

NIRB DEIS Conformity Determination Review Table

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
Guiding Principles	2.1	NIRB's Impact Review Principals	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.	Yes	
			Socio-economic issues, such as the Project's potential 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.	Yes	
			An understanding of past and potential future environmental, economic, and social trends in the Kivalliq Region of Nunavut, 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.	Yes	
			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 Nunavut Settlement Area.	Partially	See 7.12-transboundary impacts
	2.2	Public participation and engagement	In preparing its EIS, the Proponent is required to engage potentially affected communities, residents, Inuit Organizations, Aboriginal groups, other governments or other organizations, including where relevant, adjacent jurisdictions outside of the Nunavut Settlement Area.	Yes	
			Another objective of the NIRB Review process is to involve potentially affected Nunavummiut to address concerns regarding any changes that the Project may cause in the environment and the resulting effects of any such changes on the traditional and contemporary use of land/ice and resources. The Proponent must ensure that Nunavummiut have the information that they require in respect to the Project and on how the Project may impact them.	Yes	
			The NIRB Review process requires the development of a public participation and an 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.	Yes	
			The Proponent must provide the highlights of any public engagement within the EIS, including the methods used, the results, and the ways in which the Proponent intends to address the concerns identified	Yes	
	2.3	Traditional Knowledge	The Proponent must incorporate into the EIS the TK to which it has access or that it may reasonably be expected to acquire through appropriate due diligence, in keeping with appropriate ethical standards and without breaching obligations of confidentiality.	Yes	
	2.4	Precautionary Principles	Demonstrate that the proposed Project are 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;	Potentially	Did not see clear discussion throughout EIS document
			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;	Potentially	General information found throughout EIS document
			Identify any follow-up and monitoring activities planned, particularly in areas where scientific uncertainty exists in the prediction of effects; and	Yes	
	2.5	Sustainable development	Present public views on the acceptability of these effects.	Potentially	Did not see clear discussion
			The EIS should clearly demonstrate how the Project meets the preservation of ecosystem integrity, including the capability of natural systems (local and regional) to maintain their structure and functions and to support biological diversity;	Yes	Only one page provided that describes sustainability
			The EIS should clearly demonstrate how the Project meets the respect for intergenerational equity. That is, the right of future generations to the sustainable use of renewable and non-renewable resources depends on our commitment to those resources today; and	Yes	Only one page provided that describes sustainability
			The EIS should clearly demonstrate how the Project meets the attainment of durable social and economic benefits, particularly in Nunavut.	Yes	Only one page provided that describes sustainability
			Project description, including the purpose and need for the Project;	Yes	
			Anticipated ecosystemic and socio-economic impacts of the Project;	Yes	
			Anticipated effects of the environment on the Project;	Yes	

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Scope of the NIRB's Assessment	3.1	NLCA – Sections 12.5.2 and 12.5.5	Steps which the Proponent proposes to take including any contingency plans, to avoid and mitigate adverse impacts;	Potentially	
			Steps which the Proponent proposes to take to optimize benefits of the Project, with specific consideration being given to expressed community and regional preferences as to benefits;	Yes	
			Steps which the Proponent proposes to take to compensate interests adversely affected by the Project;	Yes	
			The monitoring program that the Proponent proposes to establish with respect to ecosystemic and socio-economic impacts;	Partially	Missing EPP
			The interests in land and waters which the Proponent has secured, or seeks to secure;	Yes	
			Options for implementing the proposal;	Yes	
			Any other matters that NIRB considers relevant.	Yes	
			Whether the project would enhance and protect the existing and future well-being of the residents and communities of the Nunavut Settlement Area, taking into account the interests of other Canadians;	Yes	
			Whether the project would unduly prejudice the ecosystemic integrity of the Nunavut Settlement Area;	No	No summary or value statements of overall effect to NSA provided.
			Whether the proposal reflects the priorities and values of the residents of the Nunavut Settlement Area;	Yes	General discussion provided on NPC determination as well as outlining RIA support.
			Steps which the proponent proposed to take to avoid and mitigate adverse impacts;	Yes	
			Steps which the Proponent proposes to take, or that should be taken, to compensate interests adversely affected by the project;	Yes	
			Posting of performance bonds;	No	No information found
			The monitoring program that the Proponent proposes to establish, or that should be established for ecosystemic and socio-economic impacts; and	Yes	
			Steps which the Proponent proposes to take, or that should be taken, to restore ecosystemic integrity following project abandonment.	Yes	
	4.1	Presentation	The Proponent shall provide an EIS that is complete and provide sufficient information to identify, describe and determine the significance of potential impacts on the ecosystemic and socio-economic environments that could arise from the Project. The EIS should include scientific works, subject-specific studies and all other sources of information covering all aspects of the Project in regards to ecosystemic and socio-economic perspectives.	Partially	Information provided, but can not determine at this time if complete or sufficient
				Moderately accomplished	Some sections follow the same outline as the EIS Guidelines, while others did not and no statement was provided regarding why the deviation from EIS guidelines. In addition, found some repetition of graphs and maps throughout document. Several maps could have been reformatted to fit onto 8.5x11 size sheets. Figures were missing details or information. Some appendices had incorrect references to tables or were missing. Some references referred to in documents were missing.
			For clarity and ease of reference, the EIS should be presented in the same order as the EIS Guidelines. However, the NIRB recognizes that flexibility in the arrangement of the document may be required and the Proponent is encouraged to use its judgment and best practices in designing a document that is arranged and formatted to facilitate ease of reviewing while ensuring that all the information requested in these guidelines are provided. In the interest of brevity, the EIS should make reference to, rather than repeat, information that has already been presented in other sections of the document.	No	None provided
			A key subject index is recommended and should reference locations in the text by volume, section, sub-section and page.	Yes	
			The EIS shall be made available to the NIRB electronically on searchable CD-ROM, and also in hard copy	Yes	

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Presentation of the Environmental Impact Statement	4.2	Conformity	the EIS shall contain a concordance table directing reviewers to the location (document, section, and page number) where specific information addressing the Guidelines and the NIRB's Minimum EIS Requirements may be found.	Partially	Concordance table provided difficult to follow. No references cited for sections prior to 4.6 and none provided for 9.7. No section and page number provided making it difficult to find relevant information.
			It is possible that the EIS Guidelines include matters that, in the judgement of the Proponent, are not relevant or significant to the Project. If that definition of such matters results in omissions from the EIS, they must be clearly indicated, 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 <i>Guide 7</i> and the EIS Guidelines issued under NLCA Section 12.5.2, it may require the Proponent to provide the additional information. The Proponent is advised to consult with the NIRB on any issues within these Guidelines on which it plans significant deviation.	Yes	
	4.3	Length	the Proponent's EIS Main Document (<i>i.e.</i> , Volume I) shall be concise and not exceed 150 pages without permission from the NIRB. The 150 page limit shall not include: the Title Page, Executive Summary, Popular Summary, Glossary, Table of Contents, Concordance Table, Consultants and Organizations and References.	Yes	
			any data of a detailed nature shall be contained in separate volumes as appendices and technical reports submitted in supporting documents of the main document. The Proponent must submit a list of all documents and supporting maps and tables for reference	Yes	
	4.4	Format	The EIS shall be double-spaced, and its sections numbered.	Yes	
			the digital EIS document shall be fully indexed and searchable using keywords:	Partially	No index provided
			Cover sheet with project description;	No	Project overview found in introduction, but no cover sheet
			Executive summary (in English and Inuktitut);	Yes	
			Plain language summary/popular summary (in English and Inuktitut);	Yes	
			Glossary (in English and Inuktitut);	Misplaced	Located in Tab 10 of the Executive Summary Inuktitut; other glossaries found in several of the Tier 2 volumes. Some Tier 2 volumes contained acronyms as well.
			Table of Contents;	Yes	
			Concordance table which lists each of the Guideline requirement and location within the EIS;	Yes	
			Purpose of and need for the Project;	Yes	Some sections stated too broadly, and Section 9.7 Follow-Up not filled out.
			Detailed Project description including potential future development;	Yes	
			Alternatives considered in the development of the Project proposal;	Yes	Referred to appendix 2A for alternative analysis-no summary provided in main EIS
			Discussion of the public consultation initiatives with the communities potentially affected by the Project. Provide the results of the public consultation, as well as, evidence that community concerns were addressed in the planning of the Project activities;	Yes	
			Baseline information and studies of the existing ecosystem and socio-economic environment;	Yes	
			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);	Moderately accomplished	Vol 1 provides a very general definition and does not list specifics. Some discussion in Vol 3 for VEC and Vol 9 for VSEC
			Anticipated effects of the environment on the Project;	Yes	

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Guidance			Anticipated cumulative effects of the Project on the region/regions;	Yes	
			Anticipated transboundary effects;	Yes	
			Anticipated accidents and malfunctions, and potential effects on the environment; include contingency plans and mitigation measures;	Yes	
			Steps which the Proponent proposes to take to avoid and mitigate adverse impacts, including contingency plans (spills, fires, floods, etc.) and adaptive management;	Yes	
			Statement of residual impacts and significance;	Yes	
			Steps which the Proponent intends to undertake in order to restore the area affected by the Project activities during operation and upon project closure and abandonment;	Yes	Reference to this in Proponent's conformity table missing. Volume 2R?
			Steps which the Proponent proposes to take to optimize benefits of the Project, with specific consideration being given to expressed community and regional interests;	Yes	General discussion regarding benefits to Inuit organizations
			The monitoring program that the Proponent proposes to establish ;	Yes	
			The interests in lands and waters which the Proponent has secured, or seeks to secure;	Yes	
			List of permits, licenses and authorizations required to undertake the Project proposal;	Yes	
			List of consultants or individuals who assisted in preparation of the EIS;	Yes	
			List of agencies, organizations, and persons to whom copies of the EIS will be sent;	Yes	
			Index; and	No	No index provided
			Supporting documentation and appendices, including a commitments table that summarizes the proposed mitigation and other company commitments with cross reference to environmental issues or potential impacts.	Yes	some issues with lack of cross referencing
	4.5	Data presentation	The Proponent shall provide charts, diagrams, aerial and other photographs, and maps (including ownership of lands) wherever appropriate and useful to clarify the text. Specifically, the Proponent shall include maps or diagrams showing all project related infrastructure and/or activities (e.g., camp sites, drilling activities, dock site and mine site, transportation routes including ground transport, marine shipping and air transport, borrow pits and quarry sites).	Partially	No map referencing IOL vs Crown land tenure
			Maps be of a reasonable scale and where feasible, maps shall be of a common scale and projection to facilitate comparisons.	Yes	Some maps of poor quality and difficult to compare as they are not of common scale
			All charts, diagrams, photographs, and maps must be clearly referenced in the text of the EIS, especially where these charts, diagrams, photographs and maps are included in a separate volume to the main EIS document	Partially	References are not clear in certain sections of the text of the EIS, e.g. Figure 2.1-2 Sissons is labelled wrong; should be and is referenced as 2.1-3
	4.6.1	Executive Summaries (in English 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 separate document.	Yes	Most of the subsection summaries not present in the Inuktitut binder, just the overall section summaries
	4.6.2	Popular Summary (in English and Inuktitut)	The Popular Summary shall have the same general structure and objectives as the Executive Summary, but it shall be written in non-technical language and shall 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 route(s) and the potentially affected communities should be included, and presented in English and Inuktitut. The Popular Summary shall form part of the EIS, but it shall also be made available as a separate document.	Not complete	Not complete. Has no maps or references to maps, glossary, and uses unsupported acronyms

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	4.7	Translation	In addition to the Executive Summary, Popular Summary and Glossary, being presented in English and Inuktitut within the EIS, the summary for each thematic volume shall also be translated into Inuktitut. Maps shall indicate common and accepted place-names usually referred to by the local populations in their own language, in addition to their official toponyms, especially where traditional Inuit place-names have been made official through the process outlined in Section 33.9 of the NLCA.	Not complete	Missing material. Translated volume (Volume 11?) has the following missing: Tab 1 both Executive and Popular summaries marked as Executive Summary in footer, Tab 5 empty, Tab 10 should be Accidents and Malfunctions but is really errand glossary. In addition, this translated volume (Volume 11?) is not referred to in the main EIS document.
Introduction of Proponent	5.1	Proponent Introduction	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. It shall specify the mechanisms used to ensure that corporate policies are respected. It shall present its environmental policy and shall specify whether and how it applies to all businesses for which it has an operating responsibility, to employees, to contractors, to subcontractors and to suppliers. It shall also describe its reporting systems. Furthermore, the Proponent shall provide complete contact information, including telephone and fax numbers, postal and email addresses, and shall include, where necessary, separate addresses for corporate and operations (or other relevant) offices.	Yes	
			The Proponent shall describe its past and/or present experience in exploration, mining (open-pit and underground), transportation networks involving air shipping, marine shipping, winter and all-weather road components and transportation of radioactive materials.	Yes	
			Its record of compliance with governmental policies and regulations pertaining to environmental and socio-economic issues in past operations;	Yes	
			Operation safety, major accidents, spills and emergencies, and corresponding responses;	Yes	
			Its record in honouring commitments on environmental and socio-economic matters in the event of planned or premature mine closure, whether temporary or permanent, or due to change of ownership;	Yes	
			Relations with Aboriginal peoples, including prior experience with any Impact and Benefits Agreements if appropriate;	Yes	
			Operations in Arctic and Sub-arctic regions;	Yes	
			Its record in incorporating environmental and socio-economic considerations into construction, operations, maintenance, temporary closure (care & maintenance), final closure (decommission & reclamation), and post-closure; and	Yes	
			Corrective actions undertaken in the past, distinguishing between those taken voluntarily and those taken at the insistence of a third party.	Yes	
			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. 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.	Yes	
			If the Proponent does not have prior experience in exploration, mining, or transportation networks, particularly for this region, discussion should include how the experience will be obtained (e.g., other northern mines) and it shall explain the safeguards that it intends to put in place to compensate for that lack.	Yes	
	5.2	Regulatory Regime	The Proponent shall present its understanding of the regulatory regime in which it would be operating 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.	Yes	
			This section should also explain how the requirements would be met and what specific governmental permits and approvals would be required.	Yes	

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Intro			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.	Yes	
			The Proponent should also include a discussion of any steps it proposes to take to ensure it meets its Project related tax obligations (including fuel and payroll taxes) with the Government of Nunavut (GN).	Potentially	No information provided
			The Proponent should, if applicable, also provide any relevant non-confidential information regarding its relationship with the GN in terms of the optional fuel-rebate program.	Potentially	No information provided
	5.3	Regional Context	The Proponent shall describe in general terms the regional biophysical and socio-economic environments of the Kivalliq 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.	Yes	
	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.	Partially	No map provided, only outlined in detailed table. Volume 2 outlines IOL for camp and mine. None found for proposed roads. Map only shows lease boundaries and IOL surface and subsurface areas - no map showing Crown land for either the Kiggavik site or road.
	5.5	Analysis of Need and Purpose	It shall further describe those areas by providing such information as file numbers, start and end dates, fees, name of right holder, renewals, etc.	Yes	
			General feasibility from an economic perspective, including how this Project will benefit communities in Nunavut, either directly or indirectly;	Yes	
			An assessment of the longer term strategic implications of the Project, and how it may affect or lend to transportation networks (existing and proposed) in Nunavut;	Yes	
			Identification of past, current and potential future users of the LSA, RSA, and project infrastructure, including commercial, government, public, and private; and	Yes	
			An analysis of 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.	Yes	General issues discussed in Volume 1
			Discussions addressing the above (4) 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.	Yes	General issues discussed in Volume 1
			This analysis should also indicate the distribution and magnitude of benefits and/or losses to specific socio-economic groups in the relevant study area.	Yes	
	6.1	Project Design	An explanation of how the biophysical environment has influenced the design of the Project. This should include consideration of relevant geographical, geological, meteorological, hydrological, and oceanographic conditions. This discussion should also include current land use activities;	Potentially	Vol 2-Provided a list of items considered in the design. Only discussed land use
			A discussion on global climate change that must describe and assess, on the basis of current knowledge, how the potential of climate change could affect permafrost and soils with high ice content, the hydrological regime, the groundwater regime, as well as marine ice flow regimes, and the long-term impacts of such changes on the Project. In addition, the Proponent shall identify the Project sensitivity to changes in specific climate-related parameters	Yes	Vol 6 - could not find discussion on assessment only assumptions. No discussion on long-term impacts. Vol10 - provided summary of affects and impacts
			The Proponent should design and apply multiple scenarios on impacts assessment, where these scenarios span the range of possible future climates, rather than designing and applying a single "best guess" scenario (2007). It is recommended that the range of future climates considered by the Proponent include scenarios used in the Arctic Climate Impact Assessment report (ACIA, 2005) as well as those in the relevant Intergovernmental Panel on Climate Change assessments for polar regions (IPCC, 2007);	Yes	
			A discussion of how design, engineering, and management plans will maintain/enhance the existing eco-systemic integrity, focusing on various wildlife habitats, including freshwater habitat, marine habitat, and terrestrial habitat;	Yes	General framework provided
			A discussion of how design, engineering, management and monitoring plans will minimize radiation exposure of the environment generally and to caribou specifically;	Yes	

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			A discussion of how the Proponent has applied the precautionary principle in its Project planning, design and management;	Yes	
			A discussion of how potential radiation doses to workers and the public under both normal operations and potential accident and malfunction situations have influenced the design of the Project;	Yes	
			How potential impacts to wildlife (e.g., caribou and peregrine falcons) have influenced the design of the Project especially indicating methods to minimize impacts to wildlife, including the geographical location of project components. Special attention should be paid to the influence of peregrine falcon habitat on the selection of landfarms, borrow pits and quarry sites;	Yes	
			How regional socio-economic conditions have influenced the Project design. For example, how local preferences and labour capacity, have influenced the design of work rotations, pace of construction, employment policy, etc.	Yes	
			How project design, particularly project infrastructure and site preparation, has been influenced by the distribution of archaeological resources and sites used for harvesting of wildlife and quarrying of soapstone;	Yes	
			How public consultation and TK have influenced the planning and design of the Project; and	Yes	
			The considerations for future development.	Yes	
	6.2	Project Phases	The Proponent is required to present an overall development plan which describes the Project development phases (site preparation, construction, operation, maintenance, any potential modifications, temporary closure (care & maintenance), final closure (decommission & reclamation) and post-closure), relevant timeframes, works and undertakings associated with each phase.	Yes	
			The plan must also include consideration for temporary closure, or care and maintenance in the possibility that operations come to an unforeseen pause.	Yes	Temporary closure plan to be developed-only summary provided
			The Proponent should also clarify all associated monitoring and/or mitigation plans to be implemented in each phase to eliminate or minimize adverse effects that might occur at various project stages for each Project element.	Yes	
	6.3	Future Development	The Proponent shall evaluate any foreseeable expansions of the current Project, the needs of required infrastructure, and associated eco-systematic and socio-economic impacts. The Proponent shall also evaluate the potential for development of additional ore deposits in the Project area in accordance with previous and current exploration activities. Such an evaluation should be based on the Proponent's business strategic plan for the Project, other predictions and the development realized by projects of a similar nature.	Yes	
			the Proponent shall discuss how any foreseeable future development scenarios have been taken into consideration when designing the infrastructure and ancillary utilities for the Project.	Yes	No discussion found
			The Proponent's assessment of cumulative impacts of the Project shall also include the future development scenarios as outlined above.	Yes	Vol 1B-information provided but impacts not discussed
			The EIS shall include an explicit analysis of all alternative means of carrying out the Project components, 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).	Yes	
			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 costs and the environmental, social and economic impacts and benefits.		
			The Proponent must include reasons for selection of the Project as the preferred alternative, and the reasons for rejection of other alternatives.	Yes	
			Through the course of its alternative assessment, if the preferred alternative 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.	n/a	
			The EIS shall present alternatives for all Project components with a focus on the following project elements:	n/a	
			§ Transportation of uranium concentrate (or more commonly known as yellowcake) from the Kiggavik site, including a "no road development" option;	Yes	
			§ The location of the Baker Lake Dock and Storage Facility;	Yes	
			§ The access road from Baker Lake to the Kiggavik site including the winter road option and the all-weather road option with routing options and road use after decommissioning;	Yes	

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	6.4	Alternatives	§ Accessing the uranium ore deposit under the northern edge of Andrew Lake;	Yes	Discussed as dewatering alternatives
			§ The marine shipping route, including different marine shipping options for bringing in supplies to the Kiggavik site via the port of Churchill or via Chesterfield inlet and provide an estimate of cost variance for these alternate systems. In addition, the evaluation of alternatives shall include a comparison of the economic and social benefits for marine trans-shipment via Churchill vs. trans-shipment via Chesterfield Inlet;	Partially	Cost evaluation provided but not specific to Churchill or Chesterfield. Social evaluation provided but not specifics
			§ Diesel power generation, including solar energy, wind energy, hydro and geothermal energy, etc.;	Partially	No discussion on solar energy, hydro and geothermal energy or reasons for not looking at it
			§ Closure and reclamation options;	Yes	
			§ Mine waste management;	No	Vol 2A-"waste management plans are based on operational experience, the best methods are known and an alternative assessment has therefore not been undertaken"
			§ Tailings and waste rock storage alternatives;	Yes	
			§ Methods for treatment of mill and waste water effluent; and	Yes	
			§ Methods for mine de-watering.	Yes	Only discussed Andrew Lake dewatering
			When the Proponent assesses the economic viability for each alternative option, due consideration must be given to the vulnerability of the arctic ecosystem, as well as the potential for extension of the mine life and/or increased uranium ore production rates. 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. It should also include radiological doses to workers and the public.	Yes	
			Also, the associated cumulative effects of each option should be discussed, in accordance with the requirements of Section 7.11 , particularly the potential for cumulative impacts on the marine ecosystem and other traditional harvesting activities. In addition to CEA, alternatives assessment shall also include the following aspects: baseline data, VECs and VSECs, and assessment boundaries.	No	discussed cumulative marine transport
	6.5	Economic and Employment Information	public opinions and preferences shall also be taken into consideration as a criterion in the assessment all the alternative options. Therefore, the alternative analyses shall include a discussion on how public consultations by the Proponent have influenced the Project planning, and how public preferences have been considered by the Proponent in determining the preferred project alternatives.	Yes	
			the EIS shall include a description on the economic and employment aspects of the Project, including	Yes	
			§ Capital costs, estimated operating costs, and the total expected revenues (current market values);	Yes	
			§ The number of person years of work, broken down by life cycle stage;	Yes	
			§ The number and types of jobs and required skills (using a recognized classification system) including training requirements for each position;	Yes	Number of jobs have been mentioned both for construction and operation. Tier 2 binders mention training will be required and be provided, but job-specific training is not detailed.
			§ Contracting and procurement information including, if known, a breakdown of the number and types of jobs that will be done by contractors and what the contractor obligations to employees will be;	Yes	Mentions that there will be preferential hiring of local businesses for contracts. No mention of the number of jobs that will be created for contractors

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			§ Estimation of the number of jobs to be created directly and indirectly by the Project, with consideration of local business and supplying contracting;	Yes	
			§ Worker housing situations including number of workers expected to be residing onsite or in workers' camp(s), on-site services and facilities for workers; transportation to work and proposed work schedule;	Yes	
			§ Discussion of the commuting arrangements for local hired workers, especially those who live in the communities without proposed direct air transport to mine sites and how the Proponent plans to support the fly-in/fly-out workforce with in-community liaison workers;	Yes	
			§ Expectations and perceptions to employment at the Project by the residents in the Project RSA; and	Yes	
			§ 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 program).	Yes	benefits are mentioned throughout the EIS, main topics being employment for the Kivalliq, financial benefits will be negotiated through the IIBA with KIA
	6.6	Detailed Project Proposal Description	The Proponent shall describe the Project components and all activities associated with each in a systematic way. The description shall encompass all phases of development in sufficient detail to allow the Proponent to predict potential adverse environmental effects and address public concerns about the Project; from site preparation through to construction, operations, maintenance, any potential modifications and/or expansions that may be required during the operations phase based on exploration results, temporary closure (care & maintenance), final closure (decommission & reclamation), and post closure activities.	Not complete	No information on temporary closure
			The description must include an approximate timeline for each Project component and all activities associated with each component, if applicable.	Not complete	No description of timeline for each project component provided with the exception of mining of the pits.
			The description should also include changes that would occur in the vicinity as a consequence of mining the uranium deposit.	Yes	
			Where specific codes of practice, guidelines and policies apply to items to be addressed, in particular if involving thresholds and quantitative limits to be applied, those documents must be cited and may be included as appendices to the EIS.	Yes	
			For greater clarity, the detailed description of Project components and activities, where appropriate, should cross-reference the impact assessment, environmental management and overall development plan sections of the EIS.	Yes	
	6.6.1	Kiggavik and Sissons Mine Sites			
	6.6.1.1	Geology/Mineralogy of the Ore Deposit	The Proponent shall describe the uranium ore resources at the Kiggavik and Sissons mine sites, including	n/a	
			§ Deposit locations, including detailed maps of the mine site areas;	Yes	Incorrect section reference in conformity table
			§ Detailed structural geology maps;	Yes	
			§ The lithology and mineralogy in the Project area;	Yes	
			§ Presence of ice lenses and implications to the Project;	No	Vol 2-discusses ore lenses. Vol 5J-discusses prevention of ice lenses. Vol 6A discusses ice content on surface
			§ Fractures and their implications to the Project;	Yes	
			§ Types of the deposits and associated bedrocks;	Yes	
			§ Average and range of ore grades estimated for the uranium deposits;	Yes	
			§ Nature, depth, and thickness of the ore deposits to be mined;	Yes	
			§ The mineralogy and geochemistry of ore and waste rock including radiological characteristics, metal/metalloid content and acid generating potential; and	Yes	
			Ore body delineation.	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			The Proponent shall describe the ore mining, transport and processing associated with the Project, using maps and diagrams whenever applicable	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	6.6.1.2	Mining, Transport and Processing	§ A mining plan indicating the sequence of development for the proposed open pits (Main Zone, East Zone, Center Zone and Andrew Lake) and underground mine (End Grid);	Yes	
			§ Describe the open pits and underground mine design and operation;	Yes	
			§ Describe the hydrogeological conditions (i.e., permeability of geological formations, hydraulic head and groundwater flow direction) of the open pits and the underground mine, including estimates of the variance in permeability and groundwater flow, and implications of geological anomalies such as fault zones, weak rock formations or areas of higher than expected groundwater flow on the design of the open pits and underground mining facilities;	Yes	
			§ Discussion on how permafrost conditions (seasonal thawing, taliks, degradation due to mining disturbances) were considered in the design of the open pits and underground mining facilities;	Yes	
			§ Stability analysis of the pit slopes and underground mine works and provision of adequate ground control measures where necessary;	Yes	
			§ Design of the impoundment/retention structures and measures for seepage control;	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			§ Design of the mine ventilation for the underground mine;	Yes	
			§ Daily and yearly average extraction rate(s) and quantities of ore;	Not complete	Found only daily rates for End Grid
			§ Cut-off grades, in percent of uranium for ore, mineralized low grade material and non-mineralized material, based on current economic conditions or reasoned projections;	Yes	
			§ Means of drilling, blasting, extraction, loading and transport of ore;	Yes	
			§ Design, location and capacity of run-of mine stockpile (if any), ore stockpile and waste rock stockpile facilities;	Yes	
			§ Dust suppression technologies and dust suppressants to be used in mining, loading, transport, storage, crushing and other processes where dust might be generated;	Yes	
			§ A review of similar operations elsewhere in similar settings, with a discussion of the results of research on the long-term stability of the underlying permafrost and frozen materials, as well as the implications to Project planning and design;	Yes	
			§ Measures and plans to control natural hazards and/or mitigate their impacts on the Project, such as rock falls and collapses, extreme climate events, and other geological or geomorphological events (e.g., storm, flooding, and earthquake);	Yes	
			§ Provide a comprehensive description of the proposed mill design, including:	Yes	
			o Facilities and structures	Yes	
			o Mill process and operations	Yes	
			o Reagents used	Yes	
			o Water management strategies, including methods to maximize water reuse and minimize takings of natural waters	Yes	
			o Radiation protection measures	Yes	
	6.6.1.3	Ore Stockpile Facilities	The Proponent shall present, in connection with its Ore Storage Management Plan, details on the ore stockpile facilities associated with the Project, using maps and diagrams whenever applicable, including the following	n/a	
			§ Anticipated quantities and grade of ore extracted, including daily and yearly average extraction rate(s);	Partially	Found only daily rates for End Grid
			§ Description of ore handling, including the design, locations and capacities of the stockpiles sites. The Proponent shall include references to similar operations in comparable conditions, applicable modelling information, and the results of research on the long-term thermal stability of the underlying permafrost and frozen materials;	Yes	
			§ Description of the physical and chemical stability of the ore material to be store, with regard to the long-term acid-generation and metal leaching (ML) potential of the ore material. Consideration should be given to the latest monitoring results from mines in the same general climatic conditions;	Not sure	Could not find information or discussion as referenced in AREVA's conformity table

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			§ Provide radioactive characteristics of ore material and include means to minimize loss to the environment by wind and other means, and does estimates for workers in the vicinity of the ore stockpiles; and	Partially	Provided metal [] in Vol 8. No discussion on radioactive characteristics found. Partial discussion in Vol 2H but no discussion on loss to environment
			Explanation of the relationship between the timing of acid generation and permafrost encapsulation in cold weather conditions, with consideration for potential climate change.	Yes	
	6.6.1.4	Water Supply and Water Treatment Facilities	The Proponent shall present the details on all the water supply and water treatment facilities associated with the Project, including the facilities at the mine site(s) and the Baker Lake dock site. The Proponent should include the following:	Yes	
			§ Identification and description of water supply sources (water bodies and/or watercourses) and intake sources and facilities, and projections of volumes of water required from each source;	Yes	
			§ Description of water uses including the camp sites, open pit mines, underground mine, dock facility, mill process facility, winter roads, dust suppression, firefighting reserves, workshops and maintenance facilities as well as drilling activities, etc.;	Yes	
			§ Description of water treatment process methods for all fresh water use (i.e., mill process and domestic water), including the design of the facility(ies);	Yes	
			§ Discussion on the plans to convert East Pit into a storage reservoir, including water sources, diversion methods, estimated volume and use of water from reservoir;	n/a	Not anymore-AREVA will now build a purpose-in pit; however no discussion provided regarding the change to project proposal
			§ Design features to prevent the entrapment of fish at water intakes, on-site use, storage and final discharge to the environment; and	Yes	
			Description of the facilities for washing mine trucks and other equipment, as well as any treatment of water used for such activities.	Yes	
	6.6.1.5	Natural Drainage Diversion	The Proponent shall present, in connection with its Site Water Management Plan, the details on any required alteration of drainage patterns and diversions, including the following	Yes	
			§ 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;	Yes	
			§ Discussion of measures to prevent or mitigate sedimentation within these diverted flows;	Yes	
			§ Discussion of potential challenges anticipated in constructing drainage diversions including seasonal effects (e.g., melting ice lenses); and	Yes	
			Discussion of the potential for mobilizing sediments, generating erosion and disturbances to terrain.	Yes	
	6.6.1.6	Mine De-Watering	The Proponent shall present, in connection with its Site Water Management Plan, the details on mine de-watering required for the Project, including the following	n/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;	yes	
			§ Description of proposed de-watering methods for Andrew Lake including a discussion of the potential uses for the water;	Yes	
			§ Description of proposed geotechnical works, the areas that may be affected, the quantities of bottom sediment requiring disposal, and the proposed disposal methods;	Yes	
			§ Estimates of average mine water volumes, methods used to calculate volumes, and discussion of potential uses for mine water;	Yes	
			§ 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. Measures for controlling the inflow, where necessary, should be discussed and the groundwater monitoring program should be described; and	Yes	
			§ Anticipated salinity and general characterization of each pit water including estimates of the variance of water quality.	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
Project Components and Activities	6.6.2	Baker Lake Dock Site and Storage Facility	The Proponent shall provide the following information regarding Project components and activities for the proposed Baker Lake Dock Site and Storage Facility, with site maps and diagrams and general arrangement drawings provided for reference purposes where deemed useful:	Yes	Vol2, Sec 10-Only map of dock sites provided in this section. Had to go to Sec 4 for details on facility
			§ Discussion of how the precautionary approach has been incorporated into the design of dock facility, to account for the challenges of the Project area including considerations for extreme temperatures, ice thickness, seismic hazards, water level change, etc. in the layout and structure of various facilities and design features;	Yes	Only provided discussion on dock
			§ Discussion of the study results related to bathymetry, rock and sediment geotechnical properties, and sediment thickness and quality for the proposed dock site;	Partially	Vol 5C discusses bathymetry only. Stations in this volume not clear as to same locations as proposed dock locations (i.e. is dock location 1 same as station #1?)
			§ Discussion on how annual rebound influencing water depth, and the ice shifting on Baker Lake during freeze-up in the fall season, winter season and break-up in the spring season will affect the design and usage of the dock facility;	Yes	
			§ Description of all facilities proposed to be constructed at the dock facility, including discussion on the wharf storage facility, temporary administration facility, land-based or water-based navigational aids, etc.;	Yes	
			§ Details regarding all undertakings/works required to make the selected dock facility accessible for shipping;	Yes	
			§ Discussion of all potential uses of the dock site and storage facilities, including predicted non-Project and/or private uses;	Yes	
			§ Description of all facilities associated with the transfer and handling of fuel and any hazardous products;	Yes	
			§ Description of the types and anticipated volumes/quantities of materials and equipment to be transported to and from the dock, including hazardous/dangerous goods cargo;	Yes	
			§ Description on the communication system and power generation unit; and	Yes	
			Discussion of plans for dock security management.	Yes	
	6.6.3	Transfer Site	The Proponent shall provide the following information regarding Project components and activities for the proposed Transfer Site (Churchill or Chesterfield Inlet) and dock facility, with site maps and diagrams and general arrangement drawings provided for reference purposes where deemed useful:	n/a	Not discussed as they are transferring items at Chesterfield Inlet from cargo vessel to barge - not using a transfer site. No clear discussion provided in the EIS on what items were removed from original project proposal.
			§ Discussion of how the precautionary approach has been incorporated into the design of transfer site and dock facility, to account for the challenges of the Project area considerations for extreme temperatures, ice thickness, seismic hazards, sea level change, etc. in the layout and structure of various facilities and design features;	n/a	
			§ Discussion of the study results related to bathymetry, rock and sediment geotechnical properties, and sediment thickness for the proposed transfer site and dock facility;	n/a	
			§ Discussion on how tide levels, annual rebound influencing water depth, and the ice shifting in Hudson Bay and Chesterfield Inlet during freeze-up in the fall season, winter season and break-up in the spring season will affect the design and usage of the transfer site and dock facility;	n/a	
			§ Description of all facilities proposed to be constructed at the transfer site area, include estimates of capital cost of developing site facilities;	n/a	
			§ Details regarding all undertakings/works required to make the selected transfer site accessible for shipping;	n/a	
			§ Discussion of all potential uses of the transfer site and dock facility, including predicted non-Project and/or private uses;	n/a	
			§ Description of all facilities associated with the transfer and handling of fuel and any hazardous products;	n/a	
			§ Description of the types and anticipated volumes/quantities of materials and equipment to be transported to and from the transfer site, including hazardous/dangerous goods cargo;	n/a	
			§ Description on the communication system and power generation unit;	n/a	
			§ Discussion of plans for transfer site security management; and	n/a	
			Provide ice free season throughput comparison for transfer systems via Churchill versus the proposed Chesterfield Inlet transfer site. Compare operating costs of the two systems and assess potential benefits to the community of Chesterfield Inlet.	n/a	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	6.6.4	Waste Management Facilities	The Proponent shall describe the sources, types and quantities of radiological and non-radiological waste predicted to be generated by the Project, and the on-site processes for the collection, handling and disposing of radioactive and non-radioactive wastes to be generated by the Project.	Yes	
	6.6.4.1	Waste Rock Facilities	§ An inventory of waste rock generated during construction and operation of the Project including; overburden, waste rock, low grade mineralized material, processing wastes, excavated material, and any other related wastes if applicable;	Yes	
			§ Description of overburden and waste rock handling, including the design, locations and capacities of the stockpiles sites, describing the options for each type of waste rock. The Proponent shall include references to similar operations in comparable conditions, applicable modelling information, and the results of research on the long-term thermal stability of the underlying permafrost and frozen materials;	Yes	
			§ Description of the physical and chemical stability of the types of materials to be stored and those to be used for containment construction, with regard to the long-term acid-generation and metal leaching (ML) potential of the waste rock. Consideration should be given to the latest monitoring results from mines in the same general climatic conditions;	Yes	
			§ Details regarding the acid rock drainage (ARD) and ML characterization of waste rock, the method of testing in terms of both static and kinetic tests, the number of samples and sampling protocols, the company and personnel to carry out the tests, and implications to possible use and disposal;	Yes	
			§ Define the criteria for waste rock being considered radioactive versus non-radioactive; provide anticipated amounts of radioactive waste rock, and its radioactive characteristics, temporary and future disposal options, including means to minimize loss to the environment by wind and other means, and dose estimates for workers in the vicinity of the radioactive waste rock stockpiles;	Yes	
			§ Description, in qualitative and quantitative terms (where appropriate), of the chemistry of frozen groundwater from joints and fractures in the waste rock disposal area; and	Yes	
			Explanation of the relationship between the timing of acid generation and permafrost encapsulation in cold weather conditions, with consideration for potential climate change.	Yes	
			§ Describe the tailings management facilities design;	Yes	
	6.6.4.2	Tailings Management Facilities	§ Describe how geotechnical factors, geological characteristics (weak rock formations, fault zones and their hydrogeological characteristics), and permafrost conditions (seasonal thawing, taliks, degradation due to tailings disposal, and long term evolution) were considered in the design of the tailings management facilities;	Yes	
			§ Describe how the general climate conditions including climate trends were considered in the design of the tailings management facilities (e.g., prevention of ice formation);	Yes	
			§ Describe the proposed process and operations of the tailings management facilities during both operations and post-closure. The Proponent shall include a contingency plan in the event that discharges from the containment area do not meet licensing criteria;	Yes	
			§ Describe the tailings chemistry, physical properties (rheology, solid content, consolidation density, slurry temperature, volume estimates), mineralogical and radiological characteristics; and	Yes	
			Discuss methods for controlling and monitoring radon flux from the tailings management facilities.	Yes	
	6.6.4.3	Waste Water Treatment Facilities	§ Describe the water treatment process for 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;	Yes	
			§ Discussion on the treated effluent discharge methods, including the design of the facility, identification of discharge points, the anticipated water quality and quantities to be disposed of, and conservation and recycling methods. Specific mention of modifications relative to operating in arctic conditions should be identified. Include associated implications for regulatory compliance;	Yes	
			§ 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;	Yes	
			§ 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;	Yes	

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			§ 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 at key points between the discharge point and return to baseline water quality conditions; and	Yes	Further review required as receiving environment is not well defined, i.e. is it Judge Sissons or Pointer Lake OF for Kiggavik? Not clear within Tier 2 documents. Also, reference in conformity table incorrect.
			Description of the on-site processes for the collection, handling and disposing of radioactive and non-radioactive water wastes (including melt water) to be generated by the Project.	Yes	
	6.6.4.4	Landfill & Landfarms Facilities	§ Research results for effectiveness of similar landfill and landfarm operation facilities in comparable geological regions and climate condition;	No	No information provided on research results
			§ Locations of any landfill and landfarm 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 water bodies;	Partially	Discussed design criteria in management plan-Vol 10B. Landfill on one map
			§ Inventory of the types and volumes of non-combustible, non-hazardous industrial wastes to be generated and landfilled over the life of the Project;	Yes	
			§ Inventory of the types and volumes of hydrocarbon contaminated wastes to be generated and landfarmed over the life of the Project;	Yes	
			§ Description of the proposed collection, handling, storage, treatment, or disposal methods of contaminated ice, snow, soil and/or surface runoff; and	Yes	
			§ The viability of landfarming, given site specific climate and geographic conditions including a discussion on alternatives.	No	short discussion on short remediation process, no discussion on viability or alternatives
	6.6.4.5	Hazardous Waste	§ Inventory of the types and predicted volumes/quantities of hazardous wastes to be generated or produced by the Project activities, including shipping operations;	Yes	
			§ Description of proposed storage, transport, handling and disposal methods to be employed for hazardous waste generated; and	Yes	Vol 2 & Vol 2U-random info in Vol2
			Details regarding the destinations for each type of hazardous waste, including the disposal of containers used to transport or store hazardous materials.	Partially	Description vague. Mentions off site registered and licensed facility
	6.6.4.6	Camp Waste	§ Description of the facilities, technologies and equipment to be used for incineration of domestic waste;	Yes	No detail description provided on facilities, etc.
			§ Inventory of domestic waste to be incinerated, including both land-based and ship-based generated wastes; and	Yes	Only listed paper amounts while missing amount of domestic waste that will be incinerated
			§ Methods of disposal of incineration ash.	Yes	
			The Proponent shall describe all ground transportation, and associated facilities both temporary for construction purposes and permanent for operation and maintenance. . Ground transportation includes the all-weather road and/or winter access road, mine hauling roads, site service roads, various access roads, in pit haul roads, other roads used to facilitate maintenance of infrastructure and facilities, etc.	Partially	Did not discuss access road to Mushroom Lake and Sissons to Judge Sissons and Kiggavik to Judge Sissons
			The Proponent shall describe the following in connection with the Roads Management Plan, including relevant maps and drawings where useful	n/a	
			§ Design specification and features of all ground transportation roads, including construction methods and schedule, laydown areas, temporary works and construction camps, estimates and types of materials required for construction and maintenance, water crossings and diversions of watercourses;	Yes	
			§ Description of all water crossings and in-stream works including alternatives, quantity and locations of each kind, and any diversions of watercourses. Survey plans with dimensions indicating depth, width, length, natural obstructions; high and low water marks, shoreline structures and adjacent properties should also be included;	Partially	Did not discuss access road to Mushroom Lake and Sissons to Judge Sissons and Kiggavik to Judge Sissons

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	6.6.5	Ground Transportation and Associated Water Crossings	§ Describe the management for the water crossings with consideration for the design and size of water crossings to cope with storms, floods, and other intermittent natural events with consideration of a conservative precipitation event (<i>i.e.</i> , the PMP). Design of water crossings should ensure adequate flow and prevent velocity barriers to fish movement or migration;	Partially	Did not discuss access road to Mushroom Lake and Sissons to Judge Sissons and Kiggavik to Judge Sissons
			§ Provide locations and connectivity of roads including terrain conditions along the road alignments;	Yes	
			§ Provide a description of any infilling of lake, wetland or stream habitats associated with road construction(s);	Partially	Did not discuss access road to Mushroom Lake and Sissons to Judge Sissons and Kiggavik to Judge Sissons
			§ Discussion of design features and structures planned to protect and facilitate wildlife movement (e.g., caribou crossings and migration routes) and humans that might cross the roads during operations (including ATVs, snowmobile and sledges), and prevent/minimize collision related mortalities;	Partially	Could not find details on features and structures in Vol 6
			§ Discussion of design features and structures planned to protect and facilitate fish movement and migration;	Yes	Discussed but not in depth details provided
			§ Discussion of how TK has been considered in the selection of the ground transportation;	Yes	
			§ Relationship of ground transportation with existing hunting and travelling routes (including those routes in close proximity or intersecting planned ground transportation roads); and	No	Some mention in appendices that all-weather road would be near existing ATV trail (east of Thelon) but no discussion on relationship with existing hunting and travelling routes. No discussion on winter road.
	6.6.5.1	Thelon Bridge Crossing	The duration, frequency and extent of use of all facilities, including allowances for public or hunter access.	Yes	Only discussed potential public access in Vol 6. Vol 2 provides list of frequency
			§ Design specification and features of the proposed Thelon River bridge crossing including construction methods, laydown areas, in-stream works, estimates and types of materials required for construction and maintenance;	n/a	Bridge now replaced with cable ferry option. No detail construction discussion provided on ferry. Vol 2L discusses bridge construction that was previously proposed
			§ Description of the projected maintenance requirements for the Thelon River bridge crossing, both short and long term; include the physical nature of predicted maintenance activities as well as their frequency. Include a discussion of whether the bridge is intended to be permanent or temporary (taken out at closure);	n/a	
			§ Description of any required measures for bank stability and erosion control at the Thelon River bridge crossing;	n/a	
			§ Discussion on the potential impact of Thelon River ice on water crossing infrastructure during freeze-up in the fall and winter season and break-up in the spring season; and	n/a	
	6.6.6	Marine Shipping	Discussion of design details of the ferry docking/landing sites.	n/a	
			The Proponent shall describe all marine shipping associated with the Project, including shipping from Churchill to Baker Lake and through the Chesterfield Inlet to Baker Lake in connection with the Shipping Management Plan, including relevant maps and drawings were useful;	Yes	
			§ Description of the proposed marine shipping vessel(s) (types, sizes, and numbers of vessels to be used), associated frequency and timeframe for the shipping season for all project activities during each phase of the Project. Include a discussion on the existing marine traffic volumes along the proposed shipping route(s) to describe the marine traffic network of the region;	Yes	
			§ Provide an analysis of proposed shipping route(s) with route characteristics and navigability, with corresponding maps and details regarding bathymetry, navigational aids, other marine traffic using these routes, including channel and berthing manoeuvres, anchorage components, etc.;	Partially	Not enough details provided-no bathymetry, no maps of navigation hazards through Chesterfield Inlet to Baker Lake (referred to Marine Charts). Did discuss traffic and controls but not sure if it is related only to AREVA project or to other traffic in area.
			§ Provide a description of the transit time and delay review of alternative marine routes, and compare the two principal route options (Churchill vs. Chesterfield Inlet);	n/a	Not building a transfer site at Chesterfield

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			§ Discussion on the potential for ice breaking during the planned shipping season (<i>i.e.</i> , during break-up in the spring season and during freeze-up in the fall season);	Yes	
			§ Relationship of marine shipping route(s) and/or seasons with existing hunting and travelling routes;	No	
			§ Discussion of how TK has been considered in the selection of the shipping route(s) and timing of shipping activities;	Yes	
			§ Description of the results from bathymetric studies undertaken along the proposed shipping route(s). Additional discussion of study results should also be included for identified areas where shallow waters and/or strong current exist, with consideration given to the size of barges, and the implications for shipping safety;	Partially	Only bathymetry provided for area around community of Chesterfield Inlet. Nothing into the inlet and the proposed shipping route to Baker Lake
			§ Identification of all parties responsible for ensuring safe shipping beyond the immediate dock facility site;	Yes	
			§ Estimates of the volume of goods/supplies, dangerous goods, fuel, explosives and equipment to be transported and associated protocols with shipping these goods; and	Yes	
			Description of loading and offloading procedures for dangerous goods, fuel, and explosives, if applicable.	Yes	
			§ Description of all potential air transportation including air traffic and types of aircraft to be used, regardless of whether an airstrip is required or not (<i>e.g.</i> , helicopter);	Yes	
			§ Description of all facilities and infrastructure proposed for air transportation, including construction methods and schedule, transfer and handling of fuel, etc.;	Yes	
			§ Discussion of current drainage patterns and identification of water bodies and watercourses that may be in-filled or encroached upon by the airstrips or airport infrastructure or diversions required;	Yes	
	6.6.7	Air Transportation	§ Description of service roads, de-icing and containment systems, and methods of dust suppression;	Yes	
			§ Description of loading and offloading procedures for uranium concentrate and other hazardous materials at the Project site;	Yes	
			§ Estimates of the number of passengers to be transported and the volume of goods/supplies and uranium concentrate to be shipped through the airport facilities;	Yes	
			§ Estimates of the number of flights on a daily or weekly basis covering all phases of the Project, including estimated flight schedules (times and days);	yes	
			§ The duration, frequency, and extent of use of each airport facility/airstrip;	Yes	
			§ Estimated flight impact zones, based on flight routes, types of aircraft and traffic volumes;	No	Types of aircraft provided
			§ Estimates of the annual aviation and related maintenance schedules, and a description of known flight restrictions such as minimum flying height, seasonal restrictions, etc. for each aircraft type;	No	
			§ Discussion on safety protocols concerning air transportation of uranium concentrate and identification of any regulations/legislation/guidelines;	Yes	
			§ Discussion on the receiving environment for the uranium concentrate once it leaves Nunavut (<i>i.e.</i> , Churchill, MB or Points North, SK) including storage methods, potential points of contamination/spill potential and security of storage area; and	Yes	
			§ Details regarding the proposed procedures for accident, malfunction and incident management and reporting for the transfer of hazardous material including uranium concentrate.	Yes	
	6.6.8	Borrow Pit and Quarry Sites	The Proponent shall provide information on all borrow pits and quarry sources required for the Project, in combination with the Borrow Pits and Quarry Management Plan, and include:		
			§ Maps for all sites that are to be used for borrow pits or quarries, indicating the ownerships (Inuit Owned Land [IOL] and Crown Land) of lands where borrow pits and quarries site are planned, and principle geographic features (<i>e.g.</i> , on or near eskers and other unique landscapes, the proximity to water bodies and watercourses);	Partially	Map provided, but no ownership or geographic features; only geological features presented in discussion
			§ Discussion of how the precautionary principle has been incorporated in the design of the borrow pits and quarries in terms of minimizing potential effects to the environment, wildlife and wildlife habitats; as well as fish habitats if these sites are in close proximity to waterbodies and watercourses, and high winds;	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			§ Characterization of the materials at potential borrow site locations including the ground ice conditions and occurrences of massive ice;	Yes	Minimal discussion on ice conditions
			§ Estimates of the quantities that will be extracted from each borrow site;	Partially	Overall amounts provided but not specific to borrow sites
			§ Estimates of quantities required to build the ground transportation for the Project;	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			§ Annual estimates of quantities required for ground transportation, dock site and airstrip maintenance; and	No	Discussed but no estimates given
			Description of proposed sediment, dust control and erosion measures in the design of the borrow pits and quarry sites.	Yes	
	6.6.9	Power Generation	The Proponent shall provide the following information in conjunction with its Air Quality Monitoring and Management Plan		
			§ The energy balance for the proposed Project, including strategies for optimization and conservation;	Yes	
			§ Type of power generation that will be used over the Project lifespan;	Yes	
			§ Locations (positioning) of power generation plants/stations relative to prevailing winds and other infrastructure;	Yes	Prevailing winds not shown
			§ Description of diesel power generation facilities, including sources, volumes of fuel to be used, transportation methods for fuel and associated transfer points, information regarding secondary containment measures to be employed and equipment and facilities for emergency clean-up, and	Yes	
			Proposed accident/incident management and reporting.	Yes	
	6.6.10	Fuel and Explosives	The Proponent shall describe the following information, in conjunction with its Spill Contingency Plans, Hazardous Materials Management Plan and Explosives Management Plan		
			§ Location and characteristics of fuel and explosives storage and/or manufacturing infrastructure and facilities (e.g., explosives and detonator magazines, fuel storage, ammonium nitrate storage, maintenance/wash area, process trucks and their parking area, any offices, warehouses, buildings) as well as methods of secondary containment to be employed. This will include distances to vulnerable features (<i>i.e.</i> , dwellings, roads, camps, bodies of water, etc.), and distances between explosives facilities and fuel storage/handling areas;	Yes	
			§ Types and estimate of quantities of fuel, explosives, and other similar materials required for the duration of the Project;	Yes	
			§ Proposed measures to ensure the fuel used for shipping conforms with Canadian regulations	Yes	
			§ Operational plans (without duplication of the plans noted above) including Oil Pollution Prevention and/or Emergency Plans in connection with the Spill Contingency, and Oil Handling Facility Contingency Plan; and	Yes	
			Methods of fuel transfer and transportation from source(s) to and around site.	Yes	
			§ Areas proposed for ongoing geotechnical investigations and mineral exploration, including drilling, over the duration of the various Project areas;	Yes	
			§ Description of any exploration activities occurring on or near waterbodies and the mitigation measures that will be implemented to prevent impacts to fish and fish habitat;	Yes	
	6.6.11	Exploration	§ Temporary field facilities, equipment to be used, and required ground and air transport frequencies;	Yes	
			§ 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.);	Yes	
			§ Proposed mitigation and monitoring measures designed to protect archaeological and cultural resources from being impacted by ongoing exploration; and	Yes	
			§ Management plans for drilling waste disposal and drill site reclamation.	Yes	
			The Proponent shall describe any other relevant project facilities and infrastructures not detailed in the above sections including administration and personnel accommodations.	Yes	
	6.6.12	Other Project Facilities and Infrastructure			
	7.1	Public Consultation	the Proponent shall provide highlights of any public consultation/engagement undertaken as part of the EIS to address concerns of the general public regarding the anticipated or potential environmental effects of the Project.	Yes	
			The Proponent shall also describe how communication was facilitated with the public through accommodating regional languages/dialects; not only through translation but through live translation/interpretation at community/public meetings.	Yes	
			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 must be presented in the EIS and will enable responsible agencies to:	Yes	Section 14.3 is a summary of Commitments. *There does not appear to be a summary of any opposition for the Project
			§ Assess the transparency, meaningfulness and completeness of community consultation efforts;	Yes	
			§ Understand messages communicated within the process of dialogue;	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	7.1	Public Consultation	§ Obtain an increased understanding of the expectations held within communities based upon responses to specific issues raised; and	Yes	
			Assess how public participation has influenced the development of the Project with an analysis of community support for, and opposition to, the Project.	Yes	
			From public consultation conducted by the NIRB, the Proponent should address the following:	Yes	
			§ Continue to provide up-to-date information describing the Project to the public, particularly residents of communities likely to be most affected by the Project;	Yes	
			§ Involve the public in determining how best to deliver that information, i.e., the types of information required, translation and interpreting needs, different formats, the possible need for community meetings; and	Yes	
			Explain the results of the EIS in a clear direct manner to make the issues comprehensible to as wide an audience as possible.	Yes	
	7.2	Traditional Knowledge	present and justify its definition of TK and shall explain the methodology used to collect TK, including	Yes	
			§ Format and location of meetings;	Yes	
			§ Description of background information provided at meetings;	Yes	
			§ Level of community participation and composition of participants;	Yes	
			§ Design of studies on TK;	Yes	
			§ Selection process for participants in such studies, including participants outside the NSA;	Yes	
			§ Types of TK collected; and	Yes	
			Associated issues related to the storage and ownership related to TK.	Yes	
			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.	Yes	Incorrect reference in AREVA's conformity table
			The Proponent shall also indicate whether special efforts were made to collect TK from Inuit Elders, women or special groups, or harvesters familiar with the Project area.	Yes	
			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.	Yes	
			It shall explain how it integrated TK and popular science, including the manner in which it reconciled any apparent discrepancies between the two.	Yes	Incorrect reference in AREVA's conformity table
			The Proponent shall also include a discussion on how it dealt with discrepancies within TK (variation between individuals) and include incidences where TK is being used to address gaps in currently available scientific data.	Yes	
			The Proponent shall present baseline data, including TK, about 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 related to the Project must be taken into consideration.	Yes	
			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.	Yes	
			As a critical data gap, comprehensive information on biota tissue concentrations of uranium (U)-238 series radionuclides and other contaminants of specific interest in uranium mining (e.g., selenium, molybdenum) should be collected.	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			The Proponent should consider other available information containing baseline data related to the Project region, including a review of grey literature, technical scientific reports, and peer-reviewed scientific literature to present a complete picture of baseline conditions.	Yes	
	7.3	Baseline Information Collection			

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	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). 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.	Yes	
			, the Proponent shall make any linkages explicit and describe the trade-offs. For example, deficiencies in baseline data increase uncertainties in the prediction of potential impacts, and consequently require an intensification of corresponding monitoring and mitigation programs, and follow up and adaptive plans.	Yes	
			The description of the existing baseline and the environmental trends should include a consideration of past projects and activities carried out by the Proponent and/or others within the RSA.	Yes	
	7.4	Use of existing information	In preparing the EIS, the NIRB expects the Proponent will rely heavily on the use of existing information and available results of surveys and studies completed in the Project region by the relevant developments, government agencies, organizations, institutions, regional authorities and individual researchers, which are related to the Project and the environment. For example, 'lessons learned' already exist in relation to previous projects in Nunavut (e.g., the Meadowbank Gold Mine project) and should be captured by the Proponent.	Yes	General discussions provided and some existing information
			When using existing information to meet the requirements of various sections of the EIS Guidelines, the Proponent should either include the information directly in the EIS with clear reference indicating the source of information (i.e., document, section, and page numbers), or direct the NIRB through cross-referencing, (the document, section and page number) to where it may obtain the information if the referred information is contained in the EIS (including supporting documents of the EIS).	Partially	References given, but not always clear
			The Proponent must also clarify how representative the data are, clearly separating factual lines of evidence from inference, and state any limitations on the inferences or conclusions that can be drawn from them.	Not sure	Could not information or discussion as referenced in AREVA's conformity table
			If conflicting information is encountered from either scientific community based and/or TK sources, it is suggested that these conflicting viewpoints be identified and presented in a balanced manner along with the Proponents conclusions	Yes	
			The EIS must clearly document any information or knowledge gaps encountered in the existing literature or other information sources, and discuss how these gaps might affect the ability to draw conclusions and the reliability of those conclusions drawn in the assessment.	Not sure	Could not information or discussion as referenced in AREVA's conformity table
	7.5	Assessment Boundaries			
			The spatial boundaries of the assessment of the Project (and its components) shall be determined on the basis of the Project's potential impacts on the particular biophysical or social environment being addressed.	Yes	
			the Proponent shall consider the following criteria when establishing spatial boundaries for the assessment of the Project:	Moderately accomplished	
			§ The physical or socio-economic extent of project activities;	Yes	using LAA and RAA
			§ The extent of ecosystems potentially affected by the Project;	Yes	
			§ The extent to which traditional and contemporary land use and other harvesting could potentially be affected by the Project; and	Yes	Some discussion provided
			§ The size, nature and location of past, present, and reasonably foreseeable projects and activities which could interact with the items listed above.	Yes	conducted tabulated results for entire Nunavut
			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) or the socio-economic or other economic indicators. Identification of spatial boundaries should also take account the impact pathways as pollutant transport and bioaccumulation mechanisms. Furthermore, traditional and contemporary land use and occupancy (past, present, and future), should be considered in addition to other factors when determining spatial boundaries for the impact assessment of the Project.	Yes	Conducted somewhat in Vol 2 maps

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	7.5.1	Spatial Boundaries	The Proponent is not required to provide a comprehensive baseline description of the environment at each of the above scales, but must provide sufficient detail to address the relevant environmental and cumulative effects of the Project.	Yes	Generally conducted with some baseline presented
			The boundaries for the assessment of socio-economic impacts shall be based on an analysis of the socio-economic effects directly and indirectly associated with the Project. In all cases, priority focus shall be directed to potential impacts within Nunavut, but the EIS shall also consider potential impacts outside of Nunavut, wherever there is reason to anticipate that they might occur.	Yes	Vol 9, Section 4.4 defines that there is no Project footprint study area, the LAA is 7 communities (Arviat, Baker Lake, Chesterfield Inlet, Coral Harbour, Repulse Bay, Rankin Inlet, and Whale Cove), and that Nunavut is the RAA.
			The EIS must contain a justification and rationale for all spatial boundaries and scales chosen.	Yes	
			Local Study Area (LSA): the Local Study Area shall be defined as that area where there exists the reasonable potential for immediate impacts due to Project activities, ongoing normal activities, or to possible abnormal operating conditions. The Local Study Area includes the Project facilities, buildings and infrastructure, and all areas proposed for Project activities, including the entire proposed shipping route in the NSA.	Yes	
			Regional Study Area (RSA): the Regional Study Area shall be defined as the area within which there exists the potential for direct, indirect, and/or cumulative biophysical and socio-economic effects. This area includes lands, communities, and portions of Nunavut and other regions of Canada that may be relevant to the assessment of wider-spread effects of the Project. The Proponent is advised to duly consider the transboundary implications of impacts to identified VECs/VSECs as results of air transportation and marine shipping for the Project.	Yes	
	7.5.2	Temporal Boundaries	The EIS shall determine the temporal boundaries separately for the construction, operation, maintenance, temporary closure (care & maintenance), final closure (decommission & reclamation) and post-closure periods, including planned exploration to be undertaken in conjunction with the Project.	Yes	
			The Proponent shall also consider where applicable, the temporal bounds of Project alternatives under assessment, noting where they differ from those for the preferred option.	Yes	Provided the no-go option only
			As is the case for the determination of spatial boundaries, the temporal boundaries must indicate the range of appropriate scales at which particular baseline descriptions and the assessment of environmental effects are presented	Yes	
			; the EIS shall give a rationale and justification for the boundaries chosen, including a description of any consultation with members of the public or technical experts. In doing so, the Proponent shall recognize climate change (including warming trends) which might influence some of the impact assessment, for example, there may be no immediate danger of permafrost degradation, but the Proponent must incorporate that possibility into the design of Project components where applicable.	Yes	Some of the discussions with Elders
			The Proponent shall give due consideration to traditional and contemporary land use and occupancy (past, present, and future), in addition to other factors to be considered in its determination of temporal boundaries for the Project.	Yes	
			This description should include, but not necessarily be limited to, those VECs and VSECs, processes, and interactions that are likely to be affected by the Project and those identified in these Guidelines.	Yes	
			If relevant, the location of these VECs/VSECs should be indicated on maps or charts, indicating to whom these components are valued and the reasons why, in terms of ecosystemic, social, economic, recreational, tourism, aesthetic or other considerations.	Yes	
			The Proponent should also indicate the specific geographical areas or ecosystems that are of particular concern, and their relation to the broader regional environment and economy.	Yes	
			The Proponent shall explain and justify methods used to predict potential adverse and beneficial effects of the Project on each VECs and VSECs, the interactions among these components, and the relations of these components with the environment. In particular, the Proponent must describe how the VECs were selected and what methods were used to predict and assess the adverse environmental effects of the Project on these components. The value of a component should be considered not only in relation to its role in the ecosystem as a VEC, but also the value placed on it by humans for traditional use and cultural connection as a VSEC. This should be considered not only for components of the environment but also the land directly affected by the Project.	Yes	

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			The Proponent should validate the selected VECs/VSECs, especially those VECs/VSECs that will be used to assess the significance of Project component interactions, through consultation with the potentially affected communities. Any uncertainties in the validation must be documented.	Yes	
			All VECs and VSECs used in the assessment should have clearly identified indicators	Yes	No indicators for terrestrial environment. Using soil, terrain and vegetation as VEC
			The Proponent is expected to identify the components and activities of the Project that are anticipated to interact in adverse or beneficial ways with the selected VECs/VSECs. These components/activities could be grouped into the following categories	Yes	
			§ Components and activities related to construction, operation, temporary closure, final closure (decommission & reclamation) and post-closure of the Project; and	Yes	
			§ Components and activities induced by the Project development, which will occur in the reasonably foreseeable future.	Yes	
			The Proponent should consider the list below in the selection of VECs and VSECs.	Yes	
			§ Air quality;	Yes	
			§ Climate (including climate change) and Meteorology;	Yes	
			§ Noise and vibration;	Yes	
			§ Terrestrial environment, including terrestrial ecology, geomorphology and soils;	Yes	
			§ Permafrost and ground stability;	Yes	
			§ Geology;	Yes	
			§ Hydrology (including water quantity) and hydrogeology;	Yes	
			§ Groundwater and surface water quality;	Yes	
			§ Sediment quality;	Yes	
			§ Freshwater aquatic environment, including aquatic ecology, aquatic biota (including representative fish as defined in the <i>Fisheries Act</i> , aquatic macrophytes, benthic invertebrates, and other aquatic organisms) and habitat;	Yes	
			§ Vegetation;	Yes	
			§ Terrestrial wildlife and wildlife habitat, including representative terrestrial mammals (<i>i.e.</i> , caribou, caribou habitat, migration, and behaviour, muskoxen, wolverine, grizzly bears, wolves and less conspicuous species that may be maximally exposed to contaminants); and wildlife migration routes and crossings;	Yes	Inland communities discussed caribou, and coastal communities discussed marine wildlife
			§ Birds including raptors, migratory birds and seabirds, and their habitat;	Partially	Did not speak to seabirds
			§ Marine environment, including marine ecology, marine water and sediment quality, marine biota including fish, and marine habitat; and	Yes	
			§ Marine wildlife.	Yes	
			§ Economic development and opportunities;	Yes	
			§ Employment;	Yes	
			§ Education and training;	Yes	
			§ Contracting and business opportunities;	Yes	
			§ Benefits, royalties and taxation;	Yes	
			§ Population demographics;	Yes	
			§ Traditional activity & knowledge including harvesting, land use, food security, language, cultural and commercial harvesting;	Yes	
			§ Non-traditional land use and resource use;	Yes	
			§ Cultural, archaeological and palaeontological resources;	Yes	
			§ Individual and community wellness, including family and community cohesion;	Yes	
			§ Community infrastructure and public service;	Yes	
			§ Governance and leadership; and	Yes	
			§ Health and safety including worker and public safety.	Yes	
			The Proponent shall provide a rationale for the selection of communities and relevant studies for which baseline data are provided.	Yes	
			The Proponent shall describe the interactions between the biophysical and socio-economic environments.	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
Impact Assessment Methodology			If components identified in these Guidelines are not included in the EIS, the Proponent must clearly discuss its rationale for the omission.	No	Seabirds appeared to have been omitted with no clear justification outlined
	7.7	Study Strategy and Methodology	In describing the study methodologies, the Proponent shall explain how scientific, engineering, traditional, community, and other knowledge was used to construct its studies and reach its conclusions.	Yes	Discussed as assessment methodology
			Any assumptions shall be identified and justified.	Yes	
			All data, models, and studies must be documented so that the analyses are transparent and reproducible.	Yes	
			All data collection methods shall be specified, and the uncertainty, reliability and sensitivity of methods and models used to reach conclusions shall be indicated.	Yes	
			All conclusions presented shall be substantiated by the Proponent.	Yes	
			To support the main conclusions presented in its EIS, the Proponent shall broadly identify significant gaps of knowledge and understanding, the steps taken by the Proponent to address these gaps, and how these gaps impacted those conclusions.	Yes	
			Where the conclusions drawn from scientific and technical knowledge are in conflict with the conclusions drawn from community and/or TK sources, the EIS shall contain a balanced presentation of the issues and a statement of the Proponent's conclusions.	Potentially	Discussion focussed on polar bears in Vol 3-no other discussions regarding conflict of knowledge
	7.7.1	Acquisition Methodology and Documentation	The Proponent shall specify and justify all sampling protocols and statistical processes employed in both the biophysical and social contexts.	Yes	
			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.	Yes	
			The Proponent shall specify and justify all sampling protocols and statistical processes employed in both the biophysical and social context.	Yes	
			The reliability and scope of the results, the possibility of reproducing the analyses, and quality control of laboratory analyses shall be analyzed. All data based on environmental sampling necessarily involve some variability, which must be determined to assess the reliability and scope of the data.	Yes	
			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.	Partially	Provided for some data presented in Tier 2 volumes
	7.7.2	Data Analysis and Presentation	Use of qualitative criteria to describe the environment, compare various design and development options, or assess impacts, requires each criteria to be defined, their relative importance stated, and the differences between the categories (e.g., desirable, acceptable, unacceptable) indicated and justified. 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. Any TK references shall be indicated and sources identified, or referenced appropriately in cases where TK ownership or confidentiality concerns exist.	Partially	Some references missing
			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.	Yes	
	7.8	Impact Assessment Approach	The required impact assessment, including the significance analysis, should describe: the effect considered, the significance of the effect and justification for that determination, and if applicable, how the effect fits into a cumulative effects analysis and transboundary effects analysis. In this assessment, more emphasis should be placed on those significant impacts on VECs and VSECs, extending across all the Project phases if applicable.	Yes	
			The impact assessment for each biophysical and socio-economic element can be linked to a list of project components and activities deemed responsible for the potential impacts. Vice versa, a project component or activity can also be linked to various environment elements, in particular VECs and VSECs, on which it might potentially have impacts. A matrix or a comparable tool should be employed to identify all linkages between environmental elements and project components and activities, highlighting those significant interactions between both.	Yes	
			The Proponent shall explain and justify the methods used for impact prediction, including: mathematical or numerical modeling (e.g., variance and correlation analyses), analysis of sequential series, expert opinion, previous experiences, and the prediction from known tendencies and TK if applicable.	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	7.9	Impact Prediction	All studies used in the prediction of impacts must be specified, the original authors identified, and the studies made public. All statements based on public consultation shall be justified and the sources and methodology specified. The choice of methodologies and interpretation of results shall be justified in light of current theories, knowledge and standards.	Yes	
			The Proponent shall assess the direct, indirect, short-term, and long-term impacts of the Project on the biophysical and socio-economic environments, and the interactions between them, focusing on the anticipated response of the VECs and VSECs. The Proponent shall also assess the degree of uncertainty associated with each predicted effect. Where potential cumulative effects are identified, a discussion should be provided related to the CEA	Yes	
			The Proponent shall identify potential impacts resulting from each Project phase, including impacts arising from accidental events and malfunctions, with accepted practices used to draw impact predictions.	Yes	General discussion on impacts from accidents and malfunctions
			Predictions shall be presented with appropriate explanations and justification, and the Proponent shall		
			§ Explain how scientific, engineering, community and Inuit knowledge was used;	Yes	
			§ Document model assumptions and study methodologies;	Yes	
			§ Document data collection methods and limitations thereof;	Yes	
			§ Support analyses, interpretation of results and conclusions with reference to appropriate literature;	Yes	
			§ Describe how uncertainty in impact predictions have been dealt with;	Yes	
			§ Specify and reference sources for any contributions based on TK;	Yes	
	7.10	Impacts of the Environment on the Project	§ 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;	Yes	General discussion on meetings not direct information on individuals
			§ Identify all proposed mitigation measures and adaptive management strategies, if applicable; and	Yes	
			§ Describe the potential residual effects.	Yes	
			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 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), severe weather events (extreme precipitation events, flooding, storm surges etc.), sea ice conditions, sea level trends, subsidence and global climate change.	Yes	General information provided
			The discussion must specifically describe and assess how the potential for climate change could affect permafrost and the long-term impacts of such changes on Project infrastructure, such as water diversions and impoundment structures, waste water treatment structures, fuel and chemical storage areas, solid waste sites, waste rock and ore piles, all-weather road structures, winter-road structures, tailings management facilities, etc.	Yes	General information provided
			§ Effects of climate on the Project, with a focus on the design and planning of Project components and activities including: all-weather road and related water crossings, Thelon River bridge, Baker Lake dock facilities, open pit mines, underground mine, waste rock stockpile; ore stockpiles, airstrips and access roads;	Yes	General information provided
			§ Impacts of extreme meteorological events on the Project, and related considerations for Project design and planning, including, but not limited to, the following: extreme temperature and precipitation events; high winds and waves; ice-ride up and pile-up events; extreme ocean water levels (high and low); and severe fog or white out conditions. Potential changes to the timing of ice formation, active layer thickness, and frequency of storms should also be taken into consideration;	Yes	General information provided
			§ Discussion of the likelihood of all possible climate changes based on various possible scenarios, rather than designing and applying a single "best guess" scenario, and corresponding long term implications to the Project under each scenarios;	Yes	General information provided
			§ Impacts from climate change on sensitive ecosystem features within the terrestrial and marine ecosystems;	Yes	General information provided
			§ Predicted effects of climate change on mean and extreme climate parameters, and meteorological phenomena including flooding, storms, etc.	Yes	General information provided
			§ Potential effects of climate change on permafrost thawing in the Project area, with discussion of the related implications on the stability of project components and sensitive land features, including: Thelon River crossing; other water crossings; and waste rock stockpiles, tailings management facilities; and	Yes	General information provided

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	7.11	Cumulative Effects Assessment	Uncertainties related to climate change predictions, and the related effect on other predictions in the EIS, including water quantity and permafrost thawing.	Yes	General information provided
			Longer-term effects of climate change must also be discussed up to the projected closure phase of the Project. The sensitivity of the Project to long-term climate variability and effects shall be identified and discussed.	Yes	General information provided
			The Proponent is expected to carry out its CEA with consideration for the following factors:	Yes	
			§ A larger spatial boundary (RSA rather than LSA): This will enable the Proponent to assess the project impacts in relation to other activities (including other projects and exploration) in the geographical region, and implies that spatial assessment boundaries may cross jurisdictional boundaries for a better understanding of additive and interactive pathways of different types of cumulative effects	Yes	
			§ A longer temporal scale: This will enable the Proponent to consider all activities from past developments into the present time and the reasonably foreseeable future for a more accurate analysis of variability and significant long-term effects;	Yes	
			§ Alternatives analysis: CEA requires the explicit creation of alternative development scenarios and analysis of potential cumulative effects associated with each option. Therefore, the Proponent should endeavour to ensure its CEA addresses the alternatives presented under Section 6.4 of these Guidelines;	Yes	Brief results of alternatives considered, or where there are no alternatives are presented in Vol 2, Section 4.3.2
			§ Consideration of effects on VECs and VSECs: An effective CEA will allow the Proponent to more accurately assess how the interaction of impacts from the various Project components and activities, and those from other past, present and reasonably foreseeable projects (including exploration), might impact in a cumulative fashion on selected VECs/VSECs; and	Yes	
			§ Evaluation of significance: Effective CEA requires identifying and predicting the likelihood and significance of potential cumulative effects, including direct, indirect and residual impacts. The Proponent shall consider and determine the significance of the cumulative effects using the criteria described	Yes	Vol 6 pg 21 (of digital copy) outlines that the cumulative effects to caribou are not significant because not a lot of caribou has been present in the LAA, and if they are, they are only present for a short time.
			§ Justify the environmental components that will constitute the focus of the CEA. The Proponent's assessment should emphasize the cumulative effects on the main VECs/VSECs that could potentially be most affected by the Project;	Yes	
			§ Present a justification for the spatial and temporal boundaries for the CEA. It should be noted that these boundaries can vary depending on the VECs or VSECs assessed. The Proponent shall give due consideration to the potential for cumulative effects that may be transboundary;	Yes	
			§ Discuss and justify the choice of projects, components and selected activities for the CEA. These shall include past activities and projects, those currently being carried out and any reasonably foreseeable project or activity. Activities should not be limited to exploration and mining-related activities but include other factors not related to mining (e.g., wildfires, roads/airstrips developed for non-mining activities, etc.);	Yes	Discussion of CEA scattered throughout Volumes 2-9 and there is not one clear chapter that brings all this information together
			§ Discuss how the radiological releases from this project could act in association with past projects, other current ongoing activities or reasonable foreseeable future activities within the RSA; and	Yes	
			Discuss the mitigation measures that are technically and economically feasible, and determine the significance of the cumulative effects. If any impact is identified and verified beyond the Proponent's sole responsibility or capacity, the Proponent shall make best efforts to identify other responsible parties in order to mitigate the impact collectively.	Yes	General statement that the cumulative effects are not significant

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	7.12	Transboundary Impacts	The Proponent shall give due consideration to the potential for transboundary impacts which may be a result from interactions between the effects of the Project in the NSA, and the effects of projects located outside the NSA.	Partially	Although the Proponent's conformity table in Vol 1 Tab B indicates Vol 3, 4, 5, 6, 7, 8, and 9, please note that the word transboundary does not appear in Vol 3, only referring to NIRB requirement in Vol 4, states no anticipated noise or vibration transboundary effects in Vol 4(2nd binder), Vol 5 only states the NIRB requirements, Vol 6 states that the effects would be at a LAA scale, Vol 7 states not significant in marine environment, Vol 8 restates the NIRB requirement only, Vol 9 states no transboundary effects foreseen, and Vol 9 (2nd part) only restates NIRB requirement.
			The potential for transboundary impacts related to cumulative effects associated with this Project shall also be defined.	Yes	Proponent determines early in the document that neither are significant
			Where feasible, the potential for transboundary impacts should be considered for all VECs and VSECs identified by the Proponent, with specific consideration given to the potential for transboundary impacts associated with marine shipping on marine mammals, migratory birds and seabirds, and their habitat, as well as the large migration range of land mammals such as caribou.	Partially	Only some VEC/VSECs defined (see note 2 cells above); only for marine environment, migratory birds, owls, caribou, muskox, and vegetation.
			Any residual effects which have the potential to occur outside of the NSA shall also be included in the Proponent's evaluation of transboundary impacts.	Yes	Vol 9 states that no transboundary effects are foreseen
	7.13	Indicators and Criteria	The Proponent shall identify the indicators and/or criteria selected for assessing the potential impacts of the Project, including any cumulative and transboundary impacts, and shall justify their selection. In doing so, the Proponent shall describe the role played by consultation with members of the public and technical experts.	Yes	No key indicators for soil, vegetation or terrain, selected as VEC
			In its discussion of indicators, the Proponent shall emphasize the linkage between those indicators and the relevant VECs or VSECs. The indicators for the VECs should include sensitivity to contaminants and environmental pathways of exposure and bio-magnification.	Yes	
			In the process of significance determination, the Proponent is expected to communicate with potentially affected communities, including relevant individuals and organizations to solicit input and incorporate their views regarding the value it placed on a VEC or VSEC, as well as associated significance of impacts. The Proponent shall describe how it will determine the significance that different parties assigned to each impact, and how it will proceed if different parties ascribe varying significance to VECs, VSECs or the associated impacts. If it is impossible to attain a consensus on the significance of certain impacts, the Proponent shall present the range of viewpoints expressed and shall present and justify its preference, if any. Finally, the Proponent shall describe the significance it ascribes to each effect, and justify how the significance of the effect was determined, taking into consideration and avoiding duplication of, the information provided above.	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	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 account global climate change. 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.	Yes	
			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.	Yes	
			The following attributes defined by the NIRB shall be taken into consideration in determining the significance of each impact:	Yes	
			§ Direction or nature of impact (i.e., positive/beneficial versus negative/adverse);	Yes	
			§ Magnitude and complexity of effects;	Yes	
			§ Geographic extent of effects;	Yes	
			§ Frequency and/or duration of effects;	Yes	
			§ Reversibility or irreversibility of effects; and	Yes	
			§ Probability of effects.	Yes	
			In addition, the NIRB considers other relevant attributes in assessing the significance of impact:	Yes	
			§ Ecological or socio-economic context/value;	Yes	
			§ The environmental sensitivity of the area likely to be affected by the project;	Yes	
			§ The historical, cultural and archaeological significance of the geographic area likely to be affected by the project;	Yes	
			§ The size of the affected human populations, and the size of the affected wildlife populations and related habitat;	Yes	
			§ The extent of the effects of the project on other regional human populations and wildlife populations, including the extent of the effects on Inuit harvesting activities;	Yes	
			§ The potential for cumulative adverse effects given past, present and future relevant events;	Yes	
			§ Effects on ecosystem function and integrity;	Yes	
			§ The effect on the capacity of resources to meet present and future needs; and	Yes	
			The value attached to the impacted VEC or VSEC by those who identified them.	Yes	
	7.15	Certainty	The Proponent shall also assess the degree of uncertainty associated with each predicted effect. The level of certainty with predictions is related to limitations in the overall understanding of the ecosystem and limitations in accurately foreseeing future events or conditions. The Proponent shall provide a reasonable description how uncertainties have been dealt with, for example through elements of the project design, monitoring and contingency plans design, etc.	Yes	
	8.0	Project Environment and Impact Assessment	The EIS shall provide a complete analysis of the predicted effects from the Project on the biophysical and socio-economic environments and will serve as a basis for developing various mitigation and monitoring plans to eliminate and/or minimize the potential impacts from the Project.	Yes	
	8.1	Biophysical Environment and Impact Assessment	The Proponent shall present relevant information pertaining to the biophysical environment and associated processes to be assessed (see Section 7.3), to serve as a baseline against which the potential impacts of the Project can be measured. Information should be presented in the form of a "Conceptual Site Model" with clear links to ecological and human health risk assessment presented throughout the document. Baseline summaries should also include trends and how the environment is expected to change over the life of the Project.	Not sure	Did not find conceptual site model
			The baseline biophysical environment must include a description of baseline radiological conditions of sufficient detail to allow the impacts of the Project to be assessed using subsequent monitoring information. This would include the results of surveys of radiological conditions of the existing environment, including a description of any significant gaps or uncertainties in the measurements. In describing the biophysical environment, the Proponent shall take an ecosystemic approach that takes into account both scientific and TK perspectives regarding ecosystem health and integrity.	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			In its impact assessment, the Proponent should identify and justify the thresholds or indicators, and further relate them to Project monitoring and follow-up measures. For each predicted negative impact in this section, associated mitigation measures should be discussed to the extent possible, with references to project design (Section 6.1) and environmental management systems (Section 9.0). The Proponent should also include a treatment on the temporal aspect of when potential impacts on each relevant VEC could reasonably be expected to manifest.	Partially	Only found discussions on thresholds and/or indicators. Did not find discussion on temporal aspect
	8.1.1	Air Quality	Baseline Information		
			Background air quality data and data related to atmospheric conditions collected in the LSA and RSA including where relevant radon-222, airborne dust (total suspended particulates (TSP), PM ₁₀ and PM _{2.5} , radioactive constituents, and/or metals), GHG emissions, hydrochloric acid (HCl), and standard air contaminants such as sulphur dioxide (SO ₂), nitrogen oxides (NO _x), carbon monoxide (CO), hydrocarbons, ozone (O ₃), etc.;	Yes	
			Current sources of potential activities which may contribute acidic precipitation; and	Yes	
			Current sources of emissions and seasonal variations or climatic conditions associated with variations in air quality.	Yes	
			Impact Assessment		
			Discussion of the standards, guidelines and regulations that the Proponent will incorporate to minimize and mitigate effects to air quality;	Yes	
			Predictions of principle pollution emission sources and emission rates of both radiological and non-radiological emissions from the Project at various stages, including:	Yes	
			Gaseous emissions from the fuel consumption of mobile equipment such as vehicles, marine vessels, aircrafts, and stationary equipment such as diesel generators and other combustion sources	Yes	
			Fugitive dust and gaseous (i.e., radon) emissions from extraction and ore processing, handling, tailings, waste rock and ore stockpiling, quarries and other Project components and works	Yes	
			Fugitive dust emissions from ground transportation and wind erosion at various Project components including the all-weather road, access roads and mine hauling roads	Yes	All discussed as one component
			Assessment of dispersion of Project emissions using a LSA and RSA, using appropriate modelling, and discussion of related impacts and mitigation strategies;	Yes	
			Discussion of Project components and activities which may contribute to the potential for acidic precipitation, and an evaluation of associated effects;	Yes	
			Assessment of effects on air quality from Project emissions during various Project stages; including radon-222, airborne dust [total suspended particulates (TSP), PM ₁₀ and PM _{2.5} , radioactive constituents, and/or metals], GHG emissions, HCl, and standard air contaminants such as SO ₂ , NO _x , CO, hydrocarbons, O ₃ , etc.;	Yes	
			Assessment of the Project's GHG contributions to both Nunavut and Canada; and	Yes	
			A discussion of the potential effects of changes in air quality on human health	Yes	
	8.1.2	Climate (including climate change) and Meteorology	Baseline Information		
			A description of the baseline meteorological and climatic conditions at the LSA and RSA, including methods of determination including a discussion of how data from outside the project area may have been utilized and uncertainties encountered;	Yes	
			Meteorological data including but not limited to: air temperature, precipitation, evaporation and sublimation rates, wind directions and velocity, and prevailing wind directions at areas of project components and along proposed shipping route(s);	Yes	
			Annual, seasonal, monthly and daily average/mean values of above noted meteorological parameters; seasonal and yearly fluctuations and variability; and extreme climate events over the same period of time in which the data, including site-specific data are collected in the RSA of the Project; and	Yes	
			Prevalent trends related to VECs in the Project area and any resulting implications to the Project.	Yes	
			Impact Assessment		
			Discussion of the relationship between climate change and GHG emissions from the Project; and	Yes	
			Discussion on the climate parameters that may change due to emissions (GHG, HCl, and standard air contaminants such as SO ₂ , NO _x , CO, hydrocarbons, O ₃ , etc.) from the Project.	Yes	
			Baseline Information		

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.1.3	Noise and Vibration	Description of baseline noise and vibration levels in the Project area, including a discussion on variability, and if applicable, their relationship with local weather conditions, seasonal variations, etc.;	Partially	Discussion centres around similar sites. No discussion on weather conditions
			Review of available studies/research the potential impacts of noise and vibrations on wildlife behaviours and health in both terrestrial and marine environments, with a focus on noise from similar mining and shipping operations, in comparable climate and geographical regions if possible. Emphasis should be placed on level of noise and the identification of noise sensitive species, timing, etc.; and	Yes	All information split in document and hard to find. Part A and B in volume 4 are not tabbed and easy to find. The Volume 4 Part B only deals with Human health. If want Terrestrial go to Volume 6; marine mammals volume 5 & marine environments Volume 7.
			Review of available studies/research on the potential impacts of noise and vibrations from blasting in or near freshwater and marine environments	Partially	Some modelling information provided
			Impact Assessment		
			Description of anticipated noise and vibration levels from all relevant Project equipment and activities;	Partially	Describes some anticipated noise and vibration levels but then identifies technical boundaries.
			Discussion of the standards, guidelines, thresholds and regulations that the Proponent will comply with to minimize and mitigate impacts associated with noise and vibrations;	Yes	
			Potential increase to atmospheric noise levels from Project activities at different project stages, including those contributions arising from:	Yes	Information scattered
			Ground transportation, including mine traffic and other access roads	Partially	No discussion on vibration for terrestrial environment. Soil stability is affected by vibrations as well as the terrestrial environment including underground mining vibrations
			Air transportation	Partially	See above note on vibration affecting soil stability
			Equipment use at mine and construction sites, including power generators	Yes	Atmospheric Environment only
			Mine site operations: blasting, drilling, crushing, screening, transport and stockpiling activities	Yes	Atmospheric Environment only
			Potential changes in marine noise levels due to shipping activities, as well as noise propagation in the marine environment; and	Partially	Some discussion provided but none regarding cumulative effects
			Potential impacts of noise and vibration on the following:		
			Humans in close proximity to noise generating sources	Yes	
			Terrestrial wildlife, with a focus on caribou and migratory birds	Partially	Did not discuss seabirds
			Marine mammals	Yes	
			Fish in fresh water and marine environments	Yes	
			Baseline Information		
			Description of existing unique or valuable landforms (e.g., eskers, fragile landscapes, wetlands), including details regarding their ecological functions and distribution in the LSA;	Yes	Please note that there are inaccuracies in the glossary at the beginning of Vol 6
			Description of existing or proposed protected areas, special management areas, and conservation areas in the RSA;	Yes	
			Discussion of the geomorphologic and topographic features at areas proposed for construction of major project components, including the type, thickness, and classification and distribution of soils as applicable;	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.1.4	Terrestrial environment including terrestrial ecology, geomorphology and soils	Description of the bedrock lithology, morphology, geomorphology and soils (including sediments and the thermal and ground ice conditions) at proposed borrow and quarry sites, and other areas where earthworks are proposed. If eskers are identified as a potential source of granular material then a description of granular material properties, including thermal condition and ice content, should also be described;	Yes	
			Discussion of the potential of geohazards, that may potentially affect the project or which occurrence may potentially be affected by the project (e.g., slumping, landslides, potential slippage, seismic hazards) at areas planned for Project facilities and infrastructure; and	Yes	
			Assessment of naturally occurring radiation levels in the environment including identification of natural sources.	Yes	
			Impact Assessment		
			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;	Yes	
			Potential impacts on the abundance and distribution of unique or valuable landforms (e.g., wetlands, eskers and fragile landscapes) from the Project;	Yes	
			Potential for shoreline erosion as a result of wake effects and increased open water due to potential ice breaking activities along proposed shipping route(s);	Partially	No discussion on ice breaking provided and potential effects
			Potential for soil erosion, including stream bank erosion, resulting from surface disturbances associated with the Project components during all Project phases; and	Yes	
			Potential impacts to soil quality from compaction, the deposition of air emissions and airborne fugitive dust emissions and/or spills from the Project; and	Yes	
			Predicted changes to radiation levels as a result of the Project.	Yes	
	8.1.5	Permafrost and Ground Stability	Baseline Information		
			Discussion of the relationship between permafrost processes and active layer, surface waterbodies and topography;	Yes	Information scattered
			Details regarding the suitability of topsoil and overburden for use in the re-vegetation of surface-disturbed areas;	Yes	
			Description of permafrost distribution in the LSA, including areas of discontinuous permafrost, high ice-content soils, ice lenses, thaw-sensitive slopes, and talik zones;	Yes	
			Description of permafrost temperatures at areas planned for Project facilities and infrastructure, including discussion of sensitivity to climate change, and implications for stability and safety of infrastructures;	Yes	
			Collection of site specific thermal properties such as thermal conductivity, heat capacity, and latent heat, etc. of permafrost soils and permafrost rocks; and	Yes	Question robustness of collection of data
			Sites of paleontological or palaeobotanical significance within the LSA.	Yes	
			Impact Assessment		
			Implications to the Project planning and design of baseline information related to terrain conditions, in particular permafrost, sensitive landforms, high ice-content soils, ice lenses, thaw-sensitive slopes, and talik zones;	Yes	
			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;	Yes	
			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 tailing 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; and	Yes	
			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).	Yes	
			Baseline Information		
			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;	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.1.6	Geology	Description of structural geology, such as fractures and faults, at major project infrastructure areas and where earthworks are proposed (e.g., Kiggavik Mine site, Sissons Mine site, Baker Lake dock site, Storage Facility, etc.);	Yes	
			Typical regional and local cross-sections of the general geology should be provided showing the geological units and their elevation, groundwater table, and linear geological structures;	Yes	
			Description of the geotechnical properties of bedrock and soil units, including ice content and thermal conditions of permafrost soils and rocks, as relating to slope stability, underground stability, and bearing capacity of facility foundations; and	Yes	
			Acquisition of the in-situ stress either with in-situ investigation or from other sources with reasonable confidence.	Yes	
			Impact Assessment		
			Potential geotechnical and geophysical hazards within the Project area, including potential seasonal subsidence, seismicity and faulting, risks associated with cut/fill slopes, underground excavation, and surface constructed facilities. Where appropriate, the assessment should be supplemented by analysis and illustrations such as maps, figures, cross sections and borehole logs;	Yes	
			Potential effects on foundation stability of major Project components from geological fractures and faults, and associated implications of these features on project planning and engineering design. Those Project components assessed shall include, but are not limited to the docks facilities, major watercourse crossings, open pits, underground mine, and equipment pads; and	Yes	
			Risk assessment and predictions, with proposed management measures.	Yes	General discussion throughout volumes 2 & 6
	8.1.7	Hydrology (including water quantity) and Hydrogeology	Baseline Information		
			Description of hydrology of the LSA (e.g., streams, surface water flows, subsurface water movement, ice formation, and melt patterns);	Yes	
			Description of relevant hydrological regimes, drainage basins, watershed boundaries and site water balance in the RSA;	Yes	
			Description of natural fluctuations, variability, and sources of variability in flow rates, including seasonal fluctuations and year-to-year variability, and the interactions between surface water and groundwater flow systems;	Potentially	Some discussion provided in Volume 5B
			Description of the timing of freeze/thaw cycles, flood zones, ice cover (seasonal patterns and spatial variation), and ice conditions and typical thicknesses, formations and melt patterns;	Partially	Could not find reference to flood zones
			Description of hydrological characteristics of streams, rivers, and lakes in each watershed of the RSA. Items listed should be considered within the context of the range of climate conditions expected (include both climatic variability such as potential for extreme events, seasonal changes);	Yes	
			A conceptual and numerical hydrogeological model that discusses the hydrostratigraphy and groundwater flow systems should be presented;	No	No model found. Only provided field data in Vol 5B
			Characterization of faults and fractures within the mine area, including information about occurrence, hydraulic conductivity testing and interpretation;	Yes	
			Description of interactions between permafrost, surface water and ground water, and topography, as well as rock fractures and talik zones between different surface/ground waters;	Yes	
			Description of permafrost/talik distribution, permeability and hydraulic conductivity of the underlying materials; and	Yes	
			Description of existing groundwater regimes, distribution characteristics and flow paths in the Project area, including any instances of frozen groundwater within/around the identified deposits.	Yes	
			Impact Assessment		
			Discussion of the potential impact of variable and extreme stream-flows on Project design and planning, including proposed water crossings;	n/a	
			Potential impacts to existing water sheds from surface water diversions required by mine site development and other Project components (e.g., waste rock stockpiles);	Yes	
			Evaluation of storm water runoff throughout the LSA, with consideration for potential impacts to receiving waters (e.g., flow rates and flow patterns);	Partially	No reference to storm water runoff, need better definition for runoff
			Potential impacts to natural drainage patterns from the construction and operation of proposed mine facilities;	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Potential impacts on terrestrial and aquatic wildlife habitat resulting from the modification or redirection of natural flows;	Partially	Only discussed fish habitat
			Potential for ice damming and resultant effects on other resources;	No	Only discussed monitoring, no impacts discussed
			Assessment of each water crossing and in-stream work, and potential impacts to the navigability and safety of the watercourses;	Partially	Navigability not discussed
			Potential changes to permafrost and ground ice conditions as a result of Project activities, including an analysis of the potential for groundwater inflow into the open pit; and	Yes	
			Potential changes to permafrost/talik distribution, groundwater distribution and flow paths.	No	Only discussed potential effects if no permafrost due to climate change
			Baseline Information		
			Identify all sources of drinking water (surface and groundwater), as well as water used for recreational purposes, within the area of influence of the project;	Yes	
			Description of the natural hydrogeochemistry of groundwater system [pH, redox, total dissolved solids (TDS), isotopic composition];	Yes	
			Description of the physical and chemical characteristics of groundwater and surface water in the LSA, with discussion of seasonal variations of water flow and quality. Chemical characteristics should include baseline levels of contaminants and radionuclides (<i>i.e.</i> , U-238, Th-230, Ra-226, Rn-222, and Pb-210) and should be compared to relevant water standards/guidelines;	Yes	
			Discussion of waters in the LSA of importance to local harvesting activities by surrounding communities;	Yes	"...immediate area of the Kiggavik mine site is not a frequently used harvesting area although fishing has been important in the larger lakes around the mine site in the past."
			Description of lake bathymetry and limnology in the LSA;	Yes	
			Discussion of fluvial geomorphology and stability as related to proposed water crossings; and	Partially	General description-none directly related to water crossings
			Provide baseline levels and any anticipated increases in contaminants and radionuclides associated with the Project in surface water and ground water.	Yes	
			Impact Assessment		
			Provide details on what the specific contaminants of potential concern to the Project are, the rationale for selecting them and for determining which will be carried forward into the impact assessment;	Yes	Only surface water discussed
			Provide predicted increases in contaminants and radionuclides in groundwater and surface water as a result of the Project, specifically identifying any waterbodies used as drinking water sources or for recreational purposes. For any water sources identified as being current or future drinking water sources, compare concentrations of contaminants including radionuclides to relevant territorial drinking standards/guidelines and/or Health Canada Drinking Water Guidelines (Health Canada, 2010);	Partially	No comparison of Mushroom and Siamese lakes WQ to drinking standards. Only comparison to CCME
			Potential impacts on groundwater quality and surface water quality in surrounding lakes and rivers from surface runoff, traffic on Project roads, and from dust from road traffic;	Yes	
			Potential impacts on groundwater quality and surface water quality of lakes and rivers 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:		
			Water quality from specific sources	Yes	
			Water quality discharged to the environment	Yes	
			Dispersion, dilution and assimilation of effluent discharged to the environment	Yes	
			Potential impacts on groundwater quality and surface water quality from ARD and ML resulting from waste rock stockpiles, ore stockpiles, open pit dewatering, construction fills, embankment of roads, and open quarry sites;	Yes	No direct discussion on ARD and ML
			Potential impacts of faults on contaminant transport processes in subsurface and surface water quality;	Yes	
	8.1.8	Groundwater and Surface Water Quality			

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Potential impacts on surface water quality of nearby lakes and streams as a result of nutrient input from blasting activities;	Yes	No direct discussion on nutrient input from blasting, only discussed input from dust deposition. Appendix 2B referred to by AREVA does not discuss nutrient input
			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;	Yes	
			Potential impacts on surface/ground water quality from runoff at fuel storage facilities, with consideration for possible fuel spills and malfunctions;	Partially	Discusses runoff from mine site facilities but no direct discussion on fuel storage facility runoff and impacts.
			Potential impacts on surface water quality from accidental spills of fuel and chemicals, or uranium concentrate along the ground transportation routes;	Yes	
			Potential impacts on surface water quality from the deposition of particulate matter resulting from the incomplete combustion of wastes from incineration;	Yes	
			Potential impacts on groundwater and surface water quality in relation to other site waste management activities, including: storage, handling, landfilling of waste; landfarming of contaminated ice, snow and/or soil; the management of historical contaminated material (e.g., previous spills, mishaps, releases, etc.), and sewage effluent discharges;	Yes	
			Potential impacts on surface water quality from construction and operation of camps;	Yes	
			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; and	Yes	
			Potential impact of ongoing exploration activities on surface water quality from drilling water withdrawals and returns.	Yes	
	8.1.9	Sediment Quality	Baseline Information		
			Description of the physical and chemical characteristics (including radionuclides) of the sediment quality in the LSA;	Yes	Incorrect reference in AREVA's conformity table
			Description of sedimentation rates and dispersion patterns of waterbodies within the LSA; and	Yes	Incorrect reference in AREVA's conformity table
			For the sedimentation deposition rates, flow models and sediment dispersion models should be provided that outlines not only the rate of sediment deposition but also the location. Provide linkage of this baseline information with the hydrology baseline information (Subsection 8.1.7.1).	Yes	LAKEVIEW Model, Incorrect reference in AREVA's conformity table
			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;	Yes	
			Potential sedimentation and infill rates of drainage areas that might be impacted by the Project;	No	No discussion provided
			Potential impacts on sediment quality of lakes and rivers from discharges of Project waste water treatment plants;	Yes	
			Potential impacts on sediment quality from ARD and ML resulting from waste rock stockpiles, ore stockpiles, open pit dewatering, construction fills, embankment of roads, and open quarry sites;	Yes	No direct discussion on ARD and ML
			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;	Yes	
			Potential impacts on sediment quality of nearby lakes and streams as a result of nutrient input from blasting activities;	Yes	No direct discussion on nutrient input from blasting, only discussed input from dust deposition. Appendix 2B referred to by AREVA does not discuss nutrient input
			Potential impacts on sediment from runoff at fuel storage facilities, with consideration for possible fuel spills and malfunctions;	Partially	Discusses runoff from mine site facilities but no direct discussion on fuel storage facility runoff and impacts.

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Potential impacts on sediment quality from the deposition of particulate matter resulting from the incomplete combustion of wastes from incineration;	Yes	
			Potential impacts to sediment quality in relation to other site waste management activities, including: the storage, handling, landfilling of waste; landfarming of contaminated ice, snow and/or soil; the management of historical contaminated material (e.g., previous spills, mishaps, releases, etc.), and sewage effluent discharges; and	Yes	
			Potential impacts on sediment quality from construction and operation of camps.	Yes	
			Baseline Information		
			Description of the limnology, freshwater biota, presence of fish and other freshwater species (with emphasis on species that perform particularly significant ecological functions), associated habitats and habitat distribution in the RSA and the LSA. This description should be based on the results of baseline information collected from studies, available published information and/or information resulting from community consultation.	Partially	Provided an overall description of fish populations within NT and NU, no other discussions for RSA
			Description of the biological composition of freshwater aquatic environments in the LSA, including: trophic state, periphyton, macrophytes, phytoplankton, zooplankton, benthic invertebrates, fish, and the interactions and relative significance of each trophic level identified in the food chain;	Yes	
			Description and population distribution of fish species in the LSA with a focus on arctic char, and including the potential seasonal and annual trends in abundance and distribution of species, their migratory patterns, routes and preferred corridors, and the corresponding sensitive periods when routes include habitats potentially affected by the Project;	Yes	
			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;	Yes	
			Description of existing freshwater habitat in waterbodies and watercourses (including littoral zones, aquatic and riparian vegetation, lake bottom characteristics, fish overwintering areas, the estimated productive capacity, etc.) within the LSA;	Yes	
			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;	No	No discussion on SARA for RSA
			The health of fish VEC indicator species populations and their contaminant loadings; and	Yes	
			Discussion of any other issues relating to freshwater aquatic species or habitat identified through public consultation.	Yes	
			Impact Assessment		
			Potential impacts to fish, invertebrates, aquatic macrophytes, and freshwater habitat including potential impacts to water and sediment quality. Consideration should be given to impacts associated with the following: water withdrawals; discharge; redirection of natural flows; explosives use; nutrient and contaminant inputs; and sewage and grey water effluent discharge;	Yes	
			Potential direct or indirect effects on fish and invertebrate biota and habitat of both, including aquatic species at risk, from any changes to the aquatic or riparian environments, as a result of any in-water works or Project activities in close proximity to waterbodies;	Yes	
			Potential impacts to fish due to blasting in or near waterbodies, including noise and vibration impacts;	Yes	
			Potential impacts to fish and fish habitat from any infilling of lake, wetland or stream habitats associated with road construction(s);	Yes	
			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;	Yes	
			Potential impacts on identified fish habitat critical for spawning, rearing, nursery and feeding, seasonal migration, winter refuges and migrations corridors;	Yes	
			Evaluation of the ability of fish to pass at water crossings along access roads and the Thelon River crossing;	Yes	
			Potential impacts to fish health, distributions and populations especially taking in to consideration radioactive contamination and fugitive dust and potential impact to human health due to consumption of these fish; and	Partially	Only discussed radioactivity not fugitive dust
			Quantitative assessment of the ecological risks to freshwater VECs from the potential elevated contaminant loadings as a result of the Project.	Yes	
			Baseline Information		
	8.1.10	Freshwater aquatic environment including aquatic ecology, aquatic biota (including representative fish as defined in the <i>Fisheries Act</i> , aquatic macrophytes, benthic invertebrates, and other aquatic organisms) and habitat			

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Description of ecological zones, and other relevant classifications of plant associations and phenologies in the LSA;	Yes	Very broad discussion, e.g. marshy vs esker
			Description of the vegetation/plant types in the LSA, including estimated percentage cover and height for principal species, with a discussion on their particular significant ecological functions and/or their importance to wildlife and humans;	Yes	
			Details regarding associations between vegetation cover types and soil types in the LSA;	Yes	
			An overview of vegetation species, populations, distributions and ecologies in the RSA, with emphasis on identified vegetation VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC). This description should include reference to species having significant ecological functions, and/or importance for Inuit life and culture including TK collected related to plants and plant use in the RSA;	Yes	
			Presentation of available published information and/or information resulting from TK studies regarding identified VECs,	Yes	
			Discussion of the health status of plant species or communities in the LSA, including baseline information on contaminant levels (including metals and radionuclides) in representative species consumed by wildlife and/or humans, either directly (humans eating plants) or indirectly (humans consuming wildlife), and other vegetation that reflects sensitivity to contaminants or environmental pathways of exposure and biomagnification;	Yes	
			Details regarding species that are culturally valuable to northerners; and	Yes	
			Any other issues related to vegetation and identified through public consultation.	Yes	Indicated that because of discussions with Elders, use of plants for tea and medicinal/traditional use is considered insignificant
	8.1.11	Vegetation	Impact Assessment		
			Potential impacts to abundance and diversity of vegetation due to Project activities;	Yes	
			Potential impacts to specific vegetation coverage and species composition from construction, operation, and reclamation activities in the Project area;	Yes	
			Assessment of the potential loss, disturbance, and/or changes to vegetation abundance, diversity, and forage quality as a result of Project components and activities, including potential effects from airborne fugitive dust fall, airborne contaminants from emission sources, and changes to water quality and quantity, permafrost, or snow accumulation;	Yes	Relying on the "preservation of vegetation seed bank within the stripped topsoil" for recovery efforts
			Potential impacts on vegetation abundance and diversity from the transfer/introduction of invasive or exotic species into the LSA via Project equipment and vehicles, including aircraft and marine vessels;	Yes	General reference - details to follow later
			Potential impacts to vegetation of cultural or practical value to northerners;	Yes	Using only the 4 berry types as indicators, and not plants for tea, medicinal, cultural, or other uses
			Potential direct and indirect loss of vegetation and associated habitat from construction of the all-weather road and the Thelon River crossing;	Yes	
			Potential impacts on vegetation quality due to soil erosion, structural soil changes, soil contamination, and fugitive dust and gaseous air emissions from mining, milling and waste management activities;	Yes	
			Discussion of proposed vegetation monitoring, specifically contaminant levels in species directly consumed by wildlife (e.g., lichen) and/or humans (e.g., Labrador tea, blueberries) and/or indirectly consumed through food consumption (i.e., caribou) especially taking into consideration radioactive contamination;	Yes	
			Discussion of the management measures for minimizing/mitigation of disturbances to plant associations, including progressive reclamation/re-vegetation plans for disturbed areas, and measures to reduce the potential for establishment of invasive species in the area; and	Yes	General description
			Discuss the potential of invasive vegetative species (weedy species) from shipping along the shore line and along winter and all-weather roads.	Yes	General description
			Baseline Information		

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Description of wildlife populations, distributions and ecologies in the RSA, with emphasis on identified wildlife VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC). This description should include reference to species having significant ecological functions, and/or of importance for Inuit life and culture ;	Yes	
			Description of biodiversity within the RSA, and associated food chain relationships among terrestrial wildlife species, for example, there is an expectation that the potential for molybdenosis in wildlife sensitive to copper deficiency in northern environments such as muskox and caribou be addressed;	Yes	
			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;	Yes	
			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;	Yes	
			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);	Yes	
			Identification of key wildlife habitats in the LSA and RSA as applicable, including: National Parks, Critical Wildlife Areas 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;	Yes	
			Identification of habitats of any rare or sensitive species, such as Species at Risk, or those with similar designations or federal and territorial status;	Yes	
			Description of the migratory patterns and routes of terrestrial wildlife VECs and the corresponding periods when these routes would be affected by the Project;	Yes	
			Discussion of the relative health of VEC populations, including contaminant loading in representative wildlife VEC species, i.e., caribou;	Yes	
			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;	Yes	
			Details regarding available information on potential impacts to wildlife associated with noise, vibrations, and dust and dust deposition from relevant scientific research and TK; and	Yes	
			Discussion of other pertinent issues as identified through public consultation.	Yes	
			Impact Assessment		
		Terrestrial wildlife and wildlife habitat including representative terrestrial mammals including: caribou (including habitat, migration, and behaviour), muskoxen, wolverine, grizzly bears, wolves and less conspicuous species that may be maximally exposed to contaminants; and wildlife migration routes and crossings	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); and general disturbance or disruption caused by Project activities;	Yes	Information stated very generally and indicating that there is no data on the area because they are not working in a calving area
	8.1.12		Potential impacts on population size, abundance, distribution and behaviour of wildlife VECs from:		
			Direct and indirect loss of habitat from the presence of and use of infrastructure, the conduct of project activities and associated sensory disturbances	Yes	
			Direct and indirect impacts from potential degraded water quality and ground contamination, as well as airborne contaminants resulting from project facilities and associated activities	Yes	
			Direct and indirect impact from dust fall and accumulation on forage resulting from anthropogenic sources, and natural sources influenced by anthropogenic activities including effects of radioactive dust entering into the food chain and the transboundary dispersion as a result of migration	Yes	Information scattered. Vol 2 provides concerns raised by Elders, while Vol 6 provides discussion
			Direct and indirect impacts from potential ice-breaking (prior to spring break-up or fall freeze-up) associated with shipping activities, and ice management at the dock facility	Partially	No details provided, proponent stated that a longer open water period being observed
			Direct and indirect impacts from climate change	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
Project Environment and Impact Assessment			Where relevant, the Proponent shall take into account for alteration of normal behaviour or patterns and provide any associated outcomes for overall energy balance for the relevant VEC	Yes	
			Potential impacts on wildlife from ground traffic and air traffic disturbance, particularly low level flights (<i>i.e.</i> , 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;	Yes	
			Potential impacts on wildlife from injury or mortality caused by Project activities, particularly the use of the all-weather road, winter road, mine hauling roads and other access roads, as well as intentional killing of wildlife to defend human life or property by mine personnel;	Yes	Mortality rates are not known and in order to prepare mitigation measures, population assessment will have to be done with the HTO and GN
			Potential impacts on wildlife from increased hunting pressure resulting from improved access due to Project infrastructure;	Yes	Indicated as not a concern
			Potential impacts of noise and vibration on wildlife from drilling, blasting and other activities as results of Project construction and operation;	Yes	
			Assessment of the potential for Project activities to act as an attractant to wildlife species, and associated effect/changes to behaviour and condition;	Yes	
			Evaluation of the potential for contaminants especially radioactive contamination to be released into the environment as a result of the Project and to be taken up by VEC species; and	Yes	
			Evaluation of the relative health and potential for chemical or radiological toxicity for inherently sensitive wildlife species based on an analysis of exposure pathways and demographic parameters; for example, consideration of arctic ground squirrels and their radio sensitivity as a hibernator, consideration of lemmings and their unique population cycles, consideration of susceptibility of ruminants to molybdenosis, etc.	Yes	
	8.1.13	Birds including raptors, migratory birds and seabirds, and their habitat	Baseline Information		
			An overview of bird species, populations, distributions and ecologies in the RSA, with emphasis on identified bird VECs and species with special designations (Species at Risk listed on Schedule 1 of the federal SARA and species with designations by the COSEWIC). This description should include reference to species having significant ecological functions, and/or importance for Inuit life and culture;	Yes	
			Description of current habitat use by VECs, including the use of Migratory Bird Sanctuaries, Key Migratory Bird Sites, and other important habitats (e.g., breeding and nesting sites and staging areas) in the RSA and along the proposed shipping route(s).	Partially	Seabirds eliminated as VEC
			Description of the relative seasonal/annual abundances, distributions and trends in range or habitat use, movements and population status of bird VECs;	Partially	Seabirds eliminated as VEC
			Description of migratory patterns and routes of VECs potentially impacted by the Project, with a discussion of corresponding sensitive periods; and	Partially	Seabirds eliminated as VEC
			Identification of key migratory bird sites and important bird areas along the shipping route, including those which could potentially be affected by marine spills as a result of current and/or wind patterns.	Partially	Seabirds eliminated as VEC
			Impact Assessment		
			Description of the potential loss, alteration or alienation of habitat (e.g., staging and nesting habitats) as results of Project development. Special consideration should be given to Species at Risk listed on Schedule 1 of the federal SARA, species with designations by the COSEWIC, species having significant ecological functions, and /or of importance for Inuit life and culture;	Yes	
			Potential disruption or alteration of migration routes due to all Project phases and activities;	Yes	
			Where relevant, the Proponent shall take into account for alteration of normal behaviour or patterns and provide any associated outcomes for overall energy balance for the relevant VEC;	Yes	
			Potential impacts on birds and bird habitat use from air contamination, ground contaminants or degraded water quality;	Yes	
			Potential disturbances to birds from noise and vibrations as a result of blasting, and land and marine transportation;	Yes	
			Potential impact from pre-determined Flight Impact Zones, and potential for collision with aircraft;	No	
			Potential for Project facilities to attract wildlife such as grizzly bear, wolverine, foxes, ravens and gulls that may prey upon migratory birds and resulting impacts on the migratory bird populations;	Yes	Not assessed as best management practices would prevent attraction to site

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Potential attraction of birds and other scavengers/predators by domestic waste at camp sites;	Yes	Not assessed as best management practices would prevent attraction to site
			Potential attraction of birds to Project facilities and infrastructure for roosting and nesting sites;	No	
			Potential for bird mortality due to collisions with tall structures or overhead wires;	No	
			Potential effects of shipping on coastal birds and habitat, as well as potential disturbance on key migratory bird habitat areas and sanctuaries in proximity of shipping route(s) in the NSA; and	No	Seabirds eliminated as VEC
			Potential impacts of toxins especially taking in to consideration radioactive contamination through the food chain.	Yes	
	8.1.14	Marine environment including marine ecology, marine water and sediment quality, marine biota including fish and marine habitat	Baseline Information		
			Description of marine physical processes and currents, biological diversity and composition, and associated interactions in the RSA, including the proposed shipping route(s) within the NSA;	Yes	General information provided
			Presentation of available bathymetric information along the proposed shipping route through Hudson Bay and Hudson Strait, and along the Chesterfield Inlet;	Partially	Only provided Chesterfield Inlet, but no information for shipping route into Chesterfield Inlet to Baker Lake
			Description of the ice climate conditions in the LSA, including ice formation, thickness, ridging, break-up and movement as it relates to the shipping activities and any potential ice-breaking activities. Ice conditions along shipping route(s) should also be discussed using scientific studies as well as TK if possible, with consideration for predicted climate change and its possible effect on the timing of ice formation in the future;	Partially	Information provided on Hudson Bay and one station near Chesterfield Inlet. General discussion on ice formation provided based on TK (Vol 3). Climate change - only discussed ice cover. No discussion on ice formation from Chesterfield Inlet going to Baker Lake
			Identification of sensitive habitat areas for marine fish, anadromous fish and marine mammals along the shipping route(s); and	No	Habitat discussed for marine mammals. No discussion on sensitive habitat areas
			Presentation of TK collected related to coastal areas and ice conditions.	Yes	
			Impact Assessment		
			Potential risks and impacts to the marine ecosystem through the introduction of exotic species, including pathogens, through seasonal shipping with frequent voyages;	Yes	General information provided
			Potential impacts on marine resources and habitat by Project phase and activities (where applicable);	Yes	
			Potential impacts to marine water quality due to changes in sediment transport regime as a result of wake effects from shipping and other undertakings;	No	Referred to potential impact to water quality in summary, but no discussion on sediment transport or impacts to water quality
			Potential impacts of propeller wash effects to the surficial sediment and seabed;	No	
			Potential impacts on marine water quality from ballast water discharge within Canadian waters, in particular contaminated ballast water and/or other contaminants related to marine vessel operations and maintenance;	Yes	
			Potential impacts on marine water quality from: accidental spills of fuel and chemicals or uranium concentrate along the shipping route(s); and from the accidental grounding/stranding of marine vessels along the shipping route(s);	Partially	Only discussed accidental release of contaminants and pathogens in bilge and ballast in vol 7. Vol 2J discusses tanker design and grounding/breach of hull. No impacts discussed
			Potential impact on marine environment and bio-accumulation in marine food chains, in particular on benthic organisms, from antifouling toxins (e.g., tributyltin) leaching from marine vessels; and	Yes	Incorrect reference in AREVA's conformity table
			Potential impacts of climate change and sea level change on project elements.	Yes	
			Baseline Information		

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.1.15	Marine Wildlife	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;	Yes	
			Characterization of marine mammal habitat in the LSA, including habitat used by VECs for feeding, calving, nursing, over-wintering, and other critical activities;	Yes	
			Identification of marine mammals species, historical and current habitats distributions, seasonal migration patterns, critical areas (feeding area, calving areas, over winter areas, etc.), and potential interactions with shipping operation;	Yes	general historical information provided + interaction with noise described
			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 proximity of shipping route(s); and sensitive periods; and	Yes	
			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 seals and walrus.	Yes	Discussed as population abundance-no discussion on contaminant loadings
			Impact Assessment		
			Potential habitat loss or deterioration during critical lifecycle stages of marine wildlife VECs, including feeding, calving and nursing 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;	Yes	Discussed associated with noise impacts
			Potential direct and indirect impacts to marine wildlife, marine fish and marine habitat from marine shipping activities including increased noise levels;	Yes	
			Where relevant, the Proponent shall take into account for alteration of normal behaviour or patterns and provide any associated outcomes for overall energy balance for the relevant VEC;	Yes	Discussed increase energy expenditure
			Incidental spills, malfunctions and other accidents associated with shipping operations and potential impacts to marine wildlife, marine habitat and marine fish;	Partially	Only discussed accidental release of contaminants and pathogens in bilge and ballast in vol 7-no impacts discussed. Provided risk assessment in Vol 10
			Ballast water discharge, with discussion for the potential for discharge of contaminated ballast waters and related effects;	Yes	
			Risk assessment of the potential introduction and intrusion of non-native, nuisance and exotic species due to ballast water discharge and ship wash;	Yes	
			Potential interactions, accidental injuries and mortality of marine mammals directly or indirectly from proposed shipping (open water and potential ice breaking during break-up in the spring and freeze-up in the fall) activities, in particular those marine mammals, which congregate in areas where the shipping route(s) would pass through;	Partially	No discussion on ice breaking
			Potential direct and indirect effects on marine wildlife behaviour, distribution, abundance, migration patterns, species health and reproduction from marine shipping;	Yes	
			Evaluation of the potential for contaminants (including uranium concentrate) to be released to the environment and taken up by VECs as a result of the Project; and	Yes	
			Assessment of potential 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 route(s).	Yes	Indicated that no residual impacts to wildlife from project therefore no cumulative effects
			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 (decommission & reclamation) and post-closure]	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.2	Socio-Economic Environment	The Proponent shall also 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.	Yes	
			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.	Yes	
			The Proponent shall describe the interactions between the socio-economic and biophysical environments, including the roles of the land- and wage-based economies and the nature of the mixed economy of the North	Yes	
			Whenever relevant and appropriate, data shall be disaggregated by age, gender, and ethnic affiliation.	Yes	
			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 impacts. The EIS shall clearly identify and justify the Proponent's selection of indicators.	Yes	
			In addition, the Proponent should include a treatment on the temporal aspect of when potential impacts on each relevant VSEC could reasonably be expected to manifest.	Yes	
			Finally, 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.	Yes	
	8.2.1	Economic Development and Opportunities	Baseline Information		
			The traditional economy, current economic structure and development trends in the Project RSA and variability in potential impacted communities as well as in Nunavut;	Yes	
			The economic development levels in the Project RSA comparing to other regions in Nunavut, advantages and constraints of economy development;	Yes	
			The roles of renewable resources exploit (e.g., subsistence and commercial hunting and fishing) plays in economy and its significance for local economy;	Yes	
			Community and resident self-reliance; and	Yes	
			Overview of 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.	Yes	
			Impact Assessment		
			Potential impact on the local economy from regional level and community level as well as the implications of the Project on economic diversity;	Yes	
			Potential impact on the traditional economic activities including hunting, fishing and sport hunting /guiding, etc.;	Yes	
			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;	Yes	
			Potential impacts on local and regional economy due to temporary closure and final closure; and	Yes	
			Provide a discussion on the effects 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.	Yes	
	8.2.2	Employment	Baseline Information		
			The labour supply statistics in terms of relative genders, ages and other demographic categories;	Yes	
			Assessment of local labour force sources to satisfy the needs of the Project development at each phase, and identify gaps between availability and project needs;	Yes	
			Local household incomes, income sources, and compositions of income within the Project RSA;	Yes	
			Provide sector specific breakdown of employment within the NSA;	Yes	
			Existing local employment opportunities and labour supply status; and	Yes	
			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.	Yes	
			Impact Assessment		
			Assessment of the potential for development of local labour force;	Yes	
			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;	Yes	

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			Evaluation of the possible effect of changes in income earnings on patterns of savings, expenditure and consumption values; and	Yes	
			Evaluation of the effects of competition for labour between the Project and existing businesses, institutions, and traditional activities.	Yes	
	8.2.3	Education and Training	Baseline Information		
			Overview of the existing education system (early childhood through post-secondary);	Yes	
			Available training programs for adults and youth through the existing education system;	Yes	
			Local education infrastructure, capacity, funding resources, and administration system; and	Yes	
			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.	Yes	
			Impact Assessment		
			Assessment of project impacts to the education system and how it would influence training programs, etc. Include an evaluation on how the Project might affect attendance, retaining teachers, class sizes, etc.	Yes	
			Provide an assessment on the demands that might be placed on the educational infrastructure, capacity, funding resources and administration system;	Yes	
			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;	Yes	
			Discussion of potential need of local labour force training to meet the needs of the Project. Those training can be specific required by the Project, or for universally applicable skills that improve workers' opportunities in other sectors of the economy, this assessment shall include predicted training resources to meet the designed training programs if applicable;	Yes	
			Evaluation of training programs, if necessary and planned by the Proponent, associated challenges and likelihood of success to satisfy the Project needs and regional economy development with consideration of cultural and language barrier;	Yes	
			Discussion of the potential for longer term community capacity building programs, if any of those program have been planned or will be planned and anticipated to be implemented by the Project, regarding how mine training plans can enhance the transferability of skills after the mine closure (e.g., management and HR skills, computer skills, heavy equipment experience, finance skills); and	Yes	
			Discussion of other possible solutions to fill up the gap between requirements of project needs, and education level and qualifications of local labour force.	Yes	
	8.2.4	Contracting and Business Opportunities	Baseline Information		
			Most up-to-date statistics and data relating to contracting and business opportunities from socio-economic studies of communities in the Project RSA;	Yes	
			Estimates of goods supply, including country food supply for Inuit workers at mine, procurement, services contracting, and other business opportunities in the Project RSA from the Project; and	Yes	
			The economy structure and characteristics of local and regional economy, existing business types, scales of the different sectors of economy, and potential capacities to meet the needs from the Project.	Yes	
			Impact Assessment		
			Assessment of both negative and positive economic effects from the Project's contracting and business opportunities through Project lifespan;	Yes	
			Opportunities for local, regional, and territorial businesses to supply goods and services both directly to the Project, and indirectly to meet the demand created by the expenditure of new income by employment in the Project;	Yes	
			Assessment of the Project effects on other local and regional economic sectors, in particular the competition to other business' needs due to limited capacity of local business;	Yes	
			Assessment of the contributions made to public, communities and Inuit from the Project;	Yes	
			Assessment of the of project-related procurement, and potential capacity to meet Project needs;	Yes	
			Discussion on barriers to local business capacity building;	Yes	
			Assessment of existing country food supply sources from the Project region and Nunavut, and opportunities to supply for Inuit worker in Project;	Yes	
			Assessment of opportunities for local communities to diversify their economic sources and to supply new goods and services to meet the need from the Project; and	Yes	
			Potential impacts on local businesses and services due to temporary closure and final closure.	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.2.5	Benefits, Royalty and Taxation	Baseline Information		
			Potential taxation revenue based on relative genders, ages and other demographic category; and	Yes	
			Expectations and perceptions to the employment at the Project by the residents in the Project RSA.	Yes	
			Impact Assessment		
			Evaluation of the positive impacts from increasing revenues accruing through taxes to governments, royalties and benefit to potentially impacted communities as results of the Project;	Yes	
			An estimate, of how much fuel is expected to be sourced from the GN or from outside sources;	No	
			Scope, progress, and potential success of the development of an Inuit Impact and Benefit Agreement (IIBA) with the Kivalliq Inuit Association (KIA), with a discussion of considerations made for all potentially impacted communities in IIBA negotiations;	No, but waiting for draft	There are references stating that the IIBA is still being negotiated, no draft available or discussions provided
			The Proponent shall provide a summary of the draft IIBA exclusive of the financial commitments being negotiated; and	No, but waiting for draft	IIBA has not been negotiated
	8.2.6	Population Demographics	Any issues related to compensation required as a result of the Project.	Yes	
			Baseline Information		
			Description of regional and local community populations, demographics structure, composition, characteristics and population trends; and	Yes	
			Discussion of observed variations in education levels, dietary habits, religious characteristics and other social aspects in different demographics categories in the RSA.	Yes	
			Impact Assessment		
			Potential for Project-induced demographic changes in population, migration, re-distribution and the effects of those changes, including interactions between local residents and non-residents; and	Yes	
			Potential effects from various Project phases, including unemployment as a result of temporary suspension of operations or mine closure.	Yes	
			Baseline Information		
	8.2.7	Traditional activity and knowledge including harvesting, land use, food security, language cultural and commercial harvesting	Description of cultural, ethnic, religious, and language characteristics and diversities in the RSA;	Yes	
			Local and regional economy characteristics in term of relation to traditional land use activities and wage incomes;	Yes	
			Descriptions of the significance of, and level of dependence on country food as major nutrients sources by local residents within the Project RSA;	Yes	
			Use of caribou as a subsistence tradition, including harvesting, sustainable use of caribou, and the cultural and social activities specifically hunting, community feasts, making arts and crafts to maintain the people's traditional way of life;	Yes	
			Provide an overview of local and regional land use activities in the LSA as well as areas potentially impacted by shipping activities;	Yes	
			Description of current and traditional land use areas and the importance of those areas to Inuit culture and social well beings;	Yes	
			Description of known land use activities and relation to the local economy, self-reliance, food supplies and livelihood; and	Yes	
			Description of identified and anticipated overlapping zones and/or areas where the land use activities co-exist or interact with Project components and activities.	Yes	
			Impact Assessment		
			Potential effects of the Project on harvesting of caribou and other wildlife species; including potential impacts and risks of the Project to sustainability of caribou herds and other wildlife herds (<i>i.e.</i> , muskox), and to present and future generations of harvesters;	Yes	
			Potential impact on cultural and traditional values, traditional lifestyles and heritage coherence in the potentially affected communities from the Project;	Yes	
			Description on how the Proponent will comply with the <i>Official Languages Act</i> ;	Yes	
			Potential social-economic impacts from shipping, taking into account the impact on marine species on which local residents rely on as food sources;	Yes	
			Potential effects to loss of traditional way of life from potential increased levels of contaminants in traditional foods;	Yes	
			Potential changes in the traditional way of life and household function due to employment at the mine;	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Description of potential impacts resulting from a loss of opportunities to maintain traditional way of life due to decreased availability of caribou and other wildlife species;	Yes	
			Discussion of anticipated interactions between project development and land use activities by local residents in the Project RSA, in particular at mine site, all-weather road and shipping route(s);	Yes	
			Potential impacts related to accessibilities to areas for hunting, fishing, marine harvesting, traveling, recreational and religious activities as results of the Project development;	Yes	
			Potential effects on sustainable resources use, such as country food availability, accessibility of carving stones; traditional clothing in context of general impacts to wildlife and substantive harvesting, taking into account the CEA through the entire lifespan of the Project;	Yes	
			Impacts to users of ice travel routes, including safety concerns as a result of new cracks caused by shipping through ice as well as the potential for ice breaking during spring break-up and fall freeze-up; and	Partially	No discussion on ice breaking
			Discussion of positive and negative impacts the winter and all-weather access roads might have on Inuit harvesting activities.	Yes	
			Baseline Information		
	8.2.8	Non-traditional land use	Description of known non-traditional land and resource use including protected areas, visual and aesthetic resources; and	Yes	
			Describe the current tourism activities and recreational use occurring in the Project region, including a description of the Thelon River's recreational use.	Yes	
			Impact Assessment	Yes	
			Description of impacts to known non-traditional land and resource use including protected areas, visual and aesthetic resources;	Yes	
			Describe the potential impact on the tourism industry from the mine development which impairs the "wilderness experience" of tourism in the Project region; and	Yes	
			Describe the potential impacts on the Thelon River and the capability of supporting recreation activities with the development of the mine including the proposed northern all weather access route.	Yes	
			Baseline Information		
	8.2.9	Cultural, Archaeological and Palaeontological Resources	Summary description of known archaeological/paleontological, burial, cultural and historic, sacred and spiritual sites within the LSA, based on TK and scientific baseline studies. Each site shall be described on a map with a corresponding scale. Large scale maps should be sent to the Government of Nunavut, Department of Culture, Language, Elders and Youth (GN-CLEY) upon request, to assist in its review. The GN-CLEY is responsible for archaeological and palaeontological sites and the keeper of archaeological and palaeontological data and material;	Yes	
			Description of regulatory requirements and procedures for recovery and removal of artefacts and/or fossils in areas of proposed development; and	Yes	
			Description of the relationship between cultural sites and social lives of local communities in the LSA; and Description of the Thelon River's natural and cultural heritage and its importance to the Inuit and as a designated Canadian Heritage River.	Yes	
			Impact Assessment		
			Potential impacts to archaeological and paleontological resources (e.g., burial sites, sacred sites), and other cultural sites within the LSA from development of the Project infrastructure in particular the proximity to the all-weather road, Kiggavik mine site, Sissons mine site and the site haul road between Sissons and Kiggavik;	Yes	
			Potential impacts on paleontological/archaeological resources from increased Project activity in the area associated with mine including ground and marine transportations and ongoing exploration as well as non-mine related activities;	Yes	
			Potential impacts to archaeological resources as a result of borrow pit and quarry construction and operation, as well as construction and use of access roads. Discussion of how considerations for potential impacts have been incorporated in the road routing and design should also be presented;	Yes	Archaeological sites are not discussed site specific (ie Kiggavik and Sissons), but it is noted that archaeological studies have been done for the LSA
			Potential impacts on cultural well-being, religious and spiritual activities which are related to cultural and historic, sacred and spiritual sites; and	Yes	
			Identify the potential effects to both the natural and cultural heritage values of the Thelon River and how these values will be protected. Include a discussion on how the Thelon River Management Plan will be met.	Yes	Minimal discussion on how management plan will be met
			Baseline Information		

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.2.10	Individual and community wellness including family and community cohesion	Baseline Information		
			Description of the current individual and family well-being including a discussion on households, family and community stability;	Yes	
			Description of household social structures within the Project RSA, and where possible, the prevalent representative household social structure, including: the prevalent composition (family/kin-relations co-existing, generations in the household), the gender roles, the prevalent division of household labour based upon existing gender roles, the dominant consumption patterns, access to credit, and how resources are shared/divided within the household as well as how decisions are made in the household;	Yes	
			Description of the current status of human health in the RSA, including mental, and psychological health and well-being and identify vulnerable sub-groups where applicable;	Yes	
			Description of nutritional requirements of residents in the RSA along with quantitative information on the diet habits of residents, including consideration of details such as the seasonal, sex and age-related consumption of country foods;	Yes	
			Description on the current issues related to substance abuse, crime and violence, and other relevant social factors;	Yes	
			Overview of the current financial management programs available in the potentially affected communities; and	Yes	
			Description of the current community well-being, including information about the capacity, availability, and affordability, where relevant, of local services and infrastructure (i.e. housing, training, education, day care services, health care, etc.).	Yes	
			Impact Assessment		
			Description of potential impacts to individual and family well-being from the Project;	Yes	
			Potential impacts to household social structure from the Project (e.g., one or two family members working at the mine site);	Yes	
			Potential effects on lifestyle, including the effects of a major employment base away from the communities;	Yes	
			Potential effects on community and family stabilities, and culture integrity due to the demographic changes;	Yes	
			Potential impacts on human health and well-being within the RSA resulting from potential indirect effects of the Project (e.g., substance abuse, family violence, sexually transmitted infections and other communicable diseases and gambling);	Yes	
			Potential impacts on human health from soil ingestion associated with traditional lifestyles where large amounts of country foods are consumed, and from bioaccumulation and take-up of contaminants associated with changes to the level of contaminants loadings in country foods (i.e., wildlife and vegetation consumed by humans);	Yes	
			Description of increased pressure on existing social, institutional, and community services, facilities and services, and infrastructure;	Yes	
			Potential impacts to community well-being in the RSA;	Yes	
			Potential impacts on community safety and security with consideration for a potential influx of Project personnel into local communities during the life of the Project; and	Yes	
			Description of barriers to current financial management programs and any incentives that would be provided by the Proponent for healthy financial management.	Yes	
			Baseline Information		
			Description of current conditions of local supply and demand of housing and other infrastructure, and capacity in the RSA;	Yes	
			Description of existing public services and associated community facilities in the RSA, including law enforcement, health care (including emergency response), dependency assistance, welfare utilities, temporary accommodation and food services;	Yes	
			Description of existing outpost camps and other facilities outside of municipal boundaries which facilitate harvesting and recreation activities in the LSA, particularly within proximity of the Project;	No	No discussion on existing outpost camps in the area
			Description of the extent and current capacity of the local transportation systems and associated infrastructure; and	Yes	
			Discussion of demand for community infrastructure and public services from the Project directly and indirectly.	Yes	
			Impact Assessment		

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	8.2.11	Community Infrastructure and Public Services	Assessment of incremental costs imposed by the needs from the Project directly or in directly on public infrastructure and services;	Yes	
			Evaluation of the effect on services and/or infrastructure in public and private sectors, due to the potential use by the Project directly or indirectly;	Yes	
			Assessment of public health and environmental health needs and implications to the Proponent's community initiatives;	Yes	
			An assessment of potential increased demand for health care system, including standard medical system, emergency response and emergency medical care, medevac and other emergencies, as well as challenges brought by the increased demand;	Yes	
			A discussion of the potential to bring in freight for communities by return shipping, and likelihood to share shipping costs with local communities, which will likely reduce the life expenditure of local communities;	No	Could not find any information on shipping for the communities
			Discussion of building new and updating the existing structures (e.g., weather shields, outposts) beyond of communities on hunting/traveling routes, and/or at hunting grounds to facilitate local hunting activities/traveling in Project areas; and	No	No discussion provided
			A discussion of community access to Project infrastructure upon closure, including the all-weather road.	Yes	
	8.2.12	Governance & Leadership	Baseline Information		
			A description of current social and governmental regime in the Project region, structure and functions of the governments, Inuit organizations, other co-management organizations and interactions among those organizations;	Yes	
			A description of the Proponent's understanding on the roles that governments play in the process of the Project development, and associated requirements and obligations for proponents by policies and regulations;	Yes	
			A description of the roles of the various parties in socio-economic monitoring programs and the Kivalliq Socio-Economic Monitoring Committee;	Yes	
			The leadership of the GN in policies making responsibilities on contracting, operation and management of community infrastructure, community and regional development planning; mechanism, processes and structures for conflict resolution; and	Yes	
			Other social and economic responsibilities of governments in the Project impacted regions.	Yes	
			Impact Assessment		
			Discussion of how the Project planning meets the needs of regional economy development strategic plans (community wellness initiatives, Hamlet programs, housing etc.), if applicable, which are managed by Federal and territorial governments agencies, and Inuit organizations;	Yes	
			Assessment of how potential conflict of interest will be managed in current governance regime during Project development; and	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			Discussion of efforts to be made by the Proponent within existing regulatory framework and government's initiatives, in terms of socio-economic monitoring, education and skill training, community facility development and other initiatives planned by the Proponent.	Yes	
	8.2.13	Health and Safety (including worker and public safety)	Baseline Information		
			Description of human exposure to current environmental contaminants in the RSA, including a discussion on current baseline exposure to radiation;	Yes	
			Description of the existing infrastructure and health services available within the RSA; and	Yes	
			Discussion relating to the local health statistics when compared with other parts of Nunavut and Canada as appropriate.	Yes	
			Impact Assessment		
			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;	Yes	
			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);	Yes	
			Potential impacts on human health from air contamination, fugitive dusts resulting from air and ground traffic, potential impacts to potable water quality, and exposure to escalated noise and extreme weather conditions;	Yes	

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			Potential sources and characteristics of any conventional risks to workers or the public during all phases of the project;	Yes	
			Predicted radiation exposures (radiation doses) to workers and the public during all phases of the project; and	Yes	
			Potential impacts of workplace discipline and cultural conflicts among Nunavummiut and Southern workers.	Yes	
	8.3	Human Health and Environmental Risk Assessment	Key components of the Human Health Risk Assessment process include the identification of potential project-human interactions (pathways), radiological and hazardous substance constituents of potential concern (COPC), human receptors and assessment criteria. As such, the Human Health Risk Assessment is to include:	Yes	
			§ Predicted sources, quantities and points of release from the project emissions and effluents containing nuclear and hazardous substances;	Yes	
			§ Selection process for COPCs;	Yes	
			§ Identification of pathways to human receptors;	Yes	
			§ 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;	Partially	No map provided
			§ Method used to convert radionuclide and hazardous substance exposure and intake by the various human receptors from the various pathways into an exposure or dose (e.g., conversion factors); and	Yes	
			§ Criteria used to determine significance of impact (e.g., percentage of radiation dose limits, exposure relative to lifetime cancer risk limit).	Yes	
			Key components of the Environmental Risk Assessment process include the identification of potential project and terrestrial and aquatic receptor interactions (pathways), radiological and hazardous substance COPCs, terrestrial and aquatic ecological receptors and assessment criteria. As such, the Environmental Risk Assessment is to include:	Yes	
			§ Predicted sources, quantities and points of release from the project emissions and effluents containing nuclear and hazardous substances;	Yes	
			§ Selection process for COPCs;	Yes	
			§ Identification of pathways to terrestrial and aquatic ecological receptors (VECs);	Yes	
			§ Identification and characterization of terrestrial and aquatic ecological receptors;	Yes	
			§ Method used to convert radionuclide and hazardous substance exposure and intake by the various ecological receptors from the various pathways into an exposure or dose (e.g., conversion factors); and	Yes	
			§ Criteria used to determine significance of impact (e.g., toxicity reference values, radiation dose limit).	Yes	
	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:	Yes	
			§ A description of the source, quantity, mechanism, rate, form and characteristics of contaminants and other materials (physical, chemical and radiological) likely to be released to the surrounding environment during the postulated malfunctions and accidents; and	Partially	Discuss sources & mechanism only
			§ 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.	Not sure	Some sections include contingency and others indicate that incident occurring is low
			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 including preventive measures and emergency response capability.	Yes	
			The Proponent shall present its environmental policy, its preliminary EMP and associated environmental management system through which it will deliver this plan. The EMP shall provide a perspective on how potentially adverse environmental effects will be managed throughout the life of the Project.	Yes	
			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.	Yes	
			It 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.	Yes	
				Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	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. 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). In addition, 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.	Yes	
			While some information required under these plans might not be available for the Proponent's <i>Draft</i> 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).	No	Not timeline provided
			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. 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.	Yes	Statements provided stating that measures would be monitored for effectiveness throughout the process, but no further specifics provided
	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).	Partially	none presented aside from the EMP
			The EPP shall be integrated into procedure documents for all phases of the Project which target the site management staff, the Proponent's occupational health, safety and environmental compliance staff, as well as government departments and agencies tasked with environmental and regulatory compliance monitoring/surveillance. If appropriate, a table of contents and an annotated outline for the EPP is to be presented in the EIS which shall address the major Project activities, permit requirements, mitigation measures and contingency planning in combination with other management plans.	Yes	Environmental protection framework provided
	9.3	Monitoring and Mitigation Plans	In accordance with the EMP, the Proponent shall present individual monitoring and mitigation plans, specific to various aspects of the Project and the environment, to be incorporated into all applicable phases of the Project. In these plans, the Proponent is required to outline how results from monitoring will be used to refine or modify the design and implementation of mitigation measures and management plans.	Yes	
			In its monitoring and mitigation plans, the Proponent should specify proposed criteria or thresholds to trigger the mitigation measures based on its monitoring results, including the position of the person for the implementation of these mitigation measures, the system of accountability and the phase and component of the Project to which the mitigation measure would be applied.	Yes	
			Each of the monitoring and mitigation plans shall include:	Partially	not all Plans stand-alone, and most info in either baseline or report supplemental docs
			§ Objectives of the monitoring program, applicable laws, regulations and/or Acts;	Partially	Note that several monitoring programs outlined independently of the Mitigation Plan; not all of them contain legislation or reporting standards within the Plan
			§ The VECs and VSECs to be monitored, with associated parameters and indicators, and selection criteria/thresholds to be compliant with;	Yes	within main DEIS document not plans
			§ Monitoring of the performance of the tailings management facilities, i.e., tailings physical, geochemical and geotechnical parameters/characteristics;	Yes	
			§ Description of the frequency, duration, and geographic extent of monitoring with justification for each, and identification of the personnel who will conduct the monitoring, collect, analyze and interpret data;	Partially	Hazardous Mat. Mgmt. Plan covers inventorying, not monitoring
			§ Description of measures taken to protect the monitoring infrastructure from climate change and potential major climate events (e.g., extreme flows);	Yes	General discription provided

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			§ Proposed actions in the event that observed results (impacts) differ from those predicted, including a discussion of actions to be taken for observed non-compliance with the law or regulations, performance targets or with the obligations imposed on contractors by the environmental provisions of their contracts;	Yes	
			§ Proposed reporting scheme for monitoring results, including format, reporting intervals, and responsible territorial and federal authorities;	Partially	Not done consistently throughout plans
			§ Evaluation of the efficiency of mitigation measures, and the compliance with Project authorizations;	Yes	Generally references best practices
			§ Plans for integration of monitoring results with other aspects of the Project including, adjustments for operating procedures and refinement of mitigation measures;	Yes	Generally references best practices or requirement for more information
			§ Procedures/mechanism to assess the effectiveness of monitoring programs, mitigation measures, and adaptive programs for areas disturbed by the Project;	Yes	Generally references best practices or requirement for more information
			§ Discussion of the relationship between monitoring plans and the EMP; and	Yes	
			§ Quality assurance and quality control measures to be applied to monitoring programs.	Yes	again, referencing best practices usually
	9.4	Biophysical Environmental Plans	The Proponent shall present environmental monitoring and management plans developed to eliminate or mitigate potential negative impacts of the Project on the biophysical environment	Yes	
			The Proponent shall also identify any residual effects after appropriate mitigation measures are implemented.	Yes	Within each impact assessment section
			. The plans should 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	Partially	Not clearly identified in some plans
	9.4.1	Risk Management and Emergency Response Plan	The Proponent should provide an assessment of the potential risks from natural hazards, in both marine and terrestrial environments. This plan should encompass the whole life of the mine to mitigate the potential ecological and human health risks. The Proponent should identify and describe the likelihood of possible malfunctions and accidents occurring independently of, or associated with natural hazards.	Yes	Not sure if discussed for whole life of mine
			The Proponent shall develop an Emergency Response Plan, supported by appropriate manual emergency response capabilities, that can be applied to deal with the range of emergency situations considered reasonable in the circumstances. These can include conventional emergency incidents or radiological-based incidents. Initiating events can include non-nuclear situations and also involve conditions external to the facility.	Yes	
			The following issues should be included in the Risk Management and Emergency Response Plan:		
			§ Assessment of potential natural hazards in the LSA and shipping corridors, including frequency, magnitude and possibilities of occurrence. Natural hazards to be considered should include extreme weather events, natural seismic events, landslides, and flooding;	Partially	Vol 10 - discusses potential of hazards. No frequency, magnitude and possibilities of occurrence discussed. Only one reference to loss of shipping season due to weather in Vol 2J. Frequency of fire, explosion and release of contaminants discussed in Vol10A
			§ Analysis of the potential for malfunctions and accidents associated with Project facilities and activities, including land or ice based, air or marine transportation, occurring independent of, or associated with natural hazards;	Yes	
			§ Sensitivity analysis of the Baker Lake area, including an evaluation of the probability of accidents and malfunctions that may be unlikely but would be of significant impact (e.g., major fuel spills, etc.) to the environment and to Baker Lake. Include a description of contingency plans, mitigation measures and identification of alternate community drinking water sources;	Partially	No sensitivity analysis. Only discuss potential for spill at Baker Lake and contingency plans
			§ Sensitivity analysis of the Chesterfield Inlet area, including an evaluation of the probability of accidents and malfunctions that may be unlikely but would be of significant impact (e.g., major fuel spills, etc.) to the environment and to Chesterfield Inlet;	Partially	No sensitivity analysis. Only discuss potential for spill at Chesterfield Inlet and contingency plans

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			§ Annual aviation audits for the aircraft types, companies and infrastructure associated with all project related air transportation and documentation of the minimum flying height and seasonal flight restriction for the Project area;	Yes	General statement re: conducting routine audits
			§ Assessment of fire risk to evaluate potential fire hazards, as well as the fire protection systems and features (including both physical attributes and program elements) used to mitigate the effects of fire;	Yes	
			§ Alerting, notification and reporting procedures, and associated responsible organizations and personnel;	Yes	
			§ Contingency responding procedures corresponding to each risk, and associated security systems and prevention measures, such as monitoring systems, hazard and leak detection systems, fire-control systems, and standby emergency systems;	Yes	
			§ Discussion of options for the medical transport of injured staff or persons both within and beyond the Project area;	Yes	
			§ Discussion of the constraints resulting from logistics and time frames for prompt reaction, with consideration for the potential distance to an accident or emergency site, and possible weather conditions which might cause considerable delays or obstacles;	Yes	
			§ Description of how relevant government agencies, Inuit organizations and local communities will be involved in the development of the plans if applicable; and	Yes	
			§ Any other contemplated loss prevention practices, including insurance.	Yes	
	9.4.2	Spill Contingency Plan	The Proponent shall develop Spill Contingency Plans based on its Environmental Policy, to promote environmental awareness and safety, as well as to facilitate efficient clean-up for potential spill incidents related to the Project. These plans should include Land and Ice Based Spill Contingency Plans, Oil Handling Facility Contingency Plan and Shipboard Oil Pollution Emergency Plans.	Not complete	Some plans still to be developed
			In each plan, the Proponent should address potential constraints due to logistics and weather conditions for timely actions and immediate clean-ups. When developing these plans, the following elements should be included:	Yes	
			a. Land and Ice Based Spill Contingency Plans	n/a	There is not a specific land and ice based spill contingency plan- only spill contingency plan
			Requirements of federal and territorial regulations;	Yes	
			Substances covered by the plan (e.g., oil, fuel, hazardous materials, chemicals and other deleterious substances), and potential spill scenarios (on land, water and ice, if applicable);	Partially	Spill plan focusses on fuel as hazardous material
			Training for emergency response staff, including distributing Material Safety Data Sheets (MSDS) to designated emergency response and health centre staff;	Yes	
			Alerting, notification and reporting procedures;	yes	
			Duties and responsibilities of key spill response organizations and personnel;	yes	
			Clean-up strategies, technologies and corresponding inventory of spill response equipment and kits based on different substances of spills and environment conditions where spills might occur; and	Yes	
			Spill site restoration and remediation.	Yes	
			b. Oil Handling Facility (OHF) Contingency Plan		
			Regulatory requirements of the <i>Canada Shipping Act</i> ;	No	General statement on construction and operations
			Established Oil Pollution Prevention/Emergency Plan for operation of OHF;	No	General statement on construction and operations
			Responsible personnel required equipment and training; and	No	General statement on construction and operations
			Response scenarios and procedures.	No	General statement on construction and operations
			c. Shipboard Oil Pollution Emergency Plans (SOPEPs)		
			Requirements of national laws and regulations, as well as international regulations and standards for proposed shipping operation of the Project;	Yes	Detailed plan to be developed later
			Marine transportation to be used for the Project including fuel tankers, container ships, barges, tugs, and any other marine vessels ;	Yes	Not directly in plan

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			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;	No	
			Procedures for accident/incident reporting and principle emergency response; and	Yes	
			Parties (e.g., the Proponent, marine vessel operators and possible third parties) who carry out emergency actions.	Yes	
	9.4.3	Site Water Management Plan	The Proponent shall develop a Site Water Management Plan for the Project. This Plan should 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 should include discussion on 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 should be associated with the baseline data and impact assessment. The plan should include:	Yes	
			Surface runoff, snowmelt, and rainwater that might come in contact with contaminated areas at the mine sites, along the access road and at Baker Lake;	Yes	
			Runoff from overburden stockpiles, waste rock stockpile areas including waste rock identified with potential ARD and ML, ore stockpiles and quarry sites;	Yes	
			Runoff from the lined fuel tank farms, fuel transfer stations, landfill and landfarm facilities;	Yes	
			Predict the artesian inflow into the tailing management facilities during operation with support from numerical modeling if permafrost beneath the tailing management facilities is predicted to thaw during the life cycle of the tailing management facilities. The potential preferential flow along the fault cut through the pits should be considered in the inflow prediction. Measures for controlling the groundwater inflow/seepage, where necessary, should be discussed and a groundwater monitoring plan should be developed;	Yes	
			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;	Yes	
			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;	Yes	
			Contingency plans should the mine water volumes be significantly larger than estimated;	No	Contingency discussed included TMF overflow
			Management measures to reduce potential impacts to the receiving environment, including collection and monitoring of drainage water, installation of settling ponds/sumps and/or silt curtains, and geochemical characterization of construction materials;	Yes	
			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);	Yes	
			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 <i>Fisheries Act</i> ;	Yes	
			Waste water management in the construction stage at construction camps, including treatment/disposal methods, associated facilities;	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			Conceptual operation and maintenance plans, including options for sewage sludge; and	Yes	
			Contingency measures for sewage plant malfunction and/or disturbances, associated spill response measures, as well as treatment technologies and facilities.	No	
			The Proponent shall present an Ore Storage Management Plan which should encompass all ore generated or produced by the Project and include	Yes	Information scattered between 3 volumes
			Discussion of the predicted ore stockpile volumes/tonnage, physicochemical characteristics, stockpile methods and procedures including dust control, runoff management, progressive reclamation plans, and other details as deemed relevant;	Yes	Volume 2D discusses estimates but information not in the plan (Vol 2H).

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	9.4.4	Ore Storage Management Plan	Description of analyses implemented in the development of the proposed pile design and runoff management plans, include description and analysis of the water balance of the stockpiled ore material; the physical and chemical characteristics of seepage and runoff from the stockpiled ore material, as well as the thermal condition of the pile and surrounding ground; and consideration in the design of control measures to ensure seepage and runoffs do not impact the surrounding environment;	Yes	Volume 2D discusses estimates but information not in the plan (Vol 2H).
			Discuss the means to minimize loss of ore material to the environment by wind and other means, and radioactive dose estimates for workers in the vicinity of the stockpiled ore material;	Partially	Vol 2H presents dust management and worker Health & Safety. No other information provided.
			Discussion of proposed plans for accommodating the projected volumes of materials at the ore stockpile facilities; with a discussion of measures for contingency situation in which the designed facilities are not adequate to accommodate uranium ore actually generated;	Partially	Vol 2H presents genral statement regarding production rates of uranium
			Details regarding the process for selecting the preferred options for management of ore stockpile, including a discussion of alternative options (methodologies as well as locations) considered, and the rationale by which the proposed scheme was selected; and	Partially	Vol 2H discusses options briefly
			Conceptual plan to monitor and audit uranium ore generated.	Yes	General statement, no plan provided
	9.4.5	Waste Rock Management Plan	The Proponent shall present a Waste Rock Management Plan which should encompass all wastes generated or produced by the Project through all Project phases and should include		
			Discussion of the predicted volumes/tonnage of waste rock, physicochemical characteristics, segregation criteria, stockpile methods and procedures including dust control, runoff management, progressive reclamation plans, and other details as deemed relevant;	Yes	
			Description of analyses implemented in the development of the proposed pile design and runoff management plans, include description and analysis of the water balance of the waste rock pile; the physical and chemical characteristics of seepage and runoff from waste rock piles, as well as the thermal condition of the pile and surrounding ground; and consideration in the design of control measures to ensure seepage and runoffs do not impact the surrounding environment;	Yes	
			Description of the potential for rock heave phenomena and any resulting implications to ground stability;	No	No information provided
			Discussion of proposed plans for accommodating the projected volumes of materials at waste rock facilities; with a discussion of measures for contingency situation in which the designed facility is not adequate to accommodate waste rock actually generated;	Yes	have plans for temporary plans to start
			Details regarding the process for selecting the preferred options for management of waste rock, including a discussion of alternative options (methodologies as well as locations) considered, and the rationale by which the proposed scheme was selected; and	Yes	
			Conceptual plan to monitor and audit mine waste rock.	Yes	General statement, no plan provided
	9.4.6	Landfill Management Plan	The Proponent shall develop a Landfill Management Plan which discusses how non-combustible, non-hazardous industrial wastes will be handled in a safe and environmentally sound manner. This plan should include:	Yes	Note: found within the Waste Management Plan. Not a stand alone document
			Management plans for operations;	Yes	
			Rainwater, snow and spring freshet management plans; and	Yes	
			Final reclamation plans.	Yes	General statement
	9.4.7	Landfarm Management Plan	The Proponent shall develop a Landfarm Management Plan which discusses how hydrocarbon contaminated ice, snow and/or soil wastes will be handled in a safe and environmentally sound manner. This plan should include		Note: found in with the Spill Contingency Plan, not stand alone document
			Management plans for operations;	Yes	Preliminary plan
			Rainwater, snow and spring freshet management plans; and	Yes	No monitoring plan presented
			Final reclamation plans.	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	9.4.8	Hazardous Materials Management Plan	The Proponent shall develop a Hazardous Materials Management Plan. The hazardous materials discussed should include radiological waste, fuel and lubricants, process reagents, chemical reagents used for site laboratory, solvents and paints, medical wastes, batteries, and other office-generated hazardous waste. This plan should be developed in connection with the Emergency Response and Contingency Plan, and include the following:	Partially	Information regarding hazardous material and management at the airport discussed briefly in Volume 20 but is old. No information or environmental plan for the airstrip for refuelling, deicing stuff, greasing etc provided.
			Characterization of potential environmental hazards posed by these materials, and the management of these through the environmental management system;	Yes	
			Description of characteristics of nuclear substances and radiation devices to be stored at the facility and the location of these materials in the facility;	No	Provided a discussion on additional plans required (i.e. radiation protection program) for TC and CNSC, but no description given.
			Purchasing controls, shipment tracking procedures;	Yes	
			Fuel storage monitoring program;	Partially	Provided information on some engineering controls and referred to spill contingency plan
			Safe handling and storage procedures;	Partially	Provided information on some engineering controls and referred to spill contingency plan
			Discussion of the allocation of responsibilities for managing shipments, storage, handling and use of potentially hazardous materials;	Yes	
			Contingency and emergency response plans associated with hazardous materials;	Yes	Not in this plan but provided in Vol 10C
			Type and delivery of training for management, workers, and contractors whose responsibilities include handling potentially hazardous materials;	Potentially	Information appears to be incomplete
			Procedures for the maintenance and review of records of hazardous material consumption and incidents in order to anticipate and avoid impacts on human health and the environment;	Yes	
			Plans for unused chemicals and/or reagents upon the completion of Project activities;	Yes	Information scattered between this volume and Vol 2S
			Procedures to track and manage wastes generated through use of these products, including regular shipments of potentially hazardous waste to licensed disposal facilities and	Yes	No indication on how records will be backed up
			Discussion on the waste management at the dock site including shipping waste generated on board and hazardous waste.	Yes	
	9.4.9	Incineration Management Plan	The Proponent shall develop an Incineration Management Plan which is consistent with the guidance provided in the Environment Canada's (EC) <i>Technical Document for Batch Waste Incineration</i> . The Plan should include but not be limited to the following:		<i>Note: Found in the Waste Management Plan and not stand alone document</i>
			Standards/requirements for emissions from incinerator operation;	Yes	
			Incineration technologies to be used, facilities and equipment to be used;	Yes	
			Personnel training programs for incinerator management and operation; and	Yes	
			Collection and reporting of operational data and maintenance records.	Yes	
			The Proponent shall develop a Roads Management Plan for all access roads/service roads proposed in the Project areas, covering construction, operations, temporary closure and final closure (decommission & reclamation) phases of the Project.	Partially	Information presented covers operations, a few details on construction and route selection, no information on final closure
			Permitting regime and land tenure of all ground transportation (designations of accessibility to public);	No	No permitting regime in the plan, road not open to the public either option

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
Environmental Management System	9.4.10	Roads Management Plan	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;	Yes	Information not included in the plan; information within main document
			Discussion of plans for public access to Project ground transportation roads, including considerations relevant to design and traffic management, associated mitigation and safety measures;	Partially	
			Projected traffic volumes, including the types and numbers of vehicles to be used, fluctuations on a seasonal or annual basis, and speed limits;	Yes	Information not included in the plan; information within main document
			Mitigation measures and protocols to be implemented during construction and operations to mitigate potential impacts to wildlife, including collisions and follow-up procedures;	No	No plans
			Measures for preventing the permafrost degradation during construction and operation of ground transportation;	Partially	Some information included in the plan and some information within main document
			Operational procedures for daily operation and maintenance including dust suppression methods, snow removal, de-icing, snow drift/banks management;	Yes	Information not included in the plan (dust suppression methods); information within main document
			Measures to control surface runoff during spring freshet and flooding during construction and operation phases;	Yes	Brief discussion
			Measures to control sedimentation during construction, maintenance and operation;	No	
			Safety procedures, emergency reporting and procedures for fuel/chemical spills, and other emergency events;	Yes	Information not included in the plan; referred to other plans
			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	Yes	Information not included in the plan; referred to other plans
			A discussion of potential future uses (e.g., potential public use).	Yes	Information not included in the plan; information within main document
	9.4.11	Shipping Management Plan	Applicable environmental legislation, regulations Acts and guidelines associated with shipping, including:		
			International legislation, such as: MARPOL Convention, Protocols and Annexes as set out by the International Maritime Organization (IMO, 2008; MARPOL 73/78)	Yes	
			Canadian legislation, such as: <i>Canada Shipping Act</i> , <i>Arctic Waters Pollution Prevention Act</i> (e.g., the Zone/Date System, the Arctic Ice Regime Shipping System, Ice Navigators if applicable)	Yes	
			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	Partially	It is mentioned that the Acts and Guidelines will be followed, there is no discussion on how the Acts or Guidelines will be exceeded.
			Description of basic contingency planning associated with the marine transportation component of the project, particularly in relation to the movement of oil, explosives and other hazardous materials;	Yes	
			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;	No	
			Discussion of proposed safety measures, including:		
			Measure to prevent marine vessels from being trapped in pack ice, or being carried into rocks, shoals and small islands where the proposed shipping is close to the shoreline (e.g., in the Chesterfield Inlet channel)	Yes	Information not included in the plan; referred to other plans
			Considerations for hiring personnel with local knowledge of the areas and weather conditions to act as on-board monitors	No	
			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 regulations requirements;	Yes	
			Ballast water management plan for all Project shipping, with indication of the proposed ballast water exchange locations in mid-ocean, at the dock facility in Baker Lake, and alternative exchange zones within waters under Canadian jurisdiction. Include associated implications for regulatory compliance (Government of Canada, 2006);	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			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;	Potentially	Vague discussion
			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;	No	
			Marine wildlife mitigation and onboard monitoring plans, including:	No	
			Applicable guidelines, monitoring protocols, and reporting/action procedures	No	
			Qualifications and training plans for marine mammal monitors	No	
			Measures to minimize the potential interactions between marine mammals and marine vessels	No	
			Description of how interactions between marine mammals and shipping operations will be dealt with	No	
			Details regarding the proposed procedures for accident, malfunctions and incident management and reporting, including accidental spills of fuel and chemicals along the shipping route(s), and from the accidental grounding/stranding of ships along the shipping route(s). 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;	Yes	
			Measures to mitigate potential impacts to the safety of persons traveling boats along Project shipping route(s);	No	
			Smuggling prevention measures;	Yes	
			Identified third party liabilities; and	Partially	it is noted that the contactor will require third party liability insurance, no details given
			Measures intended to mitigate potential socio-economic impacts as results of shipping.	No	
			Regulations and guidelines to be complied with;	Yes	
	9.4.12	Borrow Pits and Quarry Management Plan	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;	Yes	Prior to development, a detailed plan will be developed to include NIRB's request.
			Sediment, dust and erosion prevention and control measures;	Yes	
			Results of ARD potential testing for quarried materials and pit walls, and associated mitigation measures;	Yes	
			Aggregate extraction and quarry methods, with associated mitigation measures for potential impacts on the environment, including archaeological resources and wildlife;	Yes	Information not included in the plan; referred to other plans
			Proposed methods for handling ice, with plans to manage water released by the thawing of permafrost and ground ice; and	Yes	
			Progressive reclamation strategy and associated technologies.	Yes	
	9.4.13	Explosives Management Plan	The Proponent shall develop an Explosives Management Plan which should provide information on explosives transport, storage and handling at the Project. This plan should discuss the following:	Yes	
			Applicable federal and territorial Regulations and Acts;	Yes	
			Methods and procedures for the manufacture, transport, storage, handling, and use of explosives;	Yes	
			Details on the manufacture and storage facilities for Ammonium Nitrate and Fuel Oil (ANFO), including:	Yes	
			Maximum quantity of explosives at each facility	Partially	Only provided total amount of explosives
			Specified location (i.e., detailed site plan), with distances to vulnerable features to demonstrate that safety distances required by the Explosives Regulatory Division of Natural Resources Canada have been considered and met	Yes	
			Details on any temporary explosives facilities	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			Liquid effluent disposal plans	Not sure	Could not find information or discussion as referenced in AREVA's conformity table
			Best practices to minimise usage and loss rate;	Not sure	Could not find information or discussion as referenced in AREVA's conformity table

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
			Safe handling and spill containment prevention methods;	Yes	Information not included in the plan; referred to other plans
			Evaluation of worst case scenarios (e.g., accidental explosion);	Yes	Information not included in the plan; referred to other plans
			Security measures to be implemented;	Yes	
			Personnel training program; and	Yes	Will be using contractor, therefore no personnel training program
			Internal audit and inspection.	Yes	Contractor to report to AREVA staff on weekly basis
	9.4.14	Air Quality Monitoring and Management Plan	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;	Yes	
			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 , comply with approved criteria, and reduce production of GHGs and other emissions;	Yes	Very general information with no further details
			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;	Yes	
			An incineration management plan, as described in Subsection 9.4.9 , describing how emissions will be minimized and the <i>Canada-wide Standards for Dioxins and Furans</i> and the <i>Canada-wide Standards for Mercury emissions</i> met; and	Yes	
			Procedures for reporting of monitoring results.	Yes	Indicate that this would occur without details provided.
	9.4.15	Noise Abatement Plan	Applicable standards, guidelines and regulations that will be incorporated to minimize and mitigate noise effects from the Project;	Yes	
			An environmental noise follow-up monitoring program indicating location, duration, timing and type of noise monitoring to be conducted;	Yes	
			Description of noise control methods based on the climatic conditions and available technologies to be employed should mitigation be required;	Yes	
			Measures and technologies to be adopted in the design and manufacturing of Project infrastructure and facilities to reduce noise;	Yes	
			Description of noise attenuation and minimization measures to be employed through choosing appropriate equipment, installation of noise silencing devices, scheduling of take-off and landing aircrafts, and blasting timing; and	Yes	
	9.4.16	Aquatic Effects Monitoring Plan	Occupational related noise management programs.	Yes	
			The Proponent shall develop an Aquatic Effects Monitoring Plan to provide information on monitoring, to address mitigation measures to be implemented to protect and minimize the impacts on aquatic system from any and all project activities occurring in or near and watercourses during construction, operation, temporary closure, final closure (decommission & reclamation), post-closure phases. This plan should include:	Yes	
			Applicable standards, guidelines and regulations;	Yes	
			Erosion and sediment control measures for works in or near waterbodies and watercourses;	Yes	
			Measures to be applied to protect fish, aquatic biota, and the habitat of both during blasting in or near freshwater and marine environments; and	Yes	
			Monitoring and reporting protocols.	Yes	
			The Proponent shall develop a Wildlife Mitigation and Monitoring Plan in consultation with Government of Nunavut, Department of Environment, Fisheries and Oceans Canada (DFO), EC, and other relevant agencies or organizations. This plan should 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 also should include the following:	Yes	
			Description of the LSA and the RSA for wildlife mitigation and monitoring programs;	Yes	
			Selection criteria and rationales for wildlife species selected for monitoring and mitigation programs;	Yes	
			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;	Not sure	Could not find information or discussion as referenced in AREVA's conformity table

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	9.4.17	Wildlife Mitigation and Monitoring Plan	Details regarding plans for involvement of local hunters in wildlife baseline studies and monitoring program if applicable, including the mechanisms and resources allocated for local participation;	Yes	Referred to ongoing consultation
			Plans for coordinating wildlife studies/monitoring activities with other organizations, institutions, government departments and/or individual researchers conducting wildlife studies in the RSA, to minimize the impacts on wildlife from studies/survey activities;	Yes	
			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;	Partially	Refers to NIRB's terms and conditions
			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;	Partially	Covers only caribou and raptor monitoring with minimal information provided
			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;	No	No sample collection or description of studies presented; only naming the study like "The Hunter Harvest Study".
			Measures to be applied to avoid or reduce the disturbance, harassment, injury or mortality of marine mammals due to shipping or potential ice breaking activities;	No	No discussion on marine mammals with the exception of monitors on vessels. No marine species or indicators listed
			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;	Yes	
			Measures to minimize noise disturbance to wildlife and hunters/travellers when conducting aerial wildlife surveys;	Partially	For low flights and wildlife. Hunters not mentioned.
			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;	Partially	Only caribou crossings mapped; no information following up on mapping the locations.
			Plans to facilitate the safe passage of wildlife across the all-weather access road and/or winter road, and associated mitigation measures to prevent collisions with wildlife;	Yes	
			Plans and measures to avoid or reduce the potential for project activities to act as an attractant to wildlife species and to avoid and reduce injury, illness or mortality of wildlife (including intentional killing of wildlife by mine personnel to defend human life or property);	Yes	
			Description of data analysis methods, triggers/thresholds for adaptive management plans, and proposed mitigation measures;	No	
			Mechanism for the evaluation of effectiveness of mitigation measures;	No	Only states follow up with Government and local wildlife organizations
			Quality assurance and quality control measures; and	Yes	
			Reporting and the plan updating procedures.	Yes	
	9.4.18	No Net Loss Plan	The Proponent shall present a No Net Loss Plan to discuss measures to be implemented for compensation of the loss of aquatic habitat. This plan should include the principle of No Net Loss for fish habitat, policies for the Management of fish habitat (DFO, 1991), habitat replacement options where appropriate, monitoring programs and compensation plans developed in consultation with DFO and KIA. This plan should discuss the following:	Yes	Referred to as Fish Habitat Compensation Plan; reference to policies dated 1986 not 1991
			Requirements of related DFO policies;	Yes	
			The estimate of total fish habitat loss and methods used for estimations;	Partially	No discussion on methods used for estimation
			Compensation plans to achieve "No Net Loss" of fish habitat productive capacity;	Yes	
			Procedures and structures designed to mitigate/manage potential impacts to fish and fish habitat during construction and operation; and	Yes	
			Details regarding the proposed compensation program, including locations and conceptual designs for implementation (e.g., rearing habitat, migration channels, etc.).	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	9.5	Socio-Economic Environmental 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. The socio-economic environmental plans shall correspond to the socio-economic impacts assessment described in Section 8.2 and should be developed to reflect the complete life span of the Project, and contain appropriate monitoring and evaluation techniques (e.g., indicators) that will allow regulators to intervene in a timely and constructive manner.	Yes	
			the Proponent shall describe its socio-economic monitoring plans and mitigation programs, including how they will identify, react and mitigate potentially adverse socio-economic impacts and augment positive socio-economic impacts.	Yes	Proponent indicates that it is not their responsibility to consider cumulative effects, but additive effects, but it is the responsibility of the GN's.
			In consultation with the Kivalliq Regional Socio-Economic Monitoring Committee (SEMC), the Proponent should clearly identify the role it will take in regional monitoring initiatives, including how its monitoring plans will align with those of the regional SEMC.	Yes	
			The Proponent shall outline how the predominant regional language/dialect in the RSA will be incorporated into each respective plan	Yes	
	9.5.1	Occupational Health and Safety Plan	The Proponent shall present an Occupational Health and Safety Plan focusing on the following elements in conjunction with its Spill Contingency Plan, Risk Management Plan, Noise Abatement Plan, and any other relevant plans:	Yes	
			An overview of the occupational health and safety program (including radiation protection) for the activities and works being proposed;	Yes	
			Policies and guidelines regarding interaction with Nunavut's medical health system including the provision of relevant health and safety information regarding hazardous materials to the appropriate health centers;	Partially	Only discussed Health Centre on-site.
			Best safety practices and safety awareness programs;	Yes	
			Employee involvement and related training programs for ensuring awareness of employee responsibilities in environmental and health and safety management, including roles pertaining to safety orientation, hazard analysis, first-aid training, human-wildlife encounters and protocols to follow, etc.;	Yes	
			Risk management and safety management details regarding the preparedness of mine safety equipment and devices;	Yes	
			Procedures for emergency incidence reporting and actions;	Yes	
			Details regarding workplace monitoring and control; and	Yes	
			First aid training and occupational medical surveillance.	Yes	
	9.5.2	Community Involvement Plan	Mechanisms for providing information to the public and potentially affected communities regarding regular updates of Project's progress, initiatives and future work plans (e.g., training opportunities, hiring information, etc.);	Yes	
			Methods and procedures for establishing effective two-way communications for collecting and addressing public concerns;	Yes	
			Methods by which to evaluate public engagement efforts in order to identify the effectiveness of the plan;	Yes	
			Measures to assist communities with addressing potential social needs and problems related to the Project, including proposed counselling services for employees and their families regarding matters such as substance abuse, work-related stress management, family support, etc.;	Yes	References the Employee and Family Assistance Program (EFAP) in Vol 9, and Comm. Inv. Plan but does not include the EFAP
			Approach to promoting the participation of Nunavummiut in Project employment, including any preferential recruitment policies or practices;	Yes	
			Plans for promoting local contracting opportunities and purchasing of local products (e.g., country foods);	Yes	
			Discussion of how input from communities has influenced the design and implementation of monitoring plans and initiatives; and	Yes	
			Discussion of procedures for community-based monitoring of social, cultural, and ecological conditions to determine if, when, and how the Project contributes to community sustainable development.	Yes	
			Applicable regulations and guidelines for management of potential impacts to identified cultural and heritage resources;	No	Only referenced NLCA

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	9.5.3	Cultural and Heritage Resources Protection Plan	Discussion on how the heritage values of the Thelon River, designated as a Canadian Heritage River, will be protected if the northern all-weather access route is selected;	No	None discussion found in either the All-Season Road Report, the Archaeological Plan, or the Transportation Baseline. Discussed in App 9B Archaeologica Baseline and 9A S-EC baseline but only by reference of its use.
			Results of archaeological investigations and studies;	Yes	
			Inventory of known archaeological resources in Project areas;	Yes	
			Discussion of how the results from the Proponent's impact assessment have been considered and incorporated into the plan; and	Yes	
			General and site-specific measures for the protection of archaeological sites and mitigation of potential adverse impacts.	Yes	
	9.5.4	Human Resources Plan	Applicable human resources legislation and the Proponent's policies regarding compensation and benefit programs (e.g., health care plan, insurance, vacation/maternity leave, etc.);	Yes	
			Recruitment strategies with communities that includes regular information updates regarding employment/training opportunities, hiring plans and time schedules, etc.;	Yes	
			Include a strategy discussing how to overcome potential entry barriers, education and training programs both for Project specific and universally applicable skills (e.g., partnerships with local schools and other educational institutions, on-the-job learning, and apprenticeships);	Yes	
			Education and Orientation Plan to assist employees to understand their responsibilities in environmental protection and health and safety management;	Yes	
			Worker rotation and pay schedules, health and safety programs, preferential recruitment policy, gender equality, skills and entry requirements, training and career development;	Yes	
			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;	Yes	
			Considerations of the following issues: on-site public safety and well-being; cross-cultural orientation; firearms control; sexual and gender harassment; alcohol and drugs control measures; and supply of country food to Inuit workers at the mine site;	Yes	
			Recognition and management plans regarding the rights and needs of hunting activities and traveling through Project areas by the residents from adjacent communities;	Yes	Short discussion
			Strategies for communicating relevant information of IIBA terms and conditions to employees;	Yes	
			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; and	Yes	
			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.	Yes	
			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.	Yes	Note: Plan referred to as Preliminary Decommissioning Plan
			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.	Yes	
			To establish goals for reclamation of lands potentially affected by the Project;	Yes	
			Description of reclamation methods, time frames and schedules, including proposed progressive reclamation, research programs, and notice periods to employees and public;	Yes	
			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;	Yes	
			Discussion of research programs to address challenges to reclamation, given the local conditions;	No	
			Considerations for the protection of public health and safety;	Yes	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
	9.6	Mine Closure and Reclamation Plan	Description of the estimated contaminant and other material (physical, chemical and radiological) levels in the environment as well as estimated doses to members of the public after mine closure and remediation;	Yes	Information not included in the plan; referred to other plans
			Description of closure and post-closure monitoring of environmental components including, but not limited to, wildlife, vegetation, air quality, landform stability and water quality;	Partially	Briefly discussed and plan will be put developed closer to the time period.
			Discussion on the long-term monitoring and maintenance that may be required once physical and chemical stability of reclaimed areas have been established;	Yes	
			Discussion on reduction or elimination of environmental effects once the mine ceases operation;	Partially	Discussed vaguely in each discipline
			Discussion regarding re-establishing conditions that permit the land to return to a similar pre-mining land use;	Yes	
			Considerations for ARD and/or ML potential of rocks and tailings, in association with related waste rock and tailings management strategies;	Yes	
			Any considerations for the restoration the natural aesthetics of the project; and	No	
			The Plan is considered to be a "living" document; the level of detail should undergo further revision to reflect the progress of the Project as well as changes in technology and/or standards or legislation. Future revisions should also consider input from consultations with communities and other stakeholders on methods to be used, and potential uses for project infrastructure, etc.	Yes	
	9.6.1	Care and Maintenance Plan	A preliminary Care & Maintenance Plan shall be developed for the Project in conjunction with the Mine Closure and Reclamation Plan which outlines how the various components set out in Section 6.0 will be treated in the event of a temporary closure or un-timely closure of the project.	Yes	
			The plan can be preliminary with key issues addressed for the environmental assessment in the NIRB's review and should include a discussion on the items listed in Section 9.6 .	Yes	
	9.7	Follow-Up and Adaptive Management Plans	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 be employed in the environmental management system	No	No document found or referred to in the conformity table presented by AREVA
			The need for such a follow-up and adaptive plan and its objectives;	No	
			How this plan will be structured including, enforcement and penalties for non-compliance;	No	
			Which elements of the monitoring program described in Section 9.3 , would be incorporated;	No	
			The mechanisms, through which monitoring results will be analysed, and if necessary, adjusted mitigation measures or adaptive plan will be employed. In addition, how the effectiveness of the new mitigation measure will be assessed and verified;	No	
			The roles to be played by the Proponent, regulatory agencies, and others in such a plan, and possible involvement of independent researchers;	No	
			The sources of funding for the plan and reporting; and	No	
			The plan shall include the quantitative triggers or thresholds that will indicate the need to alter or vary the management plan or mitigation measures.	No	
	9.8	Significance of Residual Impacts	After having established the mitigation measures, the EIS shall present the residual effects assessment of the Project on the components of the biophysical and human environments, so that the reader can clearly understand the real consequences of the Project, the degree of mitigation of the effects and which effects cannot be mitigated or compensated for.	Yes	
			The Proponent should include a summary table in this section of its EIS, which presents the effects before and after mitigation on the various components of the environment, the mitigation measures applied and the residual effects have been assessed.	Yes	
Conclusion	10	Conclusion	The EIS should end with a conclusion presenting a summary analysis of the overall projected biophysical and socio-economic impacts, anticipated transboundary and cumulative effects, proposed mitigation measures, and residual impacts. While highlighting the impacts in the Kivalliq Region, this conclusion should clearly present the importance of the EIS findings to the NSA and Canada	No	

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Guidelines Section	Guideline Section Number	Guideline Sub Section	Requirements	Conformity (Y/N)	Comment
List of Consultants and Organizations	11	List of Consultants and Organizations	The Proponent shall prepare a list of all the consultants who contributed to the preparation of the EIS, including their role and contact information in an appendix to the EIS. In addition, the Proponent shall prepare a list of the organizations consulted, including the time, place, and purpose of the consultation; reference materials provided, and contact information for the organisation.	Partially	No contact information. Role of consultations generally discussed in volumes prepared by consultants. No discussion on the list of organizations consulted, so not sure if this occurred or not