOMIC MANAGEMENT PLANS	9.5.5 Human Resources Plan	 Education and Orientation Plan to assist employees to understand their responsibilities in environmental protection and health and safety management, 	10	28	7.1	9 to 13

Table V1-1A. Table of Conformity

Guidelines Section Part 9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	Section 9.5 SOCIO-ECONOMIC	Subsection	Guidelines Text	FEIS Volume	FFIC Chamban		
9.0 ENVIRONMENTAL							5 N I
	9.5 SOCIO-ECONOMIC			reis volume	FEIS Chapter	FEIS Section	Page Numbers
MANAGEMENT STSTEM	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	 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
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		 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	7	Appendix V2-7D	All 47 to 27
				10	3 29	4.2 2.2	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

Table V1-1A. Table of Conformity

Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
9.0 ENVIRONMENTAL	9.6 MINE CLOSURE AND		xiv. The Plan is to be considered a "living" document, the level of detail should				
MANAGEMENT SYSTEM	RECLAMATION PLAN		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	10	29	1.7, 1.8	7 to 9
			consultations with communities and other stakeholders on methods to be used,				
			and potential uses for project infrastructure, etc.				
9.0 ENVIRONMENTAL	9.6 MINE CLOSURE AND	9.6.1 Care and	A preliminary Care and Maintenance Plan shall be developed for the Project in				
MANAGEMENT SYSTEM			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	10	29	3	14 to 17
			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.				
9.0 ENVIRONMENTAL	9.7 FOLLOW-UP AND		A follow-up plan is a formal, ongoing process to verify the accuracy of the				
MANAGEMENT SYSTEM	ADAPTIVE MANAGEMENT		environmental impact predicted in the environmental assessment and permitting				
	PLANS		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:				
			environmentat management system.				
9.0 ENVIRONMENTAL	9.7 FOLLOW-UP AND		i. The need for such a follow-up and adaptive management plan and its objectives,				
MANAGEMENT SYSTEM	ADAPTIVE MANAGEMENT		The need for sach a forten up and adaptive management plan and its objectives,	10	1	13	13 to 21
	PLANS				·		15 15 21
9.0 ENVIRONMENTAL	9.7 FOLLOW-UP AND		ii. How this plan will be structured including responses to any enforcement				
MANAGEMENT SYSTEM	ADAPTIVE MANAGEMENT		action or penalties for non-compliance,	10	1	13	13 to 21
	PLANS						
9.0 ENVIRONMENTAL	9.7 FOLLOW-UP AND		iii. Which elements of the monitoring program described in Section 9.3,				
MANAGEMENT SYSTEM	ADAPTIVE MANAGEMENT		would be incorporated,	10	1	13	13 to 21
	PLANS						
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT		iv. The mechanisms, through which monitoring results will be analysed, and if				
MANAGEMENT STSTEM	PLANS		necessary, adjusted mitigation measures or adaptive management plan will be employed. In addition, how the effectiveness of the new mitigation measure	10	1	13	13 to 21
	. 2		will be assessed and verified,				
9.0 ENVIRONMENTAL	9.7 FOLLOW-UP AND		v. The roles to be played by the Proponent, regulatory agencies, and others in such				
MANAGEMENT SYSTEM	ADAPTIVE MANAGEMENT		a plan, and possible involvement of independent researchers,	10	1	13	13 to 21
	PLANS						
9.0 ENVIRONMENTAL	9.7 FOLLOW-UP AND		vi. The sources of funding for the plan and reporting,				
MANAGEMENT SYSTEM	ADAPTIVE MANAGEMENT			10	1	13	13 to 21
	PLANS						
9.0 ENVIRONMENTAL	9.7 FOLLOW-UP AND		vii. How an increased and perhaps unforeseen cost associated in a plan would be				
MANAGEMENT SYSTEM	ADAPTIVE MANAGEMENT PLANS		managed in implementing such measures, and	10	1	13	13 to 21
0.0. ENN//DONINENEAL			The constitution of the character of the				
9.0 ENVIRONMENTAL MANAGEMENT SYSTEM	9.7 FOLLOW-UP AND ADAPTIVE MANAGEMENT		viii. The quantitative triggers or thresholds that will indicate the need to alter or vary the management plan or mitigation measures.	40	4	42	42 + 24
MAINAGEMENT 3131EM	PLANS		rally the management plan of initigation illeasures.	10	1	13	13 to 21
9.0 ENVIRONMENTAL	9.8 SIGNIFICANCE OF		After having established the mitigation measures, the EIS shall present the residual				
MANAGEMENT SYSTEM	RESIDUAL IMPACTS		effects assessment of the Project on the components of the biophysical and human	4			
			environments, so that the reader can clearly understand the real consequences of	1	6, 8 1, 2		
			the Project, the degree of mitigation of the effects and which effects cannot be	5	4, 5, 6, 7, 8, 9, 10		
			mitigated or compensated for.	6	1, 4, 5, 6, 7	All	All
				7	2, 3, 4, 5, 6, 7		
				8	1, 3, 4, 5		
9.0 ENVIRONMENTAL	9.8 SIGNIFICANCE OF		The Proponent should include a summary table in this section of its EIS, which	4	1, 2		1-15 to 1-33, 2-11 to 2-27
MANAGEMENT SYSTEM	RESIDUAL IMPACTS		presents the effects before and after mitigation on the various components of the	4 5	4, 5, 6, 7, 8, 9, 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
			environment, the mitigation measures applied and the residual effects have been assessed.	6	1, 4, 5, 6, 7	X.5, X.6, X.7, X.8, X.9, X.10	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
			4555555	7	2, 3, 4, 5, 6, 7	,,,,,	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
				8	1, 3, 4, 5		1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62

Table V1-1A. Table of Conformity

Guidelines Section	Castian	Cubaaatiaa	Cuidelines Tout	EEIS Valuma	FFIC Chantan	FFIC Continu	Daga Niverhaya
9.0 ENVIRONMENTAL	Section 9.8 SIGNIFICANCE OF	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
MANAGEMENT SYSTEM	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	4	1, 2		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
			7.14.	5	4, 5, 6, 7, 8, 9, 10		30 to 9-58, 9-63, 10-22 to 10-54, 10-58
				6	1, 4, 5, 6, 7	X.5, X.6, X.7, X.10	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
				7	2, 3, 4, 5, 6, 7		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
				8	1, 3, 4, 5		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 FIC should and with a conduction properties a suppose on analysis of the average				1-13 to 1-27, 1-31, 3-42 to 3-124, 3-130, 4-33 to 4-62, 4-63, 3-23 to 3-61, 3-62
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	4	1, 2		1-15 to 1-33, 2-11 to 2-27
			cumulative effects, proposed mitigation measures, and residual impacts. While	5	4, 5, 6, 7, 8, 9, 10		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
			highlighting the impacts in the Kitikmeot Region, this conclusion should clearly	6	1, 4, 5, 6, 7	X.5, X.6, X.7, X.8, X.9, X.10	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
			present the importance of the EIS findings to the NSA and Canada.	/ 8	2, 3, 4, 5, 6, 7 1, 3, 4, 5		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
					1, 3, 4, 3		1 13 to 1 31, 3 42 to 3 130, 4 33 to 4 03, 3 23 to 3 02
11.0 LIST OF CONSULTANTS			The Proponent shall prepare a list of all the consultants who contributed to the				
AND ORGANIZATIONS			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	1	Appendix V1-4	All	All
			materials as included as supporting documentation or evidence within the EIS,	3	1, 2	Appendices V3-1A, V3-1B, V3-1C, V3-1E, V3-2A	All, All, All, All
			including the time, place, and purpose of the consultation, reference materials				
			provided, and contact information for the organization.				
APPENDIX A: NUNAVUT IMPACT			The following are the minimum required elements for an Environmental Impact				
REVIEW BOARD'S 10 MINIMUM			Statement required under a Part 5 Review:	-	-	-	
EIS REQUIREMENTS							
			Statement of Consultation Principles and Practices The Principles and Principles and Practices The Principles and Principles and Principles and Practices The Principles and Princ	-	<u>-</u>	·	·
			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	3	1	All, Appendices V3-1A, V3-1B, V3-1C, V3-1D, V3-1E, V3-1F, V3-1G	All, All, All, All, All, All, All
			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.				
			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	2	1, 2, 3	All	All
			understand complex or multi-staged related proposals.				
			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	2	1	2.4.1	2-2
			given area, the Board expects the deficiencies in the economic status quo to be	_	•	2.7.1	
			stated.				
			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	4	1, 2		1-15 to 1-33, 2-11 to 2-27
			combination with other projects or activities that have been, or will be, carried out. Anticipated impacts include short and long- term, direct and indirect,	5	4, 5, 6, 7, 8, 9, 10		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
			positive and negative, cumulative, socio-economic, archaeological and cultural	6	1, 4, 5, 6, 7	X.5, X.6, X.7, X.8, X.9, X.10	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
			impacts. This element of the EIS must include a mitigation analysis that explains	7	2, 3, 4, 5, 6, 7		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
			how the impacts could be avoided, minimized, cured, eliminated, or	8	1, 3, 4, 5		1-15 to 1-31, 3-42 to 3-130, 4-33 to 4-85, 5-23 to 5-62
			compensated.				
			5. Cumulative Effects Analysis (CEA)	<u>-</u> _	-	-	·
			Cumulative Effects must be analyzed for all Part 5 Reviews. A project proposal	4	1, 2		1-29 to 1-31, 2-23 to 2-25
			causes a Cumulative Effect if, when added to other projects in the region, or	5	4, 5, 6, 7, 8, 9, 10		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
			projects reasonably foreseeable in the region, will cause an additive effect. A comprehensive examination of all Cumulative Effects must be included in an EIS.	6	1, 4, 5, 6, 7	X.6	1-55 to 1-56, 4-57 to 4-59, 5-37 to 5-38, 6-70, 7-56 to 7-57
				, 8	2, 3, 4, 5, 6, 7 1, 3, 4, 5		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:	<u> </u>	-	<u> </u>	·
			a. the Project setting, taking into account the location's unique exosystemic	4	1, 2		1-1 to 1-10, 2-1 to 2-6
			characteristics, and	5	4, 5, 6, 7, 8, 9, 10		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
				6	1, 4, 5, 6, 7	X.1	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
				/ Ω	2, 3, 4, 5, 6, 7 1, 3, 4, 5		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
Í				U	1, 3, 4, 3		1 1 (0 1-11), 3-1 (0 3-23), 4-1 (0 4-21), 3-1 (0 3-13

Table V1-1A. Table of Conformity

Guidelines Section							
Part	Section	Subsection	Guidelines Text	FEIS Volume	FEIS Chapter	FEIS Section	Page Numbers
			b the severity of the impacts, taking into account, but not limited to public	3	1, 3	1.6.2, 3.3	1-37 to 1-38, 3-50 to 3-53
			health, land use plans, protected areas, habitat, or species, public concern, etc.	4	1, 2	X.5.4, X.5.5	1-28 to 1-29, 2-22 to 2-23
				5	4, 5, 6, 7, 8, 9, 10	X.5.4, X.5.5	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
				6	1, 4, 5, 6, 7	X.5.4, X.5.5	1-46 to 1-55, 4-45 to 4-57, 5-31 to 5-37, 6-70
				7	2, 3, 4, 5, 6, 7	X.5.4, X.5.5	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
				8	1, 3, 4, 5	X.5.4, X.5.5	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	Noted	-	_	
			Minister accordingly.	Hoted			
			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	2	4	4	4-1 to 4-30
			baseline for comparison with other development alternatives that might	2	4	4	4-1 to 4-30
			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.				
			8. Sustainability Analysis	-	-	-	·
			The EIS must contain an analysis of the ability of renewable resources affected by	9	1	<u>1.2.4</u>	<u>1-18 to 1-35</u>
			the Project to sustain current and future generations in Nunavut and Canada.	10	1	<u>3</u>	<u>3-25</u>
			9. Monitoring or Post-Project Analysis (PPA)	-	-		<u> </u>
			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	1, 2		1-33, 2-26 to 2-27
				5	4, 5, 6, 7, 8, 9, 10		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
				6	1, 4, 5, 6, 7	X.9	1-57, 4-62 to 4-63, 5-41 to 5-42, 6-74, 7-60 to 7-61
				7	2, 3, 4, 5, 6, 7		2-45, 3-36, 4-54, 5-37, 6-53 to 6-55, 7-40 to 7-42
				8	1, 3, 4, 5		1-30 to 1-31, 3-128, 4-84 to 4-85, 5-61
			b. determine whether and to what extent the land or resource use in question is	10	23	3.2	3
			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	10	23	3.2	3
			conditions of land or resource use approvals, and d. assess the accuracy of the predictions contained in the project impact				
			statements.	4	1, 2	X.9	1-33, 2-26 to 2-27
				5	4, 5, 6, 7, 8, 9, 10	X.9	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
				6	1, 4, 5, 6, 7	X.9	1-57, 4-62 to 4-63, 5-41 to 5-42, 6-74, 7-60 to 7-61
				7	2, 3, 4, 5, 6, 7	X.9	2-45, 3-36, 4-54, 5-37, 6-53 to 6-55, 7-40 to 7-42
				8	1, 3, 4, 5	X.9	1-30 to 1-31, 3-128, 4-84 to 4-85, 5-61
				10	1	13	15 to 20
			10. Transboundary Effects Analysis	-	-		·
			Where relevant, an EIS must include an assessment of all significant adverse	4	1, 2		1-31, 2-25
			ecosystemic or socio-economic transboundary effects.	5	4, 5, 6, 7, 8, 9, 10		4-62, 5-242, 6-82, 7-63, 8-94, 9-58, 10-54
				6	1, 4, 5, 6, 7	X.7	1-56, 4-59, 5-38, 6-70 to 6-71, 7-57
				7	2, 3, 4, 5, 6, 7	· ···	2-41, 3-32, 4-52, 5-34, 6-48, 7-37
				8	1, 3, 4, 5		1-29, 3-120 to 3-124, 4-78 to 4-82, 5-61

BACK RIVER PROJECT

Final Environmental Impact Statement Main Volume

Table V1-1B. Table of Commitments



Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
)M 1	AANDC	~	~	AANDC-1	~	~	Sabina commits to updating the alternatives assessment to include a more explicit analysis of alternatives and evaluation criteria in the FEIS.	2	4	4.1, Appendix V2-4A, Appendix V2-4C	<u>4-1 to 4-3,</u> All, All
۸ 2	AANDC	AANDC-8	~	~	~	~	Sabina commits to clarify the elevation and location of underground access, and any potential risk of flooding shall be addressed in the FEIS.	2	7	<u>7.2.5.1</u>	<u>7-20</u>
W 3	AANDC	AANDC-10	~	~	~	~	Sabina commits to providing details of dust suppressants and dust suppression methods for underground and aboveground facilities in the FEIS.	2	7	7.2.9	<u>7-30</u>
M 4	AANDC	AANDC-11	~	~	~	~	For the FEIS, Sabina commits to providing details on any potential design changes resulting from additional years of available earthquake data.	2	6 7	6.6.13.3 Appendix V2-7C (2.4), Appendix V2-7G (Appendix F)	<u>6-34to 6-38</u> 4 to 5, All
)M 5	AANDC	AANDC-12	~	~	~	~	For the FEIS, Sabina commits to providing details on schedules and volumes of materials and updated information resulting from the optimization of facility and infrastructure configuration.	2	6	<u>6.4.5</u> , Appendix V2-6A	<u>6-8 to 6-11</u> , All
DM 6	AANDC	-	2	AANDC-15	2	-	Sabina commits to providing more details on the sewage effluent management strategy in the FEIS.	2 10	6, 7 7	<u>6.4.13</u> , <u>6.6.8.1</u> , Appendix V2-7H 3.3	<u>6-13, 6-29 to 6-30,</u> All <u>13 to 14</u>
M 7	AANDC	-	-	AANDC-20	~	-	Sabina commits to providing additional information on the TIA freeboard and the potential for overtopping the tailings storage embankment during operations. This work, which will be done in accordance with the Canadian Dam Association Guidelines will be presented in the FEIS.	2	7	Appendix V2-7G (4.8, 4.10, Appendix D)	
0M 8	AANDC	AANDC-48	~	~	~	~	Sabina commits to providing a more detailed estimation of waste generation quantities and facilities design in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
)M 9	AANDC	AANDC-49	~	~	~	~	Sabina commits to providing a more detailed estimation of waste generation quantities and facilities design in the FEIS.	10	12	Table 8-1	23 to 27
M 10	AANDC	AANDC-50	~	~	~	~	Sabina commits to providing a list of expected hazardous materials in the FEIS.	10	12	12.6.1, 8	29, 22
DM 11	AANDC	~	AANDC-61	~	~	~	New information obtained through ongoing community consultations will be integrated for the final alternatives assessment presented in Sabina's FEIS.	3 2	1 4	1.6 4.1.5, 4.1.6, Appendix V2-4A, Appendix V2-4C	1-36 to 1-48 4-2 to 4-3, All, All
DM 12	AANDC	~	AANDC-61	~	~	~	Sabina commits to providing minutes from post-DEIS submission meetings and information from the final TK	3	1, 3	4.1.5, 4.1.6, Appendix V2-4A, Appendix V2-4C Appendix V3-1C, 3.1.1, Table 3.1-1, Appendix V3-3B	All, 3-1, <u>3-3 to 3-42</u> , <u>All</u>
DM 13	EC	EC-2	~	~	~	~	Workshop Report into the FEIS. Sabina commits to providing incinerator vendor specifications in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to	N/A
)M 14	EC	~	~	EC-15	~	~	Sabina commits to providing details on landfill design and seepage management in the FEIS.	10	7	Project enhancements.	<u>19</u>
DM 15	EC			EC-17			Sabina commits to discussing the requirements for the management of landfarms and wastewater treatment in	10	10 7	7.3.1, 7.3.2 3.3.2, 3.4.2	10 to 11 13, 17
OM 16	EC	~	EC-18	-	~	-	the FEIS. Sabina commits to revise the Volume 2 section titled "Design of Impoundment / Retention Structures for Seepage and Runoff Control" to further include design details for water management structures used for seepage and	2	7	5.3.4.2 7.2.4.4, <u>Appendix V2-7I (Appendix A)</u>	7-19 to 7-20 <u>, All</u>
DM 17	EC	EC-19	~	~	~	~	runoff control from the open pits. As engineering design progresses and ongoing characterization information is available, the balance of suitable quarry material and required volumes will be assessed. Sabina commits to providing these estimates in the FEIS.	2 10	6 16	<u>6.6.4</u> 3.2	6-24 to 6-25
OM 18	EC			EC-20			Sabina commits to providing details on stockpile design, foundation requirements and runoff management with	2	7	7.2.8, Appendix V2-7I	7-28 to 7-29, All
ОМ 19	EC	EC-21	~	-	~	~	the FEIS. The method for assessing alternatives within the Project has included consideration of technical feasibility, cost implications, potential environmental impacts, and amenability to reclamation. Community acceptability or preference and socio-economic effects were not provided. Sabina commits to including additional information on these aspects in the FEIS alternatives assessment.	2 3	4	4, Appendix V2-4A, Appendix V2-4C 1.6	All, All, All 1-36 to 1-48
DM 20	EC	~	~	EC-22	~	-	Sabina commits to providing clarification on the transition of the TIA from operations to closure in the FEIS.	2 10	7 29	Appendix V2-7G, Appendix V2-7I <u>5.6</u>	All, All 23 to 24
DM 21	EC	~	~	EC-23	~	~	Sabina commits to providing the rationale and design criteria for the TIA including ice entrainment. This information will be provided in the FEIS.	2	6, 7	6.6.13.3, Appendix V2-7G (4.3, 4.10)	6-34 to 6-38, 15 to 17
DM 22	EC	EC-26	~	~	~	-	Sabina commits to investigate and provide adequate details on potential seepage rates from the TIA. Further Sabina will provide design information on any required seepage collection system in the FEIS.	2 10	7 22	<u>Appendix V2-7G (5.13, 5.14)</u> , Appendix V2-7H 3.2.3, 6.1	<u>26,</u> All <u>9, 15</u>
DM 23	EC	~	-	EC-34	~	-	In the FEIS, Sabina commits to including anticipated locations and volumes for the: TIA, WMF, treated sewage, collection ponds, on-land discharges, and any other potential discharges. Plans will be made to minimize the number of discharge locations on site.	2	7	Appendix V2-7H (Appendix B), Appendix V2-7I (Figures 6 to 12)	All, All
M 24	GN	GN-12	~	~	~	~	Sabina commits to removing reference to a hard-surface airstrip in the FEIS.	2	6, 8	<u>6.3.1.1, 8.10</u>	6-2 to 6-3, 8-6 to 8-7
DM 25	GN	~	GN-20	~	~	~	For the FEIS, Sabina commits to detailing whether bulk fuel storage will include overwintering of fuel vessels in sea ice.	2	4	4.3.9	4-27 to 4-28
M 26	KIA	-	~	KIA-CR-7	~	~	Sabina commits to optimizing the location and design of the TIA based on an alternatives assessment founded on environmental, technical, and economic reasons. In addition Sabina commits to providing a detailed summary of the overburden and permafrost conditions for the TIA foundation with sufficient detail to justify and support the design. This information will be provided in the FEIS.	2	4, 6, 7	Appendix V2-4A, <u>6.6.13</u> , Appendix V2-7G	All, <u>6-33 to 6-40,</u> All
M 27	KIA	KIA-62	~	~	~	~	As engineering design progresses and ongoing characterization information is available, the balance of suitable quarry material and required volumes will be assessed. Sabina commits to providing this updated information in the FEIS.	2 10	6 16	6.6.4 3.2	6-24 to 6-25 <u>3</u>
M 28	KIA	KIA-63	~	~	~	-	Winter road design, construction, and operation will be informed by extensive expertise from other winter roads in the area, specifically the Tibbitt-Contwoyto Winter Road. Sabina commits to provide details in the FEIS.	2	6	<u>6.5.2</u>	6-16 to 6-17
)M 29	KIA	~	KIA-77	~	~	~	Sabina commits to assessing options for subaqueous storage of PAG/ML waste rock for the FS. Results will be captured in the FEIS.	10	9	3.7	<u>8 to 10</u>
DM 30	KIA	~	KIA-92	~	~	~	Sabina commits to including design criteria for all water management facilities in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
DM 31	KIA	KIA-103	~	~	~	~	Sabina commits to update Volume 2, Table 6.4-3 (Proposed Bulk Fuel Storage Pooling Water Discharge Criteria) to provide the correct value for lead discharge (0.2 mg/L).	2	6	<u>Table 6.4-5</u>	<u>6-11</u>
							to provide the correct ratae for fead distributes (or.2 mg/ E).				

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
COM 32	KIA	KIA-106	~	~	~	-	Sabina commits to update Volume 2, Table 6.6-7 (Proposed Landfarm Pooling Water Quality Discharge Criteria) and Table 6.7-6 (Proposed Landfarm Pooling Water Quality Discharge Criteria) to reflect the incorrectly transcribed values for lead and ethylbenzene. This will be addressed in the FEIS.	2	6	<u>Table 6.4-7, Table 6.6-9</u>	<u>6-14, 6-31</u>
COM 33	NRCAN	NRCan-3	~	-	~	-	In the FEIS, Sabina commits to revising the statement found in Volume 2, Section 7 to read as follows: "Overburden includes a number of glacial deposits consisting predominantly of till. Occasional esker deposits of sand and gravel form long ridges of stratified sand and gravel that can reach hundreds of kilometres in length."	2	7	<u>7.1.5</u>	<u>7-10</u>
COM 34	TC	~	TC-10	~	~	~	Sabina commits to amend the text in Volume 2, Section 6.3.3.2 "Shipping" to include the Transportation of Dangerous Goods Act, 1992.	2	6	6.3.3.2	<u>6-4 to 6-5</u>
COM 35	AANDC	-	~	AANDC-14	~	~	Sabina commits to including the findings of the TK workshop report in the FEIS, including any information available on drinking water sources. Sabina also commits to including this additional information in our assessment for the project.	6	4	4.2	<u>4-23 to 4-25</u>
COM 36	AANDC	~	AANDC-25	~	~	~	For the FEIS, Sabina commits to provide updated information on drinking water sources in the Project area derived from the 2014 TK report prepared by the KIA.	6	4	4.2	4-23 to 4-25
COM 37 COM 38	AANDC AANDC	~	~	AANDC-28 AANDC-30	~	~	Sabina commits to providing access to all primary documents used during public consultation in the FEIS. The results of the TK workshop report will also be integrated into Sabina's FEIS submission.	3	1	1.5.3 3.1.1, Table 3.1-1, Appendix V3-3B	1-20 to 1-35 3-1, <u>3-3 to 3-42</u> , All
COM 39	AANDC	~	AANDC-62	~	~	~	Sabina commits to providing minutes from post-DEIS submission meetings and information from a final TK workshop report into the FEIS.	3	1, 3	Appendix V3-1C, 3.1.1, <u>Table 3.1-1</u> , <u>Appendix V3-3B</u>	All, 3-1, <u>3-3 to 3-42</u> , All
COM 40	KIA	~	~	KIA-CR-13	~	~	Sabina commits to revising the TK section of Volume 6, Chapter 4 in the FEIS to more accurately reflect the application of TK.	6	4	4.2.1, <u>4.2.4</u>	4-24, <u>4-24 to 4-25</u>
COM 41	KIA	-	KIA-110	-	~	-	On the topic of traditional drinking water sources, Sabina commits that the statement about direct incorporation of TK into the existing environment and baseline information (Volume 6, Chapter 4, Sect. 4.2.4) will be removed from the FEIS unless direct information becomes available from the KIA's Phase 2 TK Report.	6	3, 4	<u>3.2.2, 4.2.1, 4.2.4</u>	3-18 to 3-19, 4-24, 4-24 to 4-25
COM 42	KIA	~	KIA-139	~	~	~	In the FEIS, Sabina commits to providing an additional report on the site specific aspects of the Naonaiyaotit Traditional Knowledge Project database in Volume 3, App V3-3A.	3	3	Appendix V3-3B	<u>All</u>
COM 43	YKDEN	YKDFN- 4-4	~	~	~	~	Sabina commits to integrate the findings of the document 'Existing and Publically Available Traditional Knowledge from Selected Aboriginal Groups in the Northwest Territories' into the FEIS (Appendix V3-3B).	3	3	3.1.1, <u>Table 3.1-1</u> , Appendix V3-3C	3-1, <u>3-3 to 3-42</u> , All
COM 44	EC	~	EC-3	~	~	~	Sabina commits to completing an assessment of MLA air emissions that includes emissions from on land sources and ship emissions during "hoteling" and during transport. This will be provided in the FEIS.	4	1	1.5.2.1, Appendix V4-1C	<u>1-21 to 1-22</u> , All
COM 45	EC	EC-5	-	-	-	-	For the FEIS, Sabina commits to adding a footnote (Table 2.5-3 in Volume 4) that includes descriptions from the modelling report for: night-time noise level for assessing wildlife habitat loss, threshold 45 dBA; and sound exposure level for assessing wildlife sensitivity to helicopter noise (ringed seal and marine birds), threshold 70 dBA; sound exposure level for assessing wildlife sensitivity to helicopter noise (all other wildlife), threshold 80 dBA; peak sound pressure level for assessing wildlife sensitivity to impulsive blasting noise (disturbed habitat), threshold 108 dB; peak sound pressure level for assessing wildlife sensitivity to impulsive blasting noise (functional habitat loss), threshold 120 dB.	4	2	<u>Table 2.5-3</u>	<u>2-14</u>
COM 46	EC	~	~	EC-13	~	~	Sabina will commit, as part of the water licensing process, to providing vendor specifications stating that the incinerator is designed to incinerate sewage sludge.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to $ Project\ enhancements. \\$	N/A
COM 47	EC	~	~	EC-13	~	~	Stack testing for all incinerators will be completed as part of the commissioning process to ensure achievement of the Canada-wide Standards for emissions.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
COM 48	GN	GN-18	~	-	~	~	At this time the Goose Property Airstrip will not be designed to accommodate aircrafts as large as a Boeing 767. If larger aircraft are selected as a viable option, Sabina commits to updating the air quality and noise models and conduct an effects assessment to address the potential effects of this larger class of aircraft. This would be included in the FEIS.	2 4	6 2	6.3.1 2.1, <u>Appendix V4-2B (3.4, 3.5, 3.6.2, 4.2)</u> , Appendix V4-2C	6-2 to 6-3 2-1 to 2-6, <u>3-9 to 3-11, 3-12, 4-4 to 4-9</u> , All
COM 49	GN	~	~	GN-35	~	~	Dustfall sampling locations will be chosen to ensure that all large sources of emissions are monitored. Sabina will consult with the GN on the number and location of sampling sites prior to finalizing the Air Quality Monitoring Plan for the FEIS.	10	17	7.2.1	11
COM 50	KIA	~	KIA-49	~	~	~	Sabina commits to monitoring of various particulate fractions (TSP, PM10 and PM2.5) at multiple locations onsite during the construction and operation phases of the Project. Sabina commits to working with the appropriate regulators to finalize monitoring plans prior to submission of the FEIS.	10	17	<u>7.3.1</u>	<u>12</u>
COM 51	KIA	~	KIA-54	~	~	~	For the FEIS, Sabina commits to further investigating mitigation measures required to reduce dust emissions and	4 10	1 17	<u>1.5.3</u> 6.1.2	1-27 to 1-28
COM 52	KIA	KIA-56	~	~	~	~	the likelihood of any potential health effect. Sabina commits to comply with Environment Canada Sulphur in Diesel Fuel Regulations (updated in 2012).	4	1	1.8.1.2	6 to 7 <u>1-32</u>
COM 53	KIA	~	KIA-60	-	~	~	Sabina commits to providing a design memorandum in the FEIS indicating how climate change considerations have been integrated into design and incorporate the most current and relevant peer-reviewed climate data.	4	3	Appendix V4-3B, Appendix V4-3C	<u>All</u> , <u>All</u>
COM 54	KIA	KIA-72	~	~	~	~	Sabina commits to include community acceptability and socio-economic effects in the full alternatives assessment for the FEIS. Community acceptability or preference and socio-economic effects were not been formally considered as there was very little concern expressed during our consultation efforts.	2 3 10	4 1 9	<u>4.1.5, 4.1.6,</u> Appendix V2-4A, Appendix V2-4C 1.6 <u>4</u>	<u>4-2 to 4-3,</u> All, All 1-36 to 1-48 <u>10</u>
COM 55	KIA	~	KIA-122	-	~	-	Sabina commits to establishing annual targets and BMPs for GHG emissions and potential reductions throughout operations. This will be stated in the FEIS.	4	3	3.4.3	<u>34</u>
COM 56	NRCAN	~	~	NRCAN-2	~	~	Sabina commits to substantiating the TIA closure design criteria and completing a thermal analysis, inclusive of climate change considerations, to demonstrate the viability of the plan. This information will be presented in the FEIS.	2 9 10	7 2 9	Appendix V2-7E (Attachment A), Appendix V2-7G 2.16 3.6	<u>All</u> , All 2-19 8
COM 57	NRCAN	~	~	NRCAN-3	~	~	Sabina commits to providing justification for selection of the design freezing point in the thermal analysis for the TIA. This information will be presented in the FEIS.	2	7	Appendix V2-7G (5.9, Appendix G)	<u>All</u>
COM 58	NRCAN	~	~	NRCAN-4	~	~	Sabina commits to completing and presenting all appropriate geotechnical analysis of the TIA structure including its foundation in the FEIS.	2	6, 7	Appendix V2-7G (Appendix F)	All
COM 59	NRCAN	~	~	NRCAN-33	~	~	Sabina commits to further substantiating the waste rock and TIA closure design criteria and completing a thermal analysis, inclusive of climate change considerations, to demonstrate the viability of the plan. This information will be presented in the FEIS.	2 9 10	7 2 9	Appendix V2-7E (Attachment A), Appendix V2-7G 2.16 3.6	<u>All</u> , All 2-19 8
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Table V1-1B. Table of Commitments

EM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
۸ 60	NRCAN	~	~	NRCAN-34	~	~	Sabina commits to further substantiating the waste rock and TIA closure design criteria and completing a thermal analysis, inclusive of climate change considerations, to demonstrate the viability of the plan. This information will be presented in the FEIS.	4	4	Appendix V4-3B	All
61	NRCAN	~	~	NRCAN-35	~	~	Sabina commits to further substantiating the waste rock and TIA closure design criteria and completing a thermal analysis, inclusive of climate change considerations, to demonstrate the viability of the plan. This information will be presented in the FEIS.	2 10	7 9	Appendix V2-7E <u>3.6,</u> <u>4</u>	All <u>8</u> , <u>10</u>
52	AANDC	~	~	AANDC-2	~	~	Sabina commits to incorporating all up to date information relating to geomechanical and topographical field and laboratory data in an updated assessment of mine stability and provide further detail on the underground mining method, layout, and design in the FEIS.	2	7	<u>7.2.5</u>	7-20 to 7-24
63	AANDC	~	~	AANDC-3	~	~	Sabina commits to providing an updated presentation, analysis, and interpretation of geological faults and structures in the FEIS.	2 9	7 2	<u>7.1.1,</u> 7.2.5.1 2.2.1, 2.2.2, 2.3	<u>7-3 to 7-5,</u> 7-20 2-1 to 2-2, 2-7
54	AANDC	~	~	AANDC-4	~	~	Sabina commits to providing an updated analysis of permafrost distribution at depth through thermal modelling, updated data analysis, and any other means required to depict any groundwater connections with the mine openings. This analysis will provide an updated account of the potential formation/decline of taliks, including any potential through-taliks. Requested information will be presented in the FEIS.	2 5 6	7 2 2	Appendix V2-7A (6.0) 2.4.1 2.4.1, 2.4.2	20 to 26 2-23 to 2-24 2-21 to 23
5	AANDC	~	~	AANDC-5-1	~	-	Sabina commits to providing additional details related to how the hydrogeological system and permafrost thermodynamics may be affected by the proposed open-pit and underground mining operations. Requested information will be presented in the FEIS.	2 9 10	7 2 9	<u>Appendix V2-7E</u> , Appendix V2-7G All <u>3.6</u>	<u>All</u> , All All <u>8</u>
6	AANDC	-	~	AANDC-5-2	-	-	Sabina commits to providing a detailed summary in the FEIS of overburden and permafrost conditions for the property with sufficient detail to demonstrate how planned surface infrastructure will interact with this system.	2	7	Appendix V2-7C	<u>All</u>
7	AANDC	-	~	AANDC-6	~	~	Sabina commits to further substantiating the waste rock and TIA closure design criteria and completing a thermal analysis, inclusive of climate change. This information will be presented in the FEIS.	2 9 10	7 2 9	Appendix V2-7E (Attachment A), Appendix V2-7G All 3.6	<u>All</u> , All All <u>8</u>
8	AANDC	~	~	AANDC-17	~	~	Sabina commits to further work to understand the variability in ARD and arsenic levels, and will present this information in the FEIS.	2	7	Appendix V2-7D	All
9	AANDC	~	~	AANDC-18	~	~	Sabina commits to providing additional clarity in the FEIS on the mitigation and monitoring that will be required to address the predicted concentrations of arsenic, copper, and cyanide concentrations exceeding MMER discharge limits.	2	7	Appendix V2-7H (5.4, 7.3, 7.4)	35 to 36, 44 to 45, 46 to 51
0	AANDC	~	~	AANDC-19	~	ž	Sabina commits to including additional details on the TIA constructability and assessing the associated risks. This information will be presented in the FEIS.	2 10	4 22	Appendix V2-4A <u>3.2</u>	All <u>4 to 13</u>
1	AANDC	AANDC-20	~	~	~	~	Sabina commits to thermal modelling as part of the FS to validate the practicability, constructability and prevention of adverse environmental impacts of the proposed TIA closure measure of a 2m non-PAG rock cap.	2 10	7 9	Appendix V2-7E (Attachment A), Appendix V2-7G, $\frac{3.6}{}$	<u>All</u> , All <u>8</u>
2	AANDC	AANDC-21	~	~	~	~	Sabina commits to providing thermal modelling to support the adequacy of waste rock cover depth to protect permafrost in the FS.	2 10	7 9	Appendix V2-7E (Attachment A), Appendix V2-7G, 3.6	<u>All</u> , All <u>8</u>
3	AANDC	~	AANDC-23	~	~	~	Sabina commits that thermal modelling to support the design criteria will be conducted as part of the FS and the predictions provided in the FEIS. The assumptions used for thermal modelling will be informed by observations obtained from similar northern mining operations.	2 10	7 9	Appendix V2-7E 4	<u>All</u> 10
' 4	AANDC	~	AANDC-31	~	~	~	Sabina commits to providing dyke designs and seepage calculations into the pits. This will be presented in the FEIS water balance.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
75	AANDC	~	AANDC-39	~	~	~	Sabina commits that geothermal modelling calibrated to temperature measurements and incorporating project components, will be conducted in the FS and provided in the FEIS.	2 5	7 2	Appendix V2-7A <u>2.1.2.1</u>	All <u>2-5 to 2-13</u>
6	AANDC	~	AANDC-40	~	~	~	Sabina commits that geothermal analyses incorporating a more detailed evaluation of the influence of climate change on permafrost degradation will be provided in the FEIS.	4 5	3 2	Appendix V4-3B 2.1.2.4	All <u>2-21 to 2-22</u>
7	AANDC	~	AANDC-47	~	~	~	Sabina commits to providing the required background information pertaining to the design and effectiveness of landfills and otherwise managing waste in relation to the context of the project into the FEIS and final NWB water licencing process.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
'8	AANDC	AANDC-57	~	~	~	~	As part of the FEIS, Sabina commits to providing additional information regarding closure and reclamation resulting from the mine design being optimized in the FS.	10	29	<u>5.4</u>	22 to 23
9	AANDC	AANDC-58	~	~	~	-	Sabina commits to providing more information on the potential interactions between sub-permafrost groundwater and closure scenarios for the Umwelt underground within the FEIS.	2 5 10	7 2 29	<u>Appendix V2-7A,</u> Appendix V2-7I 2.4.1 5.4	<u>All</u> , All 2-23 to 2-24 22 to 23
0	EC	~	~	EC-9	~	~	Sabina commits to using habitat data to predict the likelihood of birds nesting in various habitats. This information will appear in the FEIS.	5	9	9.1.5	9-6 to 9-25
	EC	~	~	EC-9	~	~	Sabina commits to using methods that are as non-intrusive as possible for pre-clearing surveys. This information will appear in the FEIS.	10	20	7.2.3	<u>60 to 62</u>
!	EC	~	~	EC-9	~	-	Sabina commits to updating Table 6.2-1 (Wildlife Sensitive Periods Applicable to the Project) to include Mid-May to Mid-August from June 1 to July 31. This information will appear in the FEIS.	10	20	<u>6.2.3.1</u>	9
1	EC	~	EC-22	~	~	~	Sabina commits that the results of feasibility study analyses for potential seepage from the TIA will be provided in the FEIS.	10	22	3.2.3	9
4	EC	EC-24	~	~	~	-	Confirmation of the thickness of cover material based on thermal modelling and the confirmation of grain size will be studied in more detail as part of the FS and presented in the FEIS. Sabina commits to conducting additional site characterization of the TIA foundation to support detailed design	2 10	7 9	Appendix V2-7E 3.6 As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to	<u>All</u> 8
5	EC	~	~	EC-26	~	~	after receipt of the water licence. For the FEIS, Sabina commits that assessment of the applicable screening criteria for both waste rock and tailings	N/A	N/A	As approved by the NIKB on september 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
86	EC	~	EC-27	~	~	~	will be revisited as part of ongoing geochemical characterization work. During the FS, kinetic test results will be reinterpreted to determine a site specific NP:AP ratio for both tailings and waste rock.	2 10	7 9	Appendix V2-7D <u>3.3</u>	All <u>5 to 6</u>
87	EC	EC-29	~	~	~		For the FEIS, Sabina commits to revising Figures 3.2-4, 3.2-5, 3.2-6 (Appendix V11-4A). The legend should be revised so the dark dot is labelled "sampled" (not "deposit").	2	7	Appendix V2-7D	All

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR	COMMITMENT	VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
OM 88	EC	EC-31	~	~	~	~	Sabina commits to incorporating updated results from the ongoing kinetic tests into the FEIS.	2 10	7 16	Appendix V2-7D 3.4, 6.1	All <u>6 to 7, 9 to 10</u>
OM 89	EC	~	~	EC-41	~	~	For the FEIS, Sabina commits to correcting the reference to Price 2009, which is a MEND guideline, not (as stated previously) a federal guideline.	2	7	Appendix V2-7D	<u>All</u>
OM 90	EC	~	~	EC-42	~	-	Sabina commits to a further review of correlations between solid phase concentrations and leachate concentrations for parameters of interest, and will further assess whether appropriate samples were used. Data interpretation will include a review of all of the potential factors controlling trace element release.	2	7	Appendix V2-7D	<u>All</u>
DM 91	EC	~	~	EC-43	~	~	For the FEIS, Sabina commits to providing further information on the mine plan to clarify the length of time that ore and low grade ore will be stockpiled prior to processing. Additionally, further interpretation of the kinetic test data will be completed to assess the potential lag times to the onset of ARD in these material and in waste rock.	2 10	7 8	Appendix V2-7D 3.2, 3.3	All 2 to 4
DM 92	EC	~	~	EC-44	~	÷	Sabina commits to further substantiating the waste rock and TIA closure design criteria and completing a thermal analysis, inclusive of climate change considerations to demonstrate the viability of the plan. This information will be presented in the FEIS.	2 10	7 9	Appendix V2-7E (Attachment A), Appendix V2-7G, 3.6	<u>All,</u> All <u>8</u>
DM 93	EC	~	~	EC-45	~	~	For the FEIS, Sabina commits to reassessing the proposed frequency of monitoring summarized in Table 7-1 (Summary of ML/ARD Monitoring Program), and will determine the frequency as a number of samples per volume of rock as suggested by EC.	10	9	<u>8</u>	<u>12 to 13</u>
DM 94	GN	GN-14	~	~	~	~	Sabina commits to updating Table 5.6-2 (Cumulative Habitat Loss in the Bathurst Caribou CEA Boundary) in the FEIS. For closed or past developments it was assumed that dust no longer contributes as habitat alteration and wildlife are anticipated to reinhabit these areas, thus blank cells should read NA.	5	5	5.6.2, <u>Table 5.6-1</u>	5-203 to 5-238, 5-205
OM 95	GN	~	GN-15	~	~	~	For the FEIS, Sabina commits that updates will be provided to include the most recent 2012 data in Volume 5, Table 5.1-2 (Bathurst Caribou Herd Population Numbers and Breeding Females from 1986 to 2009).	5	5	<u>5.1.2,</u> 5.5.2, 5.5.4, 5.6	<u>5-3 to 5-82,</u> 5-134 to 5-187, 5-191 to 5-195, 197 to 5-242
OM 96	GN	GN-19	~	~	~	~	Sabina commits to include the Nunavut Wildlife Act in the List of Permits, Licenses, and Authorizations Required for the Project in the FEIS.	1	2	Appendix V1-2	All
OM 97	GN	~	~	GN-20	~	~	Sabina commits to including text in the FEIS referencing Project-related effects in the context of Nunavut wildlife management units.	5	6,7,8	<u>X.5.2.1</u> , X.5.2.2, X.5.4	6-43 to 6-47, 647 to 6-55, 6-64 to 6-67, <u>7-25</u> <u>7-30</u> , 7-30 to 7-40, <u>7-46</u> to <u>7-48</u> , <u>8-40 to 8-43</u> , 43 to 8-58, 8-65 to 8-68
OM 98	GN	~	~	GN-24	~	~	Sabina will include more detail on the definition of "population and subpopulation health" and "acceptable risk thresholds" in definition of Significance Ratings in the FEIS.	5	5,6,7,8,9,10	<u>X.5.1.1, X.5.1.3</u>	5-1 to 5-3, 5-82 to 5-109, 6-38 to 6-39, 7-18 to 21, 7-22
DM 99	GN	~	~	GN-25	~	~	Sabina will provide publically available information in the FEIS detailing areas frequented by polar bears along the shipping route.	7	6	Appendix V7-6A	All
OM 100	GN	~	~	GN-26	~	~	Sabina commits to working within the existing regulatory framework defined by Transport Canada. An approved SOPEP will be in place by the shipping provider prior to the commencement of any shipment.	10	15	<u>2.1</u>	<u>6</u>
OM 101	GN	~	~	GN-26	~	~	Sabina will provide publically available information in the FEIS detailing areas frequented by polar bears along	7	6	Appendix V7-6A	All
OM 102	GN	~	~	GN-31	~	~	the shipping route. A discussion surrounding wolf and wolverine predation of ungulates will be added to the ungulate sections of the	5	5,7	X.5.2.4	5-166 to 5-168, 7-4 <u>1</u>
OM 103	GN	~	~	GN-32	~	~	FEIS. Additional detail can be added to the raptor chapter of the FEIS (Volume 5, Chapter 10) to provide citations to	5	10	10.5	<u>10-22 to 10-51</u>
OM 104	GN	<u>۔</u>	<u>~</u>	GN-36	~	~	support these mitigation activities. Sabina acknowledges the requirements of the Scientists Act and commits to ensuring that legislated reporting	10	20	<u>4</u>	<u>6</u>
OM 105	GN	~	~	GN-37	~	~	requirement under the Scientists Act are reflected in the FEIS. Sabina commits to update the table on Permits and Approvals for Mine Development in the FEIS to include all	1	26	<u>7.5</u> Appendix V1-2	<u>10</u> All
	GNWT			GNWT-1	~		relevant authorizations required for the life of the Project. In the FEIS, Sabina commits to updating Sections 5.1.1 and 5.1.2.3 of the caribou assessment (Volume 5, Chapter	5	5	5.1.2, 5.5.2, 5.5.4, 5.6	5-3 to 5-82, 5-134 to 5-187, 5-191 to 5-195,
OM 106	GNWT			GNW1-1			5), using information from 2014 discussing status of the Bathurst herd. Sabina commits to further clarifying how the determination of significance might change in the context of	J	3	<u>3.1.2,</u> 3.3.2, 3.3.4, 3.0	197 to 5-242
OM 107	GNWT	-	~	GNWT-1	~	~	recovery. This will include a clarification on "the predicted effects on post-calving and summer areas." This information will appear in the FEIS.	5	5	5.1.2, <u>5.5.2</u> , 5.5.4, 5.6	5-3 to 5-82, <u>5-134 to 5-187,</u> 5-191 to 5-195, <u>1</u> 197 to 5-242
OM 108	GNWT	-	~	GNWT-1	~	~	In the FEIS, Sabina commits to discussing Significance Ratings for Residual Effects on caribou (Table 5.5-3, Volume 5, Chapter 5) in the context of time horizons that are relevant to communities that depend on caribou.	5	5	<u>5.5.4</u>	<u>5-191 to 5-195</u>
OM 109	GNWT	~	~	GNWT-1	~	~	In the FEIS, Sabina commits to incorporating a discussion of how predicted impacts would be expected to change depending upon whether the herd is at a high or low population level and/or in an increasing or decreasing phase.	5	5	5.1.2, 5.5.2, <u>5.5.4</u> , 5.6	5-3 to 5-82, 5-134 to 5-187, <u>5-191 to 5-195,</u> 197 to 5-242
OM 110	GNWT	~	~	GNWT-3	~	~	For the FEIS, references to the caribou cumulative effects assessment (Section 5.6.2.2) will be added to the effects assessment section.	5	5	<u>5.5.2.1, 5.5.2.2</u>	<u>5-136 to 5-162</u>
OM 111	GNWT	~	~	GNWT-4	~	~	Sabina commits to review the location of the NICO and Nechalacho Projects and include them in the cumulative effects analysis of the FEIS should they fall within the defined 95% kernel home range of the herd.	5	5	<u>5.6.2</u>	<u>5-203 to 5-238</u>
)M 112	GNWT	-	GNWT-5	~	~	-	Sabina commits to providing more information in the FEIS on caribou monitoring programs. This will include details on Sabina participation in a collaborative regional (i.e., herd level) research and monitoring program for caribou, where involvement is capped at an agreed financial value; and a local-scale monitoring program to document caribou activity in areas surrounding the mine.	10	20	<u>7.1.5</u>	<u>50 to 51</u>
OM 113	GNWT	~	~	GNWT-5	~	-	Sabina commits to including additional information and analysis on annual variation in herd movement and historic calving ranges in the FEIS.	5	5	<u>5.1.2,</u> 5.5.2, 5.5.4, 5.6	<u>5-3 to 5-82,</u> 5-134 to 5-187, 5-191 to 5-195, ¹ 197 to 5-242
COM 114	GNWT	GNWT-7	~	~	-	-	Sabina readily commits to participating in GNWT led meetings that formally include the GN and relevant aboriginal groups when the content of these meetings include issues that are related to potential project interactions. Sabina is also willing to discuss options related to grizzly bear and wolverine monitoring initiatives as they relate directly to monitoring requirements for the Back River Project and where they tie in to a formalized agreement with the GN and relevant aboriginal groups for the management of these animals.	10	20	<u>7.1.4, 7.1.5</u>	<u>49 to 51</u>

Table V1-1B. Table of Commitments

Part	TEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
Mary	OM 115	GNWT	~	~	GNWT-7	~	~	· · · · · · · · · · · · · · · · · · ·	5	6	6.1.2	6-1 to 6-3
	DM 116	GNWT	~	~	GNWT-7	~	~	Additional text will be added to the FEIS to discuss potential Project and cumulative effects on bears within the	5	6	<u>6.5.5</u>	6-67 to 6-69
1	M 117	GNWT	GNWT-8	~	~	~	~	Sabina commits to complying with the Shipping Zone Date System which defines when certain vessel classes can	10	15	1.2	<u>2</u>
Part								·				
Part	M 118	GNWT	GNWT-9	~	~	~	~		2	4	<u>4.4</u>	<u>4-29</u>
1	M 119	GNWT	GNWT-10	~	~	~	~		5	6, 8	<u>6.5.4.4,</u> <u>8.5.4.4</u>	<u>6-66 to 6-67</u> , <u>8-67 to 8-68</u>
	M 120	KIA	KIA-4	~	~	~	~	Sabina commits to providing the data from the 2013 Wildlife Baseline Report into the FEIS.	5	5,6,7,8,9,10	<u>X.1</u>	5-1 to 5-122, 6-1 to 6-22, 7-1 to 7-14, 8-1 to 25, 9-1 to 9-25, 10-1 to 10-15
	M 121	KIA	~	~	KIA-IR-5	~	~		5	6	<u>6.5.2.7</u>	
1	M 122	KIA	~	~	KIA-CR-8	~	~	Sabina commits to completing and presenting all appropriate geotechnical and hydrotechnical analysis of the TIA	10	22	3.2.3, <u>3.2.5</u>	9, <u>10 to 12</u>
1												
Part	M 123	KIA	~	~	KIA-IR-8	~	~	accounting for engineering costs and environmental liability. Additional information on this topic will be	N/A	N/A		N/A
14	M 124	KIA	KIA-8	~	~	~	~		10	20	7.1.3	<u>48 to 49</u>
## 15 16 16 16 16 16 16 16	M 125	KIA	~	~	KIA-CR-9	~	~	analysis, inclusive of climate change considerations to demonstrate the viability of the plan. This information will	2	7	Appendix V2-7D	All
## 15	M 126	KIA	~	~	KIA-IR-9	~	-	sufficient detail to demonstrate how planned surface infrastructure such as the WRSA's will interact with this	2 9	7 2		7-10 to 7-13, <u>All</u> , All 2-19
And the second s	M 127	KIA	<u> </u>	~	KIA-CR-10	~	~	Results and interpretation of additional sampling and testing work for potentially acid generating samples will be	2	7	Appendix V2-7D	<u>All</u>
May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								Sabina commits to further substantiating the waste rock closure design criteria and completing a thermal	2	7	Appendix V2-7E	All
Salta comits to generalized per la Salta comits to generalizad per la Salta comits to	DM 128	KIA	~	~	KIA-IR-10	~	~	analysis, inclusive of climate change considerations to demonstrate the viability of the plan. This information will	9	2	2.2.1, <u>2.16</u>	2-1 to 2-2, <u>2-19</u>
Have be the contraction of the c								be presented in the FEIS. Sabina does not believe a contingency plan is warranted at this stage.	10	9	<u>4</u>	<u>10</u>
the construction of the Tark foundation and permatriator controllers of the Tark foundation with sufficient extent to juntify and support the " 7										4	4 2 5 Appendix V2-4A	4-11 to 4-16 All
1	M 129	KIA	~	~	KIA-IR-11	~	~	the overburden and permafrost conditions for the TIA foundation with sufficient detail to justify and support the	2	7		7-40 to 7-42, All
										•	Appendix V2-7D	
Mark	M 130	KIA	~	~	KIA-CR-12	~	~			-	<u>4</u> 3.4.6.1	
Part												•
For the FEE, Sating commits to providing a detailed summary of overhurden and permafront conditions for the property with sufficient demand surface infrastructure such as the fuel storage areas 2 7 7 1.1.5. Appendix V2-7E 7.10 10.7.1.3. All MIA 2 8 1	M 131	KIA	~	~	KIA-IR-12	~	~		9 10	2 9	2.2.1, 2.16 4	2-1 to 2-2, 2-19 10
Will interact with this system. Sabina commits to further substantiating the waste rock and TIA closure design criteria and completing a thermal analysis, inclusive of clinate change considerations to demonstrate the viability of the plan. This information will be presented in the FES. KIA RIA - KIA-RI4 Sabina commits to further providing additional discussion of the carbonate mineralogy in the FES. KIA - KIA-RI4 Sabina commits to providing additional discussion of the carbonate mineralogy in the FES. KIA - KIA-RI4 Sabina commits to providing additional discussion of the carbonate mineralogy in the FES. KIA - KIA-RI4 Sabina commits to describing all of the assumptions made in the scaling calculations and the level of structures and tytical confidence in the scaling calculations and the level of structures at Lytical confidence in the scaling calculations and the level of structures at Lytical confidence in the scaling calculations and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical mineral design criteria adopted for any water management and the level of structures at Lytical provides and the level of structures at Lytical mineral design of the level miner								•			-	-
M 13	M 132	KIA	~	~	KIA-IR-13	~	~	• • •	2	7	7.1.5, Appendix V2-7C	<u>7-10 to 7-13</u> , All
he presented in the FES. 10 9 3.6 8 Mid NA - NKAR-14 - Sabina commits to providing additional discussion of the carbonate mineralogy in the FES. 2 7 Appendix V2-7D All Mid NA - NKAR-15 - FOT the FEIS, Sabina commits to describing all of the assumptions made in the scaling calculations and the level of uncertainty and conservation that is built into those calculations. Mid NA - NKAR-16 - Sabina commits to providing the appropriate justification for design criteria adopted for any water management structures at Lytle and Conservation than the FEIS. Mid NA - NKA-18 SABINA CONTROLL AND AND ASSUMPTION AND ASSUMPTION ASSUMPTION AND ASSUMPTION ASSUMPT	W 133	KIV	_	_	KIA-CR-14	_	_	· · · · · · · · · · · · · · · · · · ·	2	7		
KIA - KIA-F15 - For the FEIS, Sabina commits to describing all of the assumptions made in the scaling calculations and the level of uncertainty and conservation that is built into those calculations and the level of uncertainty and conservation that is built into those calculations. M 136 KIA - KIA-16 - Sabina commits to previousling the appropriate justification for design criteria adopted for any water management structures at Lytle and Occurrence Lakes in the FEIS. For the FEIS, Sabina commits to reviewing by class of the structures at Lytle and Occurrence Lakes in the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of the FEIS. For the FEIS, Sabina commits to reviewing by class of contrasting colours so shading can be visually all	133	NIA			MA CK 11			· ·	10	9	··	8
M 136 KIA KIA-R-15 of uncertainty and conservatism that is built into those calculations. M 136 KIA KIA-R-16 - Sabina commits to providing the appropriate justification for design criteria adopted for any water management structures at Lylet and Occurrence Lakes in the FEIS. Sabina commits to reviewing Vol. 5, Section 5.6.3 and editing text where appropriate. This includes for the FEIS, Sabina commits to reviewing Vol. 5, Section 5.6.3 and editing text where appropriate. This includes for the FEIS, Sabina commits to reviewing Vol. 5, Section 5.6.3 and editing text where appropriate. This includes for the FEIS, Sabina commits to avoid, where possible, the usage of contrasting colours so shading can be visually discerned. M 137 KIA KIA-18 - KIA-28 - Sabina commits to delineating lake locations with high caribou abundance into Volume 5, Figures 5.1-2, 5.1-3, 5.1-5 and 5.1-6. M 139 KIA KIA-30 - SABINA CONTRACTION SABINA	M 134	KIA	~		KIA-IR-14	~	~	1 0	2	7	Appendix V2-7D	<u>All</u>
M 137 KIA KIA-18 KIA-18 Structures at Lytle and Occurrence Lakes in the FEIS. M 137 KIA KIA III KIA-18 STRUCTURES at Lytle and Occurrence Lakes in the FEIS. M 138 KIA KIA-18 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 138 KIA - KIA-28 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 139 KIA KIA-28 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 139 KIA KIA-30 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 140 KIA - KIA-28 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 140 KIA - KIA-28 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 140 KIA - KIA-32 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 141 KIA - KIA-32 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 141 KIA - KIA-32 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 141 KIA - KIA-32 STRUCTURES AT LYTLE and Occurrence Lakes in the FEIS. M 142 STRUCTURES AT LYTLE AND ADDRESS AT LYTLE AND ADDRESS AT LATE AND AD	M 135	KIA	~	~	KIA-IR-15	~	~	of uncertainty and conservatism that is built into those calculations.	2	7		7-24 to 7-26, <u>All</u>
replacing the word 'grizzly bear' with 'caribou'. M 138	M 136	KIA	~	~	KIA-IR-16	~	~	structures at Lytle and Occurrence Lakes in the FEIS.	N/A	N/A	., .	N/A
M 139 KIA KIA-30	M 137	KIA	KIA-18	~	~	~	~	replacing the word 'grizzly bear' with 'caribou'.	5	5	<u>5.6.3</u>	5-238 to 5-239
M 140 KIA - KIA-30	M 138	KIA	~	KIA-28	~	~	~	discerned.	All	All	<u>All</u>	<u>All</u>
M 140 KIA - KIA-32	M 139	KIA	KIA-30	~	~	~	~	5.1-5 and 5.1-6.	5	5	5.1	<u>5-1 to 5-122</u>
OM 141 KIA - KIA-59 - Sabina commits to collecting any additional geotecnnical information characterizing shallow permarrost 5 2 2.1.2.4 2.1 to 2-21 to 2-22 conditions, as required, for the FEIS. 9 2 2.4, 2.11.1 2-7 to 2-8, 2-14 to 2)M 140	KIA	~	KIA-32	~	~	~	proposed that the population has likely declined due to decreasing calf survival, and concomitant reductions in	5	5	<u>5.1.2.3</u>	5-15 to 5-19
conditions, as required, for the FEIS. 5 2 2.1.2.4 conditions, as required, for the FEIS. 5 2 2.4.2.1.1.1 5.2.1.2.4 5.2.4.4 to 6.3.3 Appendix V2.76 5.7.5 13 Appendix F. Sabina committe to reviewing and advancing the design of the TIA during the FS. Hodgeted information on the TIA. Sabina committee to reviewing and advancing the design of the TIA during the FS. Hodgeted information on the TIA. Sabina committee to reviewing and advancing the design of the TIA during the FS. Hodgeted information on the TIA.				10. 6-				Sabina commits to collecting any additional geotechnical information characterizing shallow permafrost	2	7		7-10 to 7-13, <u>All</u>
Sahina committe to reviewing and advancing the design of the TIA during the FS. Undated information on the TIA 2 6.7 6.6.13.3 Appendix V2.7G (5.7.5.13 Appendix F) 6.34 to 6.38.24.76	M 141	KIA	~	KIA-59	~	~	~		5 9	-		<u>2-21 to 2-22</u> 2-7 to 2-8, 2-14 to 2-15
2M 142 KIA ~ KIA-70 ~ ~ ~ — — — — — — — — — — — — — — — —)M 142	KIA	2	KIA-70	~	~	~	Sabina commits to reviewing and advancing the design of the TIA during the FS. Updated information on the TIA	2	6, 7	6.6.13.3, Appendix V2-7G (5.7, 5.13, Appendix E)	6-34 to 6-38, 24, 26, All
	COM 141		~		~	~	~	Sabina commits to collecting any additional geotechnical information characterizing shallow permafrost conditions, as required, for the FEIS.	2 5 9	2	<u>2.1.2.4</u> 2.4, 2.11.1	2-21 to 2-22 2-7 to 2-8, 2-14 t

Table V1-1B. Table of Commitments

TEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT COMMITMENT	VOLUM	E CHAPTER	SECTION/APPENDIX	PAGE
						Designs for tailings and waste rock disposal are being re-assessed in their entirety during the FS		3	Appendix V2-3B	All
143	KIA	KIA-73	~	~	~	 from permafrost will be given due consideration through thermal modeling, baseline and predictional sabina commits to providing this additional information in the FEIS. 	ctive inputs. 9	2 29	2.2.1, <u>2.16</u> 5.6	2-1 to 2-2, <u>2-19</u> 23
144	KIA	~	KIA-74			Sabina commits to reviewing and advancing the design of the TIA during the FS. Updated inform	mation on the TIA 2	6, 7	6.6.13, Appendix V2-7G	6-33 to 6-40, All
1 144	NIA		KIA-74			design will be included in the FEIS.		7		
145	KIA	~	KIA-75	~	~	Sabina commits to providing details on shallow geotechnical conditions at the various fuel store the FEIS and again for the water licence application process.	age facilities for 2	4	<u>7.1.5,</u> Appendix V2-7C 7.1	<u>7-10 to 7-13</u> , All 12
						Geotechnical assessments were conducted as part of the PFS but the results of these assessments	,	7	7.1.5, Appendix V2-7C	7-10 to 7-13, All
M 146	KIA	KIA-76	~	~	~	 available at the time of preparation of the DEIS. Sabina commits to providing these data, their and implications in the FEIS. 	r interpretation, 10	4	7.1	12
						Sabina commits to using available kinetic data to develop site specific criteria as well as assess	sing the screening	9	2.2	F /
M 147	KIA	~	KIA-78	~	~	 criteria used at other similar operations in Nunavut to help characterize our definition of PAG in the appropriate of the page 12 per pag	material. This will 2	7	<u>3.3</u> Appendix V2-7D	<u>5 to 6</u> All
						be presented within the FEIS.	aut of dotailed			
						Sabina commits that further interpretation of the forms and reactivity of NP will be made as painterpretation of the humidity cell test results. This will be completed as part of the FEIS. Co				
OM 148	KIA	KIA-79	~	~	~	given to different lithologies and/or zones within the deposit area that may have different pro	portions of 2	7	Appendix V2-7D	All
						unreactive NP.				_
)M 149	KIA	KIA-85	~	~	~	For Volume 11 (App1A to App4A), Sabina commits to rectify the classification of Barrel 6 as the barrel has a sulphide net potential ratio of 2.95 and is therefore classified as uPAG, this will be		7	Appendix V2-7D	All
						FEIS.				
W 150	KIA		KIA-89			As part of the FEIS, Sabina commits to detailing thermal analyses to determine the extent and		7	Appendix V2-7A	All
۸ 150	NIA	~	NIA-09	~	~	 taliks developing for all of the open and underground pits. The existing groundwater understar subsequently be expanded to include these new open taliks. 	nung witt 5	2	<u>2.4.1</u>	<u>2-23 to 2-24</u>
						Sabina is committed to using only geochemically suitable material for construction and closure	and will continue			
						characterization studies to further assess the ML/ARD potential and to develop an appropriate		7	Appendix V2-7D	All
M 151	KIA	KIA-100	~	~	~	FEIS for identifying and classifying this material at the time of the works to ensure appropriate construction.	10 10	7 16	3.4, 6.1	6 to 8, 11
									· 	,
								7	Appendix V2-7E, Appendix V2-7G	All, All
N 152	KIA	KIA-116	_	_	_	Sabina commits that WRSA and TIA design criteria will be assessed during the FS as thermal mo	odelling analyses 2	•	,	, m, , m
	NA	MA III				are conducted and the designs optimized. Updates will be provided in the FEIS.	10	9 22	<u>3.4, 3.6</u> 3.2, Table 3.2-1	<u>6 to 8, 8</u> 4 to 13, 7
						Prescreening of material will be completed prior to its removal and if substantial metal leaching	ng and acid rock			
DM 153	NRCAN	NRCan-1	~	~	~	 drainage potential is identified, the material will be managed accordingly. Sabina commits to r 		7 16	Appendix V2-7C <u>, Appendix V2-7D</u> 3.3, 6.1	All, <u>All</u> 6 to 8, 11
						details on these mitigation plans in the FEIS following development in the FS.	446-		<u>===, ===</u>	
011.454	NECTH			NDC4N 4		Sabina commits prior to commencement of works, but not necessarily prior to FEIS submission, geomechnical properties of the borrow material, its geochemistry and ARD/ML potential, the a		.,	22.22.25.244	2.7. 0
DM 154	NRCAN	~	~	NRCAN-1	~	material, proximity to infrastructure, and to consider avoidance of environmentally sensitive (e.g. fish and fish	16	<u>3.2</u> , 3.3, <u>3.5</u> , <u>3.6.1</u>	<u>3, 7 to 8</u>
						habitat) and culturally sensitive (e.g. archaeological) areas. Sabina commits to updating the terrain maps for Figure 4.2-1 (Appendix V5-3A) to illustrate the	e predominant			
DM 155	NRCAN	NRCan-3	~	~	~	direction of esker makers being northward.	3	3	Appendix V5-3A (Figure 4.2-1)	<u>4-5</u>
DM 156	NRCAN	NRCan-3	~	~	~	Sabina commits to updating the legend for terrain maps in (Appendix V5-3B) the FEIS to indicat sources were used.	te which map 5	3	Appendix V5-3B	All
						Sabina commits to substantiating the TIA closure design criteria and completing a thermal anal	vsis inclusive of	7	Appendix V2-7E	All
M 157	NRCAN	~	~	NRCAN-5	~	climate change considerations, to demonstrate the viability of the plan. This information will be	pe presented in the	3 2	Appendix V4-3B 2.2.1, 2.16	All 2-1 to 2-2, 2-19
						FEIS.	10	9	<u>4</u>	2-1 to 2-2, 2-19 <u>10</u>
						Sabina commits to conducting additional site characterization of foundation materials for prog	oosed alignments			
DM 158	NRCAN	~	~	NRCAN-7	~	of dykes and embankments for water retention structures associated with the TIA and dewater	•	7	7.1.5, Appendix V2-7A, Appendix V2-7I	<u>7-10 to 7-13</u> , All, All
						support detailed design after receipt of the water licence. This information will appear in the	FEIS.			
M 159	NRCAN	~	~	NRCAN-8	~	For the FEIS, Sabina commits to completing and presenting all appropriate geotechnical analysistructure, including its foundation.	is of the TIA 2	6, 7	6.6.13, Appendix V2-7G	<u>6-33 to 6-40,</u> All
M 160	NRCAN	NRCan-9	~	~	~	Sabina commits to providing further information on closure of the underground workings in the	FEIS. 2	7	Appendix V2-7H	All
						Sabina commits to considering the potential for through-taliks beneath flooded open pits in ass	10	29 7	<u>5.4</u> Appendix V2-7A, Appendix V2-7H	22 to 23 All, All
M 161	NRCAN	~	~	NRCAN-9	~	term effects on water quality and quantity. Information will be presented in the FEIS.	5	2	2.1.2.1, <u>2.4.1</u>	2-5 to 2-13, <u>2-23 to 2-2</u>
						Sabina commits to providing an updated analysis of permafrost distribution at depth through the		7	Appendix V2 7A	ΔII
DM 162	NRCAN	~	~	NRCAN-10	~	updated data analysis, and any other means required to depict any groundwater connections vopenings. This analysis will provide an updated account of the potential formation/decline of t		2	Appendix V2-7A <u>2.1.2.1</u>	All 2-5 to 2-13
						any potential through-taliks. Requested information will be presented in the FEIS.				
DM 163	NRCAN	NRCan-13	~	~	~	Sabina commits to undertake thermal modelling of both WRSA's and the TIA to validate cover d will be provided in the FEIS.	lesign criteria. This 2	7 9	Appendix V2-7E, <u>Appendix V2-7G (Appendix F)</u> 3.6	All, <u>All</u> 8
OM 164	NDCAN			NDCAN 12		Sabina commits to providing the appropriate design criteria and justification for any mitigation		7 8	_	<u>~</u> 7-20 to 7-24, <u>8-5</u>
OM 164	NRCAN	~	~	NRCAN-13	-	adopted for the project. This information will be presented in the FEIS.	2	7, 8	7.2.5, <u>8.5</u>	/-20 to /-24, <u>8-5</u>
						Sabina commits to further geotechnical studies, basic design, stability analysis, and any therma				6-33 to 6-40, <u>All</u>
M 165	NRCAN	NRCan-14				 are required to advance the design of tailings management for the purpose of water licencing. 	This work will be 2	6, 7	6.6.13, Appendix V2-7G (Appendix F)	

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
COM 166	NRCAN	~	~	NRCAN-14	~	~	Sabina commits to presenting the scope and details of the thermal modelling completed. Requested information will be presented in the FEIS.	2 5	7 2	<u>Appendix V2-7A</u> 2.4.1	<u>All</u> 2-23 to 2-24
COM 167	NRCAN	NRCan-15	~	~	~	~	For the FEIS, Sabina commits to estimate seepage quality and quantity to further advance the water management plans.	2	7	Appendix V2-7A (6.0), Appendix V2-7D, Appendix V2-7H	<u>5 to 8,</u> All, All
COM 168	NRCAN	~	~	NRCAN-15	-	~	Sabina commits to clarifying the extent of the Llama Lake talik to be used for assessment of project effects. This will be presented in the FEIS.	2	7	Appendix V2-7A, Appendix V2-7D, Appendix V2-7H	<u>5 to 8,</u> All, All
							For the FEIS, Sabina commits to provide more specific climate change predictions. These may be calculated	2	4	Appendix V2-4A	All
COM 169	NRCAN	NRCan-16	~	~	~	~	from thermal models to help refine the final engineering design.	10	9	3.6, 3.7	8 to 10
COM 170	NRCAN	~	~	NRCAN-16	~	~	Sabina commits to substantiating the closure design criteria for the open pits and completing a thermal and/or hydrogeological analysis, inclusive of climate change considerations, to demonstrate the viability of the plan. This information will be presented in the FEIS.	2 5	7 2	Appendix V2-7A <u>2.4.1</u>	All 2-23 to 2-24
							Sabina commits that additional analysis on the long-term effectiveness of permafrost encapsulation will be	2 4	7	Appendix V2-7E Appendix V4-3B	All All
OM 171	NRCAN	NRCan-17	~	~	~	~	completed as part of the FS, and will be reported in the FEIS. The analysis will consider the sensitivity to climate change and the rate of freezing for the WRSA and TIA.	5 9 10	2 2 9	2.12.4 2.10, 2.11, 2.13, 2.14, 2.15, 2.16 4	2-21 to 2-22 2-14 to 2-15, 2-16 to 2-19 <u>10</u>
							Sabina commits to continue geochemical characterization of pit wall materials, including a kinetic testing			-	
COM 172	NRCAN	NRCan-19	~	~	~	~	program. Water quality predictions for the pit lakes will be developed based on this characterization work and	2	7	Appendix V2-7D H (4.2.4)	28
							will be provided in the FEIS. A conceptual plan for treatment of the water from the filled pits will be developed once water quality predictions are available.	10	29	5.3	21 to 22
COM 173	NRCAN	NRCan-22	~	~	~	~	Sabina commits to providing additional geochemical characterization work, including results from the ongoing kinetic testing program. The updated water quality predictions will be provided in the FEIS.	2	7	Appendix V2-7D (7.2.3), Appendix V2-7H	<u>72</u> , All
							Sabina commits to further substantiating the TIA closure design criteria and completing a thermal analysis,	2	7	Appendix V2-7G (5.9)	<u>24</u>
OM 174	NRCAN	~	~	NRCAN-30	~	~	inclusive of climate change considerations, to demonstrate the viability of the plan. This information will be	4	3	Appendix V4-3B	All
							presented in the FEIS.	6	2	<u>2.4.1</u>	2-21 to 2-22
COM 175	NRCAN	~	~	NRCAN-32	~	~	Sabina commits to further substantiating the waste rock and TIA closure design criteria and completing a thermal analysis, inclusive of climate change considerations, to demonstrate the viability of the plan. This information	2	7, 8	Appendix V2-7E, 8.6, 8.7	All, 8-5 to 8-6
							will be presented in the FEIS.	4	3	Appendix V2-3C	<u>All</u>
							Sabina commits to including underground mine inflow in the site water and load balance model and account for the effect of the PAG backfill on the quality of that water and ultimately in the TIA. Further, Sabina will provide				
COM 176	AANDC	~	~	AANDC-9	~	~	quality estimates of the underground mine water at closure, including the effect of the PAG backfill, if such mine water is expected to be released to the natural environment. Requested information will be presented in the FEIS.	2	7	Appendix V2-7H (3.2.7, 4.2.3, 9.3)	23, 26, 57
COM 177	AANDC	~	~	AANDC-10	~	-	Sabina commits to including a rationale for excluding the 2006 phosphorus data	6	4	<u>4.1.6.4</u>	4-20 to 4-22
COM 178	AANDC	~	~	AANDC-10	~	~	Sabina commits to presenting phosphorus data from 1994 onwards in the FEIS.	6	4	<u>4.1.5.4</u>	<u>4-14 to 4-16</u>
COM 179	AANDC	~	~	AANDC-10	~	~	Sabina commits to presenting tabulated pH data that distinguishes between field and laboratory data. Clarification of the specific methodologies used to measure pH in the baseline program will be included in the FEIS.	6	4	4.1.6.1	<u>4-19 to 4-20</u>
COM 180	AANDC	~	~	AANDC-10	~	~	Sabina commits to including the requested information in the FEIS as described in the detailed response part of the technical response package (AANDC-10).	6	4	4.1.6.3	<u>4-20 to 4-21</u>
COM 181	AANDC	AANDC-15	~	~	~	~	The water balance for the Project is under review and will be updated for the FEIS. Sabina commits to further describing the viability of "zero discharge" and the implications on TIA design.	2	6, 7	6.6.13.3, 7.10, Appendix V2-7H, Appendix V2-7I	6-34 to 6-38, 7-42 to 7-48, All, All
COM 182	AANDC	AANDC-29	~	~	~	~	For the FEIS, Sabina commits to providing an estimate of water volume change, water volume remaining, and water level for each lake and surface mine (by year) throughout the Project.	2	7	Appendix V2-7H (Figures 6.1 to 6.13)	<u>All</u>
COM 183	AANDC	~	AANDC-30	4	~	~	Sabina commits to provide an operational plan and water balance to document how the minimum water levels within Goose and Propeller Lakes will be maintained. The FEIS will provide additional detail by incorporating the	2	7 1	Appendix V2-7H <u>1.5.4</u>	All 46-52
5011.404		1 WPC 22					latest engineering inputs derived from the FS. For the FEIS, Sabina commits to including Appendix A and Appendix B with the geotechnical and hydrogeological				
COM 184	AANDC	AANDC-33	~	~	~	~	drilling program report written by SRK (Nov, 2012).	5	2	2.1.2	2-5 to 2-22
OM 185	AANDC	AANDC-34	~	~	~	~	The appendices for the Knight Piesold report in Vol 5, App.2D will be included in the FEIS.	5	7	<u>2.1.2</u> Appendix V2-7H	<u>2-5 to 2-22</u> All
COM 186	DFO	~	~	DFO-3	~	~	Sabina commits to including additional details on the Umwelt Lake outflow in the FEIS.	6	1	арренан vz-7н <u>1.4.2.1</u>	1-38 to 1-39
COM 187	DFO	-		DFO-4		~	Sabina commits to providing additional rationale for selection of design criteria for sizing of culverts in the FEIS.	2	7	Appendix V2-7I (3.4, 3.5.4)	<u>12, 17</u>
COM 188	DFO	~	~	DFO-5	~	~	Sabina commits to conducting a fish passage flow assessment as part of the culvert design process. This information will appear in the FEIS.	2	6, 7	6.5.2.2, <u>6.6.2</u> , Appendix V2-7l	6-17, <u>6-21 to 6-24,</u> All
COM 189	DFO	~	~	DFO-15	~	~	Sabina commits to updating relevant references to current DFO policies and guidance documents found on the agency website. These updates will be completed within the FEIS.	6 7	6, 7 4, 5	<u>6.5.3,</u> 7.5.3 4.5.3, 5.5.3	6-61 to 6-70, 7-46 to 7-56 4-46 to 4-49, 5-29 to 5-31
COM 190	EC	EC-14	~	~	~	~	For the FEIS, Sabina commits to providing details on the total volume of water requiring treatment at the George Property. These values will support the final sizing and design of the collection ponds.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
COM 191	EC	~	~	EC-19	~	~	Wherever reasonable Sabina prefers the use of passive culverts instead of active pumping. Sabina commits to properly installing culverts where they are necessary. This information will appear in the FEIS.	2	7	Appendix V2-7I (3.4, 3.5.4)	12, 17
COM 192	EC	~	EC-25	~	~	~	Sabina commits to satisfy all regulations, including MMER, and water quality targets will be progressed further during the water licencing process.	2	7	Appendix V2-7H (7.0, Appendix D)	<u>All</u>
COM 193	EC	~	~	EC-26	~	~	Sabina commits to providing a detailed site-wide water and load balance. This information will be presented in	2	7	Appendix V2-7H (7.0, Appendix B)	All
COM 194	EC	~	~	EC-30	~		the FEIS. Sabina commits to adding xylene in the FEIS as a measured parameter for these discharge criteria.	2	6	Table 6.6-9	<u>6-31</u>
COM 195	EC	~	~	EC-33	~	~	Sabina commits to addressing seepage capture and pump-back requirements for dyke structures at the George site. Requested information will be presented in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
COM 196	GN	GN-8	~	~	~	~	The effects of evapotranspiration were discussed in the Volume 6, Chapter 1 (Sections 1.1.1.3, 1.1.3.2, and 1.1.3.4) but were not addressed in Volume 9, Chapter 2, "The Effects of the Environment on the Project". Sabina commits to providing this interaction in the FEIS risk matrix.	9	2	Table 2.2-1	2.3 to 2.6

Table V1-1B. Table of Commitments

TEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
OM 197	GN	GN-9	~	~	-	-	Sabina plans to develop Standard Operating Procedures that include the use of chlorination to ensure potability of water. Regular testwork of water quality will be conducted to ensure potable water meets Canadian drinking water standards. Sabina commits to meet all regulatory requirements around the management of potable water and additional details will be provided in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
OM 198	KIA	~	~	KIA-CR-11	-	~	Sabina commits to providing additional justification for design criteria adopted for any water management structures. Furthermore, Sabina commits to completing and presenting all appropriate geotechnical and hydrotechnical analysis of water management structure in the FEIS.	2	7	Appendix V2-7C, Appendix V2-7I (2.0, Appendix A)	All, <u>All</u>
OM 199	KIA	~	~	KIA-CR-16	~	-	Sabina commits to monitoring TIA water quality until the WQO's are met.	10	7 19 29	<u>8.3</u> 7.1 6.1	<u>49</u> 12 to 13 27 to 28
DM 200	KIA	~	~	KIA-CR-17	÷	~	The updated water balance will be used to provide additional details on the Umwelt Lake and outflow system in the FEIS. If an updated effects assessment indicates residual effects, then mitigation measures such as offsetting will be considered in collaboration with DFO and the KIA.	2 6 10	7 6 19	7.10.2.6 <u>6.5.3.1</u> 6.1.4	7-47 <u>6-61 to 6-63</u> 8 to 10
M 201	KIA	~	~	KIA-IR-17	~	~	Sabina commits to provide further rationale and methodology for criteria selection during the water licensing process. Further, Sabina commits to provide specific tundra discharge locations for treated sewage, along with supporting rationale, in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
DM 202	KIA	~	-	KIA-CR-18	~	~	Sabina commits to conducting a second year of baseline fish sampling in Giraffe Lake if this lake remains a potential receiving environment. Sabina will make this information available in the FEIS or prior to the final technical review.	6	7	<u>7.5.2.1</u>	<u>7-43</u>
M 203	KIA	~	~	KIA-IR-19	~	~	Sabina commits to provide further rationale and methodology for criteria selection during the water licensing process. Further, Sabina commits to provide specific tundra discharge locations for treated sewage, along with supporting rationale, in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
M 204	KIA	~	~	KIA-IR-20	~	-	Sabina commits to provide further rationale and methodology for criteria selection during the water licensing process. Further, Sabina commits to provide specific tundra discharge locations for treated sewage, along with supporting rationale, in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
M 205	KIA	~	~	KIA-IR-21	~	~	Sabina commits to provide specific tundra discharge locations for treated sewage, along with supporting rationale, in the FEIS.	10	7	3.3.2, <u>3.3.3</u>	<u>7-13 to 7-14</u>
M 206	KIA	~	~	KIA-IR-22	~	~	Sabina commits to provide further rationale and methodology for criteria selection during the water licensing process. This information will appear in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
M 207	KIA	~	~	KIA-IR-23	~	~	Sabina commits to provide further rationale and methodology for criteria selection during the water licensing process. This information will appear in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
M 208	KIA	~	~	KIA-IR-25	~	~	Sabina commits to provide further rationale and methodology for criteria selection during the water licensing process. This information will appear in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
DM 209	KIA	~	~	KIA-IR-26	~	~	Sabina commits to provide further rationale and methodology for criteria selection during the water licensing process. This information will appear in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
DM 210	KIA	-	-	KIA-IR-27	~	-	Sabina commits to developing a water and load balance that will be used to develop water management plans for all stages of the project including construction, operation, closure and post-closure. This will be used to demonstrate that any discharge that runoff will comply with appropriate WQOs once it reaches the closest waterbody or watercourse. Locations for discharges to the tundra along with rationale for their selection will be provided. This information will be provided as part of the FEIS.	2 10	7 7	Appendix V2-7H 3.3.2, 3.3.3	All 7-13 to 7-14
M 211	KIA	~	~	KIA-IR-28	-	~	In the FEIS, Sabina commits to clarifying the TSS thresholds and mitigation measures to meet those limits as well as describing the fate of water removed from Llama Lake, Lytle Lake and Occurrence Lake as part of the site-wide water and load balance.	2 6	7 4, 5	7.10.2.5, 7.10.2.6, Appendix V2-7H 4.5.4.1, 5.5.3.1, 5.5.4.1	<u>7-45 to 7-47,</u> All <u>4-45 to 4-46,</u> 5-26 to 5-28, 5-31 to 5-32
DM 212	KIA	~	~	KIA-IR-29	~	~	Sabina commits to including seepage from the TIA as a pathway for the freshwater water quality assessment chapter for the FEIS.	6	4	4.5.2.4	4-37
M 213	KIA	~	~	KIA-IR-33	~	~	Sabina commits to use figures illustrating creek cross sections under baseline and projected scenarios for a range of wet and dry years in the FEIS.	6 10	1, 6 21	Appendix V6-1A (Appendix 2 and Appendix 4), Appendix V6-1B (Appendix 2 and Appendix 3), Appendix V6-1C (Appendix 3 and Appendix 4), Appendix V6-1D (Appendix 3) 6.3.3	<u>All, All, All</u> <u>6-10</u>
M 214	KIA	KIA-88	~	-	~	~	The preliminary designs for the impermeable dykes will be an output from the FS. Further geotechnical investigation will address the dyke design, the foundation conditions and the potential for the development of a talik. The potential for seepage from Lytle and Occurrence Lake to the Locale 1 and Locale 2 pits will be considered. Estimated seepage rates and management of the potential seepage will also be completed. Sabina commits that this information will be included in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
)M 215	KIA	~	KIA-128	~	~	~	Sabina commits to providing design criteria in the FEIS and NWB applications to quantify the wetted habitat loss in all impacted water.	10	21	<u>6.2, 6.3</u>	<u>28 to 37</u>
M 216	NRCAN	NRCan-4	~	~	~	~	Further geothermal analysis is being conducted as part of ongoing preparation for the FS and Sabina commits that this information will be included in the FEIS.	2 5	7 2	<u>Appendix V2-7A (6.0)</u> , Appendix V2-7H 2.1.2.2	<u>5 to 8,</u> All 2-13 to 2-21
M 217	NRCAN	NRCan-5	~	~	2	-	Saline water management has been considered through the operational stipulation to transport the saline water to the TIA. Sabina commits to include saline groundwater contributions to the TIA and confirm the final quality of the tailings supernatant at closure in the FEIS water balance.	2	7	7.10.2.9, 8.5, Appendix V2-7H, Appendix V2-7A	<u>7-47 to 7-48, 8-5,</u> All, All
M 218	NRCAN	NRCan-8	~	~	~	~	For the FEIS, Sabina commits to developing a thermal model to confirm permafrost predictions beneath the TIA.	2 5 6	7 2 2	<u>Appendix V2-7G (Appendix G)</u> 2.4.1 2.4.1	<u>All</u> 2-23 to 2-24 <u>2-21 to 2-22</u>
	NRCAN	~	~	NRCAN-11	2	~	Sabina commits to depicting any groundwater connections with mine openings. Where discharges to the environment are predicted based on the site wide water and load balance, appropriate mitigation measures will be presented in the FEIS.	2	7	Appendix V2-7A, <u>Appendix V2-7H (3.2.7, 4.2.3, 9.3)</u>	All, <u>23, 26, 57</u>
DM 219							·				
OM 219 OM 220	NRCAN	~	~	NRCAN-17	~	~	Sabina commits to presenting the scope and details of the hydrogeological modelling completed. Requested information will be presented in the FEIS.	2	7	Appendix V2-7A	All

Table V1-1B. Table of Commitments

EM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
OM 222	NRCAN	-	~	NRCAN-19	~	~	Sabina commits to providing an updated analysis of permafrost distribution at depth through thermal modelling, updated data analysis, and any other means required to depict any groundwater connections with the mine openings. This analysis will provide an updated account of the potential formation/decline of taliks, including any potential through-taliks. Requested information will be presented in the FEIS.	2	7	Appendix V2-7A (4, 6)	6 to 15, 20 to 26
OM 223	NRCAN	~	~	NRCAN-22	~	~	Sabina commits to providing justification for not obtaining more information on the fault zones as it relates to groundwater flows in talik regions. This information will be provided in the FEIS.	2	7	7.1.1, Appendix V2-7A (4.2, 4.3)	<u>7-3 to 7-5, 6 to 8</u>
OM 224	NRCAN	~	~	NRCAN-24	~	~	Sabina will develop and operate a safe mine including appropriate underground water management. These elements will be addressed as part of the standard mine operational procedures to be approved by the Mines	2	7	<u>7.2.5.6</u>	<u>7-23 to 7-24</u>
DM 225	NRCAN	~	~	NRCAN-27	~	~	Inspector. Sabina commits to providing results of any groundwater modelling completed for Llama pit. These details will be	2	7	Appendix V2-7A (4, 6)	6 to 15, 20 to 26
							presented in the FEIS. Sabina commits to providing an updated analysis of permafrost distribution at depth through thermal modelling,	2	7		ΔΙΙ
DM 226	NRCAN	~	~	NRCAN-29	~	~	updated data analysis, and any other means required to depict any groundwater connections with the mine openings. This analysis will provide an updated account of the potential formation/decline of taliks, including any potential through-taliks. Requested information will be presented in the FEIS.	2 5	2	Appendix V2-7A <u>2.4.1</u>	2-23 to 2-24
DM 227	DFO	DFO-6	~	~	~	~	Sabina commits to develop marine mammal observation procedures in-line with federal and government of Nunavut shipping management protocols. Further details will be provided in the FEIS.	10	15 20	<u>11.3</u> 7.3.8.5	<u>19 to 20</u> 112
DM 228	DFO	~	~	DFO-6	~	~	For the FEIS, Sabina will include potential impacts along the shipping route, including ship noise and ship strikes. This will be conducted utilizing publically available information.	7	6	Appendix V7-6A (6)	<u>6-4, 6-5</u>
DM 229	EC	~	~	EC-2	~	~	Sabina will provide additional detail in the FEIS and further consider realistic 'no disturbance' setbacks.	10	15	<u>1.2</u> , <u>11.2</u>	<u>2</u> , <u>19</u>
OM 230	EC	~	~	EC-2	~	~	Sabina will provide an annual log and map of ship tracks in annual monitoring reports.	10	15	<u>1.2</u>	<u>2</u>
OM 231	EC	~	~	EC-3	~	~	To the extent that the information is made available from the Canadian Coast Guard, Sabina commits to providing data on the percentage increase in shipping traffic in the FEIS.	7	6	Appendix V7-6A (Table 3.4-1)	3-4
OM 232	EC	~	~	EC-5	~	~	Sabina commits to working within the existing regulatory framework defined by Transport Canada. An approved SOPEP will be in place by the shipping provider prior to the commencement of any shipment.	10	15	2.1	6
OM 233	EC	EC-6	~	~	~	~	Sabina commits to develop seabird observation procedures in-line with federal and government of Nunavut shipping management protocols. These details will be provided in the FEIs.	10	15 20	<u>11.3</u> 7.3.7.5	<u>19 to 20</u> 110
OM 234	EC	~	~	EC-8	~	~	Sabina commits to working within the existing regulatory framework defined by Transport Canada. Sabina will consider additional clarity on the reporting of bird strikes in the Incidental Observation Procedure included in the FEIS. If the frequency of strikes is significant, Sabina will implement adaptive management procedures to	10	15 20	<u>11.3</u> 6.11, 7.3.7.5	19 to 20 46 to 47, 110
OM 235	EC	-	EC-9	-	~	~	address this concern. Sabina commits to complying with standard shipping guidance, and implementing a series of management plans, which will be in effect within the marine Local Study Area and/or the marine Regional Study Area in Bathurst Inlet. Implemented together, these plans will limit effects on marine birds in the common shipping route.	10	15 20	All 7.3.7	All 108 to 110
OM 236	EC	~	~	EC-25	~	~	Sabina commits to a further review in the FEIS of monitoring requirements of discharged brine for compliance with subsection 36(3) of the Fisheries Act prior to release to the marine environment.	7	2	2.5.3.6	33 47 to 50
							For the FEIS, Sabina will provide details on any accommodation barge or overwintering fuel vessel proposed for	10	19	7.2.2.2	14 14
OM 237	TC	~	~	TC-2	~	~	use. This will address compliance with regulatory requirements and include information on the type of vessels involved, operations plan, and risk assessment.	2	4	4.3.9	<u>4-27 to 4-28</u>
OM 238	TC	~	TC-3	~	~	~	Sabina commits to reference the AWPPA in the Shipping Management Plan section related to pollution prevention as the vessels transiting to/from and employed within the MLA are required to comply with the Act in addition to the Canada Shipping Act (2001).	10	15	<u>7.1</u>	<u>12 to 13</u>
OM 239	TC	~	~	TC-3	~	~	Sabina commits to reviewing, for the FEIS, the stated regulatory requirements specific to choice of route and vessels.	10	15	<u>5</u>	9 to 11
OM 240	TC	~	TC-4	~	~	~	Sabina commits to request a meeting with Canadian Hydrographic Services officials to ensure their engagement on a potential bathymetric survey of the MLA area.	2	4	4.2.2.3	<u>4-6 to 4-7</u>
OM 241	AANDC	~	~	AANDC-31	~	~	Sabina commits to further consider the potential of the Project to result in out-migration of skilled workers, as well as out-migration of former employees upon various closure phases of the mine. This information will be included in the FEIS.	8	3	<u>3.3.2.1,</u> Table 3.3-1	3-30 to 3-34, 3-31 to 3-32
DM 242	AANDC	~	~	AANDC-32	~	~	For the FEIS, Sabina will provide training plans derived from the completed job descriptions for the Back River site positions.	8 10	3 28	<u>3.5.3.4</u> 7.3.2.3	3-80 to 3-84 16 to 17
DM 243	AANDC	~	~	AANDC-34	~	~	Sabina will govern gender equality through the CHRC - Human Rights Maturity Model where current and future polices and practices follow: 1) Leadership and accountability; 2) Capacity building and resources; 3) Alignment of policies and processes; 4) Communication and consultation; and 5) Evaluation for continuous improvement. This commitment will appear in the FEIS.	10	28	<u>7.3.2.6</u>	<u>17 to 18</u>
OM 244	AANDC	~	~	AANDC-34	~	~	Sabina will work with relevant Community groups to promote and encourage the candidacy of women for employment vacancies. This commitment will appear in the FEIS.	10	28	<u>7.3.2.6</u>	<u>17 to 18</u>
OM 245	AANDC	AANDC-60	~	~	~	~	Sabina commits to providing an FEIS update to the Mine Closure Reclamation Plan that summarizes the post-reclamation risks to humans and the environment. This will based on more detailed evaluations provided in Volume 8, Chapter 6 and applicable Volume 8 appendices. Sabina will also present a closure cost estimate. [Closure Plan]	10	29	<u>5.15</u> , <u>7</u>	<u>27</u> , <u>29</u>
DM 246	AANDC	AANDC-67	~	~	~	~	Sabina commits to provide additional details on workforce requirements as part of the FEIS submission.	8	3	<u>3.5.2</u> , 3.5.3.1, 3.5.3.3	3-46 to 3-48, 3-48 to 3-61, 3-64 to 3-80
DM 247	AANDC	~	AANDC-69	~	~	~	Sabina commits to update the FEIS to include more recent socio-economic baseline data than the information referenced in the Volume 8, Chapter 3.	8	3	3.1.2	3-1 to 3-25
OM 248	AANDC	AANDC-70	~	~	~	~	Sabina commits to providing appropriate training to ensure Inuit and Nunavummiut have employment opportunities.	10	28	7.3.1	<u>15</u>
OM 249	AANDC	AANDC-73	~	~	~	~	Sabina commits to providing appropriate notice periods for lay-offs from Back River operations as mandated by the statutes of the Labour Standards Act of Nunavut.	10	28	<u>3.1.7</u>	<u>6</u>

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
COM 250	GN	~	~	GN-1	~	~	The Kitikmeot Region SEMC is actively engaged in the monitoring of conditions in communities, including aspects of Population Demographics and Community Infrastructure and Public Services. Sabina will continue to participate in this ongoing initiative.	10	23	1	1
COM 251	GN	~	~	GN-3	~	~	Sabina commits to ongoing community engagement so that members of the communities, including youth and education service providers, are aware of the career opportunities with the Project and can make informed decisions regarding education and skills development. This information will appear in the FEIS.	10	28	<u>7.3</u> , 7.3.2.5	<u>15 to 18</u>
COM 252	GN	~	~	GN-3	~	~	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. This information will appear in the FEIS.	10	28	<u>7.3</u> , 7.3.2.5	<u>15 to 18</u>
COM 253	GN	~	~	GN-3	~	~	Updated information will be included in the FEIS. This will include more specific information on the number of jobs that will be available with the Project and the general education/training requirements for these jobs.	8	3	3.5.2, 3.5.3.1, <u>3.5.3.3,</u> 3.5.3.4, Appendix V8-3B	3-46 to 3-48, 3-48 to 3-61, <u>3-64 to 3-80,</u> 3-80 t 3-84, All
COM 254	GN	~	~	GN-4	~	~	Further details regarding the workforce schedule, including number of positions and general skill and experience requirements, will be provided in the FEIS based on what is known at the time with the advancement of engineering design.	8	3	3.5.2, 3.5.3.1, <u>3.5.3.3</u> , 3.5.3.4, Appendix V8-3B	3-46 to 3-48, 3-48 to 3-61, <u>3-64 to 3-80,</u> 3-80 t 3-84, All
COM 255	GN	~	~	GN-4	~	~	Sabina will work closely with GN Family Services and the Apprenticeship program in Nunavut to align mine site program planning. This information will appear in the FEIS.	10	28	<u>7.3.2.1</u>	<u>16</u>
COM 256	GN	~	~	GN-5	~	-	Sabina commits to updating the baseline information provided in Volume 8, Chapter 3 (Socio-economics), Section 3.1.2.2 (Employment) and Section 3.1.2.3 (Education and Training) with the most current and applicable National Household Survey and Labour Force Survey data. Additional analysis and more detail will be provided in the FEIS for potential in-migration due to Project-related indirect (supplier) and induced employment in Kitikmeot communities and the consequences/needs of immigrant workers,	8	3	<u>3.1.2</u> , 3.3.2.1, 3.5.3.5	3-1 to 3-25, 3-30 to 3-34, 3-84 to 3-95
COM 257	GN	~	~	GN-6	~	~	Sabina commits to including additional information in the FEIS concerning: 1. Training approaches and methods specific to Nunavummiut and Inuit 2. Incorporation of Inuit Qaujimajatuqangit into Community Based Monitoring initiatives.	10	23 28	2, <u>5.2</u> <u>7.3</u>	1, <u>4 to 5</u> <u>15 to 18</u>
COM 258	GN	~	~	GN-7	~	~	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. This information will appear in the FEIS.	3 10	1 26	1.5.3.4 <u>3.1</u>	1-28 to 1-35 2 to 3
COM 259	GN	~	~	GN-8	~	~	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. This information will appear in the FEIS.	3 10	1 26	1.5.3.4 <u>3.1</u>	1-28 to 1-35 2 to 3
COM 260	GN	~	~	GN-9	~	~	Sabina commits to providing in the FEIS further analysis and more detail regarding the potential for migration into Cambridge Bay and Kugluktuk due to Project-related indirect and induced employment. As recommended by the Nunavut Housing Corporation (NHC), a sensitivity analysis that incorporates a number of scenarios will be included as part of the analysis given the uncertainties involved.	8	3	3.3.2.1, <u>3.5.3.5</u>	3-30 to 3-34, <u>3-84 to 3-95</u>
COM 261	GN	~	~	GN-10	~	~	Sabina commits to reviewing relevant statements concerning annual housing construction in Nunavut and, in the FEIS, will provide a regional breakdown of where new public and private housing units have been constructed where the information is available.	8	3	<u>3.1.2.6</u>	<u>3-11 to 3-16</u>
COM 262	GN	~	~	GN-11	~	~	For the FEIS, Sabina will provide information regarding sexual health as part of our general Wellness information program to be delivered at site. The company commits to providing on-site access to condoms in an effort to mitigate the spread of STI's. The program information will be delivered by qualified health practitioners.	10	28	<u>7.1.5.2</u>	<u>12</u>
COM 263	GN	-	-	GN-12	-	-	Sabina will review the subject of "up-to-date" immunization for employees and provide additional details in the FEIS. 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 HS&E 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.	10	25	<u>3.12</u>	<u>11</u>
COM 264	GN	~	~	GN-13	~	~	In the event that 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. This commitment will be added to the FEIS.	10	28	<u>7.1.1</u>	9 to 10
COM 265	GN	~	ži.	GN-14	ú	~	Sabina commits to providing descriptions of all employee support programs and training undertaken including: a qualitative description of the structure and goals of each program; the number of times it was provided to employees and; the percentage of employees (at every level) who have successfully completed the program. This will be provided annually via a relevant annual report mechanism.	10	28	7.3.1	<u>15</u>
COM 266	GN	~	~	GN-14	~	-	Sabina commits to providing a description of the manager's, councilors, or HR representative's duties in relation to employee support, their on-site availability and a general assessment of whether the position is achieving the desired goals. This will be provided annually via a relevant annual report mechanism.	10	28	<u>7.3.2.4</u>	<u>17</u>
COM 267	GN	~	~	GN-15	~	~	Sabina commits to integrating Table GN-CH-37 (Regional Study Area Archaeology Site Types) into the appropriate sections of FEIS.	8	1	1.4.1.2, <u>Appendix V8-1C</u>	1-15, <u>All</u>
COM 268	GN	-	~	GN-16	~	~	Sabina commits to integrating Table GN-CH-41-1 (Archaeological Site Cultural Affiliations) and Table GN-CH-41-2 (Archaeological Artifacts by Site) into the appropriate sections of the FEIS.	8	1	1.4.1.2, <u>Appendix V8-1C</u>	1-15, <u>All</u>
COM 269	GN	-	~	GN-17	~	~	Sabina commits to providing a set of maps to the Department of Culture and Heritage on March 31st of each year illustrating changes in the Project footprint are occurring or an archaeological permit is obtained.	10	27	<u>11</u>	<u>12</u>
COM 270	GN	_		GN-18		~	Sabina commits to providing summaries of the current status of all known archeology sites within 80 meters of the Project Infrastructure by March 31 of each year.	10	27	<u>11</u>	<u>12</u>

Table V1-1B. Table of Commitments

	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
DM 271	GN	~	GN-23	~	~	~	For the FEIS, Sabina commits to updating data for 'GDP contributions of the Back River Project for Operation' (Volume 8, Table 3.5-8)	8	3	3.5.3.1, Table 3.5-5, <u>Table 3.5-8</u>	3-48 to 3-61, 3-50, <u>3-55</u>
272	GN	~	GN-24	~	~	~	Sabina commits to providing more recently released information from the 2011 National Household Survey in the FEIS.	8	3	<u>3.1.2</u>	3-1 to 3-25
273	GN	GN-28	~	~	~	~	Sabina commits to working in partnership with the KIA and other stakeholders such as MiHR, Northern Arctic College to identify skills gaps for work readiness training.	10	28	7.3.2.1	<u>16</u>
274	GN	~	GN-29	~	~	~	Sabina commits to ensuring appropriate policies are included in the FEIS to protect the workforce from sexual harassment or abuse.	10	28	3.1.4	<u>4 to 5</u>
275	GN	GN-31	~	~	~	~	Sabina commits to providing an EAP which is appropriate to our workforce. That may include access to counselors onsite or referrals to additional facilities should the need arise. Sabina remains committed to allowing for employment opportunities onsite for Inuinnaqtun and/or Inuktitut speaking staff.	10	28	<u>3.1, 3.1.5</u>	<u>2 to 6</u>
\ 276	GN	GN-32	~	-	~	-	Currently there are no formalized plans for community contributions related to community health and wellbeing. Over the past five years, Sabina has committed funds and resources towards community initiatives including daycares, food banks, suicide prevention, traditional pursuits, cultural events, and education initiatives. As the Project advances Sabina remains committed to working with the Kitikmeot Inuit Association, Government of Nunavut, the Kitikmeot communities and associated community groups to ensure reasonable community benefits are established. This will be stated in the FEIS.	3	1	<u>1.5.3.3,</u> 1.5.3.4	<u>1-28 to 1-35,</u> 1-35
277	GN	GN-33	~	~	~	~	Sabina has obtained information on the new Rent Scale System and will include this information, where relevant, in the FEIS. Going forward, Sabina commits to working with the NHC, as appropriate, to help ensure that accurate information is provided to workers.	8	3	3.5.3.5	3-84 to 3-95
278	GN	~	GN-34	~	~	~	Sabina commits to making a formal request to the Nunavut Housing Corporation for detailed information on the number of new housing units by community. This will be provided in the FEIS.	8	3	<u>3.1.2.6</u>	3-11 to 3-16
1 279	GN	~	GN-36	~	~	~	In the FEIS, Sabina commits to providing updated information on the Nunavut Housing Corporation's annual budget, as made available by the NHC.	8	3	<u>3.1.2.6</u>	3-11 to 3-16
280	GN	-	GN-36	~	~	~	Sabina commits to correcting the numbers presented in the DEIS for archaeological sites such that values are consistent throughout the FEIS for each project management area.	8	1	<u>1.5.2</u> , 1.5.3.3, 1.5.5.2	<u>1-16 to 1-24,</u> 1-25, 1-28
281	GN	~	GN-37	~	~	~	Sabina commits to correcting the numbers presented in the DEIS for archaeological sites such that values are consistent throughout the FEIS for each project management area.	8	1	<u>All</u>	<u>All</u>
282	GN	~	GN-39	~	~	~	In the FEIS, Sabina commits to providing more detail on the criteria used to assign archaeological significance in the main body of the EIS (Volume 8, Section 1.5.2.4).	8	1	1.5.1.2	<u>1-15 to 1-16</u>
283	GNWT	GNWT-13	~	~	~	~	Sabina commits to present a final determination of flight routes and schedules in the FEIS. It is anticipated that some Southern employees may travel through Yellowknife in order to access site during the Project life.	2	5	<u>5.6</u>	5-2 to 5-3
284	GNWT	GNWT-14	~	~	~	~	Sabina commits to responsibility for financing any potential evacuations of all project personnel. This will be stated in the FEIS.	10	25	<u>3.12</u>	<u>11</u>
285	KIA	KIA-44	~	~	~	~	For the FEIS, Sabina commits to include a more robust consideration of the broader RSA effects that were considered and included in the assessment (Vol 8, Employment - Cumulative Residual Effects).	8	3	3.5.3.3, <u>3.6.2.1</u>	3-64 to 3-80, <u>3-113</u>
286	AANDC	AANDC-3	~	~	~	~	Sabina commits to clarifying in the FEIS, the approach used to determine spatial effects including consideration for the extent of potential project effects.	9	1	1.2.3.2	<u>1-16 to 1-17</u>
287	AANDC	~	~	AANDC-16	~	~	Sabina commits to review and update, as appropriate, the chapter for accidents and malfunctions in the FEIS.	9	3	3.3	3-6 to 3-20
288	AANDC	~	AANDC-55	~	~	~	Sabina commits to providing additional information on oil spill response procedures, and expected conditions outside the MLA, for non-navigable rivers, creeks and other waterways. This will be provided for the FEIS.	10	5	<u>8.2.2</u>	<u>24</u>
289	EC	EC-Followup-1	~	×.	~	~	Sabina commits to including the missing appendices from the Oil Pollution Emergency Plan in the FEIS.	10	6	Annex 1, Annex 2, Annex 3, Annex 4, Annex 5, Annex 6, Annex 7, Annex 8, Annex 9	All
290	EC	EC-Followup-3	~	~	~	~	For the FEIS, Sabina commits to providing response details in an updated version of the Spill Contingency Plan for a potential ammonium nitrate spill to water.	10	5	8.3.4	<u>26 to 27</u>
291	EC	EC-Followup-4	~	~	-	~	Sabina commits to replacing the references from (Section 7.2.2 Regional Environmental Emergencies Team of the Oil Pollution Emergency Plan; and Section 2.1.6, Spill Response Procedures, of the Shipping Management Plan) with the Environmental Emergencies Science Table information provided by Environment Canada.	10	6 15	7.2.2 7.9	15 to 16
292	тс	-	-	TC-1	~	-	Sabina commits to amending the legislative requirement section of the OPEP to comply with section 168 (1) (b) (iii) of the CSA, 2001. Sabina will include a list of all employees authorized to implement the OPEP and their contact information, on the Oil Handling Facility Declaration. It should be noted that any list of authorized employees would be initial in detail as Sabina will not have all relevant positions hired. All requested information will be included in the FEIS.	10	6	Oil Handling Facility Declaration (Table 1)	<u>viii</u>
293	AANDC	~	~	AANDC-7	-	~	Sabina commits to determining potential groundwater flow pathways (where possible) and including those in the site wide water and load balance. This water and load balance will be used to determine the appropriate water management plans for all the project phases including construction, operation, closure and post closure. This information will be presented in the FEIS.	2	7	Appendix V2-7A (5.0), Appendix V2-7H (3.2.7, 4.2.3, 9.3)	<u>All, 23, 26, 57</u>
294	AANDC	~	-	AANDC-8	-	~	Sabina commits to determining the groundwater flow pathways and including those in the site wide water and load balance. This water and load balance will be used to determine the appropriate water management plans for all the project phases including construction, operation, closure and post closure. This information will be presented in the FEIS.	2	4 7	4.2.9.1 Appendix V2-7A (5.0), Appendix V2-7H,	4-19 All, 23, 26, 57
2 74											
295	AANDC	AANDC-13	~	~	~	~	Sabina commits to providing additional design details deemed necessary for any planned raw water intakes in a future update to the Site Water Monitoring and Management Plan in the FEIS.	2 10	7 7	Appendix V2-7I, <u>Appendix V2-7J</u> 3.5.2	All, <u>All</u> 19 to 20

Table V1-1B. Table of Commitments

TEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
M 297	AANDC	~	~	AANDC-21	~	~	Sabina commits to providing additional rationalization of the temporal boundaries used to determine pit water quality with consideration for predicting the ultimate residual effects to water quality in the long term. A suitable water management plan will be presented in the FEIS.	2	7	Appendix V2-7H (7.0, Appendix C, Appendix D, Figures 6 to 9), Appendix V2-7I	43 to 51, All, All, All
1 298	AANDC	~	~	AANDC-22	~	~	Sabina commits to providing a detailed site wide water and load balance for the project. This will be used to develop detailed water management plans for the different phases of the project including construction, operation, closure and post-closure. This information will be presented in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
w 299	AANDC	~	~	AANDC-23	~	~	Sabina commits to providing a detailed site wide water and load balance for the property. This will be used to develop detailed water management plans for the different phases of the project including construction,	2	7	Appendix V2-7H (5.4, 6.2 to 6.9)	35, 37 to 41
M 300	AANDC	~	~	AANDC-24	~	~	operation, closure and post-closure. This information will be presented in the FEIS. Sabina commits to providing an updated Mine Closure Reclamation Plan and closure costs in the FEIS.	10	29	7	29
M 301	AANDC	~	~	AANDC-25	~	~	Sabina commits to re-evaluating and providing additional justification on the duration of post-closure monitoring that will be required based on the new Mine Closure Reclamation Plan submitted as part of the FEIS.	10	29	<u>5</u>	<u>20 to 27</u>
M 302	AANDC	~		AANDC-27	~	~	Sabina commits to including the potential for re-vegetation research in the Preliminary MCRP in the FEIS.	10	29	1.7	7 to 9
502	70.1.150			7011120 27			Sabina commits to providing additional details on how Sabina will support development of a workforce that is			<u></u>	<u>/ 10 /</u>
A 303	AANDC	~	~	AANDC-33	~	~	career oriented, particularly in relation to the Continuous Development and Training Program. This information will be presented in the FEIS.	10	28	7.3	<u>15 to 18</u>
M 304	AANDC	AANDC-35	~	-	~	~	For the FEIS, Sabina commits to providing an updated water balance into the management plans and water licence application material. This will specific include inputs from any saline groundwater inflow.	2	7, 8	Appendix V2-7H (3.2.7, 4.2.3, 9.3), 8.4, 8.5	23, 26, 57, 8-4 to 8-5
w 305	AANDC	~	AANDC-44	~	~	~	Sabina commits that the AEMP analyses will explicitly consider statistical power and will be refined and developed throughout the program. For example, time-series regression analyses may be introduced to the analysis later in the AEMP to provide independent validation and verification of results.	10	19	<u>7.2.3.1</u>	<u>20 to 22</u>
									3	4.1.1	(7) 50
									8	8	(7) 50 (12) 29
									9	9	(13) 8
									12	9	(16) 12 to 13
									13 16	8 8	(17) <u>14 to 16</u> (18) 6 to 8
									17	<u>8</u>	(19) 35
1 306	AANDC	AANDC-52	~	~	~	~	As part of the FEIS and water licencing process, Sabina commits to update and build on the Adaptive	10	18	<u>8</u>	(20) 112 to 113
	7050	7011100 32					Management framework described in the EMP (Volume 10, Chapter 1).		19	8	(22) 16
									20 22	8 8	(23) 9 to 10 (24) <u>6 to 9</u>
									23	5.4	(24) <u>0 (8)</u> (26) 3
									24	<u>7.1.2, 7.2.2, 7.2.3</u>	(27) 6 to 12
									26	7.1	(28) 9 to 18
									27 28	8 7	(29) 29
									29	6.3	
							Described to the standard to t	7	2	<u>2.5.3.2,</u> <u>2.5.3.6</u>	<u>35</u>
M 307	DFO	DFO-5	~	~	~	~	Potential impacts due to physical works associated with the desalination plant at the MLA will be addressed as part of the overall Fisheries Offsetting Plan provided in the FEIS.		19	7.2.2.2	14
								10	21	6.2	6-1 to 6-2
M 308	DFO	~	~	DFO-7	~	~	For the FEIS, Sabina will produce appropriate protocols, based on the DFO protocols, but adapted for incidental marine mammal observations by ship's personnel.	10	20	7.3.8.5	<u>112</u>
M 309	DFO	~	~	DFO-8	~	~	Sabina commits to designing the desalinization plant intake and outfall structures in accordance with DFO Operational Standards and any other guidelines. Details will be presented in the FEIS.	2 10	6, 7 7	6.4.11, 7.10.1 <u>3.2.1</u>	<u>6-12</u> , 7-41 to 7-43 <u>4 to 5</u>
M 310	DFO	~	~	DFO-9	~	~	Sabina commits to continuing to explore offsetting options and consultation with the affected communities through the permitting process. Offset engagement has and will continue to be primarily those communities in close proximity to the Project.	10	21	<u>2</u>	<u>7 to 14</u>
M 311	DFO	~	~	DFO-10	~	~	Sabina commits to continue working with the DFO in the development of the offsetting plan and the quantification of Serious Harm.	10	21	2	<u>7 to 14</u>
M 312	DFO	~	-	DFO-11	~	~	If any other lakes are proposed as water source lakes for closure, then Sabina commits to providing details specific to those lakes in the FEIS.	10	29	4.2	<u>17 to 19</u>
M 313	DFO	~	~	DFO-13	~	~	Sabina commits to producing monitoring and adaptive management SOPs for seal lairs during the construction of the winter road to the MLA and aircraft strip.	10	20	<u>6.4.3.4, 7.2.8</u>	<u>20</u> , <u>68 to 69</u>
M 314	DFO	~	ë	DFO-14	~	~	For the FEIS, Sabina commits to updating the general triage number and email address from the DEIS to the current DFO information provided.	10	5	<u>Table 5.10-4</u>	<u>13</u>
M 315	EC	~	~	EC-1	~	~	Sabina commits to recording data on incidental seabird observations along the shipping route. Proposed methods for observations and data handling to ensure compatibility with existing databases will be included in the FEIS Wildlife Mitigation and Monitoring Plan.	10	15 20	<u>11.3</u> 7.3.7.5	19 to 20 110
W 316	EC	-	-	EC-4	-	-	In order to monitor potential effects on waterfowl in on-site ponds, Sabina commits to: 1) monitoring water quality in Project ponds, 2) monitoring whether migratory waterfowl use these ponds for staging and breeding, 3) if the water quality in a pond is poor and waterfowl are using the waterbody for a sufficient period to cause the potential for harm (a combination of evaluating the water quality and the time spent using the on-site ponds), then Sabina will conduct adaptive management activities to exclude waterfowl from ponds. This information will appear in the FEIS.	10	20	6.3.3.2, <u>7.2.11</u>	<u>16, 75 to 76</u>

Table V1-1B. Table of Commitments

TEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
COM 317	EC	EC-Followup-5	~	-	~	-	For the FEIS, Sabina commits to updating the Key Government Contacts sections (Table 2-4 of the Risk Management and Emergency Response Plan and Table 5.10-4 of the Spill Contingency Plan) to remove "Wade Romanko, Env. Emerg. Officer". All Environment Canada spill information is now facilitated via the NWT/NU 24hour Spill Report Line.	10	3, 5	Table 3-4, Table 5.10-4	13, 13
DM 318	EC	~	-	EC-7	~	-	For all pertinent management plans in the FEIS, Sabina commits to the monitoring of spills in marine environments and reporting to the NT-NU Spill Line the presence of oily sheens on the water near vessels at the port site.	10	5	<u>Table 5.10-4</u> , <u>8.2.2</u>	<u>13</u> , <u>24</u>
DM 319	EC	-	~	EC-9	~	~	The buffers listed in Table 1 of the EC comment Section 6.1.9 will be used as guidance, taking into account site- specific and project-related restrictions for operability. Mitigation actions and their success will be reported in the WMMP report. This information will appear in the FEIS.	10	20	<u>6.2, 7.2.3</u>	<u>8 to 14, 60 to 62</u>
M 320	EC	~	4	EC-11	~	~	Sabina commits to consulting the document titled "Preventing Wildlife Attraction to Northern Industrial Sites" (Canadian Wildlife Service 2007) while preparing procedures for waste and wildlife attractant management. This information will appear in the FEIS.	10	20	6.3	<u>14 to 17</u>
M 321	EC	-	~	EC-12	~	~	The fish-out program for Llama Lake will follow the DFO protocols for such programs in Nunavut and the NWT. Suggested avoidance measures will be considered and can be included in the fish out plan in the FEIS.	10	7	<u>3.5.3</u>	20 to 23
								2	7	Appendix V2-7E, Appendix V2-7G	All, <u>All</u>
۸ 322	EC	~	EC-13	~	~	~	For the FEIS, Sabina commits that the potential impacts of climate change will be further considered in the Project design as a result of FS optimization. This will apply to the TIA design basis.	4	3 2	<u>Appendix V4-3B</u> 2.15	<u>All</u> 2-18 to 2-19
							Troject design as a result of 15 opening action. This will apply to the Till design basis.	10	22	3.2.8, 6.5	12 to 13, 15 to 16
M 323	EC	~	~	EC-14	~	2	In the FEIS, Sabina will add a commitment to the Site Water Monitoring and Management Plan that terrestrial discharge sites will be assessed for stability and thaw-susceptibility during detailed design and/or on-site during construction, as appropriate.	10	7	<u>3.4.1</u>	14 to 17
M 324	EC	~	~	EC-16	~	~	Sabina commits to providing details of landfill design including locations, waste quantifications, and management of contact water. Consideration will be given to the Guidelines for Developing a Waste Management Plan (MVLWB, 2011). This information will appear in the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
M 325	EC	-	~	EC-18b	~	~	The 2013 Bathurst Inlet Marine Diesel Fuel Spill Modelling Report presented in Appendix V9-3A will be updated to show sensitive marine mammal areas and fishing areas important to Inuit, and evaluate potential effects of a spill on these figures in addition to coastal birds.	9	3	Appendix V9-3A	<u>All</u>
M 326	EC	~	~	EC-18c	~	~	For the FEIS, Sabina will prepare a tactical response plan showing fuel spill dispersion modelling results relative to local sensitivities (i.e., marine birds, fishing areas, marine mammal areas), that also identifies the location of strategic booming, if any is recommended.	10	6	<u>3.3.6, 8</u>	7 to 9, 23 to 27
۸ 327	EC	~	~	EC-18d	~	~	The FEIS Hazardous Waste Management Plan will be updated to include applicable cyanide mitigation and	10	12	Appendix C	All
M 328	EC			EC-24			management measures, principles and standards. Sabina commits to including a reference on already established Marine VECs into the FEIS Site Water Management	10	7	2	
W 320	EC		~	EC-24			Plan.	10	,	<u>z</u>	<u>2 to 3</u>
M 329	EC	~	~	EC-27	~	~	Sabina commits to including detailed mitigation measures to minimize loss/spillage; and BMPs during use, storage, transport and handling of explosives in the FEIS Explosives Management Plan.	2 10	7 13	Appendix V2-7H (4.2.7) <u>6.6,</u> 6 <u>.8.1</u>	30 to 32 12 to 14, 16 to 17
M 330	EC	~	~	EC-28	~	~	Sabina commits to providing a detailed site wide water and load balance for the property. This will be used to develop detailed water management plans for the different phases of the project including construction, operation, closure and post-closure. This information will be presented in the FEIS.	2	7	Appendix V2-7H	All
M 331	EC	~	~	EC-32	~	~	Sabina commits to monitoring for erosion at the western outlet of Rascal Lake with additional details to be included in the FEIS Site Water Monitoring and Management Plan.	2	6, 7	<u>6.7,</u> Appendix V2-7I	<u>6-40</u> , All
M 332	EC	~	~	EC-35	~	~	Sabina commits to keeping information on harmonization of EEM in the FEIS AEMP and working with EC and other agencies to finalize the AEMP during the water licence process.	10	19	7.2.1, <u>7.2.4.2, 7.2.6,</u> 11.2	13, <u>22</u> , <u>25 to 35</u> , 37 to 38
M 333	EC	~	~	EC-36	~	~	Sabina commits to working with EC and other agencies to finalize sampling sites for the AEMP and Site Surveillance Monitoring as part of the water licence process.	10	19	7.2.2	13 to 14
M 334	EC	~	~	EC-37	~	~	In the FEIS AEMP, Sabina commits to providing the proposed locations of sampling and the number of samples within each waterbody. This will be developed as part of the water licence process.	10	19	<u>7.2.2</u>	<u>13 to 14</u>
۸ 335	EC	~	~	EC-39	~	~	As part of the AEMP for water licencing, Sabina commits to working with EC and other agencies to define	10	19	<u>7.2.6</u>	<u>25 to 35</u>
١ 336	EC	~	~	EC-40	~	~	"significant change" as used for the water quality and sediment quality indicators. Sabina commits to working with EC and other agencies to summarize and clearly present baseline data for the	10	19	7.2.3.1	20 to 22
M 337	GN	~	-	GN-2	-	~	AEMP as well as outline all sampling procedures for previous sample collection. 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. This will include temporary closure and care and maintenance phases of the Project. This commitment will be included in the FEIS and finalized in the Terms of Reference.	10	23	<u>5.1</u> , Appendix V10-23A	<u>4</u> , All
\ 338	GN	<u>.</u>	GN-5	~		~	For the FEIS, Sabina commits to further refining management plans, including the overall Environmental Management Plan to include all required monitoring programs, and detail how the overall approach to resource allocation, adaptive management, and integration of TK throughout the life of the Project will be implemented. The EMP will also identify the approach to Inuit engagement and monitoring.	10	1	4.2, 5, 13	5 to 6, 9 to 11, 15 to 20
M 339	GN	~	~	GN-19	~	~	Sabina commits to inserting a reference, in the FEIS, to Appendix B of the Cultural and Heritage Resources Protection Plan for the definition of Chance Find Procedure as well as include relevant educational material in a training program that would be provided to on-site workers.	10	27	7.1, Appendix B	<u>3</u> , <u>All</u>
۸ 340	GN	~	GN-21	~	ž	~	Sabina commits to providing additional clarity on proposed measures to mitigate impacts on grizzly bears as well as provide additional information related to Bear-Human Deterrent and Bear Safety within the FEIS.	10	20	6.2.3.4, 6.3, 6.4, <u>6.8</u>	12 to 13, 14 to 21, <u>24 to 28</u>
M 341	GN	~	~	GN-21	~	~	More information will be added to the monitoring section of the WWMP for the FEIS that includes detail on proposed methods, threshold values, and their rational for monitoring activities.	10	20	<u>7.2</u> , <u>7.3</u>	<u>51 to 112</u>
۸ 342	GN	~	~	GN-22	~	~	Per the detailed response to GN-22, Sabina commits to including more information in the management sections	10	20	<u>6</u>	7 to 47
• •							of the WMMP for the FEIS.			=	

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
COM 343	GN	~	-	GN-24	~	~	Sabina commits to provide more detail on the likely framework for contributions to government-led initiatives for monitoring caribou, and a backup plan should these government-led programs not come to fruition in time for the construction of the Project. This information will appear in the FEIS.	10	20	<u>7.1.5</u>	<u>50 to 51</u>
COM 344	GN	~	~	GN-24	~	~	The Wildlife Mitigation and Monitoring Plan for the FEIS will include more information on the proposed analysis of the remote camera data used for monitoring certain wildlife VECs.	10	20	7.3	<u>77 to 112</u>
COM 345	GN	~	-	GN-27	~	-	Sabina will include more information in the grizzly bear monitoring and management component of the WMMP. This information will appear in the FEIS.	10	20	<u>6.8</u> , 7.2.5, 7.2.6, 7.2.9, 7.2.12, 7.3.2	24 to 28, 63 to 66, 69 to 71, 76 to 77, 90 to 94
COM 346	GN	~	~	GN-28	~	~	Sabina will include more information in the grizzly bear monitoring and management component of the WMMP. This information will appear in the FEIS.	10	20	<u>6.8</u> , 7.2.5, 7.2.6, 7.2.9, 7.2.12, 7.3.2	24 to 28, 63 to 66, 69 to 71, 76 to 77, 90 to 94
COM 347	GN	~	~	GN-29	~	~	Sabina commits to adding more information to the extensive list of sections provided in our response to GN-29. This will produce a unified response plan, including information on coordinating with government agencies and HTOs. This information will appear in the FEIS.	10	20	<u>6.8</u>	<u>24 to 28</u>
COM 348	GN	~	~	GN-30	~	~	Sabina commits to expanding the description of the analysis used to evaluate the camera techniques listed in Section 7.3.3 of the WMMP (Volume 10, Chapter 20).	10	20	7.3	<u>77 to 112</u>
COM 349	GN	~	~	GN-31	~	~	Sabina will update and expand the management and monitoring sections of the WMMP that deal with attraction of predators (including wolverine) to camps and managing problem wildlife (including wolverine). This information will appear in the FEIS.	10	20	6.2.3.4, <u>6.3</u> , 6.4, <u>6.8</u>	12 to 13, <u>14 to 17</u> , 17 to 21, <u>24 to 28</u>
COM 350	GN	~	~	GN-32	~	~	Additional information on the proposed raptor monitoring protocols will be added to the wildlife mitigation and management plan (WMMP) for the FEIS following guidance on measuring and analyzing a zone of influence (ZOI) on nest success by the Canadian Wildlife Service. This information will appear in the FEIS.	10	20	<u>7.3.6</u>	106 to 108
COM 351	GNWT	GNWT-1	~	~	~	~	As requested by the GN DOE and a stated objective of the GNWT-ENR, Sabina commits to contributing to regional caribou monitoring efforts focused on herd-level effects. This effort will be conducted in collaboration with the GN.	10	20	<u>7.1.5</u>	<u>50 to 51</u>
COM 352	GNWT	-	-	GNWT-6	~	~	Sabina commits to adding a section to the WMMP which describes the framework by which these various mitigation and monitoring activities for caribou are integrated together. This plan will describe the various stages of work alteration based on the number and distance of caribou to the Project site.	10	20	<u>6.10</u>	<u>30 to 46</u>
COM 353	GNWT	~	~	GNWT-8	~	~	Sabina will conduct grizzly bear den surveys along the winter road. Details of these surveys will be provided in the updated WMMP Plan that will be included in the FEIS.	10	20	<u>7.2.12</u>	<u>76 to 77</u>
COM 354	KIA	~	-	KIA-IR-1	~	-	Sabina commits to including more information in the WMMP plan of the FEIS on the proposed monitoring for wildlife, with emphasis on a framework for working with government to monitor caribou in the area.	10	20	<u>7.1.5, 7.2, 7.3</u>	<u>50 to 51, 51 to 112</u>
COM 355	KIA	~	~	KIA-CR-2	~	~	Sabina commits to adding more detail to each section of the WMMP that deal with limiting the attractiveness of the camp to carnivores and managing problem wildlife on site. This FEIS update to the WMMP will include more detail on monitoring measures and triggers for mitigation actions.	10	20	6.2.3.4, <u>6.3</u> , 6.4, <u>6.8</u>	12 to 13, <u>14 to 17</u> , 17 to 21, <u>24 to 28</u>
COM 356	KIA	~	~	KIA-IR-2	~	~	Sabina commits to including more information in the WMMP plan of the FEIS on the proposed monitoring for wildlife, with emphasis on a framework for an alternate monitoring plan for caribou, should the government-led plan not be in place by the point where construction is conducted.	10	20	<u>7.1.5</u>	<u>50 to 51</u>
COM 357	KIA	~	~	KIA-IR-4	~	~	Sabina commits to including more information in the WMMP plan of the FEIS on the proposed monitoring for wildlife, with emphasis on focal species monitoring for other wildlife YECs which include a discussion surrounding power and experimental design.	10	20	<u>7.2, 7.3</u>	<u>51 to 112</u>
COM 358	KIA	~	-	KIA-IR-4	~	~	Sabina commits to including more information in the WMMP plan of the FEIS on the proposed monitoring for wildlife, with emphasis for on-site monitoring for grizzly bear interactions with camp and monitoring of the waste management processes and facilities as attractants.	10	20	6.8, 7.2.5, 7.2.6, 7.2.9, 7.2.12, 7.3.2	24 to 28, 63 to 66, 69 to 71, 76 to 77, 90 to 94
COM 359	KIA	~	~	KIA-CR-5	~	~	Sabina commits to adding additional references to monitoring programs from other, similar, operating projects in similar habitats to the discussion of effects in the FEIS, where additional information is available.	5	5,6,7,8,9,10	<u>X.5.2</u>	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
COM 360	KIA	~	~	KIA-CR-6	~	-	Sabina commits to providing a conceptual design for the closure of the project that can be used in the environmental assessment. The potential impacts of Closure effects will be identified and assessed within the FEIS.	10	29	<u>All</u>	All
COM 361	KIA	~	~	KIA-IR-30	~	~	In the FEIS, Sabina commits to updating Table 13.1 in the EMP to better reconcile management plan applicability to each project phase.	10	1	Table 13.2-1	<u>18 to 19</u>
COM 362	KIA	KIA-68	~	~	~	~	Monitoring of temperatures in stockpiles will be carried out as identified in the monitoring section of the Waste Rock and Tailings Management Plan (Volume 10, Chapter 9). Sabina commits to progress the design criteria during the feasibility study. It will be provided in the FEIS.	10	9	<u>8</u>	<u>12 to 13</u>
COM 363	KIA	KIA-93	~	~	~	~	Sabina commits to present more information on the design of the Umwelt underground plug as part of the FEIS Mine Reclamation and Closure Plan.	2	8	<u>8.5</u>	<u>8-5</u>
COM 364	KIA	KIA-113	~	~	~	~	Sabina commits to review Table 13.1 in Volume 10 Chapter 1 "Applications of Current EMP's to Phases of the Project" and make necessary changes. These changes will be reflected in the FEIS.	10	1	Table 13.2-1	<u>18 to 19</u>
							Sabina commits that the Site Water Monitoring and Management and the Mine Closure and Reclamation plans will	2	7	Appendix V2-7H (5.3, 6.2, 6.6,7.0, Appendix B, Appendix D), Appendix V2-7l (Figures 6 to 11)	34 to 35, 37 to 38, 39 to 40, All, All
COM 365	KIA	KIA-114	~	~	~	~	continue to be refined for the FEIS. This will include discharge locations for mine contact water and expected potential volumes.	10	7 29	3.6.1 1.7	26
COM 366	KIA	KIA-115	~	-	-	-	Sabina commits to updating the Explosives Management Plan to incorporate environment design criteria from the FS for the transport, storage and handling of explosives. These requirements will include secondary containment and procedures for spill prevention and response.	10	13	4, 6.2, 6.6, 6.8, 7, Table 8-1	7 to 9
COM 367	KIA	~	KIA-127	~	~	-	Sabina commits to providing an updated Fish Offsetting Plan in the FEIS with detail to be included in an application for a DFO authorization as follows: the number of structures being placed in aquatic habitats; structure locations and size of footprints; the type of habitat, including the importance of the habitat to fish; the magnitude of impact; and an evaluation of the ability for fish to pass at water crossings at all flow levels.	10	21	<u>All</u>	<u>All</u>
	NRCAN	NRCan-2					In the FEIS, Sabina commits to incorporating additional results, updated screening criteria, and updated geochemical interpretation into the Borrow Pits and Quarry Management Plan.	2 10	7	<u>Appendix V2-7D</u> 3.4, 6.1	<u>All</u>

Table V1-1B. Table of Commitments

TEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
OM 369	NRCAN	~		NRCAN-6	~	~	Sabina commits to addressing these considerations in the Mine Waste Rock and Tailings Management Plan. Requested information will be presented in the FEIS.	10	9 <u>29</u>	8 <u>6</u>	27 to 29
OM 370	NRCAN	NRCan-7	~	~	~	~	Underground mine inflows will be sampled during operations to verify water quality predictions and inform storage and treatment requirements, as described in the Site Water Monitoring and Management Plan. Sabina commits to provide further results in the FEIS.	2 10	7 7	Appendix V2-7A (6.2) <u>8.2</u>	20 to 22 <u>48</u>
DM 371	NRCAN	~	~	NRCAN-12	~	~	Sabina commits to justifying the duration of any post-closure monitoring that will be required based on the new Mine Closure Reclamation Plan that will be submitted as part of the FEIS.	2 10	7, 8 29	8.5 6.2	<u>8-5</u> 28 to 29
DM 372	NRCAN	NRCan-20	~	~	~	~	Sabina commits to address disposal of effluent treatment sludge in the FEIS Mine Closure and Reclamation Plan. The most likely disposal location would be within the TIA, prior to installation of the closure cover.	10	29	<u>5.11</u>	<u>25 to 26</u>
DM 373	NRCAN	~	~	NRCAN-20	~	~	Sabina commits to determining the groundwater flow pathways and including those in the site wide water and load balance. This water and load balance will be used to determine the appropriate water management plans for all the project phases including construction, operation, closure and post closure. This information will be presented in the FEIS.	2	7	<u>Appendix V2-7H (6.8, 9.3)</u>	<u>40, 57 to 58</u>
M 374	NRCAN	-	~	NRCAN-21	~	~	Sabina commits to determining the groundwater flow pathways and including those in the site wide water and load balance. This water and load balance will be used to determine the appropriate water management plans for all the project phases including construction, operation, closure and post closure. This information will be presented in the FEIS.	2	7	7.2.4.4, Appendix V2-7H	7-19 to 7-20, All
M 375	NRCAN	~	~	NRCAN-25	~	~	Sabina commits to providing a detailed site wide water and load balance for the property. This will be used to develop detailed water management plans for the different phases of the project including construction, operation, closure and post-closure. This information will be presented in the FEIS.	2	7	7.2.4.4, Appendix V2-7H (2.1.8, 3.2.7, 6.8, 9.3)	<u>7-19 to 7-20,</u> All
M 376	NRCAN	~	~	NRCAN-26	~	~	Sabina commits to providing a detailed site wide water and load balance for the Project which includes sensitivity analysis as appropriate. This will be used to develop detailed water management plans for the different phases of the project including construction, operation, closure and post-closure. This information will be presented in the FEIS.	2	7	7.2.4.4, Appendix V2-7H (2.1.8, 3.2.7, 6.8, 9.0, 9.3)	7-19 to 7-20, All
DM 377	NRCAN	~	~	NRCAN-28	~	~	Sabina commits to providing a detailed site wide water and load balance for the property. This will be used to develop detailed water management plans for the different phases of the project including construction, operation, closure and post-closure. This information will be presented in the FEIS.	2	7	Appendix V2-7H, Appendix V2-7I (Figures 6 to 11),	All, <u>All</u>
DM 378	NRCAN	~	~	NRCAN-31	~	~	Sabina commits to providing monitoring plans of TIA water quality and quantity in the Site Water Monitoring and Management Plan. Information will be presented in the FEIS.	2 10	7 22	Appendix V2-7G (Appendix E) 6.1, <u>7</u>	All 15, <u>16</u>
м 379	TC	TC-2	~	~	~	~	In the FEIS Shipping Management Plan, Sabina will confirm whether all equipment, supplies, fuel etc. will be transported to site directly from domestic locations in Canada. Shipment manifests and routing may be provided for each shipment.	10	15	<u>4</u>	<u>7 to 9</u>
M 380	TC	~	TC-5	~	~	~	For the FEIS, Sabina commits to providing the missing appendices from the Volume 10 Oil Pollution Emergency Plan.	10	6	Annex 1, Annex 2, Annex 3, Annex 4, Annex 5, Annex 6, Annex 7, Annex 8, Annex 9	<u>All</u>
M 381	TC	~	TC-9	~	~	~	For the FEIS, Sabina commits to renaming "Aviation Audits" (Volume 10, Chapter 3, Section 5.4) to "Surveillance Procedures" as Transport Canada does not conduct aviation audits.	10	3	<u>5.4</u>	<u>37</u>
M 382	TC	~	TC-11	~	~	~	For the FEIS, Sabina commits to amend Volume 10, Fuel Management Plan Table 4-1, to include the Transportation of Dangerous Goods Regulations.	10	4	Table 4-1	3
M 383	TC	~	TC-12	~	~	~	For the FEIS, Sabina commits to amend Volume 10, Fuel Management Plan Table 7.3-1, to include the Transportation of Dangerous Goods Regulations.	10	4	<u>Table 7.3-1</u>	<u>13</u>
M 384	TC	~	TC-13	~	~	~	For the FEIS, Sabina commits to amend the Shipping Management Plan, 4.2.3 Explosives and Hazardous Materials, to add the Transportation of Dangerous Goods Act, 1992.	10	15	4.3.3	9
M 385	TC	TC-14	~	~	~	~	For the FEIS, Sabina will commit to amending the Explosives Management Plan (Training and Certification Requirements) to include the Transportation of Dangerous Goods Regulations.	10	13	<u>6.4</u>	<u>11 to 12</u>
M 386	TC	TC-15	~	~	~	~	For the FEIS, Sabina commits to detailing steps in the application process for an "Emergency Response Assistance Plan" approval. The Explosives Management Plan will detail how the transportation of explosives will be conducted at all project storage sites.	10	13	<u>6.6, 6.7</u>	<u>12 to 16</u>
DM 387	TC	TC-16	~	~	~	~	For the FEIS, Sabina commits to amending the Spill Contingency Plan (Section 6.1.8) to include (the Transportation of Dangerous Goods Regulations Part 8) 30 day spill reporting requirement.	10	5	2	<u>4 to 6</u>
M 388	TC	TC-17	~	~	~		For the FEIS, Sabina will commit to indicating whether an Emergency Response Assistance Plan approval is required for the transportation of any of the reagents required by the project.	10	5	8.3.4	26 to 27
M 389	YKDEN	YKDFN- 1-2	~	~	~	~	Sabina commits to consult with Environment Canada on how monitoring criteria will be further defined in subsequent revisions of the Incineration Management Plan. This will be provided in the FEIS and the ensuing application for a Type A Water License with the NWB.	10	11	<u>8.1</u>	<u>8</u>
M 390	AANDC	AANDC-46	-	~	~	~	For the FEIS, Sabina will remove the reference to Appendix G (from Vol 11, Appendix 4C, Section 5.9).	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
M 391	EC	EC-12	~	-	~	~	For the FEIS and draft water licence application, Sabina commits to providing design information for water management structures. Design criteria will be presented along with an account of how climate change predictions have been considered in the selection of design criteria. Contingency measures will be identified as an intergral part of design.	2 9	6, 7, 8 2	6.4.12, 6.6.3, 7.10, 8.13 2.15, <u>2.16</u>	6-13, 6-24, 7-42 to 7-48, 8-7 to 8-8 <u>2-18 to 2-19</u>
N 392	KIA	~	KIA-61	~	~	~	In the FEIS, Sabina commits to including additional information on identified quarry sites, with drawings to support regulatory applications presented in Volumes 11 and 12. Estimates on the vertical alignments, the fill requirements for access roads, site roads, and airstrips will be provided along with drawings to support regulatory applications.	2 10	6, 7 16	6.6.4, <u>Appendix V2-7C</u> , <u>Appendix V2-7I</u> 3.2, 6.4	6-24 to 6-25 <u>, All, All</u> <u>3</u> , 11 to 12
I/PHC 1	AANDC	~	~	-	AANDC TRC 1	1 ~	Sabina commits to show within the FEIS how alternatives were analyzed and to explain when options are dropped off, identify rationale for the selection, and clarify which alternative options remain a possibility. This should include how environmental and socio-economic factors have been applied to the selection of alternatives.	2	4	4.1, 4.4, Appendix V2-4A, Appendix V2-4C	<u>4-1 to 4-3, 4-29,</u> All, All
M/PHC 2	NRCAN	~	~	~	NRCan 7	~	Sabina commits to provide any additional site specific investigations (e.g. geotechnical, geophysical) of the foundational materials for proposed alignments for dykes and embankments, that are undertaken in the next six months, in the FEIS.	2	7	7.1.5.1, Appendix V2-7C	<u>7-10 to 7-13</u> , All
	KIA				KIA IR 9, 10,	,	Sabina commits to providing information on ground ice based on results of geotechnical site investigations	2	7	Appendix V2-7C	All

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR		VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
TM/PHC 4	AANDC	~	~	~	IR 15	~	Sabina commits to presenting the seepage data for the airstrip as soon as practical and to assessing the reuslts in the context of an adaptive management framework within the waste rock management plan to be submitted as a part of the FEIS.	2 10	7 9	7.2.6, <u>Appendix V2-7D (Appendix O)</u> 3.3	<u>7-24 to 7-26, All</u> 6 to 8
TM/PHC 5	KIA	-	-	~	n/a	-	Sabina commits to demonstrating consideration of realignment of the winter road north of Tahikafflok Lake (Bathurst Lake) to the marine laydown area in order to address potential impacts to identified riparian zones. This reconsideration may include a site visit conducted in coordination with the KIA discussion of which shall be included within the FEIS.	2	1	Figure 1.6-4	<u>1-15</u>
TM/PHC 6	NWB	~	~	~	n/a	~	Sabina commits to providing a discussion of potential tailings slurry density, taking into account other projects in the north, specifically Meadowbank. This information wil be included wtihin the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
TM/PHC 7	NRCAN	-	-	~	NRCan 36/37	~	Sabina commits to further consult and engage with NRCan regarding its response to technical review comments 36 and 37 prior to submission of the FEIS.	2	7	<u>7.2.6</u>	7-24 to 7-26
TM/PHC 8	GN	~	~	~	IR 12	~	Sabina commits to removing reference to a hard-surface airstrip in the FEIS.	2	6, 8	<u>6.3.1.1, 8.10</u>	<u>6-2</u> , <u>8-6</u>
TM/PHC 9	GN	~	~	~	CR 20	~	For the FEIS, Sabina commits to detailing whether bulk fuel storage will include overwintering of fuel vessels in sea ice.	2	4	4.3.9	4-27 to 4-28
TM/PHC 10	NWB	~	~	~	n/a	~	Sabina commits to demonstrating in the FEIS that it has considered the experience gained at Meadowbank with respect to dust suppression as well as its related effects assessment, and water consumption rates.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
TM/PHC 11	KIA	~	~	~	CR 14	~	Sabina commits to come up with a methodology for modelling climate change and to discuss it with the KIA and other interested parties prior to the submission of the FEIS.	4	3	3.4.1.2, <u>Appendix V4-3C</u>	
TM/PHC 12	KIA	~	2	~	KIA CR 14	~	Can Sabina commit to considering 100 years post closure timeframe in their climate change modeling as standard to design tailings storage facility, Sabina deferred	2	7 3	Appendix V2-7E (4, Attachment A) Appendix V4-3B	<u>3, All</u> All
TM/PHC 13	KIA	-	-	-	KIA IR 18	-	Sabina commits to providing more detail on the operation of the incinerator and management of emissions in the FEIS. Details will include: the make and model of the incinerator including a letter from the manufacturer stating that it is designed to incinerate sewage sludge, adheres to EC's guidance document on batch incineration, and is a dual-chamber incinerator. Details will be provided for adpative management if elevated metals, dioxans, furans, and/or ammonia are detected through the dustfall monitoring program.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
TM/PHC 14	GN	~	-	~	IR 18	~	At this time the Goose Property Airstrip will not be designed to accommodate aircrafts as large as a Boeing 767. If larger aircraft are selected as a viable option, Sabina commits to updating the air quality and noise models and conduct an effects assessment to address the potential effects of this larger class of aircraft. This would be included in the FEIS.	2 4	6 2	6.3.1 2.1, <u>Appendix V4-2B (3.4, 3.5, 3.6.2, 4.2)</u> , Appendix V4-2C	6-2 to 6-3 2-1 to 2-6, <u>3-9 to 3-11, 3-12, 4-4 to 4-9,</u> All
TM/PHC 15	GN	-	-	~	TRC 35	~	Dustfall sampling locations will be chosen to ensure that all large sources of emissions are monitored. Sabina will consult with the GN on the number and location of sampling sites prior to finalizing the Air Quality Monitoring Plan for the FEIS.	10	17	<u>7.2.1</u>	<u>11</u>
TM/PHC 16	NWB	~	~	~		~	Sabina commits to include the conceptual design of all water management structures within the water licence application filed as part of the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
TM/PHC 17	KIA	~	~	~	IR 22, 23, 25, 26	~	Sabina commits to develop site specific water quality objectives where relevant for parameters that naturally exceed CCME protection of aquatic life levels. This pertains to each of the project locations including Goose, George and the Marine Laydown Area.	6	4	4.5.4	4-45 to 4-56
TM/PHC 18	AANDC	~	~	~	AANDC 13	~	Sabina commits to reviewing table 4.8-1 for the FEIS to ensure clarity with the text that water will not be discharged to the aquatic receiving environment prior to meeting site water quality objectives.	6	4	4.8	4-59 to 4-62
TM/PHC 19	AANDC	~	~	~	AANDC 15	~	Sabina commits to providing more details in the FEIS on the waste water management strategy including sewage effluent. This will include discharge locations and the characteristics of those locations as well as impacts on the receiving environment, attenuation capacity, end of pipe locations, seasonal considerations, alternatives, and design or engineering contingencies.	2	7	<u>Appendix V2-7H (4.2.5, 5.4.2)</u> , Appendix V2-7J	<u>29 to 30, 36,</u> All
TM/PHC 20	AANDC	-	-	-	AANDC-22	-	Sabina commits to reviewing the need for contingency measures in relation to all potentially contaminated discharge (of particular concern and interest to AANDC are potential discharges from the waste rock storage areas, tailings impoundment area, and the pit lakes at closure). Where it is deemed that contingency measures would significantly reduce the risk to the environment, those measures will be presented in the FEIS. Where contingency measures are not provided, a rationale will be provided as to why they are not necessary.	2 10	7 29	Appendix V2-7H (5.4) 6.1, 6.3	35 to 36 27 to 28, 29
TM/PHC 21	EC	~	~	~	EC-26	~	Sabina commits to including sensitivity analysis for approach of zero-discharge volumes within the detailed site wide water and load balance presented in the FEIS to address higher than predicted water volumes.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
TM/PHC 22	EC	~	~	~	EC-28	~	Sabina will provide detailed effluent quality predictions, an assessment of the receiving environment concentrations, and identification of water quality objectives within the FEIS.	2	7	Appendix V2-7H (5.3, <u>5.4.2</u>)	34, to 35, <u>36</u>
TM/PHC 23	DFO	~	~	~	3.1.1	~	As part of the Site Preparation Application and in the FEIS, Sabina commits to provide DFO and other parties with supplemental information on how the Rascal stream realignment may affect the following: existing channel stability and erosion potential; the potential for re-suspension of sediments in ponds; and areas with undefined channels.	2	6, 7	6.7, Appendix V2-7I	<u>6-40 to 6-42</u> , All
TM/PHC 24	DFO	~	-	~	3.1.1 (DFO 2)	~	As part of the Site Preparation Application and in the FEIS, Sabina commits to provide DFO and other parties with supplemental information on whether Arctic grayling spawning and rearing habitat is limiting within the watershed for the population using the stream.	2	6, 7	<u>6.7</u> , Appendix V2-7I	<u>6-40 to 6-42</u> , All
TM/PHC 25	DFO	~	~	~		~	As part of the Site Preparation Application and in the FEIS, Sabina commits to provide DFO and other parties with supplemental information on how the Rascal stream realignment may result in Arctic grayling spawning and egg stranding in the deactivated reaches of Rascal Stream East.	2	6, 7	<u>6.7</u> , Appendix V2-7I	<u>6-40 to 6-42</u> , All
TM/PHC 26	KIA	~	~	~	IR-29	-	Sabina commits to provide a discussion of the expected seepage volume from the tailings storage facility in the perimeter ditches and a threshold for a maximum acceptable flow to be included in the FEIS. Sabina also commits to provide further discussion of mitigation within the FEIS and specific adaptive management protocols that would be triggered should the proposed thresholds be breached.	2 10	7 22	Appendix V2-7G (5.13, 5.14, Appendix E) 6.1, <u>7</u>	26, All 15, <u>16</u>
TM/PHC 27	KIA	~	~	~	IR-30	-	Sabina commits to ensuring that all mine phases are addressed within plans listed in the FEIS (as presented in the DEIS table 13.1), including: the Mine Waste Rock and Tailings Management Plan (addition of construction and closure phases), the Site Water Monitoring and Management Plan (addition of temporary and final closure phases), and the Fish Offsetting Plan (addition of final closure phases).	10	1	<u>Table 13.2-1</u>	<u>18 to 19</u>

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT	COMMITMENT	VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
TM/PHC 28	KIA	~	~	~	n/a	~	Sabina commits to working with the KIA, EC, and DFO on the components of the final AEMP prior to submission of the FEIS.	10	19	All	<u>All</u>
TM/PHC 29	KIA	~	-	~	IR-16	~	Sabina commits to providing the appropriate justification for design criteria adopted for any water management structures at Lytle and Occurrence Lakes and to demonstrate a consideration for whether or not contingency plans are warranted within the FEIS.	N/A	N/A	As approved by the NIRB on September 28, 2015, this Commitment is not longer required do to Project enhancements.	N/A
TM/PHC 30	AANDC	~	~	~	AANDC-23	~	Sabina commits to providing within the FEIS, an estimate of water quantity and quality produced throughout the project, parameters to form the basis for design of water management structures, monitoring that will be required at each of the sites and how this monitoring will be effective, and associated treatment options.	2	7	Appendix V2-7H	<u>All</u>
TM/PHC 31	AANDC	~	~	~	AANDC-26	~	Sabina commits to providing in the FEIS an updated preliminary closure plan which includes definitions of temporary closure and care and maintenance including outlining what activities and monitoring may continue at the project subject to the phase within which care and maintenance is implemented.	10	29	<u>3</u>	<u>14 to 17</u>
TM/PHC 32	EC	~	~	~	EC-24, EC-36	~	Sabina commits to include the marine laydown area within water management plans as presented in the FEIS.	2 10	7 7	Appendix V2-7I 3.3.3	All 13 to 14
TM/PHC 33	EC	~	~	~	EC-27	~	Sabina commits to incorporate contributions from blasting reagent residues in the water balance and load estimates submitted within the FEIS.	2	7	<u>Appendix V2-7H (4.2.7)</u>	30 to 31
TM/PHC 34	EC	~	~	~	EC-31	~	Sabina commits to identify appropriate surrogates for total suspended sediment (TSS) assessment and to continue to calibrate this with build data.	10	19	<u>7.2.6.1</u>	<u>25 to 27</u>
TM/PHC 35	TC	~	-	~		~	Sabina commits to providing sufficient detail in the FEIS that would clarify any alternative to relocate or adjust the spatial location of a tailings impoundment area with repect to any involved or surrounding waterbodies as such relate to navigability.	2 10	4 22	4.2.5.3 6.4	<u>4-13</u> 15
TM/PHC 36	KIA	~	~	~		~	Sabina commits to giving consideration to high salinity within its groundwater model and subsequent data presented within the FEIS.	2	7	Appendix V2-7A, Appendix V2-7H	<u>All</u> , All
TM/PHC 37	КІА	-	-	~	KIA CR-10	-	Sabina commits to further sampling and analysis during operations where required to support waste rock management activities. It is anticiapted that there will be two components to this work, including collection and analysis to classify waste rock during the mining process, and sampling and analysis to verify the effectiveness of the management plans. Details on these plans will be provided in the waste rock management plan submitted as part of the FEIS.	10	9	<u>7.1</u>	11 to 12
TM/PHC 38	GN	~	~	~	GN-1	-	The Proponent commits to include project-specific data concerning employee community of residence and number of employees that relocated from the year prior (to and from, for Cambridge Bay, Kugluktuk, Taloyoak, Gjoa Haven, and Kugaaruk) in their Socio-Economic Monitoring Program within the FEIS 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.	10	23	5.3, <u>Table 5.3-1</u>	5 to 9, <u>6 to 9</u>
TM/PHC 39	GN	~	~	~	GN-3	~	Sabina commits to provide a summary of initiatives it supports through its Donations Policy pertaining to "youth and education" and "community wellness and traditional lifestyle" in the FEIS and to provide details of a potential summer student program directed at post-secondary.	3	1	1.5.3.4	<u>1-35</u>
TM/PHC 40	GN	~	~	~	GN-4	~	Sabina commits to provide full National Occupational Coding in its workforce schedule, and to identify and register with the appropriate GN department, all trades persons and apprentices working within the Project operations. Sabina will consult with the GN's Department of Family Services Career Development Division to identify current apprentice students for training and employment.	10	28	<u>7.3.2.1</u>	<u>16</u>
TM/PHC 41	GN	~	~	~	GN-17, GN-18	-	Sabina commits to work with the GN's Territorial Archaeologist to provide the maps and site status reports in a manner and timeline that is agreeable to both parties and to be determined at a later date. Timing will be included within the FEIS.	10	27	<u>11</u>	12
TM/PHC 42	AANDC	~	~	~	AANDC-35	~	Sabina commits to working with the GN, AANDC and other interested parties to develop a draft Terms of Reference for a Back River Socio-Economic Monitoring working group; a summary of the draft Terms of Reference will be provided in the FEIS.	10	23	<u>1</u> , Appendix V10-23A	<u>1</u> , All
TM/PHC 43	KIA	~	~	~	KIA IR-1, 2, 4	~	Sabina commits to providing within the FEIS, more detail specifying site-specific monitoring plans, specific thresholds and triggers and adaptive management responses with regard to wildlife.	10	20	<u>7.2, 7.3</u>	51 to 112
TM/PHC 44	KIA	~	~	~	KIA IR-1, 2, 4	. ~	Sabina commits to providing additional clarity on project specific monitoring associated with wildlife VECs in question within the FEIS (noting that these would not be at the population level, and would be focused on project effects).	10	20	<u>7.2, 7.3</u>	<u>51 to 112</u>
TM/PHC 45	KIA	~	-	~	KIA CR-1, 2, 3,	, -	Sabina commits to provide within the wildlife and cumulative effects assessments, a better explanation or justification for the magnitude rating cut off points including the divisions between nil, low, and moderate. If there is not sufficient data to justify these divisions as suggested above, Sabina commits to remove the restriction from the methodology chapter that the EIA practitioner must conclude that an effect is not significant if they select low.	5	5,6,7,8,9,10	<u>5.5.1.3, 6.5.1.2, 7.5.1.3, 8.5.1.2, 9.5.1.3, 10.5.1.3</u>	5-133 to 5-134, 6-40, 7-22, 8-36 to 8-37, 9-35, 10-24 to 10-25
TM/PHC 46	KIA	~	-	~	KIA CR-1, 2, 3,	, _	Within the wildlife and cumulative effects assessments, Sabina commits to include species specific duration categories with justification for each, or if not sufficient data to justify species specific duration categories, as suggested above, Sabina removes restriction that the EIA practitioner must conclude that an effect is not significant if they select short term as their duration value.	5	5,6,7,8,9,10	5.5.1.3, 6.5.1.2, 7.5.1.3, 8.5.1.2, 9.5.1.3, 10.5.1.3	5-133 to 5-134, 6-40, 7-22, 8-36 to 8-37, 9-35, 10-24 to 10-25
TM/PHC 47	EC	~	~	~	EC-10; 6.1.10	۰ ~	Sabina commits to reduce disturbance to known colonies of nesting, feeding, or moulting birds by imposing flight restrictions to maintain a distance of 3000 metres from colonies of birds.	10	20	6.5	<u>21 to 22</u>
TM/PHC 48	EC	~	~	~	EC-9; 6.1.9	~	Sabina commits to demonstrating consideration for inclusion of EC's recommended setback distances within the FEIS.	10	20	6.2, <u>Table 6.2-2</u> , 7.2.3	8 to 14, <u>12</u> , 60 to 62
TM/PHC 49	GN	~	-	~	IR 14	~	Sabina commits to updating Table 5.6-2 (Cumulative Habitat Loss in the Bathurst Caribou CEA Boundary) in the FEIS. For closed or past developments it was assumed that dust no longer contributes as habitat alteration and wildlife are anticipated to reinhabit these areas, thus blank cells should read NA.	5	5	5.6.2, <u>Table 5.6-1</u>	5-203 to 5-238, <u>5-205 to 5-207</u>
TM/PHC 50	GN	~	~	~	CR 15	~	For the FEIS, Sabina commits that updates will be provided to include the most recent 2012 data in Volume 5, Table 5.1-2 (Bathurst Caribou Herd Population Numbers and Breeding Females from 1986 to 2009).	5	5	<u>Table 5.1-2,</u> 5.1.2, 5.5.2, 5.5.4, 5.6	<u>5-16,</u> 5-3 to 5-82, 5-134 to 5-187, 5-191 to 5- 195, 5-197 to 5-242
	GN				IR 19		Sabina commits to include the Nunavut Wildlife Act in the List of Permits, Licenses, and Authorizations Required		2	Appendix V1-2	,

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR	T COMMITMENT	VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
TM/PHC 52	GN	-	-	~	GN-20	~	Sabina commits to including text in the FEIS referencing Project-related effects in the context of Nunavut wildlife management populations.	5	6,7,8	<u>X.5.2.1,</u> X.5.2.2, X.5.4	6-43 to 6-47, 647 to 6-55, 6-64 to 6-67, <u>7-25 to 7-30,</u> 7-30 to 7-40, 7-46 to 7-48, <u>8-40 to 8-43,</u> 8-43 to 8-58, 8-65 to 8-68
TM/PHC 53	GN	~	~	~	TRC 20	~	Sabina has assessed areas where wildlife may be disturbed by noise as indirect habitat loss. Sabina commits to providing additional information (which may include literature) within the FEIS to describe potential effects to wildlife that may continue to use this area, including energy expenditure, stress and population health.	5	5,6,7,8	<u>X.5.2.8</u>	5-170 to 5-187, 6-59 to 6-61, 7-42 to 7-43, 8-61 to 8-62
ΓM/PHC 54	GN	~	~	~	TRC 21	~	Sabina commits to include in the WMMP as part of the FEIS, a plan to collaborate with the GN and other co- management partners in future population level monitoring of grizzly bear, wolverine, musox, and caribou, if and when such monitoring is undertaken.	10	20	7.1.5	<u>50 to 51</u>
ГМ/РНС 55	GN	~	~	~	TRC 21	-	Sabina commits to demonstrate in the FEIS how the remote camera study (if this is the program used) design will meet species-specific monitoring objectives taking into account the differences in sampling requirements amongst program objectives as well as differences in the expected densities and distribution amongst the species being monitored. Clarify how remote cameras will be effective at detecting change in low density species.	10	20	<u>7.3</u>	<u>77 to 112</u>
ΓM/PHC 56	GN	ú	~	ú	TRC 21	-	Sabina has made the commitment to participate in regional monitoring plans, lead by government, for several wildlife VECs, including caribou, muskox, grizzly bear and wolverine if and when they exist. At that time, these regional, government-led programs will replace the proposed regional monitoring plans in the DEIS WMMP. An update on this commitment is to be provided within the FEIS.	10	20	7.1.5	50 to 51
TM/PHC 57	GN	~	~	~	TRC 21	~	Sabina commits to verifying model results that determined areas of indirect habitat loss for wildlife using actual field noise monitoring results and to present this information within the FEIS.	10	20	7.2.10	<u>71 to 75</u>
TM/PHC 58	GN	~	~	~	TRC 21	~	Sabina commits to include in the WMMP as presented in the FEIS, additional details on the design of focal species monitoring programs including the metrics being measured, sampling design and intensity, threshold values for acceptable impacts and expected sample size and ability to detect when thresholds have been exceeded.	10	20	7.2, <u>7.3</u>	51 to 77, <u>77 to 112</u>
TM/PHC 59	GN	-	-	-	TRC 22	-	Sabina commits to include within the FEIS, additional details for mitigation measures and the associated implementation protocols, specifically: (a) Human-wildlife conflict management, including the establishment of i) Project-related wildlife mortality thresholds above which mitigation measures would be revised and adapted ii) communication protocols with regulatory agencies and co-management organizations on the use of deterrents, translocations or destruction of wildlife especially bears and furbearers. (b) Nest management plans (c) Den site management plans.	10	20	6.2, <u>6.8</u>	8 to 14, <u>24 to 28</u>
TM/PHC 60	GN	~	~	~	TRC 22	~	Sabina commits to update within the FEIS, mitigation measures and associated implementation protocols to include detailed staged reduction in Project activities in response to approaching wildlife, including the different stages of work reduction and how they would be triggered.	10	20	6.10	30 to 46
TM/PHC 61	GN	~	~	~	TRC 22	~	Sabina commits to, within the FEIS, clarifying inconsistencies regarding proposed mitigation measures relating to staged reduction in Project activities in response to approaching wildlife, including considerations of wildlife group size and composition, season, sensitive periods, and distance to Project.	10	20	6.10	<u>30 to 46</u>
TM/PHC 62	GN	~	~	~	TRC 22	~	Sabina commits to the development of a mitigation response decision tree for approaching caribou. This would consider multiple variables such as species, group size and composition, season, sensitive periods, and distance to Project in determining the appropriate mitigation response. This will be included within the FEIS.	10	20	<u>6.10</u>	<u>30 to 46</u>
TM/PHC 63	GN	-	-	-	TRC 22	~	Sabina commits to enhance monitoring mechanisms for detecting wildlife approaching the Project as triggers for mitigation actions such as blasting management, traffic management and staged work reductions. These should take into consideration the required time for implementation of mitigation measures following detection of approaching wildlife. This detection capacity can be enhanced by giving consideration to measures such as the use of dedicated wildlife monitors stationed at key points around the site and at distances up to 4km from the site during sensitive caribou periods, use of spotting scopes for distant scanning, height of land surveys and potentially the use of elevated observation platforms around the project site.	10	20	<u>6.10</u>	30 to 46
TM/PHC 64	GN	~	~	~	TRC 28	~	Sabina commits to including potential effects on hunting allocations due to potential Project related direct mortalities of grizzly bears within the FEIS.	5	6	<u>6.5.5</u>	<u>6-67 to 6-69</u>
TM/PHC 65	GN	~	~	~	TRC 27	~	Sabina commits to update the FEIS to include the final results of the grizzly DNA study conducted in 2012 and 2013 including additional details on methodology and analytical approach as requested by the GN	5	6	<u>6.1.5</u>	<u>6-9 to 6-22</u>
TM/PHC 66	GN	~	~	~	TRC 27	~	Sabina commits to develop adaptive management measures to mitigate potential impacts to grizzly bears from defense kills should set thresholds be exceeded and to include this information within the FEIS. Adaptive management measures include undertaking DNA mark-recapture studies for grizzly bears similar to those conducted in baseline studies to assess the significance of potential impacts.	10	20	6.8, 7.3.2.3	<u>24 to 28, 92</u>
TM/PHC 67	GN	~	~	~	TRC 24	~	Sabina will include more detail on the definition of "population and subpopulation health" and "acceptable risk thresholds" in definition of Significance Ratings in the FEIS.	5	5	<u>5.5.1.1,</u> 5.5.1.3	<u>5-131 to 5-132,</u> 5-133 to 5-134
TM/PHC 68	GN	~	~	~	TRC 24	~	Sabina commits to develop adaptive management measures to mitigate impacts to caribou should any of the 4 herds were to dramatically shift ranges into the Project area or migration routes during the life of the Project and to include this within the FEIS.	10	20	6.10	<u>30 to 46</u>
ГМ/РНС 69	GN	~	-	~	TRC 29	-	Sabina commits to develop a stand-alone Bear Safety and Response Plan that pulls together relevant information provided in the DEIS and to include thresholds for acceptable impacts associated with human-bear conflicts (e.g. number of problem bear encounters per year, number of translocations required, number of direct mortalities resulting) and proposed actions to be taken if these thresholds are exceeded. This plan should also include information on coordinating with government agencies and co-management partners and will be included within the FEIS.	10	20	<u>6.8</u>	<u>24 to 28</u>
TM/PHC 70	GN	~	~	~	TRC 30	~	Sabina commits to revise the FEIS to validate the Habitat Suitability Index (HSI) that was used in the impact assessment for muskox.	5	7	<u>7.1.5.2</u>	7-7 to 7-14
TM/PHC 71	GN	~	~	~	TRC 31	~	Sabina will update and expand the management and monitoring sections of the WMMP that deal with attraction of predators (including wolverine) to camps and managing problem wildlife (including wolverine). This information will appear in the FEIS.	10	20	6.2.3.4, <u>6.3</u> , 6.4, <u>6.8</u>	12 to 13, <u>14 to 17</u> , 17 to 21, <u>24 to 28</u>

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPOR	T COMMITMENT	VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
TM/PHC 72	GN	~	~	~	TRC 31	~	A discussion surrounding wolf, wolverine, and grizzly bear predation of ungulates will be added to the ungulate sections of the FEIS.	5	5,7	<u>X.5.2.4</u>	5-166 to 5-168, 7-41
TM/PHC 73	GN	~	~	~	TRC 32	~	Additional information on the proposed raptor monitoring protocols will be added to the wildlife mitigation and management plan (WMMP) for the FEIS following guidance on measuring and analyzing a zone of influence (ZOI) on nest success by the Canadian Wildlife Service. This information will appear in the FEIS.	10	20	<u>7.3.6</u>	106 to 108
TM/PHC 74	GN	~	~	~	TRC 32	~	Sabina commits to update the WMMP to include an example of a nest specific management plan for a nest located with the PDA to illustrate the range of mitigation and monitoring actions that would be undertaken.	10	20	<u>6.2</u> , 7.1.4, <u>7.2.3</u>	8 to 14, 49 to 50, <u>60 to 62</u>
TM/PHC 75	GN	~	~	~	TRC 32	~	Sabina commits to include in the WMMP for the FEIS, a protocol for working with the GN and other comanagement partners to mitigate impacts on nests located within the PDA, including the requirement for seeking regulatory approval prior to any action that could potentially damage/destroy or disturb these nests.	10	20	<u>6.2,</u> 7.1.4, <u>7.2.3</u>	8 to 14, 49 to 50, <u>60 to 62</u>
TM/PHC 76	GN	~	~	~	TRC 32	~	Sabina commits to provide additional detail to the raptor chapter of the FEIS (Volume 5, Chapter 10) to provide relevant citations to support mitigation activities.	5	10	10.5	<u>10-22 to 10-51</u>
TM/PHC 77	GN	~	~	~	TRC 36	~	Sabina acknowledges the requirements of the Scientists Act and commits to ensuring that legislated reporting requirement under the Scientists Act are reflected in the FEIS.	10	20 26	<u>4</u> <u>7.5</u>	<u>6</u> <u>10</u>
TM/PHC 78	GN	~	~	~	TRC 37	~	Sabina commits to update the table on Permits and Approvals for Mine Development in the FEIS to include all relevant authorizations required for the life of the Project.	1	5	Appendix V1-5	<u>All</u>
TM/PHC 79	EC	~	~	~	EC 2 / 6.1.2	~	Sabina commits to recommending that shippers adhere to the 30 km setback from Prince Leopold Island as proposed by EC and assuming ship safety. This information will be included within the FEIS.	7 10	6 15	Appendix V7-6A (4) 1.2	4-5, 4-6, 4-8
TM/PHC 80	EC	-	~	~	EC 5 / 6.1.5	-	Sabina commits to identifying and considering known colonies of migratory bids along the shipping route and to ensure that information is considered for project shipping. This information will be included within the FEIS.	7	6	Appendix V7-6A (4)	4-1, 4-2, 4-3, 4-4, 4-5, 4-6, 4-7, 4-8
TM/PHC 81	EC	~	~	~	EC 25	~	Sabina commits to characterization of the brine effluent and review of alternative discharge strategies and to a further review in the FEIS of monitoring requirements of discharged brine for compliance with subsection 36(3) of the Fisheries Act prior to release to the marine environment.	7 10	2 19	2.5.3.6 7.2.2.2, Figure 7.2-2, Table 7.2-4, Table 7.2-5	3 <u>5</u> 13 to 14, 21, 23, 24 to 25
TM/PHC 82	KIA	-	~	~	n/a	~	Sabina commits to update within its FEIS, a discussion on community level capacity in spill planning and response.	10	5 6	<u>5.11</u> <u>7.2.1</u>	
ГМ/РНС 83	NIRB	-	~	~	n/a	~	Sabina commits to including additional information within the FEIS as related to the potential for cumulative impacts from shipping activities associated with other proposed and approved development projects within the Kitikmeot Region, including Doris North, Phase 2 Hope Bay Belt, Hackett River, and Izok Corridor.	7	6	Appendix V7-6A (3)	Page 3-1, 3-2, 3-3, 3-4 Appendix 1 (page 1 of 1)
TM/PHC 84	GN	~	~	~	GN-25	~	Sabina will review the references related to occurrence of polar bears in the marine environment in particular known summer time concentrations along the shipping route and update the information within FEIS as needed.	7	6	Appendix V7-6A (5)	5-1, 5-2, 5-3, 5-4
TM/PHC 85	GN	-	~	~	GN-26	~	Sabina commits to working within the existing regulatory framework defined by Transport Canada. An approved SOPEP will be in place by the shipping provider prior to the commencement of any shipment.	10	15	<u>2.1</u>	<u>6</u>
TM/PHC 86	GN	-	-	-	GN-26	-	Sabina will work with the GN and other agencies to acquire appropriate data related to polar bears distribution and density to assess worst case and best case scenarios should a fuel release or spill event occur in the marine environment along the shipping route. Using the available data where applicable, Sabina will for the FEIS: 1) highlight rough densities of polar bears along the shipping routes; 2) provide further rationale on the risk of potential major spills and provide rationale around the parameters of magnitude (i.e., location of spill, volume of spill, area of dispersion, type of spill, response time); 3) identify worst case scenario (i.e., highest density of polar bears, high volume, worst type of liquid) and best case scenario (i.e., lowest density of polar bears, low volume, lightest type of liquid); and 4) where appropriate, update the impact assessment within the FEIS.	7	6	Appendix V7-6A (5)	5-1, 5-2, 5-3, 5-4
TM/PHC 87	GN	~	~	~	GN-26	~	Sabina commits to participate in relevant research and management initiatives and increasing understanding and mitigation of potential cumulative effects associated with the Project's shipping activities.	10	20	<u>7.3.7.5,</u> 7.3.8.5	110, 112
TM/PHC 88	GN	~	~	~	n/a	~	Sabina commits to limit their shipping period to the open water season and to not ship within the Nunavut Settlement Area after October 15 each year (except under unforeseen and exceptional events including consideration for vessel safety). All vessels utilized will be appropriate as defined by Transport Canada's Zone Date System. This will be included in the FEIS.	10	15	<u>4</u>	<u>7 to 9</u>
TM/PHC 89	KIA	~	~	~	n/a	~	Sabina commits to review table 6.4.4 (volume 8, ch 6) against figure 6.4-8 and to ensure all pathways identified in figure 6.4-8 are included in tables of the FEIS. Sabina shall also ensure that all inputs (including incinerator) are included in the risk assessment model as per figure 6.4-8.	8	6	<u>6.4.1.7.4,</u> 6.4.1.7.5, 6.4.1.8.1	Page 6-47 and Table 6.4-4, as well as page 6-60
ГМ/РНС 90	KIA	~	~	~	IR 3	~	Sabina commits to update the human health risk assessment and terrestrial and aquatic wildlife risk assessments with more realistic forage and consumption numbers.	8	5	Appendix V8-5B	human consumption is updated in Section 4.6, Appendix V8-5B; wildlife forage is discussed in Appendix B, of Appendix V8-5B
M/PHC 91	KIA	-	~	~	KIA CR 3	~	Sabina commits to, within the wildlife total effects section, and within the effects assessment and cumulative effects assessment, include additional references from applicable studies with high statistical power on total effects and for other studies report a lack of power analysis or low power if applicable and revise discussion accordingly within the FEIS.	5	5,6,7,8,9,10	<u>X.5.2</u>	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
ΓM/PHC 92	AANDC	~	~	~	AANDC 16	~	Sabina commits to include in the FEIS, plans or design contingencies where appropriate, that are in place to prevent and manage reasonably foreseeable worst case scenarios as they relate to accidents and malfunctions.	9	3	3.3, <u>3.4</u>	3-6 to 3-20, <u>3-20 to 3-21</u>
TM/PHC 93	AANDC	~	~	~	AANDC 16	~	Sabina commits to extending the accidents and malfunctions assessment into the closure and post closure periods, within the FEIS.	9	3	<u>Table 3.2-4, Table 3.2-5</u>	<u>3-4 to 3-6</u>
TM/PHC 94	NRCAN	~	~	~	n/a	~	Sabina commits to update and clarify to the extent possible, Project components and activities related to explosives manufacture and storage within the FEIS.	10	13	6.6.2	13 to 14

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT	COMMITMENT	VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
TM/PHC 95	NRCAN	~	~	~	n/a	~	Sabina commits to provide an updated Explosives Management Plan within the FEIS and to ensure that the plan accurately describes explosives manufacturing and storage and which clarifies whether Sabina anticipates storing explosives components at the marine laydown area.	10	13	<u>6.2, 6.6.2</u>	<u>5 to 11</u> , <u>13 to 14</u>
TM/PHC 96	NRCAN	~	~	~	n/a	~	Sabina commits to carrying forward updated project components and activities associated with explosives manufacturing and storage in its assessment of accidents and malfunctions (including the marine laydown area if applicable) within the FEIS.	9	3	<u>3.3.11</u>	<u>3-10</u>
TM/PHC 97	GN	~	~	~	GN-26	~	Sabina commits to provide information specific to mitigation measures for polar bears for consideration in the shipping carrier's marine spill response plan. This will be included in the FEIS.	10	15	11.2	<u>19</u>
NIRB 1	NIRB	~	~	~	~	NIRB-1	Sabina shall include within the FEIS further details on engagement, both planned and completed, with Transport Canada and with communities, residents and organizations in the Kitikmeot Region regarding the following points associated with planned project shipping:	3	1	<u>1.5.3, 1.6.3</u>	1-20 to 1-35, 1-39 to 1-47
NIRB 2	NIRB	~	~	~	~	NIRB-2	Anticipated shipping vessel sizes, types and experience of operators;	2	6	<u>6.3.3</u>	<u>6-4 to 6-5</u>
NIRB 3	NIRB	~	~	~	~	NIRB-3	Documentation of bathymetry, approaches, natural hazards, and areas sensitive to disturbance for Bathurst Inlet;	2 7 10	6 6 15	<u>6.3.3</u> <u>All</u> <u>Appendix V7-6A</u>	<u>6-4 to 6-5</u> <u>All</u> <u>All</u>
NIRB 4	NIRB	~	~	~	~	NIRB-4	Measures to ensure adequate spill response planning and equipment is in place for project vessels and the Proponent's proposed oil handling facilities;	10	5 6 15	<u>All</u> <u>All</u> All	<u>All</u> All
NIRB 5	NIRB	~	~	~	~	NIRB-5	Communication plan for providing regular updates to local communities and organizations regarding Project shipping schedules; and	3 10	1 26	Table 1.6-1 <u>7.2</u>	41 to 44 <u>7 to 8</u>
NIRB 6	NIRB	~	~	~	~	NIRB-6	Determining the annual open water season for Bathurst Inlet and the Project shipping routes in the Nunavut Settlement Area, including contingency planning should shipping schedules required adjustment (i.e. barge overwintering areas, cat train/ice trail transport plans) owing to earlier than anticipated freeze-up.	2 10	6 15	6.3.3 <u>4.1.1</u> , <u>4.3.1</u> ,	6-4 to 6-5 7, 7 to 8
NIRB 7	NIRB	~	~	~	~	NIRB-7	Within its FEIS, Sabina shall update its discussion of groundwater to include a consideration of permafrost structures within the proposed development area which may contain high-salinity water. Where such structures are identified, it shall include discussion of the potential for high-salinity water within permafrost to be released as a result of Project activities, and include relevant mitigation measures.	2	7	Appendix V2-7A, Appendix V2-7H	<u>All</u> , All
							Sabina shall include within the FEIS, updated draft management plans for the proposed development, including but not limited to: operation of landfarms; the management of wastewater at proposed treatment facilities; the	2	7	Appendix V2-7H, Appendix V2-7I,	All, All
NIRB 8	NIRB	~	~	~	~	NIRB-8	stability and integrity of the tailings impoundment area; the assessment of stability characteristics of terrestrial		7 10	3.3 7.5	13 to 14
							areas proposed for water discharge; and, the use of cyanide.	10	12	<u>7.5</u> <u>Appendix C</u>	<u>12 to 14</u> <u>All</u>
NIRB 9	NIRB	-	~	~	~	NIRB-9	Sabina shall, within its FEIS, highlight updates or changes made to its adaptive management and/or monitoring plans for caribou and shall discuss how these changes were achieved in consultation with the governments of Nunavut and the Northwest Territories. The discussion shall also clearly identify thresholds for adaptive management (i.e. work stoppages).	10	20	<u>6.10</u>	<u>30 to 46</u>
NIRB 10	NIRB	-	~	~	~	NIRB-10	Sabina shall, where possible and in consultation with the Government of the Northwest Territories, provide additional analysis (quantitative or qualitative) in the FEIS of project impacts to caribou reproductive productivity with the objective of increasing confidence in the conclusions of Sabina's effects assessment.	5	5	<u>5.5.2.8</u>	<u>5-170 to 5-187</u>
NIRB 11	NIRB	-	-	-	~	NIRB-11	Sabina shall include within the FEIS additional discussion on project impacts to caribou in the context of the Bathurst herd's current low population levels. Sabina's assessment shall include recognition of the low population levels and include a discussion of potential project effects on population recovery. Sabina shall also describe how its mitigation measures may contribute to improved rates of recovery, and shall discuss how it may contribute to any initiatives or efforts to improve rates of recovery.	5	5	5.1.2, 5.5.2, <u>5.5.4</u> , 5.6	5-3 to 5-82, 5-134 to 5-187, <u>5-191 to 5-195,</u> 5- 197 to 5-242
NIRB 12	NIRB	~	~	~	~	NIRB-12	Sabina shall demonstrate within the FEIS how the timing of its project activities may interact with harvesting by communities.	8	4	<u>4.5.2.2,</u> 4.5.4, 4.5.5	<u>4-44 to 4-53</u> , 4-55 to 4-56, 4-57 to 4-60
NIRB 13	NIRB	-	~	~	ë	NIRB-13	Sabina shall include within the FEIS additional information on historic annual variation in Bathurst caribou herd movement and utilization of calving and post-calving areas.	5	5	<u>5.1.2</u> , 5.5.2, 5.5.4, 5.6	<u>5-3 to 5-82</u> , 5-134 to 5-187, 5-191 to 5-195, 5- 197 to 5-242
NIRB 14	NIRB	~	~	-	~	NIRB-14	Within its FEIS, Sabina shall demonstrate a consideration of the need for, and potential incorporation of, work suspension protocols and other adaptive management measures for caribou. This shall include consideration of triggers for the implementation of such measures within relevant management plans.	10	20	6.10	<u>30 to 46</u>
NIRB 15	NIRB	~	~	~	~	NIRB-15	Sabina shall clearly demonstrate within its FEIS how monitoring programs will be designed to verify impact predictions made in the FEIS and describe how it plans to update monitoring programs and impact predictions during the life of the Project.	10	20	<u>2.1, 7.2, 7.3</u>	3 to 5, 51 to 112
NIRB 16	NIRB	~	~	~	~	NIRB-16	Sabina shall include within its FEIS, a clear rationale and discussion for its preferred zone of disturbance chosen for the assessment of impacts to caribou.	5	5	<u>5.5.2.2</u> , 5.6.2.2	<u>5-148 to 5-162</u> , 5-214 to 5-233
NIRB 17	NIRB	~	~	-	~	NIRB-17	Sabina shall include within its FEIS, update information to clarify how and where areas of uncertainty in impact predictions have been identified, and shall identify where a precautionary approach to adaptive management and/or monitoring has been undertaken.	9	1	1.2.4	1-18 to 1-34
NIRB 18	NIRB	~	-	-	~	NIRB-18	Sabina shall include within its FEIS a revised assessment of the marine environment and impacts from proposed shipping activities to include the marine shipping route within the Nunavut Settlement Area. The assessment shall demonstrate consideration for potential impacts to VECs and VSECs specific to shipping activities, cumulative effects of shipping in relation to other proposed and reasonably foreseeable projects are considered, and shall include appropriate mitigation and monitoring measures.	7	6	<u>Appendix V7-6A</u> (4, 5, <u>7</u> , 8)	All Pages
NIRB 19	NIRB	~	~	~	~	NIRB-19	Within its FEIS, Sabina is expected to revise its cumulative effects assessment to address the following:	7	6	<u>Appendix V7-6A</u> (4, 5, <u>7</u> , 8)	All Pages
NIRB 20	NIRB	~	~	~	~	NIRB-20	Inclusion of all presently approved and reasonably foreseeable (i.e. within the NIRB's Review process) industrial developments within the Kitikmeot region within its consideration of cumulative effects to VECs and VSECs, including the marine shipping components of each approved or potential development.	7	6	<u>Appendix V7-6A</u> (4, 5, <u>7</u> , 8)	All Pages

Table V1-1B. Table of Commitments

ITEM	SOURCE	IR REF	CR REF	TC REF	PHC REF	PHC REPORT	COMMITMENT	VOLUME	CHAPTER	SECTION/APPENDIX	PAGE
NIRB 21	NIRB	~	~	~	~	NIRB-21	Provide clarification or justification for its use of the 95th percentile distribution range for its winter cumulative effects assessment boundary, while employing a 50th percentile distribution range for the summer range. Given noted variability in caribou ranges, Sabina shall, where possible, demonstrate consideration for the use of a 95th percentile for both summer and winter ranges, and, where note possible or feasible to do so, shall provide justification.	5	5	5.5, <u>5.6</u>	5-131 to 5-197, <u>5-197 to 5-242</u>
NIRB 22	NIRB	~	-	-	-	NIRB-22	Sabina shall include within its FEIS, confirmation of the removal of the Tibbit- Contwoyto road and potential connections from the scope of the Project proposal. Should Sabina wish to have this road connection remain under consideration for the assessment, it must include this component within the LSA, RSA, and include it for consideration as part of the assessments of all VECs and VSECs, including cumulative and transboundary impacts.	2	4	<u>4.4</u>	<u>4-29</u>
NIRB 23	NIRB	~	~	~	~	NIRB-23	Sabina shall include within its FEIS, clearly defined periods for proposed post-closure monitoring with justification for the chosen period(s) for each project component and/or VEC/VSEC, as applicable.	10	29	<u>6.2</u>	28 to 29
NIRB 24	NIRB	~	~	~	~	NIRB-24	Sabina shall within its FEIS, highlight areas where significance determinations have been further updated to take into consideration the concerns raised by reviewers.	4, 5, 6, 7, 8	Х	<u>X.5.5</u>	4-50 to 4-55, 5-195 to 5-197, 6-67 to 6-69, 7-48 to 7-50, 8-68 to 8-70
NIRB 25	NIRB	~	~	~	~	NIRB-25	Sabina shall include within the FEIS, updated maps or illustrations which clarify the direction of migration of animals.	5	5	<u>5.1</u>	<u>5-1 to 5-122</u>
NIRB 26	NIRB	~	~	-	~	NIRB-26	Sabina shall provide within its FEIS, its statistical analyses methods and results in tabulated form where possible, and shall provide clear justification for all impact analyses and rationale for choosing the RSA, LSA, and other parameters in order to assist the reader in verifying the reasonability and reproducibility of said analyses as consistent with the NIRB's EIS Guidelines, section 7.7.	5 8 10	5, 6 5 19	<u>Appendix V5-5B, Appendix V5-6A, Appendix V5-6B</u> 5.1.2 7.2.3	<u>All</u> 5-5 to 5-6 14 to 20

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Appendix V1-2

List of Permits, Licences, and Authorizations Required for Project



Appendix V1-2. List of Permits, Licences, and Authorizations Required for Project

Responsible Authority	Legislation	Authorization	Project Activity	Permitting Strategy/Timeline		
Nunavut Impact Review Board	NLCA Article 12 Nunavut Planning and Project Assessment Act (S.C. 2013, c. 14, s. 2)	Project Certificate	Required to obtain requisite permits and approvals to proceed with Project	Sabina aims to obtain a Project Certificate from NIRB by Q2/Q3-2016		
Kitikmeot Inuit	NLCA Article 26	Inuit Impact and Benefits Agreement	Required to proceed with Project	Sabina aims to conclude successful		
Association	NLCA Article 20	Inuit Water Rights Compensation Agreement	May be required	negotiation of an IIBA after receiving a Project Certificate. Compensation agreements may form		
	NLCA Article 6	Wildlife Compensation Agreement		part of the IIBA.		
	NLCA	Inuit Owned Lands - Commercial Land Use Lease	Access surface IOL to develop mine	Sabina intends to submit its commercial land use and quarry		
		Inuit Owned Lands - Quarry Concession Licenses	Extract aggregate on IOL	concession permit applications to the KIA once NIRB has issued a positive final hearing report to the Minister. Submission timing: mid-2016		
Nunavut Water Board	NLCA Article 13 Nunavut Waters and Nunavut Surface Rights Tribunal Act Nunavut Waters Regulations	Type A and B Water Licences	Required for water use and waste disposal	Sabina intends to submit its Type A Water Licence in the first half of 2016. Sabina plans to utilize its existing Type B Water Licences or new licenses with already screened activities for initial construction activities, if necessary.		
Aboriginal Affairs and Northern Development	Territorial Lands Act Canadian Mining Regulations	Prospector License Mineral leases	To obtain and hold subsurface mineral rights	Sabina intends to submit its land use and quarry permit applications to AANDC once NIRB has issued a positive		
Canada	Territorial Land Use Regulations	Crown Land - Class A and Class B Land Use Permits	Access surface Crown lands for initial Project development, prior to obtaining leases	final hearing report to the Minister. Sabina plans to utilize its existing land use permits and/or will apply for new interim land use permits to support		
		Crown Land - Land lease and Waterlot lease	Access surface Crown lands for the Project life	initial construction, to address delays in receipt of leases, if necessary.		
	Territorial Quarrying Regulations	Crown Land - Quarry Lease/Permit	Extract aggregate on Crown Land			

Responsible Authority	Legislation	Authorization	Project Activity	Permitting Strategy/Timeline		
Transport Canada	Navigation Protection Act	Approval and/or Exemption	Construction of works in navigable water to protect navigation channels	Sabina will seek feedback from Transport Canada on potential impacts to navigation during review of the FEIS, and will submit formal applications under the <i>Navigation Protection Act</i> for relevant in-water works once detailed engineering has been completed. Submission timing: 2016		
	Canada Shipping Act Response Organizations and Oil Handling Facilities Regulations		Approved Oil Pollution Emergency Plan (OPEP)	Conceptual OPEP included with this FEIS for Transport Canada comment. Formal submission of the OPEP to Transport Canada for approval will follow detailed engineering.		
	Canada Shipping Act Response Organizations and Oil Handling Facilities Regulations		Approved Ship Oil Pollution Emergency Plan (SOPEP)	Formal submission of the SOPEP to Transport Canada for approval prior to shipping		
Fisheries and Oceans Canada	Fisheries Act (Section 35(2))	Authorization under Paragraph 35(2)(b) of the Fisheries Act; required if serious harm to fish cannot be avoided. In instances in which serious harm to fish can be avoided, DFO may provide a letter of authorization in addition to compliance with Measures to Avoid Causing Harm to Fish and Fish Habitat.	Project activities directly removing or altering fish habitat: full lake dewatering, culvert installations, dam construction in watercourses, stream flow reductions and potential water and sediment quality changes.	Sabina's application for an Authorization under the Fisheries Act presented as Appendix V12-1D of the DEIS will be finalized after receiving a Project Certificate.		
Environment Canada	Fisheries Act (Section 36) Metal Mining Effluent Regulations	Schedule 2 Amendment	Deposit of tailings in fish-bearing waters	Should Sabina require a Schedule 2 Amendment Sabina intends to submit its request in the first half of 2016.		
Natural Resources Canada	Explosives Act and Regulations Blasting Permits Explosive Magazine Permits Radio Licensing	Licence for a Factory and Magazine	Required for construction of explosives factories and magazines and storage of explosives	Sabina's explosives contractor (once contracted) will obtain the requisite licence(s).		

Responsible Authority	Legislation	Authorization	Project Activity	Permitting Strategy/Timeline	
GN Culture and Heritage	Nunavut Archaeological and Palaeontological Sites Regulations (Nunavut) Nunavut Historical Resources Act	Archaeology Permit	Required to conduct archaeology surveys and to mitigate cultural/heritage resources	Archaeological permit applications will be submitted to the GN-CH by March 31 by Sabina's consulting archaeologist for survey or mitigation field work planned for the upcoming summer.	
Nunavut Research Institute	Scientist Act (Nunavut)	Scientific Licences: Land and Water Social and Traditional Knowledge	Undertake non-biological and non- cultural heritage baseline and monitoring studies	Sabina or its consultants will obtain the requisite scientific licences as required prior to and during the life of the Project.	
GN Environment	Environmental Protection Act (Nunavut) Spill Contingency Planning and Reporting Regulations(Nunavut)	Approval of Spill Contingency Plan		Sabina will submit its Spill Contingency Plan for approval as part of the Type A Water Licence Application. Submission timing: mid-2016	
	Environmental Protection Act (Nunavut)	Hazardous Waste Generator		Sabina is currently registered as a hazardous waste generator	
	Wildlife Act (Nunavut)			Sabina or its consultants will obtain the requisite wildlife research permits as required prior to and during the life of the Project.	
GN Health and Social Services	Public Health Act (Nunavut) Camp Sanitation Regulations (Nunavut)	Approval of camp facilities	Construction and operation of camp, medical facilities, buildings and propane storage	Prior to construction and occupancy	
	Emergency Medical Aid Act (Nunavut)	Medical facilities approval			
GN Community and	Building Codes (Nunavut)	Building Permits	Construction and operation of	Prior to construction and occupancy	
Government Services	Fire Prevention Act (Nunavut) Fire Prevention Regulations (Nunavut) Propane Cylinder Storage Regulations	Approval of camp facilities and propane storage	camp, medical facilities, buildings and propane storage		

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Responsible Authority	Legislation	Authorization	Project Activity	Permitting Strategy/Timeline	
Worker's Safety and Compensation Commission of Nunavut - Mine	Explosives Use Act (Nunavut) Explosive Use Regulations (Nunavut)	Authorization to store and use explosives	Required to store detonators in a magazine	Sabina's explosives contractor (once contracted) will obtain the requisite authorization(s).	
Health and Safety	Mine Health and Safety Act (Nunavut) Mine Health and Safety Regulations (Nunavut)	Authorization to store and use explosives	Required to store detonators in a magazine		
	Worker's Compensation Act (Nunavut) Workers Compensation Regulations (Nunavut)	Authorization for Activities	Required to proceed with Project activities	Sabina is currently authorized to conduct business in Nunavut. Confirmation will be sought from WSCC if changes to this authorization are required for mine development. Sabina's contractors will be required to seek approval to work in Nunavut.	

Notes:

IOL - Inuit Owned Land

NLCA - Nunavut Land Claims Agreement

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Appendix V1-3

Land and Water Interests



Appendix V1-3. Land and Water Interests

1. LAND TENURE

The Property comprises 45 federal mineral leases and 19 federal mining claims covering approximately 133,470 acres or 54,040 ha. All of the tenure is in good-standing and a description of the tenure type, size and ownership of each property is listed in Table 1-1.

Table 1-1. Mineral Tenure Status (as of October 29, 2015)

Project/ Prospects	Tenure Name	Hectares (ha)	Tenure Type	Registered Ownership as of October 29, 2015	Expiry/ Renewal Date
	3694	417.92			16-Oct-16
	3695	410.27			16-Oct-16
	3696	1,077.71			16-Oct-16
	3697	1,101.8	Federal Mining Leases (7)	100% in good standing	16-Oct-16
Casas	3698	1,073.66			16-Oct-16
Goose	3699	1004.00			16-Oct-16
	3700	1084.59			16-Oct-16
	K12025	920.36			19-May-17
	K12026	662.42	Federal Mining Claims (3)	100% in good standing	19-May-17
	F94558	800.69			9-Sep-16
	3562	69.48			9-Nov-16
	3598	394.16		100% in good standing	28-Dec-15
	3599	821.11			28-Dec-15
	3600	1,008.88			28-Dec-15
	3601	1,097.91			28-Dec-15
	3602	1,027.9			28-Dec-15
	3603	1,078.08			28-Dec-15
	3604	450.01			28-Dec-15
	3605	1,036.81	Federal Mining Leases (19)		19-Dec-15
	3606	1,074.04			19-Dec-15
George	3607	1,033.97			19-Dec-15
	3608	1,057.61			19-Dec-15
	3649	1,046.92			19-Dec-15
	3650	200.08			28-Dec-15
	3651	1,042.07			28-Dec-15
	3653	1,074.85			19-Dec-15
	3677	536.53			16-Oct-16
	3729	111.01			16-Oct-16
	3730	749.88			16-Oct-16
	F98491	998.04	Follow March Class (2)	100% in good standing	25-Nov-15
	F98492	888.29	Federal Mining Claims (2)		25-Nov-15

Project/ Prospects	Tenure Name	Hectares (ha)	Tenure Type	Registered Ownership as of October 29, 2015	Expiry/ Renewal Date
	3552	1,029.92			30-Dec-15
	3553	1,036.80			30-Dec-15
	3554	1,093.50			30-Dec-15
	3555	1,015.17	F (40)		30-Dec-15
Boot	3609	1,082.16		100% in good standing	30-Dec-15
DOOL	3612	1,080.54	Federal Mining Leases (10)	100% in good standing	30-Dec-15
	3613	1,025.06			30-Dec-15
	3678	1,061.51			16-Oct-16
	3679	1,002.38			16-Oct-16
	3724	541.89			16-Oct-16
	3466	300.51			18-Nov-16
	3557	1,012.91		100% in good standing	30-Dec-15
	3558	1,052.19			30-Dec-15
	3559	1,049.36	Federal Mining Leases (8)		30-Dec-15
	3560	1,100.39			30-Dec-15
	3691	260.01			16-Oct-16
Boulder	3692	456.84			16-Oct-16
boulder	3693	671.09			16-Oct-16
	K12027	903.96		100% in good standing	4-Oct-22
	K12028	1,008.86			4-Oct-22
	K12029	949.73	Federal Mining Claims (6)		4-Oct-22
	K12030	938.79	rederat mining ctains (6)		4-Oct-22
	K12033	290.79			4-Oct-22
	K12034	734.27			4-Oct-22
	5152	983.1375	Federal Mining Leases (1)	100% in good standing	10-Mar-16
Bath	F94554	650	Federal Mining Claims (2)	100% in good standing	9-Sep-16
	F94555	550	rederat Milling Ctanns (2)		9-Sep-16
	K10862	966.74			12-Sep-18
	K10863	966.74	Federal Mining Claims (6)	100% in good standing	12-Sep-18
Del	K10866	966.74			12-Sep-18
שפו	K10867	966.74			12-Sep-18
	K10869	965.52			12-Sep-18
	K10870	976.46			12-Sep-18

2. PERMITS, LICENSES AND AUTHORIZATIONS

Table 2-1 presents the current authorizations and permits that are in place for the mineral exploration activities and baseline data collection activities that are occurring on the Property and other exploration Projects held in the area.

Table 2-1. Current Authorizations and Permits (as of October 30, 2015)

Permit	Expiry (mm/dd/yyyy)	Agency	Description
KTL204C012 - Amended	12/13/2015	KIA	Boulder: Staking/prospecting, exploration (ground/air geophysics), geophysical survey, gridding and drilling
KTL204C020 - Amended	12/13/2015	KIA	Boot: Exploration (air/ground geophysics), staking, prospecting, fly/survival camp and drilling
KTL304C017 - Amended	12/13/2015	KIA	Goose: Staking/prospecting, exploration (ground/air geophysics), drilling, bulk sampling, bulk fuel storage, camp, winter road
KTL304C018 - Amended	12/13/2015	KIA	George: Staking/prospecting, exploration (ground/air geophysics), drilling, bulk sampling, bulk fuel storage, camp, winter road
KTL304F049 - Amended	12/13/2015	KIA	Winter road Bathurst Inlet to Goose and George
KTP11Q001	12/13/2015	KIA	Goose rock quarry
KTP12Q001	12/13/2015	KIA	Goose airstrip borrow area
KTP12Q002	12/13/2015	KIA	George borrow quarry
N2011F0029	12/13/2015	AANDC	Winter road connecting George-Goose
N2010F0017	9/16/2015 (extension pending)	AANDC	Winter road connecting Bathurst Inlet - Back River Project
N2010C0016	10/31/2015 (extension pending)	AANDC	Exploration activities
2BEGOO1520	02/18/2020	NWB	Goose water licence
2BEGEO1520	05/29/2020	NWB	George water licence

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Appendix V1-4

List of Consultants Contributing to FEIS



Appendix V1-4. List of Consultants Contributing to the FEIS

Table 1. List of Consultants that Contributed to the FEIS Preparation

Contributor	Role
Sabina Gold & Silver Corp. #375, 555 Burrard	d Street, Vancouver, British Columbia V7X 1M9; Tel (604) 998-4175
Matthew Pickard	Vice President, Environment and Sustainability
Wes Carson	Vice President, Project Development
Jeff Eng	Director, Engineering
John Laitin	Manager, Site Operations
Catherine Paul	Project Engineer
Andrew Crook	Project Engineer
Merle Keefe	Environmental Engineer
Regan Petelski	Project Development Coordinator
Ingrid Mullins	Lead, GIS
Max Brownhill	Manager, Environment
Jason Prno	Community Relations Advisor
Fernand Beaulac	EIS Advisor and Reviewer
Anne O'Toole	Government Engagement Advisor
April Wilson-Lange	Communications Specialist
Mike Setterington (EDI Environmental Dynamics Inc.)	Third Party Reviewer: Wildlife
John Virgil (Golder Associates Ltd.)	Third Party Reviewer: Wildlife
Kim Poole (Aurora Wildlife Research)	Third Party Reviewer: Wildlife
Brad Armstrong, QC (Lawson Lundell LLP)	Legal Advisor
Christine Kowbell (Lawson Lundell LLP)	Legal Advisor
ERM Consultants Canada Ltd. 15th Floor, 11	11 West Hastings Street, Vancouver, British Columbia, V6E 2J3; Tel (604) 689-9460
Korina Houghton, B.Sc.	Project Manager
Deborah Muggli, Ph.D., M.Sc., R.P.Bio	Technical Lead
Tyler Gale, M.A.Sc.	Lead, Groundwater and Permafrost
Ben Andrew, R.P.F	Lead, Terrain and Soils, and Vegetation and Special Landscape Features
Greg Sharam, Ph.D., M.Sc., B.Sc.	Lead, Terrestrial and Marine Wildlife
Ali Naghibi, Ph.D., P.Eng.	Lead, Surface Hydrology and Bathymetry
Benjamin Beall, Ph.D.	Lead, Freshwater/Marine Water Quality, Sediment Quality, Aquatic Habitat; Limnology; and Physical Processes
Kerry Marchinko, Ph.D., M.Sc.	Lead, Freshwater/Marine Fish Habitat and Community
Lisa Seip, M.A., RPCA, CAHP	Lead, Archaeology
Kent Gustavson, Ph.D., M.Sc.	Lead, Socio-economics and Land Use
Tobin Pope, B.A. ADP GIS	Lead, GIS Services
Chris Hawley, B.A.	Lead, Publishing

(continued)

Table 1. List of Consultants that Contributed to the FEIS Preparation (completed)

Contributor Golder Associates Ltd. 16820 107 Avenue, Edmonton, Alberta, T5P 4C3; Tel: (780) 483-3499 Cameron Stevens, Ph.D., M.Sc. Lead, Fisheries Offset Hatch Ltd. 1066 West Hastings St, Vancouver, BC, V6E 3X2; Tel (604) 689-5767 Gerry Schwab, P.Eng Project Manager Kelvin Lee, P.Eng Cyanide Management Plan Intrinsik #110b - 294 Mill Street East, Guelph, Ontario, NOB 150; Tel (519) 846-8858 Christine Moore, M.Sc. Project Manager JDS Energy & Mining Inc. Suite 900, 999 West Hastings St., Vancouver, BC, V6C 2W2; Tel (604) 558-6300 Project Manager Angus Christie Trevor Herd Infrastructure and Explosives Advisor Kitikmeot Inuit Association (KIA) P.O. Box 360, Kugluktuk, Nunavut, XOB 0B0; Tel (867) 982-3310 Luigi Torretti Traditional Knowledge Project Manager Vivian Banci, M.Sc., R.P.Bio. Traditional Knowledge Contributing Author Rose Spicker, ADP(GIS), CGS, B.Sc. Traditional Knowledge Contributing Author Knight Piésold Ltd. 1650 Main Street West, North Bay, ON, P1B 8G5; Tel (705) 476-2165 Richard Cook, B.Sc. Select Management Plans Navenco Marine Inc. 350 boul. Ford, Suite 130, Chateauguay, Quebec, J6J 4Z2l; Tel (450) 698-2810 Todd Mitchell Select Management Plans RWDI 650 Woodlawn Road West, Guelph, Ontario, N1K 1B8; Tel (519) 823-1311 Alain Carrière, B.A., Dipl., Ecotox. Project Manager Mike LePage, M.Sc., CCM, ACM **Project Director** SRK Consulting Oceanic Plaza, 22nd Floor, 1066 West Hastings Street, Vancouver, BC, V6E 3X2; Tel (604) 681-4196 Maritz Rykaart, Ph.D., P.Eng. Project Manager Kelly Sexsmith, M.Sc., P.Geo. Lead, Geology and Geochemical Characterizations, ML/ARD Potential Samantha Barnes, EIT Lead, Water Management Sarah Portelance, M.Eng., P.Eng. Lead, Water Load and Balance UBC - Department of Earth and Ocean Sciences Earth Sciences Building (ESB) 2020 - 2207 Main Mall, Vancouver, British Columbia, V6T 1Z4 Canada; Tel (604) 822-2449 Greg Lawrence, Ph.D., P.Eng. Professor of Environmental Fluid Mechanics, Hydrotechnical Engineering Roger Pieters, Ph.D. Research Associate

Table 2. List of Organizations Consulted and Engaged during the FEIS Preparation (as of November 1, 2015)

Organization	Contact Information
Aboriginal Affairs and	15 Eddy Street
Northern Development -	10th floor
Headquarters	Gatineau, QC K1A 0H4
Aboriginal Affairs and Northern Development - Nunavut Region	969 Qimugjuk Building 2 nd Floor PO Box 2200 Iqaluit, NU XOA 0H0
Bathurst Inlet Hunters and	PO Box 1270
Trappers Organization	Cambridge Bay, NU X0B 0C0
Bathurst Inlet Lodge	PO Box 820 Yellowknife, NWT X1A 2N6
Bay Chimo Hunters and	PO Box 1270
Trappers Organization	Cambridge Bay, NU X0B 0C0
Cambridge Bay Community Advisory Group	10 Omilik Road PO Box 2239 Cambridge Bay, NU XOB 0C0
Cambridge Bay Hunters and Trappers Organization	PO Box 1270 Cambridge Bay, NU X0B 0C0
Canadian Northern	400 Cooper Street
Development Agency -	5 th Floor
Headquarters	Ottawa, ON K1A 0H3
Deninu Kue First Nation	Box 279 Fort Resolution, NT X0E 0M0
Environment Canada -	969 Qimugjuk Building
Prairie and Northern	PO Box 2200
Region - Eastern Arctic	Iqaluit, NU XOA 0H0
Environment Canada -	351, boul. Saint-Joseph
Headquarters	Gatineau, QC K1A 0H3
Environment Canada -	5019 - 52 nd Street
Prairie and Northern	PO Box 2310
Region - North	Yellowknife, NWT X1A 2P7
Environment Canada - Prairie and Northern Regional Headquarters	4999 - 98 Avenue NW Edmonton, AB T6B 2X3
Fisheries and Oceans -	#200 - 626 Tumiit Plaza
Central and Arctic Region	PO Box 358
- Eastern Arctic	Iqaluit, NU X0A 0H0
Fisheries and Oceans - Central and Arctic Regional Headquarters	501 University Crescent Winnipeg, MB R3T 2N6
Fisheries and Oceans - Central and Arctic Region - Western Arctic	5204 - 50 th Avenue Yellowknife, NWT X1A 0E6
Fisheries and Oceans -	200 Kent Street
Headquarters	Ottawa, ON K1A 0E6
Fisheries and Oceans -	200 Kent Street
Canadian Coast Guard	Ottawa, ON K1A 0E6

Organization	Contact Information
Fisheries and Oceans - Canadian Hydrographic Service	200 Kent Street Ottawa, ON K1A 0E6
Gjoa Haven Hunters and Trappers Organization	PO Box 162 Gjoa Haven, NU XOB 1JO
Government of Nunavut	Building 1104 A, Inuksugait Plaza PO Box 1000, Station 1500 Iqaluit, NU XOA 0H0
Government Northwest Territories	600, 5102-50th Avenue Yellowknife, NT X1A 3S8
Hamlet of Cambridge Bay	PO Box 16 Cambridge Bay, NU X0B 0C0
Hamlet of Gjoa Haven	PO Box 200 Gjoa Haven, NU XOB 1J0
Hamlet of Kugaaruk	PO Box 205 Kugaaruk, NU XOB 0E0
Hamlet of Kugluktuk	PO Box 271 Kugluktuk, NU X0B 0E0
Hamlet of Taloyoak	PO Box 8 Taloyoak, NU X0B 1B0
Kiilinik High School	PO Box 23 Cambridge Bay, NU X0B 0C0
Kitikmeot Heritage Society	PO Box 2160 Cambridge Bay, NU X0B 0C0
Kitikmeot Inuit Association	PO Box 18 Cambridge Bay, NU X0B 0C0
Kugaaruk High School	Kugaaruk, NU XOB 1KO
Kugaaruk Hunters and Trappers Organization	PO Box 114 Kugaaruk, NU XOB 1KO
Kugluktuk Community Advisory Group	10 Omilik Road Box 2239 Cambridge Bay, NU X0B 0C0
Kugluktuk High School	PO Box 273 Kugluktuk, NU X0B 0E0
Kugluktuk Hunters and Trappers Organization	PO Box 309 Kugluktuk, NU X0B 0E0
Lutsel K'e Dene First Nation	Box 28 Lutsel K'e, NT X0E 1A0
Netsilik School	Box 9 Taloyoak, NU X0B 1B0
Natural Resources Canada	580 Booth Street 10 th Floor, Room D9-1 Ottawa, ON K1A 0E4
North Slave Métis Alliance	Box 2301 Yellowknife, NT X1A 2P7

(continued)

Table 2. List of Organizations Consulted and Engaged during the FEIS Preparation (as of November 1, 2015; completed)

Organization	Contact Information
Northern Project Management Office - Iqaluit	Allavvik Building Inuksugait Plaza IV Box 40 Iqaluit, NU XOA 0H0
Northern Project Management Office - Yellowknife	Nova Plaza, 3 rd Floor 5019 - 52 nd Street PO Box 1500 Yellowknife, NWT X1A 2R3
Nunavut Tunngavik Inc.	PO Box 638 Iqaluit, NU XOA 0H0
Qiqirtaq High School	Gjoa Haven, NU NOB 1J0
Taloyoak Hunters and Trappers Organization	PO Box 20 Taloyoak, NU XOB 1B0

Organization	Contact Information	
Tlicho Government	Box 412 Behchoko, NT X0E 0Y0	
Transport Canada -	330 Sparks Street	
Headquarters	Ottawa, ON K1A 0N5	
Transport Canada -	344 Edmonton Street	
Regional Offices	Winnipeg, MB R3B 2L4	
Transport Canada -	1100 - 9700 Jasper Avenue NW	
Regional Offices	Edmonton, AB T5J 4E6	
Yellowknives Dene First	PO Box 2514	
Nation	Yellowknife, NWT X1A 2P8	

BACK RIVER PROJECT

Final Environmental Impact Statement Main Volume

Appendix V1-5

List of Agencies, Organizations, and Persons for FEIS Distribution



Appendix V1-5. List of Agencies, Organizations, and Persons for FEIS Distribution

Group	Printed Copies (Full FEIS)	Printed Copies (Main Volume Only)	Electronic Copies*
Nunavut Impact Review Board Attn: Kristina Benoit Technical Services Department PO Box 1360 Cambridge Bay, NU X0B 0C0	4	9	2
Government of Nunavut Attn: Lisa-Marie Leclerc Department of Environment P.O. Box 377 Kugluktuk, NU X0B 0E0			1
Government of Nunavut Attn: Melanie Wilson Department of Environment P.O. Box 209 Igloolik, NU XOA OLO			1
Government of Nunavut Attn: David Beamer Department of Environment P.O. Box 83 Rankin Inlet, NU XOC 0G0			1
Government of Nunavut Attn: James Rogers Department of Environment P.O. Box 1000, Station 1360 Iqaluit, Nu XOA 0H0			5
Government of Nunavut Attn: Lou Kamermans Department of Economic Development and Transportation P.O. Box 1000, Station 1500 Iqaluit, NU XOA 0H0	1		10
Kitikmeot Inuit Association - Kugluktuk PO Box 360 Kugluktuk, NU X0B 0E0	1		1
BGC Engineering Inc. Attn: Lukas Arenson Suite 500-980 Howe St. Vancouver, BC V6Z 0C8			1
Hutchinson Environmental Sciences Ltd. Attn: Neil Hutchinson 1-5 Chancery Lane Bracebridge, ON P1L 2E3			1
Zoetica Wildlife Consulting Services Attn: Heather Bears 23007-134 Loop Maple Ridge, BC V4R 0E6		1 (Vol 5 only)	1
Palmer Environmental Consulting Group Inc. Attn: Rick Palmer Suite 630, 470 Granville St. Vancouver, BC V6C 1V5			1
Environment Canada Attn: Mark Dahl 150-123 Main St Winnipeg, MB R3C 4W2			1

FINAL ENVIRONMENTAL IMPACT STATEMENT

Group	Printed Copies (Full FEIS)	Printed Copies (Main Volume Only)	Electronic Copies*
Environment Canada Attn: Anne Wilson Eastgate Offices 9250-49 St NW Edmonton, AB T6B 1K5			3
Environment Canada Attn: Jean-Francois Dufour 5019 - 52 nd Street 4 th Floor P.O. Box 2310 Yellowknife, NT X1A 2P7			1
Environment Canada Attn: Raymond Kotchorek 351 St-Joseph Blvd 16th floor Gatineau, QC K1A 0H3			1
Environment Canada Attn: Tanmay Praharaj Place Vincent Massey 18th Floor 351 St. Joseph Blvd. Gatineau, Québec K1A 0H3			1
Environment Canada Attn: Reg Ejeckam 150-123 Main St Winnipeg, MB R3C 4W2			1
Government of Nunavut Department of Economic Development and Transportation Attn: Agnes Simonfalvy PO Box 41000, Station 1560 (Inuksugait Plaza, Phase 1 - if sent by courier) Iqaluit, NU XOA 0H0			1
Environment Canada Environmental Protection Operations Attn: Loretta Ransom 5019 52 nd , P.O. Box 2310 Yellowknife, Northwest Territories X1A 2P7	1		2
Transport Canada Regional Headquarters Winnipeg Attn: Adam Downing 3rd Floor - 344 Edmonton Street Winnipeg, MB R3C 0P6			1
Aboriginal Affairs and Northern Development Canada Attn: Felexce Ngwa PO Box 100, Building 918 Iqaluit, NU XOA 0H0			3
Government of the Northwest Territories Department of Lands, Environmental Assessment and Monitoring Section Attn: Melissa Oink PO Box 1320 Yellowknife, NT X1A 2L9			2
Fisheries and Oceans Canada Attn: Georgina Williston 301-5204 50th Avenue Yellowknife, NT X1A 1E2			2

Notes:

Distribution list was provided by NIRB.

 $^{{\}it *Electronic copies may be obtained by contacting Sabina directly at backriver project @sabina golds ilver.com.}\\$

BACK RIVER PROJECT

Final Environmental Impact Statement Main Volume



Section	ID#	Commitment Description			
Main Volume - Chapter 10					
Sustainable Development Policy	C1-1	Sabina Gold & Silver Corp. regards itself as a responsible explorer and mineral developer. We are committed to fostering sustainable development throughout all stages of our activities. We constantly strive to conduct our operations in a manner that balances the social, economic, cultural and environmental needs of the communities in which we operate. To build on this commitment Sabina will:			
		 Meet or strive to exceed all relevant legislated sustainable development requirements in the regions where we work. 			
		 Ensure appropriate personnel, resources and training is made available to implement our sustainable development objectives. 			
I		• Establish clear lines of responsibility and accountability throughout the Company to meet these objectives.			
		• Implement proven management systems and procedures to facilitate our sustainable development objectives. A priority will be placed on developing and implementing management structures related to the environment, health and safety, emergency response and stakeholder engagement.			
		 Act as responsible stewards of the environment for both current and future generations. We will make use of appropriate assessment methodologies, technologies and controls to minimize environmental risks throughout all stages of mineral development. 			
		 Work closely with local communities and project stakeholders to understand their needs, address their concerns and provide project-related benefits to create win-win relationships. Our goal is to earn and maintain a social licence to operate at all our operations while building partnerships. 			
		 Pursue economically feasible projects in order to generate shareholder profitability and support long-term positive socio-economic development in the regions where we work. 			
		 Utilize a precautionary approach as it applies to potential effects from our activities. Work with employees, contractors and stakeholders to promote a culture of open and meaningful dialogue to ensure that any known or suspected departures from established protocols are reported to management in a timely manner. 			
		 Regularly review this policy to ensure it is consistent with Sabina's current activities and the most recent legislation. 			
		 Continually improve our performance and contributions to sustainable development including pollution prevention, waste minimization and resource consumption. 			
		 Implement programs at each of our operations to monitor and report compliance and proactively address potential deficiencies in our policies and procedures. 			

Section	ID#	Commitment Description			
Volume 2 - Project Description and A	Volume 2 - Project Description and Alternatives				
2.1 Project Design Considerations 2.1.1 Biophysical Environment (operational safeguards)	C2-2	 Sabina commits to the following design considerations: Minimize project footprint, thus minimizing the loss of habitat and reduction of habitat effectiveness. Contain the Project mining activities within the Goose PDA. To the extent possible, avoid known archaeological sites and prioritize avoidance of important (unique and/or old) sites. Maintain a 31 meter buffer from streams and waterways. Maintain a buffer zone from important wildlife dens and bird nesting areas. Maximize sourcing of aggregate and borrow materials from open pits. Select water sources in which Project water withdrawals will minimize the potential for drawdown and effects to fish habitat and the aquatic environment. 			
2.1 Project Design Considerations 2.1.3 Ecosystem Integrity	C2-3	The main mitigation measure that will be employed for the permanent alteration or destruction of fish habitat (PAD) will be avoidance. A range of specific and generally accepted techniques for sediment control, riparian care, site isolation, timing/sequencing, progressive reclamation, prevention of deleterious substances to watercourses, and			
2.1 Project Design Considerations 2.1.4 Application of the Precautionary Approach	C2-5	minimization of serious harm to fish. The precautionary approach will be integrated into decision making on all aspects of implementation. Where there is uncertainty or some plausible risk, conservative approaches, together with a dynamic process of adaptive management will be implemented.			
2.1 Project Design Considerations 2.1.9 Consideration of Current Land Use Activities	C2-6	Sabina is committed to open communication with its industry neighbours and where possible to implement joint programs and share information.			
4.2 Tier One Alternatives 4.3.2 Infrastructure 4.3.3.3 Site Water Treatment	C2-7	Cyanide will only be used at the Goose Property to recover gold and the processing plant will incorporate cyanide detoxification prior to release to the Tailings Storage Facilities.			
6.3 Access to Project Sites 6.3.3 Marine Access and Shipping Route	C2-8	Sabina will work with local and territorial governments to minimize interference with each other's deliveries and if possible, coordinate joint resupply efforts.			
6.4 Mobilization and Construction of the Marine Laydown Area 6.4.10 Marine Laydown Area Security	C2-9	Sabina will develop a Marine Security Plan in accordance with the requirements of the <i>Marine Transportation</i> Security Act.			
6.4 Mobilization and Construction 6.4.6 Fuel	C2-10	Fuel storage areas and vehicles will be equipped with spill kits for emergency response. Sabina will commit to a Spill Contingency Plan that identifies spill kit locations and appropriate response measures for spills.			

Section	ID#	Commitment Description
Volume 2 - Project Description and A	lternatives	(cont'd)
6.5 Ground Transportation and Associated Water Crossings - Winter Road Corridors 6.5.3 Design and Construction of the Winter Road	C2-11	Sabina will provide emergency services and shelters along winter road networks. Goose and the George Exploration Camp will also serve as emergency shelters.
6.6.13 Construction of Tailings Storage Facility	C2-12	Specific design allowances will be made for and consideration will be given to permafrost, slopes, seismic activity, and site drainage requirements, particularly during peak flow conditions.
6.6.13.2 Design Basis and Operating Criteria	C2-13	The operational supernatant pond volume will be managed by selective tailings deposition to limit tailings beaches that are unsaturated, thus reducing the potential for dust generation.
6.6.13 Construction of Tailings Storage Facility	C2-14	Tailings from the process plant will be stored in a Tailings Storage Facility (TSF) as well as mined out open pits (Tailings Facilities).
6.6.13.4 General Description of TSF Layout	C2-15	The TSF containment dam will be a frozen foundation rockfill dam with a geosynthetic liner to control and reduce seepage from the facility.
7.2 Mining 7.2.7 Waste Rock Storage Areas 7.2.7.2 Waste Rock Disposal	C2-16	Acid generation from PAG waste rock will be mitigated by incorporating a NPAG waste rock cover of 5 m around the perimeter and as a cap to the PAG.
7.6 Explosives and Ammonium Nitrate Storage during Operation	C2-17	Sabina will commit to the measures defined in the Explosives Management Plan and all handling, transport, storage, manufacture, and use of explosives will be subject to federal approval under the Explosives Act and the Nunavut Mine Health and Safety Act.
7.8 Milling Process Description 7.8.7 Reagents	C2-18	Reagent storage tanks will be equipped with level indicators and instrumentation to ensure that spills do not occur during operation.
	C2-19	Cyanide monitoring/alarm systems will be installed in the process plant encompassing the entire wet process including grinding, thickening, leaching, carbon adsorption, detoxification, carbon handling, and cyanide preparation. Emergency medical stations and emergency cyanide detoxification chemicals will be provided at the areas.
	C2-20	SO ₂ gas alarms/monitors will also be provided to monitor SO ₂ concentration in the CN destruction area.
8.0 Reclamation and Closure 8.2 Regulatory Framework Regarding Mine Closure	C2-21	Reclamation and closure of the mine will be carried out in accordance with a Final Mine Closure and Reclamation Plan (MCRP) to be approved under Sabina's future Type A Water License to be issued by the Nunavut Water Board.
8.0 Reclamation and Closure 8.1 Overview and Schedule	C2-22	WRSAs and the TSF will be covered with NPAG to promote the aggregation of permafrost to encapsulate PAG materials.
	C2-23	Open pits will be filled with lake water to reduce the generation of acid and the leaching of metals.
8.0 Reclamation and Closure 8.3 Closure Objectives	C2-24	Mine components remaining after mine closure will be constructed or modified at closure to be physically stable so as to not erode, subside, or move from its intended location under extreme natural events or disruptive forces to which it may be subjected after closure.

Section	ID#	Commitment Description
Volume 2 - Project Description and A	lternatives	(cont'd)
9. Environmental Management	C2-25	Sabina commits to following the mitigation measures defined in the Borrow Pits and Quarry Management Plan.
	C2-26	Sabina is committed to preventing, to the greatest extent possible, both inadvertent release of hazardous substances to the environment and accidents resulting from mishandling or mishap. Sabina commits to a Hazardous Materials Management Plan.
	C2-27	Non-hazardous waste management will be governed by the procedures outlined in Sabina's Waste Management Plan.
	C2-28	Sabina commits to following the procedures and legal requirements outlined in the Fuel Management Plan.
	C2-29	The oil handing facility will be constructed and operated in accordance with the Oil Pollution Emergency
		Plan (OPEP) that was developed to specifically assist in implementing measures to protect the marine environment and minimize impacts from potential spill events.
Volume 3: Chapter 1 - Public Consult	ation and Er	ngagement
1.1 Regulations and Requirements Pertaining to Public Consultation and Engagement for the Project 1.2.3 Corporate Commitments	C3-1	 Sabina has made corporate commitments to public consultation and engagement, as found in its Sustainable Development Policy. Amongst other commitments discussed in this policy, the Company has committed to: Implement proven management systems and procedures to facilitate our sustainable development objectives. A priority will be placed on developing and implementing management structures related to the environment, health and safety, emergency response and stakeholder engagement. Work closely with local communities and project stakeholders to understand their needs, address their concerns and provide project-related benefits to create win-win relationships. Our goal is to earn and maintain a social licence to operate at all our operations while building partnerships. Utilize a precautionary principle as it applies to potential effects from our activities. Work with employees, contractors and stakeholders to promote a culture of open and meaningful dialogue to ensure that any known or suspected departures from established protocols are reported to management in a timely manner. Implement programs at each of our operations to monitor and report compliance and proactively address potential deficiencies in our policies and procedures.
1.1 Regulations and Requirements Pertaining to Public Consultation and Engagement for the Project 1.2.3 Corporate Commitments	C3-2	Sabina is committed to following mining industry best practices in its public consultation and engagement activities, including that found in the Prospectors and Developers Association of Canada's (2013) E3Plus Framework for Responsible Exploration. More particularly, the Company is committed to following the Prospectors and Developers Association of Canada's (PDAC 2013) basic principles for successful community engagement: • Respect - Ensure respect for all parties in the process; • Honesty - Ensure full, true and plain disclosure of information; • Inclusion - Ensure the process is inclusive, so that all parties who should be present are indeed present; • Transparency - Establish and maintain complete transparency in all aspects of the process; and • Communication - Listen to the community and talk with its members.

Section	ID#	Commitment Description
Volume 3: Chapter 1 - Public Consulta	ition and Er	ngagement (cont'd)
1.3 Consultation and Engagement with Aboriginal Organizations 1.3.1 Inuit Organizations	C3-3	Sabina has and will continue to engage with the primary Inuit organization with land rights and responsibilities in the Project area, the Kitikmeot Inuit Association (KIA).
1.3 Consultation and Engagement with Aboriginal Organizations 1.3.2 Northwest Territories Aboriginal Organizations	C3-4	A number of Northwest Territories Aboriginal organizations have been (or will be) engaged for the Project, including the Akaitcho Dene First Nations, the Tlicho Government, and North Slave Métis Alliance. Sabina will continue to engage these organizations throughout the Project's development, as necessary.
1.4 Consultation and Engagement with Potentially Affected	C3-5	Residents of Cambridge Bay, Kugluktuk, Bathurst Inlet, and Bay Chimo will be given employment and contracting opportunity preference for the Project as will other residents of the Kitikmeot region.
Communities 1.4.1.1 Category 1 Communities	C3-6	Cambridge Bay and Kugluktuk will serve as points-of-hire.
1.4 Consultation and Engagement with Potentially Affected Communities 1.4.1.2 Category 2 Communities	C3-7	Gjoa Haven, Taloyoak, and Kugaaruk may become points of hire in the future if employment numbers are sufficient although all residents will be given preference for employment and contracting opportunities with the Project.
1.5 Sabina's Public Consultation and Engagement Program 1.5.3.3 Other Forms of Outreach - Bernard Harbour Restoration Project	C3-8	Sabina has committed to supporting stream restoration work in the Nulahugyuk Creek - Hingittok Lake area in order to satisfy Fisheries Act offsetting requirements for the Back River Project, while supporting the desires of the Kugluktuk HTO and the community members of Kugluktuk.
1.6 Results of the Public	C3-8	A facility for storing and preparing country food will be provided at the Project.
Consultation and Engagement Program 1.6.3 Key Issues Identified through Public Consultation and Engagement	C3-9	Sabina has committed to providing various opportunities to the Kitikmeot Region including preferential employment, contracting, and training for local Inuit, continued implementation of a Kitikmeot-focused donations policy, and the paying of all applicable taxes and royalties to governing bodies. An IIBA to be negotiated with the KIA will further outline Sabina's benefits-oriented commitments.
and Sabina's Commitments to Addressing these Issues Table 1.6-1 Summary of Key Issues	C3-10	One annual scholarship will be established for Kitikmeot Region Inuit who are enrolled in a post-secondary educational program, with preference given to those in environmental or mining-related fields.
Raised During Public Consultation and Sabina's Commitments to Addressing those Issues	C3-11	Sabina is committed to regularly communicating the results of its environmental management and monitoring programs to local communities. This will include annual visits to communities and with stakeholder groups, the preparation of annual reports, and other forms of outreach.
	C3-12	Sabina is committed to supporting apprenticeship and pre-employment training opportunities, and supporting ongoing educational and skills development training opportunities for its employees. Pre-employment orientation and financial management courses will also be offered to new employees, should they be desired.
	C3-13	An Employee Assistance and Family Program will be made available to every Sabina employee and their immediate families.
	C3-14	All employees will have access to Human Resources personnel to whom they can speak in confidence, using Inuinnaqtun and Inuktitut if they wish.

Section	ID#	Commitment Description
Volume 3: Chapter 1 - Public Consult	ation and Er	ngagement (cont'd)
1.6 Results of the Public	C3-15	Every Sabina employee will be required to undergo intercultural awareness training.
Consultation and Engagement Program 1.6.3 Key Issues Identified through Public Consultation and Engagement and Sabina's Commitments to Addressing these Issues Table 1.6-1 Summary of Key Issues Raised During Public Consultation and Sabina's Commitments to Addressing those Issues	C3-16	Management and monitoring commitments specific to fish and water quality are found in the Aquatic Effects Monitoring and Management Plan, Site Water Monitoring and Management Plan, and Fisheries Offset Plan, but include regular monitoring and reporting of fish health and water quality, and fish habitat compensation measures.
	C3-17	Sabina will meet all legal requirements related to shipping in Canadian waters. Shipping will also only occur in the open water season and the types of ships used will be similar to those used in annual community re-supply across the north. Furthermore, the ships that Sabina utilizes will all be Canadian approved vessels and Project shipping schedules will be communicated to local communities. Sabina has reviewed shipping-related matters with local communities during its public consultation and engagement program (e.g. during public and stakeholder meetings) and will continue to do so into the future, as necessary.
(cont'd)	C3-18	Sabina will utilize progressive reclamation practices throughout the life of the Project to help ensure that mine closure is conducted responsibly and efficiently. Sabina has developed a Final Closure Plan that will be followed, and sufficient reclamation bonding has been set aside with both the KIA and Government of Canada.
1.7 Community Involvement Plan Overview	C3-19	Sabina is committed to working closely with Kitikmeot residents, communities and other stakeholders to help ensure the Project is built in a manner consistent with regional needs and aspirations. Communities will be consulted throughout the lifetime of the Project. Sabina will ensure the provision of timely Project updates, responses to feedback provided, and information on upcoming employment and training opportunities. Inuinnaqtun and Inuktitut interpretation / translation will be provided throughout the consultation process to enable participation of all community members.
Volume 3: Chapter 2 - Government E	ngagement	
2.1 Introduction 2.1.4 Alignment of Government Engagement with Corporate Commitments	C3-20	 Sabina's Sustainable Development Policy supports the Company's approach to the effective engagement of government stakeholders. Among other items mentioned in this policy, Sabina has committed to: Implement proven management systems and procedures to facilitate our sustainable development objectives. A priority will be placed on developing and implementing management structures related to the environment, health and safety, emergency response and stakeholder engagement. Work closely with local communities and project stakeholders to understand their needs, address their concerns and provide project-related benefits to create win-win relationships. Our goal is to earn and maintain a social licence to operate at all our operations while building partnerships. Utilize a precautionary approach as it applies to potential effects from our activities. Work with employees, contractors and stakeholders to promote a culture of open and meaningful dialogue to ensure that any known or suspected departures from established protocols are reported to management in a timely manner. Implement programs at each of our operations to monitor and report compliance and proactively address potential deficiencies in our policies and procedures.
2.3 Federal and Territorial Agency Engagement Program 2.3.2 Government Engagement Methods	C3-21	Sabina recognizes there will be an on-going need for both formal and informal government engagement activities.

Section	ID#	Commitment Description
Volume 3: Chapter 3 - Traditional Kno	owledge	
3.1 Introduction 3.1.1 Conformity with EIS Guidelines and Use of Traditional Knowledge in	C3-22	Traditional Knowledge (TK) has been directly and indirectly incorporated into a number of mitigation and management commitments proposed in the FEIS for the Back River Project. Volume 10 (Management Plans) and other relevant FEIS volumes should be referred to for further information.
the FEIS / Table 3.1-1 Uses of Traditional Knowledge in Sabina's Final Environmental Impact	C3-23	Natural variability was documented as part of the baseline studies and the NTKP (2012, 2014) report; this variability will be incorporated into future monitoring programs. If a valued potable water source is identified in the Project area, specific management measures would be undertaken to protect the water source.
Statement for the Back River Project	C3-24	Mitigation of archaeological sites will be determined through consultation with the Nunavut Department of Culture and Heritage and the Inuit Heritage Trust; TK may be used to help determine the mitigation requirement on a site by site basis.
	C3-25	If harvestable soapstone is identified in the PDA efforts would be made to minimize the level of disturbance.
3.2 Traditional Knowledge Sources 3.2.5 TK Study on the Bernard Harbour Arctic Char Fishery	C3-26	Sabina has committed to supporting stream restoration work in the Nulahugyuk Creek - Hingittok Lake area in order to satisfy Fisheries Act offsetting requirements for the Back River Project, while supporting the desires of the Kugluktuk HTO and the community members of Kugluktuk.
Volume 4 - Atmospheric Environment		
Specifically in Volume 10 Management Plans	C4-1	General mitigation and management measures will be followed as outlined in the Air Quality Monitoring and Management Plan and Noise Abatement Plan.
Chapter 17 Air Quality Monitoring and Management Plan Chapter 18 Noise Abatement Plan	C4-2	The operation of incinerators will comply with Nunavut standards, Canada-Wide Standards for Dioxins and Furans and Canada-Wide Standards for Mercury emissions.
1 Air Quality	C4-3	Proper equipment maintenance will take place.
1.5 Potential Project-related Effects	C4-4	Vehicle and equipment idling will be minimized when appropriate.
Assessment 1.5.3 Identification of Mitigation and	C4-5	Vehicles will be driven at designated speeds on site roads.
Management Measures 1.8 Mitigation and Adaptive Management 1.8.1.2 Best Management Practices 3 Climate and Meteorology 3.4 Supporting and Supplementary	C4-6	Windbreaks or fences around known problem areas or stockpiles will be erected to limit the dispersion of dust emissions from equipment and stockpiles, or activities likely to generate dust.
Information 3.4.3 Mitigation and Monitoring 3.4.3.2 Best Management Practices		

Section	ID#	Commitment Description
Volume 4 - Atmospheric Environment	(cont'd)	
1 Air Quality 1.8 Mitigation and Adaptive	C4-7	Equipment with low emissions that meet latest applicable Canada emissions standards and guidelines will be selected.
Management 1.8.1.2 Best Management Practices 3 Climate and Meteorology 3.4 Supporting and Supplementary Information 3.4.3 Mitigation and Monitoring 3.4.3.2 Best Management Practices	C4-8	Operation of incinerators will include the implementation of a waste segregation program (i.e., materials that are unsuitable for incineration, e.g., chlorinated plastics, will be diverted to alternate waste disposal facilities)
Noise and Vibration Solution Project-related Effects	C4-9	Meteorological monitoring will be carried out (temperature, wind speed, wind direction, relative humidity, solar radiation and rainfall).
Assessment	C4-10	Scheduled take-off and landing of aircraft will be limited to certain times of the day.
2.5.3 Identification of Mitigation and Management Measures 2.8 Mitigation and Adaptive Management 2.8.2 Best Management Practices 2 Noise and Vibration 2.8 Mitigation and Adaptive Management 2.8.4 Monitoring	C4-11	The following noise monitoring will be carried out: • dBA during an eight hour period; and • dBC during impact events.
Volume 5 - Terrestrial Environment		
3 Landforms and Soils 3.4.1.3 Implications to the Project Design Related to Terrain Conditions, in Particular Permafrost, Sensitive Landforms, High Ice- content Soils, Ice Lenses, Thaw- sensitive Slopes, and Talik Zones	C5-1	Minimize the area of impact on local landforms and soils, especially in areas where local terrain conditions indicate existence of sensitive surficial deposits, permafrost, or high ice content soils.
4 Vegetation and Special Landscape Features 4.5.3.1 Mitigation for Loss of Vegetation and Special Landscape Features; and	C5-2	Clearing of vegetation and soil from unique landscape features will be minimized to the extent possible.
4 Vegetation and Special Landscape	C5-3	All vehicles and machinery will restrict travel to designated road surfaces.
Features	C5-4	Storage areas will be kept in a condition that does not give rise to visible dust emissions.
4.5.3.2 Mitigation for Degradation of Vegetation	C5-5	Regular vehicle cleaning.

Section	ID#	Commitment Description		
Volume 5 - Terrestrial Environment (Volume 5 - Terrestrial Environment (cont'd)			
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors	C5-6	General Wildlife Mitigation Measures and Best Management Practices will be followed as detailed in the Wildlife Mitigation and Monitoring Program Plan.		
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.8.3 Adaptive Management	C5-7	The need for corrective actions to on-site management or installation of additional control measures will be determined on a case-by-case basis. Indications of the need for corrective actions and additional control measures may include: • if results from the Site Water Monitoring and Management Plan show non-compliance related to tundra discharges; or • if results from the Wildlife Mitigation and Monitoring Program Plan, which will monitor select wildlife species and habitat around the mine infrastructure and activities, show adverse effects to wildlife or wildlife habitat.		
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.1 Mitigation for Habitat Loss	C5-8	Construction of Project infrastructure will avoid, where possible, wildlife sensitive areas such as critical habitat for caribou calving and high quality habitat for foraging during post-calving, important cliff habitat for raptor nesting, eskers and denning habitat, and important waterbird staging areas.		
5 Caribou 5.5.3.2 Mitigation for Disturbance	C5-9	If it is not possible to avoid sensitive areas during construction, then pre-construction surveys will be conducted for the target wildlife species. For Caribou, locations and distribution relative to the Project will be monitored.		
	C5-10	During Construction and Operation, works will be managed (and may be halted) during sensitive periods for caribou when groups of caribou are within a prescribed distance from the activity.		
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.2 Mitigation for Disturbance	C5-11	Construction and Operational activities will be scheduled, where possible, to avoid disturbance of wildlife during sensitive periods, particularly for caribou.		
10 Raptors 10.5.3.2 Mitigation for Disturbance 10.9.1.1 Facility Specific-Monitoring	C5-12	During the Operational phase, if a raptor nest site is located within the Project footprint such as within an open pit or quarry site, then mitigation activities will be employed to remove or monitor the nest based on the progress of nest building and egg laying.		
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.6 Mitigation for Exposure to Contaminants x.9.1.1 Facilities-specific Monitoring x.8.3 Adaptive Management	C5-13	During the Operational and Closure phases, facilities monitoring will be conducted to examine if wildlife are interacting with the Project infrastructure or are present in the TSF. If wildlife is observed using the Project infrastructure, then species-appropriate actions will be taken to exclude wildlife.		

Section	ID#	Commitment Description
Volume 5 - Terrestrial Environment (cont'd)	
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors X.5.3.6 Mitigation for Exposure to Contaminants	C5-14	Employ wildlife exclusion measures if wildlife is observed to be using contaminated water or hazardous liquids.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.6 Mitigation for Attraction x.8.5 Summary Table	C5-15	Mitigation and monitoring to minimize potential wildlife attractants on site through industry-standard waste management procedures defined in the Waste Management Plan.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.1 Mitigation for Habitat Loss; and x.5.3.2 Mitigation for Disturbance	C5-16	To reduce disturbance in wildlife sensitive areas along road routes, the roads and quarries will be designed to avoid, by suitable buffers, sensitive wildlife features, and raptor nests as much as possible.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers x.5.3.4 Mitigation for Direct Mortality and Injury	C5-17	Sabina is committed to specific measures during and outside of sensitive periods and based on the size of caribou groups. All wildlife encounters, mitigation activities, and accidents with a road will be reported and follow up mitigation may be enacted if locations with higher probabilities of occurrences are located.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.2 Mitigation for Disturbance x.8.5 Summary Table for Mitigation	C5-18	To reduce disturbance to wildlife, aircraft elevation and distance from wildlife sensitive areas (e.g. nests, dens and crossings) will be managed through a pilot education and reporting system.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers,	C5-19	Management strategies to minimize human-wildlife interactions will include a policy of no feeding and no intentional attraction of wildlife.
9 Migratory Birds, 10 Raptors x.5.3.6 Mitigation for Attraction X.8.5 Summary Table of Mitigation	C5-20	A policy of no littering to commence at the start of construction and to continue throughout the life of the Project to limit littering and potential attraction of wildlife to the Project.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.5 Mitigation for Indirect Mortality x.8.5 Summary Table of Mitigation	C5-21	A policy prohibiting hunting and trapping by all Project and contractor employees throughout the life of the Project and will include reporting.

Section	ID#	Commitment Description
Volume 5 - Terrestrial Environment (cont'd)	
6 Grizzly Bear, 8 Wolverine and Furbearers x.5.3.6 Mitigation for Attraction x.8.5 Summary Table of Mitigation	C5-22	Implement a Protocol for Human-Wildlife Interaction to outline the measures taken to address problem wildlife, particularly bears, interacting with the Project.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors	C5-23	All contractors and employees working on the Project will participate in the Employee Wildlife Education program in conjunction with Project orientation. Mandatory annual refresher courses will ensure ongoing employee awareness of wildlife concerns and mitigation procedures for the Project. This program will be supported by standard operating procedures, reporting forms, information sheets, and awareness posters and signage.
5 Caribou, 6 Grizzly Bear, 7 Muskox, 8 Wolverine and Furbearers, 9 Migratory Birds, 10 Raptors x.5.3.4 Mitigation for Direct Mortality; and/or X.8.5 Summary Table of Mitigation X.9 Proposed Monitoring Programs	C5-24	A Wildlife Effects Monitoring Program (WEMP) will be developed to evaluate 1) the regional populations of VEC species, and 2) mechanisms by which wildlife may interact with the Project (i.e., the effectiveness of mitigation and management in reducing potential effects of the Project on identified wildlife VECs). A draft WEMP (Volume 10, Chapter 20) has been developed and will be enacted following approval from regulators. The WEMP will be updated as needed following changes to current standards as defined by community, scientific, or regulatory bodies.
Volume 6 - Freshwater Environment		
4 Freshwater Water Quality	C6-1	Water withdrawal rates will be controlled to avoid adverse effects on the water source waterbody.
4.5 Potential Project-Related Effects4.5.3 Identification of Mitigation and	C6-2	Water withdrawals for winter roads will be limited to 10% of the total under-ice volume. Winter and site road construction and maintenance will follow the DFO Nunavut Measures to Avoid Harm to Fish and Fish Habitat.
Management Measures 4.5.3.5 Water Use	C6-3	Quarries and borrow pits will be monitored for runoff, if noticeable flows occur it will be tested to ensure it meets discharge criteria.
4.8 Mitigation and Adaptive Management Table x.8-1 Mitigation and Adaptive Management	C6-4	Machinery will be routinely inspected for leaks and refuelling will occur, when feasible, at a designated refuelling point with drainage capture/collection installed. In the event that refuelling occurs elsewhere, drip trays will be used under vehicles and equipment.
	C6-5	Appropriate secondary containment systems will be used for petroleum product storage tanks to prevent spills and releases to water, including the prevention of diesel release from pickups carrying tidy-tanks.
	C6-6	Bulk fuel storage areas and hazardous materials storage areas will be bermed and lined with impermeable barriers to minimize leaks and spills.
	C6-7	Oily water treatment plants at equipment maintenance facilities will be used to minimize water and surface hydrocarbon compounds.

Section	ID#	Commitment Description
Volume 6 - Freshwater Environment	(cont'd)	
4 Freshwater Water Quality, 5 Freshwater Sediment Quality x.5 Potential Project-Related Effects Assessment x.5.3 Identification of Mitigation and Management Measures x.8 Mitigation and Adaptive Management Table x.8-1 Mitigation and Adaptive Management Also found in Volume 7 Marine Environment 2 Marine Water Quality, 3 Marine Sediment Quality	C6-8	Treated sewage effluent will be discharged on-land at approved sites at the Goose Property throughout Construction. Pacto systems will be used at the MLA.
4 Freshwater Water Quality, 5 Freshwater Sediment Quality x.5 Potential Project-Related Effects Assessment x.5.3 Identification of Mitigation and Management Measures; x.5.4 Characterization of Residual Effects x.8 Mitigation and Adaptive Management Table x.8-1 Mitigation and Adaptive Management	C6-9	 Efforts to limit runoff and the transport of material into the freshwater environment. Measures may include: infrastructure and waste rock storage areas will be confined to the local watersheds where the deposits are located to limit potential effects on water quality to local drainage areas; infrastructure will be located, whenever feasible, on competent bedrock or appropriate base material that will limit permeability and the transport of potentially lower quality water into the active layer and ultimately to the freshwater environment; the Project infrastructure will be designed to minimize the footprint area, such as being located near the deposits; reclamation of the landscape will occur as soon as possible to minimize erosion potential; slope texturing/grading to slow runoff and reduce effect slope lengths; installation of synthetic permeable barriers and/or fibre rolls to reduce runoff velocities and retain sediments; and check dams, gabions, and energy dissipation structures to reduce flow velocities in channels; preservation of riparian zones to trap sediment and to reduce flow velocities; and stockpiles will be located well away from watercourses.
	C6-10	Lake dewatering will be staged to seasonal flows and clean water transferred to the receiving environment will remain within 10% of base flow or water levels if possible.
	C6-11	Non-contact water will be diverted around infrastructure and directed to natural downstream drainage networks.

Section	ID#	Commitment Description
Volume 6 - Freshwater Environment ((cont'd)	
4 Freshwater Water Quality, 5 Freshwater Sediment Quality	C6-12	Lake water transferred during dewatering operations will be monitored for turbidity and TSS, and dewatering will cease once a threshold for TSS and turbidity is reached. The threshold will be based on the MMER limit for TSS.
x.5 Potential Project-Related Effects Assessment	C6-13	Necessary repairs and adjustments will be conducted as necessary to ensure water quality does not surpass site specific water quality objectives in fish-bearing receiving environments.
x.5.3 Identification of Mitigation and Management Measures	C6-14	In the Goose Property Area, site contact water (including runoff from WRSAs, ore stockpiles, and mine water) and treated sewage effluent will be directed to the tailings facilities and discharged to an approved site
x.5.4 Characterization of Residual Effects		meeting applicable water licence criteria. At the MLA, greywater will be discharged on-land at an approved site and sewage will be collected by Pactos and incinerated. Water management plans were prepared for each
x.8 Mitigation and Adaptive Management		phase of the mine life: construction, operations, closure and post-closure.
Table x.8-1 Mitigation and Adaptive Management		
x.9 Proposed Monitoring Programs x.9.1 Aquatic Effects Management Plan		
4 Freshwater Water Quality, 5 Freshwater Sediment Quality;	C6-15	An Aquatic Effects Monitoring Plan/Program will be implemented during all phases of the Project.
x.5 Potential Project-Related Effects Assessment		
x.5.3 Identification of Mitigation and Management Measures		
x.8 Mitigation and Adaptive Management		
Table x.8-1 Mitigation and Adaptive Management		
x.9 Proposed Monitoring Programs x.9.1 Aquatic Effects Management Plan		
Also in Volume 7 Marine Environment		
2 Marine Water Quality, 3 Marine Sediment Quality		
6 Freshwater Fish/Aquatic Habitat, 7 Freshwater Fish Community	C6-16	Lost fish habitat and fish mortality will be incorporated into the Fisheries Offset Plan.
x.9.2 Fish Offsetting Plan Also in Volume 7		
4 Marine Fish/Aquatic Habitat, 5 Marine Fish Community		

Section	ID#	Commitment Description
Volume 6 - Freshwater Environment	(cont'd)	
7 Freshwater Fish Community 7.5.3.1 Project Infrastructure	C6-17	Fish removal from waterbodies will follow DFO's General Fish-Out Protocol for Lakes and Impoundments in the Northwest Territories and Nunavut
Footprint	C6-18	Fishing by mine staff will be banned within all Project areas.
	C6-19	Water pump intakes will be screened in accordance with the DFO Freshwater Intake End of Pipe Screening Guideline (DFO 1995).
	C6-20	Where possible the Project will avoid encroaching on freshwater fish habitat by adhering to a 31 m setback of infrastructure from all water.
	C6-21	Explosive use in the vicinity of fish habitat will follow the Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters.
Volume 7 - Marine Environment		
2 Marine Water Quality 2.5 Potential Project-Related Effects Assessment 2.5.3 Identification of Mitigation and Management Measures 2.8 Mitigation and Adaptive Management Table x.8-1 Mitigation and Adaptive Management	C7-2	Discharge of brine water to surface water in Bathurst Inlet will meet CCME salinity guideline for the protection of marine life and will not cause the salinity of the receiving environment to fluctuate by more than 10% of the natural expected salinity.
2 Marine Water Quality, 3 Marine Sediment Quality x.5 Potential Project-Related Effects Assessment x.5.3 Identification of Mitigation and Management Measures x.5.4 Characterization of Residual Effects x.8 Mitigation and Adaptive Management Table x.8-1 Mitigation and Adaptive Management	C7-3	Adherence to guidelines for vessel discharges and anti-fouling surface treatments, which include: • Organotin compounds are prohibited for vessels in Canadian waters; • Vessels must treat sewage prior to discharge, or discharge offshore; and • Vessels travelling in international water must exchange ballast water offshore. Speed limits will be followed for vessel operations to minimize propeller wash and wake effects.

Section	ID#	Commitment Description
Volume 7 - Marine Environment (cont	'd)	
4 Marine Fish/Aquatic Habitat, 5 Marine Fish Community x.5 Potential Project-Related Effects Assessment x.5.3 Identification of Mitigation and Management Measures x.5.4 Characterization of Residual Effects x.8 Mitigation and Adaptive Management Table x.8-1 Mitigation and Adaptive Management	C7-5 C7-6	Where possible the Project will avoid encroaching on marine fish habitat by adhering to a 31 m setback. Working in water: • disposal of excavated material will be in a location above the high water mark; • minimize the duration of any in-water works; and • minimize the disturbance of riparian vegetation.
6 Marine Birds, 7 Ringed Seals x.5.3.1 Mitigation for Habitat Alteration x.8.5 Summary Table of Mitigation	C7-7	Project infrastructure designed to avoid, where possible, identified wildlife sensitive areas for marine wildlife, such as seabird and seaduck molting and staging areas and areas where ringed seal birth lairs are found.
6 Marine Birds 6.5.3.3 Mitigation for Direct Mortality and Injury 6.8.5 Summary Table of Mitigation	C7-8	The Marine Laydown Area will be monitored to ensure concentrations of seabirds and seaducks are not present in the area, and to ensure safety to aircraft.
6 Marine Birds 6.5.3.2 Mitigation for Disturbance 6.5.3.3 Mitigation for Direct Mortality and Injury 6.8.5 Summary Table of Mitigation	C7-9	Aircraft operation will avoid disturbing waterbird staging areas (e.g., the staging area located south of the MLA) as much as possible, via timing windows and buffers.
7 Ringed Seals 7.5.3.1 Mitigation for Habitat Alteration 7.8.5 Summary Table of Mitigation	C7-10	Construction and operation of the winter ice road over marine habitat outside of ringed seal pupping (mid-March through late April), nursing (mid-March through mid-June) and molting periods (mid-May through mid-July), where possible.
7 Ringed Seals 7.5.3.2 Mitigation for Disturbance 7.8.5 Summary Table for Mitigation (Vol 5. Ch.5. Caribou; 5.3.2 Valued Components)	C7-11	Open-water season shipping only (except in emergency or unforeseen circumstances) to avoid disturbance to Dolphin and Union Caribou and ringed and bearded seals during periods when caribou and seals are dependent on ice.
7 Ringed Seals 7.5.3.3 Mitigation for Mortality 7.8.5 Summary Table of Mitigation	C7-12	Pre-construction surveys conducted for ringed seals and pupping lairs prior to on-ice operations in Bathurst Inlet if construction is scheduled during the seal pupping season.

Section	ID#	Commitment Description
Volume 8 - Human Environment		
1 Archaeology 1.8 Mitigation and Adaptive Management 1.8.1 Archaeological Sites	C8-1	Mitigation for archaeological sites within 50 m of Project developments will be developed for each site in consultation with Government of Nunavut, Department of Culture and Heritage. Mitigation will include monitoring, capping, and/or systematic data recovery prior to construction.
1 Archaeology 1.8 Mitigation and Adaptive	C8-2	Archaeological sites 50 m to 150 m of Project developments may be fenced, and will be inspected periodically to ensure that they are not affected by the Project. They will be marked as no work zones on Project maps.
Management 1.8.2 Summary Table of Mitigation	C8-3	Archaeological sites 150 m to 1,000 m from Project developments will be marked as no work zones on Project maps and will be periodically inspected to ensure that they are not affected by the Project.
and Adaptive Management Measures	C8-4	A Chance Find Procedure will be in place to identify and protect unknown archaeological sites.
3 Socio-economics 3.8 Mitigation and Adaptive	C8-5	Community engagement, using a variety of methods (e.g., public and stakeholder meetings, community Advisory groups, social media, newsletters), will be implemented throughout the life of the Project.
Management 3.8.2 Community Involvement Plan	C8-6	Project updates will be provided to communities based on timely and transparent communication regarding the status of the Project and related topics.
	C8-7	Results of community research conducted for the Project on social, cultural and ecological conditions will be made publically available.
Socio-economics Socio-economics Socio-economics Socio-economics Socio-economics Socio-economics Socio-economics Socio-economics	C8-8	Information related to employment and contracting opportunities will be made accessible to local Inuit as described in the Community Involvement Plan and supported by a Human Resources Plan and Business Development Plan.
3.5.4 Identification of Mitigation and Adaptive Management	C8-9	A Procurement Strategy will be implemented to facilitate regional business involvement, including providing first opportunity to regional businesses, where competitive.
3.8 Mitigation and Adaptive Management 3.8.3 Human Resources Plan	C8-10	A Labour Relations Strategy will be implemented to maximize and retain local Inuit employment. The Labour Relations Strategy details skills and entrance requirements, employee benefits, employee communication, work rotation schedules, and employee orientation programs.
	C8-11	An Employee and Family Assistance Program will be developed and implemented based on needs identified during community research.
	C8-12	An Inuit Employment and Training Coordinator will be hired to act as liaison for Inuit employees.
	C8-13	A Preferential Recruitment Strategy will be implemented to maximize the engagement of Kitikmeot Inuit in the Project workforce.
	C8-14	A Workforce Training Strategy will be implemented to enhance education and skill levels of the regional workforce.
	C8-15	A Workforce Transition Strategy will be implemented to enhance the ability of Project employees to transition to other employment following completion of Project activities.

Section	ID#	Commitment Description
Volume 8 - Human Environment (cont	:'d)	
3 Socio-economics 3.5 Potential Project-related Effects	C8-16	A Local Business and Entrepreneur Capacity Building Strategy will be implemented to maximize the number of Inuit firms engaged with the Project and enhance the capacity of those firms.
Assessment 3.5.4 Identification of Mitigation and Adaptive Management 3.8 Mitigation and Adaptive Management 3.8.1 Business Development Plan	C8-17	Funding for community initiatives will be made available and community-based contributions provided based on demand and where appropriate and feasible. Community-based Investments for Business Development will be focused to increase the capacity of local businesses to broadly meet the demands associated with an increase in economic activity.
3 Socio-economics 3.9 Socio-economic Monitoring	C8-18	A Socio-economic Monitoring Program will be implemented and annual monitoring reports prepared to gauge any changes to valued components linked to the Project in the FEIS.
Program	C8-19	Socio-economic monitoring results may be reported to NIRB and a Back River Project Socio-economic Monitoring Committee (SEMC), as well as to the Kitikmeot Region SEMC, to inform the identification, evaluation and, ultimately, a management response to social and economic changes in communities, as and where appropriate.
3 Socio-economics 3.9 Socio-economic Monitoring Program 3.8 Mitigation and Adaptive Management Table 3.8-1 Summary Table of Mitigation and Adaptive Management	C8-20	Implement an adaptive management approach by developing sound management plans with the best information available prior to project mobilization and construction, monitor their implementation and adapt the plans as required.
Volume 9 - Methodology, Effects of E	nvironment	on Project, Accidents and Malfunctions
Mitigating potential effects of the Environment on the Project	C9-1	 Sabina will commit to the following measures to ensure the viability and integrity of permafrost include: Embankment construction will be employed (i.e. no cuts into permafrost) where road alignment crosses overburden soils to avoid disturbing sensitive soils and surface vegetation; If excavation is required, natural materials will be over excavated and backfilled with an insulating cover of thaw stable granular fill materials of a minimum thickness to protect against thaw and instability in the underlying permafrost; Design embankments with minimum fill thickness for thermal protection and implement flatter slopes in problem areas; On-going inspections and maintenance; If necessary for stability, ice-rich slopes will be protected with thermal and erosion barrier (e.g. rock cover). Excavations in overburden materials and disturbance of natural ground will be avoided where feasible; Runoff and sediment control measures; and Maintain grading and drainage from borrow areas and roads.

Note: References are available in the main list of references for Volume 1 of the FEIS.

BACK RIVER PROJECT

Final Environmental Impact Statement Main Volume

Appendix V1-7

FEIS Document Index



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	Document Structure Figure	Overview of the EIS document structure
	Project Fact Sheet	Overview of the Project components
	Revision Log	Description of Major Revisions made to Volume 1 from the DEIS to the FEIS
	Plain Language Summary	Non-technical summary of the EIS in English, Inuktitut, and Inuinnaqtun
	Executive Summary	Technical summary of the EIS in English, Inuktitut, and Inuinnaqtun
	Glossary	Definition of terms used in the EIS in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in the EIS
1	Introduction	Introduction to the Back River Project
2	Public Consultation and Engagement and Government Engagement	Overview of outreach and engagement with communities and organizations
3	Project Description	Summary description of the Project components
4	Traditional Knowledge	Overview of the approach to traditional knowledge, and methods used to collect and interpret it
5	Existing Environment and Baseline Information	Description of the existing biophysical and socio-economic environment
6	Potential Effects Assessment	Summary of the Project-related effects assessment
7	Mitigation and Adaptive Management	Overview of mitigation and adaptive management measures
8	Potential Cumulative Effects Assessment	Summary of the cumulative effects assessment
9	Reclamation and Closure	Summary of reclamation and closure timelines, goals, and activities
10	Monitoring and Management Plans	Summary of monitoring and management plans
11	Summary of Commitments	Summary of Project commitments
12	Conclusions	Project conclusions
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	V1-4	List of Consultants Contributing to the FEIS
	V1-5	List of Agencies, Organizations, and Persons for FEIS Distribution
	V1-6	Commitments Table
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	Project Fact Sheet	Overview of the Project components
	Revision Log	Description of Major Revisions made to Volume 2 from the DEIS to the FEIS
	Executive Summary	Technical summary of Volume 2 in English, Inuktitut, and Inuinnaqtun
	Preamble - Structure of Volume 2	Provides Project background and description of volume structure
	Acronyms and Abbreviations	List of terminology used in Volume 2
1	Introduction	Information on the Proponent, Project location, land tenure, and current exploration activities at the Goose Property
2	Project Components and Activities	Overview of the Project design considerations, development phases, duration, and permitting requirements
3	Future Development	Discussion of the potential for ongoing and future development at the Goose Property
4	Alternatives	Presentation of alternatives considered for the development of the Back River Project
5	Economic and Operating Environment	Discussion of the economic operating environment as per the requirements of section 6.5 of the NIRB guidelines for the development of the EIS
6	Detailed Project Description - Construction	Description of all project components and infrastructure that will be constructed at the onset of the project development and remain operational for the life of the Project
7	Detailed Project Description - Operations	Description of the operation phase of the mine sites
8	Detailed Project Description - Reclamation and Closure	Presentation of the preliminary closure plan for all Project components and sites
9	Detailed Project Description - Environmental Management	Overview of monitoring and/or mitigation plans associated with each development phase
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	V2-4B	Marine Laydown Area Location
	V2-4C	Summary Results from Select Alternative Assessments
	V2-6A	Logistics and Transportation Memo
	V2-7A	Hydrogeological Characterization and Modeling Report
	V2-7B	Hydrology Report
	V2-7C	Site-Wide Geotechnical Properties Report
	V2-7D	Geochemical Characterization Report
	V2-7E	Waste Rock Storage Area Design Report
	V2-7F	Mineral Processing Memo

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Volume 3 - Publi	c Consultation, Government Engagement, and Trac	ditional Knowledge
	Document Structure Figure	Overview of the EIS document structure
	Project Fact Sheet	Overview of the Project components
	Revision Log	Description of Major Revisions made to Volume 3 from the DEIS to the FEIS
	Executive Summary	Technical summary of Volume 3 in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in Volume 3
1	Public Consultation and Engagement	Methods and results of Sabina's public consultation and engagement program
2	Government Engagement	Methods and results of Sabina's Federal and Territorial government engagement
3	Traditional Knowledge	Presentation of existing Traditional Knowledge collection and use
Appendices	V3-1A	Record of Meetings with Community and Stakeholder Groups
	V3-1B	Record of Attempted Meetings with Community and Stakeholder Groups
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	V3-1F	Record of Donations
	V3-1G	Summary of Topics Raised during Public Consultation and Engagement
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	V3-3B	Naonaiyaotit Traditional Knowledge Project, Hannigayok (Sabina Gold & Silver Corp. Proposed Back River Project), Results from Data Gaps Workshops, Final Report (June 2014)
	V3-3C	Existing and Publically Available Traditional Knowledge from Aboriginal Groups in the Northwest Territories
	V3-3D	Traditional Knowledge Study Report on the Arctic Char Fishery in the Nulahugyuk Creek - Hingittok Lake Area (Bernard Harbour), Nunavut

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	Revision Log	Description of Major Revisions made to Volume 4 from the DEIS to the FEIS
	Executive Summary	Technical summary of Volume 4 in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in Volume 4
1	Air Quality	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
2	Noise and Vibration	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
3	Climate and Meteorology	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
Appendices	V4-1A	Back River Project: 2011 to 2013 Air Quality Baseline Report
	V4-1B	Back River Project: Air Quality Modelling Report: Goose Property
	V4-1C	Air Quality Modelling Report: MLA
	V4-2A	Back River Project: 2012 Noise Baseline Report
	V4-2B	Back River Project: Noise and Vibration Modelling Report
	V4-2C	Marine Laydown Area Qualitative Noise Assessment
	V4-3A	Back River Project: 2004 to 2014 Meteorological Baseline Report
	V4-3B	Climate Change Predictions - Model Variation
	V4-3C	Climate Change Approach Report
Volume 5 - Terrest	rial Environment	
	Document Structure Figure	Overview of the EIS document structure
	Project Fact Sheet	Overview of the Project components
	Revision Log	Description of Major Revisions made to Volume 5 from the DEIS to the FEIS
	Executive Summary	Technical summary of Volume 5 in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in Volume 5

Chapter	Title	Contents
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1	Geology	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
2	Permafrost	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
3	Landforms and Soils	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
4	Vegetation and Special Landscape Features	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
5	Caribou	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
6	Grizzly Bear	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
7	Muskox	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
8	Wolverine and Furbearers	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
9	Migratory Birds	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
10	Raptors	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
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	V5-5H	Back River Project: 2015 Wildlife Camera Baseline Report
	V5-6A	Back River Project: Grizzly Bear and Wolverine DNA Report, 2012
	V5-6B	Back River Project: Grizzly Bear and Wolverine DNA Report, 2013
Volume 6 - Freshw	ater Environment	
	Document Structure Figure	Overview of the EIS document structure
	Project Fact Sheet	Overview of the Project components
	Revision Log	Description of Major Revisions made to Volume 6 from the DEIS to the FEIS
	Executive Summary	Technical summary of Volume 6 in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in Volume 6
1	Surface Hydrology	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
2	Groundwater	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
3	Limnology and Bathymetry	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
4	Freshwater Water Quality	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
5	Freshwater Sediment Quality	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)

Chapter	Title	Contents
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6	Freshwater Fish/Aquatic Habitat	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
7	Freshwater Fish Community	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
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	V6-1F	Effects of Proposed Water Withdrawal on Hydrologic Indices of Big Lake
	V6-2A	Analytical Results of the Umwelt Westbay Groundwater Sampling Program
	V6-2B	Completion Report, Westbay System Monitoring Well: 13-GSE-319
	V6-2C	2012 Geotechnical and Hydrogeological Drilling Program Factual Data Report
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	Executive Summary	Technical summary of Volume 7 in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in Volume 7
1	Physical Processes	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
2	Marine Water Quality	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
3	Marine Sediment Quality	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
4	Marine Fish/Aquatic Habitat	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
5	Marine Fish Community	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
6	Seabirds and Seaducks	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
7	Ringed Seals	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
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	V7-2A	Back River Project: 2013 Marine Baseline Report
	V7-4A	Back River Project: 2012 Marine Fish and Fish Habitat Baseline Report
	V7-4B	Back River Project: 2013 Marine Fish and Fish Habitat Baseline Report
	V7-6A	Shipping Sensitivity Report

Chapter	Title	Contents
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	Revision Log	Description of Major Revisions made to Volume 8 from the DEIS to the FEIS
	Executive Summary	Technical summary of Volume 8 in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in Volume 8
1	Archaeology	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
2	Paleontology	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
3	Socio-economics	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
4	Land Use	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
5	Country Foods	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and residual and cumulative impact assessments (including transboundary effects)
6	Human Health and Environmental Risk Assessment	Presentation of existing environment and baseline information, incorporation of traditional knowledge, and additional required information for the EIS guidelines
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	V8-1B	Back River Project: Cumulative Heritage Baseline Report 2013
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	Executive Summary	Technical summary of Volume 9 in English, Inuktitut, and Inuinnaqtun
	Acronyms and Abbreviations	List of terminology used in Volume 9
1	Methodology for Effects Assessment	Description of the methodology for the project effects assessment
2	Effects of the Environment on Project Design	Summary of the Project's effects on the environment.
3	Accidents and Malfunctions	Mitigation measures and risk assessment for potential accidents and malfunctions
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2	Environmental Protection Plan	Details on the Environmental Protection Plan
3	Risk Management and Emergency Response Plan	Details on the Risk Management and Emergency Response Plan
4	Fuel Management Plan	Details on the Fuel Management Plan
5	Spill Contingency Plan	Details on the Spill Contingency Plan
6	Oil Pollution Emergency Plan	Details on the Oil Pollution Emergency Plan
7	Site Water Monitoring and Management Plan	Details Site Water Monitoring and Management Plan
8	Ore Storage Management Plan	Details on the Ore Storage Management Plan
9	Mine Waste Rock Management Plan	Details on the Mine Waste Rock and Tailings Management Plan
10	Waste Management Plan	Details on the Landfill and Waste Management Plan
11	Incineration Management Plan	Details on the Incineration Management Plan

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13	Explosives Management Plan	Details on the Explosives Management Plan						
14	Road Management Plan	Details on the Road Management Plan						
15	Shipping Management Plan	Details on the Shipping Management Plan						
16	Borrow Pits and Quarry Management Plan	Details on the Borrow Pits and Quarry Management Plan						
17	Air Quality Monitoring and Management Plan	Details on the Air Quality Monitoring and Management Plan						
18	Noise Abatement Plan	Details on the Noise Abatement Plan						
19	Aquatic Effects Management Plan	Details on the Aquatic Effects Management Plan						
20	Wildlife Mitigation and Monitoring Plan	Details on the Wildlife Mitigation and Monitoring Plan						
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29	Mine Closure and Reclamation Plan	Details on the Mine Closure and Reclamation Plan						

BACK RIVER PROJECT

Final Environmental Impact Statement Main Volume

Appendix V1-8

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BACK RIVER PROJECT

FINAL ENVIRONMENTAL IMPACT STATEMENT Appendix V1-8. FEIS Complete Table of Contents

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