

RED MOUNTAIN UNDERGROUND GOLD PROJECT

ENVIRONMENTAL IMPACT STATEMENT (EIS) TABLE OF CONCORDANCE

EIS GUIDELINES SECTION			GUIDELINES TEXT	ENVIRONMENT ASSESSMENT APPLICATION		
Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
PART 2 - CONTENT OF THE ENVIRONMENTAL IMPACT STATEMENT						
1. INTRODUCTION AND OVERVIEW	1.1. The Proponent		In the EIS, the proponent will:	n/a	n/a	n/a
			• provide contact information (e.g. name, address, phone, fax, email);	Project Overview	Volume 2, Chapter 1, Section 1.1.1.2	n/a
			• identify itself and the name of the legal entity that would develop, manage and operate the project;	Project Overview	Volume 2, Chapter 1, Section 1.1.1.1	n/a
			• describe corporate and management structures;	Project Overview	Volume 2, Chapter 1, Section 1.1.1.2	n/a
			• specify the mechanism used to ensure that corporate policies will be implemented and respected for the project; and	Project Overview	Volume 2, Chapter 1, Section 1.1.4, Section 1.1.2.1, Section 1.1.2.2	n/a
			• identify key personnel, contractors, and/or sub-contractors responsible for preparing the EIS.	Preface	Volume 1 - Preface	n/a
	1.2. Project Overview		The EIS will describe the project, key project components and associated activities, scheduling details, the timing of each phase of the project and other key features. If the project is a part of a larger sequence of projects, the EIS will outline the larger context. The overview is to identify the key components of the project, rather than providing a detailed description, which will follow in Section 3 of Part 2 of this document.	Project Overview	Volume 2, Chapter 1, Section 1.1.8, Section 1.1.9	n/a
	1.3. Project Location		The EIS will contain a description of the geographical setting in which the project will take place. This description will focus on those aspects of the project and its setting that are important in order to understand the potential environmental effects of the project. The	n/a	n/a	n/a
			• the UTM coordinates of the main project site;	Project Overview	Volume 2, Chapter 1, Section 1.1.4	n/a
		• current land use in the area;	Project Overview	Volume 2, Chapter 1, Section 1.2.9.2, Section 1.2.9.3, Section 1.2.9.4	n/a	

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			<ul style="list-style-type: none"> distance of the project facilities and components to any federal lands; 	Project Overview	Volume 2, Chapter 1, Section 1.2.9.1	n/a
			<ul style="list-style-type: none"> the environmental significance and value of the geographical setting in which the project will take place and the surrounding area; 	Project Overview	Volume 2, Chapter 1, Section 1.2.6	
			<ul style="list-style-type: none"> environmentally sensitive areas, such as national, provincial and regional parks, ecological reserves, wetlands, estuaries, and habitats of federally or provincially listed species at risk and other sensitive areas; 	Project Overview	Volume 2, Chapter 1, Section 1.1.4	n/a
			<ul style="list-style-type: none"> local and Aboriginal communities; and, 	Project Overview	Volume 2, Chapter 1, Section 1.2.9.1	n/a
			<ul style="list-style-type: none"> traditional Aboriginal territories, treaty lands, Indian reserve lands. 	Project Overview	Volume 2, Chapter 1, Section 1.1.4	n/a
	1.4.	Regulatory Framework and the Role of Government	The EIS will identify:	n/a	n/a	n/a
			<ul style="list-style-type: none"> any federal power, duty or function that may be exercised that would permit the carrying out (in whole or in part) of the project or associated activities; 	Project Overview	Volume 2, Chapter 1, Section 1.3	n/a
			<ul style="list-style-type: none"> the environmental and other regulatory approvals and legislation applicable to the project at the federal, provincial, regional and municipal levels; 	Project Overview	Volume 2, Chapter 1, Section 1.3	n/a
			<ul style="list-style-type: none"> government policies, resource management, planning or study initiatives pertinent to the project and/or EA and their implications; 	Project Overview	Volume 2, Chapter 1, Section 1.2.9.4	
			<ul style="list-style-type: none"> any treaty or self-government agreements with Aboriginal groups pertinent to the project and/or EA; 	Project Overview	Volume 2, Chapter 1, Section 1.1.4	
			<ul style="list-style-type: none"> any relevant land use plans, land zoning, or community plans; and 	Project Overview	Volume 2, Chapter 1, Section 1.2.9.4	n/a
			<ul style="list-style-type: none"> regional, provincial and/or national objectives, standards or guidelines that have been used by the proponent to assist in the evaluation of any predicted environmental effects. 	Effects Assessment Chapters	Volume 3, Chapter 7 - 22, Section X.2	

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2. PROJECT JUSTIFICATION AND ALTERNATIVES CONSIDERED	2.1. Purpose of the Project		The EIS will describe the purpose of the project by providing the rationale for the project, explaining the background, problems or opportunities that the project is intended to satisfy and the stated objectives from the perspective of the proponent. If the objectives of the project are related to broader private or public sector policies, plans or programs, this information will also be included. The EIS will also describe the predicted environmental, economic and social benefits of the project. This information will be considered in assessing the justifiability of any significant adverse residual environmental effects, if such effects are identified.	Project Overview	Volume 2, Chapter 1, Section 1.1.3, Section 1.5, Section 1.9	n/a	
	2.2. Alternative Means of Carrying Out the Project			The EIS will identify and consider the effects of alternative means of carrying out the project that are technically and economically feasible. The proponent will complete the following procedural steps for addressing alternative means:	n/a	n/a	n/a
				• identify the alternative means to carry out the project;	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3, Section 4.4	n/a
				• identify the effects of each technically and economically feasible alternative means;	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3, Section 4.4	n/a
				• select the approach for the analysis of alternative means (i.e., identify a preferred means or bring forward alternative means); and	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3, Section 4.4	n/a
				• assess the environmental effects of the alternative means.	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3, Section 4.4	n/a
				In its alternative means analysis, the proponent will address, at a minimum, the following project components:	n/a	n/a	n/a
				• location and processing technology at mill;	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3.5, 4.4.2	n/a
				• location of waste rock storage;	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3.4	n/a

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			<ul style="list-style-type: none"> • location and type of explosives; 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.4.1	have no discussion of type of explosives, except for a footnote stating that no options were available for the type of explosives.
			<ul style="list-style-type: none"> • location of fuel storage; 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.4.1	n/a
			<ul style="list-style-type: none"> • location of water management infrastructure; 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.4.4	n/a
			<ul style="list-style-type: none"> • methods and location of tailings management including the dam, pond, and disposal ; 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3.6	Appendix 1-J
			<ul style="list-style-type: none"> • methods and means of water management; 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.4.4.1, Section 4.4.4.3	n/a
			<ul style="list-style-type: none"> • means for water supply; 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.4.4.2	n/a
			<ul style="list-style-type: none"> • routing of the access road; 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3.2.1.1	n/a
			<ul style="list-style-type: none"> • route and means for power supply; and 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3.7	n/a
			<ul style="list-style-type: none"> • route and means for transportation of gold doré, employees, equipment and supplies. 	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.3.2.1	n/a
			For further information regarding the “purpose of” and “alternative means”, please consult the Agency’s Operational Policy Statement entitled “Addressing “Purpose of” and “Alternative Means” under the Canadian Environmental Assessment Act, 2012”.	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.1	n/a
			The Agency recognizes that projects may be in the early planning stages when the EIS is being prepared. Where proponents have not made final decisions concerning the placement of project infrastructure, the technologies to be used, or that several options may exist for various project components, they are strongly encouraged to conduct an environmental effects analysis at the same level of detail for the various options available (alternative means) within the EIS.	Alternative Means of Undertaking the Project	Volume 2, Chapter 4, Section 4.2	n/a

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3. PROJECT DESCRIPTION	3.1. Project Components		The EIS will describe the project by presenting the project components, associated and ancillary works, and other characteristics that will assist in understanding any potential environmental effects.	Project Overview	Volume 2, Chapter 1 (all)	n/a
			This will include:	n/a	n/a	n/a
			<ul style="list-style-type: none"> maps at an appropriate scale of: project location, project components, boundaries of the proposed site with UTM coordinates, major existing infrastructure, adjacent land uses and any important environmental features; 	Project Overview	Volume 2, Chapter 1, Section 1.1.4, Section 1.1.8, Section 1.2.6, Section 1.2.9	n/a
			<ul style="list-style-type: none"> underground mine (footprint, location, and development plans); 	Project Overview	Volume 2, Chapter 1, Section 1.1.8, Section 1.7.3.2	n/a
			<ul style="list-style-type: none"> mineral processing facilities (footprint, technology, and location); 	Project Overview	Volume 2, Chapter 1, Section 1.1.8, Section 1.7.10.1, Section 1.1.8	n/a
			<ul style="list-style-type: none"> waste rock, overburden, topsoil, low grade ore storage and stock piles (footprint, locations, volumes, development plans and design criteria); 	Project Overview	Volume 2, Chapter 1, Section 1.1.8, Section 1.7.3.3, Section 1.6.4.5, Section 1.7.3.4, Section 1.7.3.3.2, Section 1.6.4.5, Section 1.7.3.3.2, Section 1.6.4.5	n/a
			<ul style="list-style-type: none"> tailings management facility including the dam and pond (footprint, location and preliminary designs); 	Project Overview	Volume 2, Chapter 1, Section 1.1.8, Section 1.6.4.14.2	Appendix 1-H
			<ul style="list-style-type: none"> water management infrastructure for underground mine water and surface water; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.1, Section 1.7.12.2	Appendix 1-H
			<ul style="list-style-type: none"> facilities for the storage and manufacture of explosives; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.8, Section 1.7.7	n/a
			<ul style="list-style-type: none"> reagent and fuel storage facility; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.7, Section 1.7.5, Section 1.7.10.7	n/a
			<ul style="list-style-type: none"> drinking and industrial water supply infrastructure (source and quantity); 	Project Overview	Volume 1, Chapter 1, Section 1.6.4.2, Section 1.7.12.1	
			<ul style="list-style-type: none"> sewage and septic works; 	Project Overview	Volume 2, Chapter 1, , Section 1.6.4.10.1	n/a
			<ul style="list-style-type: none"> borrow areas; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.6	n/a
			<ul style="list-style-type: none"> concrete batch plant; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.14.2	n/a
			<ul style="list-style-type: none"> permanent and temporary linear infrastructures (access road and power lines), identifying the route of each of these linear infrastructures, including the location and types of structure used for stream crossings; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.12, Section 1.6.3, Section 1.6.3.4, Section 1.6.4.11, Section 1.6.3.4.2	Appendix 1-I
	<ul style="list-style-type: none"> energy supply (source and quantity); and 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.12, Section 1.7.5	n/a		
	<ul style="list-style-type: none"> administrative and support facilities. 	Project Overview	Volume 2, Chapter 1, Section 1.1.8, Section 1.6.4.15	n/a		

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	3.2. Project Activities		<p>The EIS will include descriptions of the construction, operation, decommissioning and abandonment phases associated with the proposed project. This will include descriptions of the activities to be carried out during each phase, the location of each activity, expected outputs and an indication of the activity's magnitude and scale.</p> <p>Although a complete list of project activities should be provided, the emphasis will be on activities with the greatest potential to have environmental effects. Sufficient information will be included to predict environmental effects and address public concerns identified. The proponent will highlight activities that involve periods of increased environmental disturbance or the release of materials into the environment.</p> <p>The EIS will include a summary of any changes that have been made to the project since originally proposed, including the effect of these changes to the environment, Aboriginal peoples, and the public.</p> <p>The EIS will include a schedule including time of year, frequency, and duration for all project activities.</p>	Project Overview	Volume 2, Chapter 1 (all) Volume 3, Chapter 6, Section 6.5 Volume 2, Chapter 1, Section 1.9	Appendix 1-H, Appendix 1
			The EIS will include a description of the following project activities as they relate to project components:	n/a	n/a	n/a
		3.2.1. Site Preparation and Construction	<ul style="list-style-type: none"> • site clearing, earthmoving and leveling activities; 	Project Overview	Volume 2, Chapter 1, Section 1.6.1, Section 1.6.1.1, Section 1.6.1.1.2, Section 1.6.2, Section 1.6.3.2.3	n/a
			<ul style="list-style-type: none"> • blasting activities including the frequency, methods, and type of explosives; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.8, Section 1.7.7	n/a
			<ul style="list-style-type: none"> • storage and manufacture of explosives; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.8, Section 1.7.7	n/a
			<ul style="list-style-type: none"> • borrow materials requirements (source and quantity); 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.6	n/a
			<ul style="list-style-type: none"> • water management activities including drainage, water diversions and treatment (if applicable); 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.2, Section 1.7.12.2, Section 1.7.12.3	Appendix 1-H
			<ul style="list-style-type: none"> • contribution to atmospheric emissions, including emissions profile (type, rate and source) 	Project Overview	Volume 2, Chapter 1, Section 1.2.8	Appendix 7-A

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			<ul style="list-style-type: none"> quantification of direct yearly greenhouse gas emissions measured as kilotonnes of CO2 equivalent per year 	Project Overview	Volume 2, Chapter 1, Section 1.2.8	Appendix 7-A
			<ul style="list-style-type: none"> construction of structures for mill, warehouse and other infrastructure; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.1.2, Section 1.6.4.13, Section 1.6.4.15	n/a
			<ul style="list-style-type: none"> construction of batch plant for concrete; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.15	n/a
			<ul style="list-style-type: none"> construction of watercourse crossings for access road and power line; 	Project Overview	Volume 2, Chapter 1, Section 1.6.3.4, Section 1.6.4.12	n/a
			<ul style="list-style-type: none"> transportation of employees, equipment and supplies including the number of trips to and from the site; and 	Project Overview	Volume 2, Chapter 1, Section 1.5.7, Section 1.6.3.1	n/a
			<ul style="list-style-type: none"> equipment requirements (type, quantity). 	Project Overview	Volume 2, Chapter 1, Section 1.6.1.2	n/a
		3.2.2. Operation	<ul style="list-style-type: none"> mining activities including mining sequence, ore production, and doré production; 	Project Overview	Volume 2, Chapter 1, Section 1.7.3.1	n/a
			<ul style="list-style-type: none"> mineral processing activities; 	Project Overview	Volume 2, Chapter 1, Section 1.7.10	n/a
			<ul style="list-style-type: none"> tailings management activities including quantity (loading), treatment and discharge; 	Project Overview	Volume 2, Chapter 1, Section 1.7.11, Section 1.7.12.3, Section 1.7.12.2.1	Appendix 1-H
			<ul style="list-style-type: none"> type and quantity of operational equipment; 	Project Overview	Volume 2, Chapter 1, Section 1.7.4	n/a
			<ul style="list-style-type: none"> blasting activities including frequency, methods and type of explosives; 	Project Overview	Volume 2, Chapter 1, Section 1.6.1.1 Section 1.6.1.1.2, Section 1.6.3.2.3, Section 1.6.3.9, Section 1.6.4, Section 1.6.4.8, Section 1.7.3.2.5, Section 1.7.7	Volume 5, Chapter 29, Section 29.3.8.2.1, Section 29.8.4, Section 29.10.4, Section 29.10.5, Section 29.15.2, Section 29.15.4.4.2, Section 29.16.2, Section 29.16.5.4, Section 29.26.2, Section 29.26.5.4, Section 29.26.6, Section 29.26.6.3, Section 29.26.7.3
			<ul style="list-style-type: none"> water management activities including a detailed water budget, water recycling, water diversions and treatment (if applicable); 	Project Overview	Volume 2, Chapter 1, Section 1.7.12, Section 1.6.4.1, Section 1.7.11.2, Section 1.7.11.3	Appendix 1-H Appendix 14-C
			<ul style="list-style-type: none"> explosives storage and manufacture, reagent and fuel management (including volumes, storage, types); 	Project Overview	Volume 2, Chapter 1, Section 1.3, Section 1.7.7, Section 1.7.10.7, Section 1.6.4.7, Section 1.7.5	n/a
			<ul style="list-style-type: none"> characterization and management of waste rock, overburden, topsoil, and low grade ore (i.e. quantity, mineralogical characterization, and potential for metal 	Project Overview	Volume 2, Chapter 1, Section 1.7.3.3, Section 1.6.4.5, Section 1.6.4.5, Section 1.7.3.4.1, Section 1.7.3, Section 1.7.3	Volume 7, Appendix 1-B, Appendix 1-K, Appendix 1-L
			<ul style="list-style-type: none"> contribution to atmospheric emissions, including emissions type, rate and source; 	Project Overview	Volume 2, Chapter 1, Section 1.2.8	n/a
			<ul style="list-style-type: none"> quantification of direct yearly greenhouse gas emissions measured as kilotonnes of CO2 equivalent per year 	Project Overview	Volume 2, Chapter 1, Section 1.2.8	Appendix 7-A

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			<ul style="list-style-type: none"> • environmental monitoring; 	Project Overview	Volume 2, Chapter 1, Section 1.8	n/a
			<ul style="list-style-type: none"> • waste management and recycling activities for waste other than tailings and waste rock; 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.10, Section 1.7.9	n/a
			<ul style="list-style-type: none"> • transportation (including number of trips) of employees, doré, equipment and supplies along access road; and 	Project Overview	Volume 2, Chapter 1, Section 1.6.3.1	n/a
			<ul style="list-style-type: none"> • grading and brushing access road as required to maintain it. 	Project Overview	Volume 2, Chapter 1, Section 1.6.4.3.1	n/a
		3.2.3. Decommissioning and Abandonment	<ul style="list-style-type: none"> • backfilling; 	Project Overview	Volume 2, Chapter 1, Section 1.7.3.2.2	n/a
			<ul style="list-style-type: none"> • the preliminary outline of a decommissioning and reclamation plan for any components associated with the project; 	Closure and Reclamation	Volume 2, Chapter 5, Section 5.3, Section 5.4, Section 5.6, Section 5.7, Section 5.8, Section 5.9	Volume 7, Appendix 1-H
			<ul style="list-style-type: none"> • covering of Tailings Management Facility; 	Closure and Reclamation; Tailings Management Plan	Volume 2, Chapter 5, Section 5.6.3 Volume 5, Chapter 29, Section 29.22	Volume 7, Appendix 1-H
			<ul style="list-style-type: none"> • removal of surface structures and concrete foundations; 	Closure and Reclamation	Volume 2, Chapter 5, Section 5.6.5	Volume 7, Appendix 1-H
			<ul style="list-style-type: none"> • deactivation of road and power line right of ways including removal of bridges and culverts; 	Closure and Reclamation	Volume 2, Chapter 5, Section 5.6.6, Section 5.6.8	Volume 7, Appendix 1-H
			<ul style="list-style-type: none"> • environmental monitoring; 	Closure and Reclamation	Volume 2, Chapter 5, Section 5.10	Volume 7, Appendix 1-H
			<ul style="list-style-type: none"> • the ownership, transfer and control of the different project components; and 	Closure and Reclamation	Volume 2, Chapter 5	n/a
			<ul style="list-style-type: none"> • for permanent facilities, a description of how decommissioning would occur. 	Closure and Reclamation	Volume 2, Chapter 5, Section 5.6	Volume 7, Appendix 1-H
4.	PUBLIC CONSULTATION AND CONCERNS		The EIS will describe the ongoing and proposed consultations and the information sessions that the proponent will hold or that it has already held on the project. It will provide a description of efforts made to distribute project information and provide a description of information and materials that were distributed during the consultation process. The EIS will indicate the methods used, where the consultation was held, the persons and organizations consulted, the concerns voiced and the extent to which this information was incorporated in the design of the project as well as in the EIS. The EIS will provide a summary of key issues raised related to the EA as well as describe any outstanding issues and ways to address them.	Public Consultation	Volume 4, Chapter 28, Section 28.4	Volume 10, Appendix 28-A

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5. ABORIGINAL ENGAGEMENT AND CONCERNS			For the purposes of developing the EIS, the proponent will engage with Aboriginal groups that may be affected by the project, to obtain their views on:	n/a	n/a	n/a
			<ul style="list-style-type: none"> effects of changes to the environment on Aboriginal peoples (including health and socio-economic issues; physical and cultural heritage, including any structure, site or thing that is of historical, archaeological, paleontological or architectural significance; and current use of lands and resources for traditional purposes), and 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3, Section 25.5.3, Section 25.8 Volume 4, Chapter 26, Section 26.3, Section 26.5.3, Section 26.7.3, Section 26.9 Volume 4, Chapter 27, Section 27.3, Section 27.4.3.7, Section 27.4.4.7, Section 27.4.5.7, Section 27.4.6.7. Section 27.7	Volume 10, Appendix 27-A
			<ul style="list-style-type: none"> potential adverse impacts of the project on potential or established Aboriginal or treaty rights, and related interests. 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3, Section 25.6 Volume 4, Chapter 26, Section 26.2.2, Section 26.3, Section 26.6 Volume 4, Chapter 27, Section 27.3, Section 27.4, Section 27.4.4.5, Section 27.4.5.7.2, Section 27.4.4.7.2	Volume 10, Appendix 27-A
			With respect to the above matters and in addition to information requirements outlined in Part 2, Sections 6.19 and 6.35, of these guidelines, the EIS will include:	n/a	n/a	n/a
			<ul style="list-style-type: none"> VCs suggested by Aboriginal groups and their rationale for inclusion in the EIS, whether they were included, and the proponent's rationale for any exclusions; 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.2.2.11, Section 25.4.2, Section 25.5.2, Section 25.3 Volume 4, Chapter 26, Section 26.3, Section 26.4.2 Volume 4, Chapter 27, Section 27.3, Section 27.4	Volume 10, Appendix 27-A
			<ul style="list-style-type: none"> each group's potential or established rights (including geographical extent, nature, frequency, timing), including maps and data sets (e.g. fish catch numbers) when this information is provided by a group to the proponent or available through public records; 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.2.2 Volume 4, Chapter 26, Section 26.2.2 Volume 4, Chapter 27, Sections 27.2.2, 27.2.3, and 27.3.4	n/a

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			<ul style="list-style-type: none"> based on the proponent’s perspective, the potential adverse impacts of each of the project components and physical activities, in all phases, on potential or established Aboriginal or treaty rights, or related interests. This assessment is to be based on a comparison of the exercise of the identified rights between the predicted future conditions with the project and the predicted future conditions without the project. Include the perspectives of Aboriginal groups where these were provided to the proponent by the groups; 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.5 Volume 4, Chapter 26, Section 26.5 Volume 4, Chapter 27, Section 27.4	n/a
			<ul style="list-style-type: none"> based on the proponent’s perspective, the measures identified to mitigate or accommodate potential adverse impacts of the project on the potential or established Aboriginal or treaty rights, or related interests. These measures will be written as specific commitments that clearly describe how the proponent intends to implement them; 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.6 Volume 4, Chapter 26, Section 26.6 Volume 4, Chapter 27, Section 27.4	
			<ul style="list-style-type: none"> based on the proponent’s perspective, the effects of changes to the environment on Aboriginal peoples or potential adverse impacts on potential or established Aboriginal or treaty rights that have not been fully mitigated or accommodated as part of the EA and associated engagement with Aboriginal groups, including the potential adverse effects that may result from the residual and cumulative environmental effects. Include the perspectives of Aboriginal groups where these were provided to the proponent by the groups; 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25,Section 25.8. Volume 4, Chapter 26, Section 26.9 Volume 4, Chapter 27, Section 27.4	
			<ul style="list-style-type: none"> specific suggestions raised by Aboriginal groups for mitigating the effects of changes to the environment on Aboriginal peoples or accommodating potential adverse impacts of the project on potential or established Aboriginal or treaty rights, and related interests; 	Tsetsaut Skii Km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25,Section 25.8. Section 25.6. Volume 4, Chapter 26, Section 26.3, Section 26.6. Volume 4, Chapter 27, Section 27.3	Volume 10, Appendix 27-A
			<ul style="list-style-type: none"> views expressed by Aboriginal groups on the effectiveness of the mitigation or accommodation measures; 	Consultation Summary	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 10, Appendix 27-A
			<ul style="list-style-type: none"> views expressed by Aboriginal groups on past, present or future Aboriginal fisheries; 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A

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			<ul style="list-style-type: none"> from the proponent’s perspective, any potential cultural, social and/or economic impacts or benefits to Aboriginal groups that may arise as a result of the project. Include the perspectives of Aboriginal groups where these were provided to the proponent by the groups; 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3, Section 25.5, Section 25.9 Volume 4, Chapter 26, Section 26.3, Section 26.5, Section 26.9 Volume 4, Chapter 27, Section 27.3, Section 27.4, Section 27.5, Section 27.7	Volume 9, Appendix 27-A
			<ul style="list-style-type: none"> any other comments, specific issues and concerns raised by Aboriginal groups and how they were responded to or addressed; 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
			<ul style="list-style-type: none"> changes made to the project design and implementation directly as a result of discussions with Aboriginal groups; 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
			<ul style="list-style-type: none"> where and how Aboriginal traditional knowledge was incorporated into the environmental effects assessment (including methodology, baseline conditions and effects analysis for all VCs) and the consideration of potential adverse impacts on potential or established Aboriginal or treaty rights, and related interests and related mitigation measures; and 	Effects Assessment Methodology	Volume 3, Chapter 6, Section 6.1.2, Section 6.4, Section 6.4.3, Section 6.5, Section 6.6.1, Section 6.7.1, Section 6.12.2.3, Section 6.12.3.4, Section 6.13	
			<ul style="list-style-type: none"> any additional issues and concerns raised by Aboriginal groups in relation to the environmental effects assessment or the potential adverse impacts of the project on potential or established Aboriginal or treaty rights, and related interests. 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.9 Volume 4, Chapter 26, Section 26.9 Volume 4, Chapter 27, Section 27.6	Volume 9, Appendix 27-A
	5.1.	Aboriginal Groups to Engage & Engagement Activities	With respect to engagement activities, the EIS will document:	n/a	n/a	n/a
			<ul style="list-style-type: none"> the engagement activities undertaken with each Aboriginal group prior to the submission of the EIS, including the date and means of engagement (e.g. meeting, mail, telephone); 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
			<ul style="list-style-type: none"> any future planned engagement activities; and 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
			<ul style="list-style-type: none"> how engagement activities by the proponent allowed Aboriginal groups to understand the project and evaluate its effects on their communities, activities, potential or established Aboriginal or treaty rights, and related interests. 	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A

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			In preparing the EIS, the proponent will ensure that Aboriginal groups have access to timely and relevant information on the project and how the project may adversely impact them. The proponent will structure its Aboriginal engagement activities to provide adequate time for Aboriginal groups to review and comment on the relevant information. Engagement activities are to be appropriate to the groups' needs and should be arranged through discussions with the groups. The EIS will describe all efforts, successful or not, taken to solicit the information required from Aboriginal groups to support the preparation of the EIS.	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
			The proponent will ensure that views of Aboriginal groups are recorded and that Aboriginal groups are provided with opportunities to validate the interpretation of their views. The proponent will keep detailed tracking records of its engagement activities, recording all interactions with Aboriginal groups, the issues raised by each Aboriginal group and how the proponent addressed the concerns raised. The proponent will share these records with the Agency.	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
		5.1.1 Nisga'a Nation	The proponent will hold meetings with the Nisga'a Nation and facilitate these meetings by making key EA summary documents (e.g. baseline studies, EIS, key findings, plain language summaries) accessible. The proponent will ensure there are sufficient opportunities for individuals and groups to provide oral input in the language of their choice. The proponent will ensure that the Nisga'a Nation's views are heard and recorded.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A

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			In order to assist Canada in fulfilling its obligations under the Nisga'a Final Agreement, the proponent will assess the adverse environmental effects on residents of Nisga'a Lands, Nisga'a Lands, or Nisga'a interests as set out in paragraph 8(e), Chapter 10 of the Nisga'a Final Agreement and, where appropriate, will make recommendations to prevent or mitigate those effects. For the purposes of the 8(e) assessment, effects to ecological environment, human health and treaty right to use will be included. The proponent will also assess the effects of the project on the existing and future economic, social and cultural well-being of Nisga'a citizens who may be affected by the project as set out in paragraph 8(f), Chapter 10 of the Nisga'a Final Agreement.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.4, Section 27.5	
		5.1.2 Other Potentially Impacted Aboriginal Groups	There are additional Aboriginal groups that are expected to be less affected by the project and its related effects. The proponent will make key EA summary documents (e.g. draft/final EIS, key findings, plain language summaries) accessible to these Aboriginal groups and ensure their views are heard and recorded. These Aboriginal groups include:	n/a	n/a	n/a
			<ul style="list-style-type: none"> • Tsetsaut/Skii km Lax Ha 	Tsetsaut Skii km Lax Ha	Volume 4, Chapter 25	Volume 9, Appendix 27-A
			<ul style="list-style-type: none"> • Métis Nation BC 	Métis Nation BC	Volume 4, Chapter 26	Volume 9, Appendix 27-A
6. EFFECTS ASSESSMENT	6.1. Project Setting and Baseline Conditions	6.1.1. Atmospheric Environment	<ul style="list-style-type: none"> • ambient air quality in the project areas and, for the mine site, the results of a baseline survey of ambient air 	Air Quality Effects Assessment	Volume 3, Chapter 7, Section 7.4.4	n/a
			<ul style="list-style-type: none"> • existing greenhouse gas emissions measured as kilotonnes of CO2 equivalent per year in the project study areas; 	n/a	n/a	n/a
			<ul style="list-style-type: none"> • current provincial/territorial/federal limits for greenhouse gas emission targets; 	n/a	n/a	n/a
			<ul style="list-style-type: none"> • current ambient daytime and night-time noise levels at key receptor points (e.g. Aboriginal communities), including the results of a baseline ambient noise surveys. Information on typical sound sources, geographic extent and temporal variations will be included; and 	Noise Effects Assessment	Volume 3, Chapter 8, Section 8.4.4	n/a

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			<ul style="list-style-type: none"> historical records of total precipitation (rain and snow), mean, maximum and minimum temperatures. 	Hydrology Effects Assessment	Volume 3, Chapter 12, Section 12.4.4.1	Volume 8, Appendix 12-A, Section 4.3.6, Section 8
		6.1.2. Geology and Geochemistry	<ul style="list-style-type: none"> the bedrock and host rock geology of the deposit, including a table of geologic descriptions, geological maps and cross-sections of appropriate scale; 	Project Overview Terrain and Soils Effects Assessment	Volume 2, Chapter 1, Section 2.2 Volume 3, Chapter 9, Section 9.4.4	Volume 8, Appendix 9-A Volume 8, Appendix 9-B Volume 8, Appendix 9-C Volume 8, Appendix 1-E Volume 8, Appendix 1-F Volume 8, Appendix 1-H Volume 8 Appendix 23-A
			<ul style="list-style-type: none"> geomorphology, topography and geotechnical characteristics of areas proposed for construction of major project components; 	Project Overview Terrain and Soils Effects Assessment	Volume 2, Chapter 1, Section 2.2 Volume 3, Chapter 9, Section 9.4.4	Volume 8, Appendix 1-A Volume 8, Appendix 1-D Volume 8, Appendix 9-A Volume 8, Appendix 9-A
			<ul style="list-style-type: none"> the mineralogical and geochemical characterization of expected mine material such as waste rock, ore, low grade ore, tailings, overburden and potential construction material in order to predict metal leaching and acid rock drainage ; and 	Management Plans	Volume 2, Chapter 1, Section 1.2.3 Volume 5, Chapter 29, Section 29.15	Volume 7, Appendix 1-B Volume 7, Appendix 1-K Volume 7, Appendix 1-L
			<ul style="list-style-type: none"> geological hazards that exist in the areas planned for the project facilities and infrastructure, including: 	Project Overview Terrain and Soils Effects Assessment	Volume 2, Chapter 1, Section 2.2 Volume 3, Chapter 9, Section 9.4.4	Volume 8, Appendix 9-A Volume 8, Appendix 9-B
			<ul style="list-style-type: none"> seismic hazard risk assessment for the project area; 	Project Overview Terrain and Soils Effects Assessment	Volume 2, Chapter 1, Section 2.2 Volume 3, Chapter 9, Section 9.4.4	Volume 8, Appendix 9-A Volume 8, Appendix 9-B
			<ul style="list-style-type: none"> isostatic rise or subsidence; 	Project Overview Accidents and Malfunctions	Volume 2, Chapter 1, Section 1.7.3.2.5 Volume 3, Chapter 23, Section 23.5.4	Volume 8, Appendix 1-E
			<ul style="list-style-type: none"> potential for landslides, avalanches, slope erosion and ground and rock instability; and 	Project Overview Terrain and Soils Effects Assessment	Volume 2, Chapter 1, Section 2.2 Volume 3, Chapter 9, Section 9.4.4	Volume 8, Appendix 9-A Volume 8, Appendix 9-B Volume 8, Appendix 9-C Volume 8, Appendix 1-E Volume 8, Appendix 1-H Volume 8 Appendix 23-A
			<ul style="list-style-type: none"> subsidence following project activities. 	Project Overview Accidents and Malfunctions	Volume 2, Chapter 1, Section 1.7.3.2.5 Volume 3, Chapter 23, Section 23.5.4	Volume 8, Appendix 1-E
		6.1.3. Topography and Soil	<ul style="list-style-type: none"> baseline mapping and description of landforms and soils within the local and regional project areas; 	Landforms and Natural Landscapes	Volume 3, Chapter 9, Section 9.4.4	Volume 7 Appendix 9-A Volume 7 Appendix 9-B

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			<ul style="list-style-type: none"> maps depicting soil depth by horizon and soil order within the mine site area to support soil salvage and reclamation efforts, and to outline potential for soil erosion; and 	Landforms and Natural Landscapes	Volume 3, Chapter 9, Section 9.4.4.2	Volume 7 Appendix 9-A
			<ul style="list-style-type: none"> suitability of topsoil and overburden for use in the rehabilitation of disturbed areas. 	Landforms and Natural Landscapes	Volume 3, Chapter 9, Section 9.4.4.2	Volume 7 Appendix 9-A
		6.1.4. Groundwater and Surface Water	<ul style="list-style-type: none"> hydrogeology, including: 	Hydrogeology Effects Assessment	Volume 3, chapter 10	Volume 8, Appendix-10A Volume 8, Appendix -10B
			<ul style="list-style-type: none"> the hydrogeological context (e.g. hydrostratigraphy with aquifers and aquitards, major faults, etc.) including the delineation of key stratigraphic and hydrogeologic boundaries; 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4	Volume 8, Appendix-10A Volume 8, Appendix -10B
			<ul style="list-style-type: none"> the physical properties of hydrogeological units (e.g. hydraulic conductivity, transmissivity, saturated thickness, storativity, porosity, specific yield); 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4.4.2.1, Section 10.4.4.2.4, Section 10.4.4.3.1, Section 10.4.4.3.3	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> the groundwater flow patterns and rates; 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> a discussion of the hydrogeologic, hydrologic, geomorphic, climatic and anthropogenic controls on groundwater flow; 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4.1, Section 10.4.4	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> temporal changes in groundwater flow (e.g. seasonal and long term changes in water levels); and 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4.4	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> a delineation and characterization of groundwater surface water interactions including the locations of groundwater discharge to surface water and surface water recharge to groundwater. 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> hydrogeological maps and cross-sections for the mine area to outline the extent of aquifers and aquitards, including bedrock fracture and fault zones, locations and depths of wells, groundwater types, springs, surface waters, and project facilities. Groundwater levels, potentiometric contours, flow directions, groundwater divides and areas of recharge and discharge should be included; 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4.4.2	Volume 8, Appendix-10A Volume 8, Appendix-10B

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			<ul style="list-style-type: none"> all groundwater monitoring wells, including their location, in the project area, including geologic, hydrostratigraphic, piezometric and construction data (e.g. depths of surficial and bedrock units, water level, hydraulic conductivity, diameter and screen depth and intercepted aquifer unit); 	Hydrogeology Effects Assessment Groundwater Quality Effects Assessment	Volume 3, Chapter 10, Section 10.3.2, Section 10.4 Volume 3, Chapter 11, Section 11.4.2, Section 11.4.3	Volume 8, Appendix-10A Volume 8, Appendix-10B Volume 8, Appendix 14-A
			<ul style="list-style-type: none"> monitoring protocol for collection of existing groundwater data; 	Hydrogeology Effects Assessment Groundwater Quality Effects Assessment	Volume 3, Chapter 10, Section 10.4 Volume 3, Chapter 11, Section 11.4.2	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> an appropriate hydrogeologic model for the project area, which discusses the hydrostratigraphy and groundwater flow systems; a sensitivity analysis will be performed to test model sensitivity to climatic variations (e.g. recharge) and hydrogeologic parameters (e.g. hydraulic conductivity); 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> graphs or tables indicating the seasonal variations in groundwater levels, flow regime, and quality; 	Hydrogeology Effects Assessment	n/a	Volume 8, Appendix -10A Volume 8, Appendix -10B
			<ul style="list-style-type: none"> local and regional potable groundwater supplies, including their current use and potential for future use; 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4.4.1	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> bedrock fracture sizes and orientations in relation to groundwater flow; 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.4	Volume 8, Appendix-10A
			<ul style="list-style-type: none"> the delineation of drainage basins, at appropriate scales (water bodies and watercourses), including intermittent streams, flood risk areas and wetlands, boundaries of the watershed and subwatersheds, overlaid by key project components; 	Hydrogeology Effects Assessment Hydrology Effects Assessment	Volume 3, Chapter 10, Section 10.4	Volume 8, Appendix-10A Volume 8, Appendix-10B Volume 8, Appendix 12-A
			<ul style="list-style-type: none"> hydrological regimes, including monthly, seasonal and annual water flow (discharge) data; 	Hydrogeology Effects Assessment Hydrology Effects Assessment Surface Water Quality Effects Assessment	Volume 3, Chapter 10, Section 10.4 Volume 3, Chapter 12, Section 12.4 Volume 3, Chapter 13, Section 13.4	Volume 8, Appendix-10A Volume 8, Appendix-10B Volume 8, Appendix 12-A

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			<ul style="list-style-type: none"> for each affected water body, the total surface area, bathymetry, maximum and mean depths, water level fluctuations, types of substrate (sediments); 	Hydrology Effects Assessment Hydrogeology Effects Assessment	Volume 3, Chapter 12, Section Volume 3, Chapter 10, Section 10.4	Volume 8, Appendix-12-A Volume 8, Appendix-14-C Volume 8, Appendix-18-A Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> monthly water quality field and lab analytical results (e.g. water temperature, turbidity, pH, dissolved oxygen profiles, all contaminants of potential concern) and interpretation at several representative local stream and water body monitoring stations established at the project site; 	Surface Water Quality Effects Assessment		Volume 8, Appendix 14-A (Appendix 1), Section 3, Section 5
			<ul style="list-style-type: none"> any local and regional potable surface water resource; and 	Hydrogeology Effects Assessment	Volume 3, Chapter 10, Section 10.1.4.4.1	Volume 8, Appendix-10A Volume 8, Appendix-10B
			<ul style="list-style-type: none"> sediment quality analysis for sites likely to receive mine effluents; 	Sediment Quality Effects Assessment	Volume 3, Chapter 14, Section 14.4.3, Section 14.4.4	Volume 8, Appendix 18-A
		6.1.5. Fish and Fish Habitat	For potentially affected surface waters:	n/a	n/a	n/a
			<ul style="list-style-type: none"> a characterization of fish populations on the basis of species and life stage, including information on the surveys carried out and the source of data available (e.g. location of sampling stations, catch methods, dates of catches, species); 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4	Volume 8, Appendix 18-A Volume 8, Appendix 18-B
			<ul style="list-style-type: none"> a characterization of fish populations should also indicate whether species are a part of a commercial, recreational or aboriginal (CRA) fisheries or support CRA fisheries. 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4.2	Volume 8, Appendix 18-A
			<ul style="list-style-type: none"> a list of any fish or invertebrate species at risk known to be present in the project area; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4.2	Volume 8, Appendix 18-A
			<ul style="list-style-type: none"> a description of the habitat by homogeneous section, including the length of the section, width of the channel from the high water mark (bankful width), water depths, type of substrate (sediments), aquatic and riparian vegetation, and photos; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4.1	Volume 8, Appendix 18-A
			<ul style="list-style-type: none"> cross reference habitat descriptions with fish species utilization of those habitats and timing as related to life history stage; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4.2	Volume 8, Appendix 18-A
			<ul style="list-style-type: none"> a description of natural obstacles (e.g. falls, beaver dams) or existing structures (e.g. water crossings) that hinder the free passage of fish; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4.1.1	Volume 8, Appendix 18-A

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			<ul style="list-style-type: none"> maps, at a suitable scale, indicating the surface area of potential or confirmed fish habitat for spawning, nursery, feeding, overwintering, migration routes, etc. This information should be linked to water depths (bathymetry) to identify the extent of a water body's littoral zone; and 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4.2	Volume 8, Appendix 18-A
			<ul style="list-style-type: none"> the description and location of suitable habitats for fish species at risk that appear on federal and provincial lists and that are found or are likely to be found in the study area. 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.4.4.2.1	Volume 8, Appendix 18-A
			Note that certain intermittent streams or wetlands may constitute fish habitat or contribute indirectly to fish habitat. The absence of fish at the time of the survey does not irrefutably indicate an absence of fish habitat.	n/a	n/a	n/a
		6.1.6. Migratory Birds and their Habitat	<ul style="list-style-type: none"> the various ecosystems related to migratory bird habitat found in the project area likely to be affected based on Terrestrial Ecosystem Mapping (RISC Standards) at the appropriate scale; 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.4.5, Section 16.7.9	Volume 3, Appendix 16-A
			<ul style="list-style-type: none"> migratory and non-migratory birds (including waterfowl, raptors, shorebirds, marsh birds and other land birds); and 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.4.5, Section 16.7.9 to Section 16.7.12	Volume 3, Appendix 16-A
			<ul style="list-style-type: none"> year-round migratory bird use of the area (e.g. winter, spring migration, breeding season, fall migration). 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.4.5, Section 16.7.9 to Section 16.7.12	Volume 3, Appendix 16-A
		6.1.7. Species at Risk	<ul style="list-style-type: none"> a list of all potential or known federally listed species at risk that may be affected by the project (fauna and flora), using existing data and literature as well as surveys to provide current field data; 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.3.3	Volume 3, Appendix 16-A
			<ul style="list-style-type: none"> a list of all federal species designated by the Committee on the Status of Endangered Wildlife in Canada for listing on Schedule 1 of the Species at Risk Act. This will include those species in the risk categories of extirpated, endangered, threatened and special concern ; 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.3.3	Volume 3, Appendix 16-A
			<ul style="list-style-type: none"> any published studies that describe the regional importance, abundance and distribution of species at risk; and 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.2.1, Section 16.2.2, Section 16.4.4, Section 16.4.5, Section 16.7.3 to Section 16.7.11	Volume 3, Appendix 16-A

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			<ul style="list-style-type: none"> residences, seasonal movements, movement corridors, habitat requirements, key habitat areas, identified critical habitat and recovery habitat (where applicable) and general life history of species at risk that may occur in the project area, or be affected by the project including Marbled Murrelet, Northern Myotis, Little Brown Myotis and Western Toad. 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.4.4, Section 16.4.5, Section 16.4.6, Section 16.7.3 to Section 16.7.13	Volume 3, Appendix 16-A
		6.1.8. Aboriginal Peoples	<p>With respect to potential effects on Aboriginal peoples and the related VCs, baseline information will be provided for each Aboriginal group identified in section 5 (and any groups identified after these guidelines are finalized). Baseline information will describe and characterize the elements in sub-paragraph 5(1)(c) of CEAA 2012, based on the spatial and temporal scope selected for the assessment, according to the factors outlined in Part 1, section 3.3.3. Baseline information will also characterize the regional context of each of the sub-paragraph 5(1)(c) elements to support the assessment of project-related effects and cumulative effects. Baseline information will be sufficient to provide a comprehensive understanding of the current state of each VC</p>	Tsetsaut Skii km Lax Ha Métis Nation BC: Nisga'a Nation	Volume 4, Chapter 25, Section 25.2.2 Volume 4, Chapter 26, Section 26.2.2 Volume 4, Chapter 27, Sections 27.2.2, 27.2.3, and 27.3.4	n/a

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			<p>Current Use of Lands and Resources for Traditional Purposes</p> <p>Baseline information for current use of lands and resources for traditional purposes will focus on the traditional activity (e.g. hunting, fishing, trapping, plant gathering) and include a characterization of all attributes of the activity that can be affected by changes to the environment. This includes not only identifying species of importance, but also assessing the quality and quantity of preferred traditional resources and locations, timing (e.g. seasonality, access restrictions, distance from community), ambient/sensory environment (e.g. noise, air quality, visual landscape, presence of others) and cultural environment (e.g. historical/generational connections, preferred areas).</p>	Social Effects Assessment	Volume 3, Chapter 20, Section 20.1.5.3	n/a
			Specific aspects that will be considered include, but are not limited to:	n/a	n/a	n/a
			• location of traditional territory (including maps where available);	Tsetsaut Skii km Lax Ha	Volume 4, Chapter 25, Section 25.2.2.6	n/a
			• traditional uses currently practiced or practiced in recent history;	Social Effects Assessment	Volume 3, Chapter 20, Section 20.10.5	n/a
			• location of reserves and communities;	Social Effects Assessment	Volume 3, Chapter 20, Section 20.10.5.3.2	n/a
			• location of hunting camps, trap lines and cabins;	Social Effects Assessment	Volume 3, Chapter 20, Section 20.10.5.1	n/a
			• fish, wildlife, birds, plants or other natural resources of importance for traditional use;	Social Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 20, Section 20.10.5 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	n/a
			• places where fish, wildlife, birds, plants or other natural resources are harvested;	Social Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 20, Section 20.10.5 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	n/a
			• access and travel routes for conducting traditional practices;	Social Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 20, Section 20.10.5 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	n/a

EIS GUIDELINES SECTION			GUIDELINES TEXT	ENVIRONMENT ASSESSMENT APPLICATION		
Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
			<ul style="list-style-type: none"> • frequency, duration, seasonality, timing of traditional practices; and, 	Social Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 20, Section 20.10.5 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	n/a
			<ul style="list-style-type: none"> • cultural values associated with the area affected by the project and the traditional uses identified. 	Social Effects Assessment Heritage Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 20, Section 20.10.5 Volume 3, Chapter 21, Section 21.4.3 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	n/a
			Health and Socio-economic Conditions Baseline information for health and socio-economic conditions will include the functioning and health of the socio-economic environment, encompassing a broad range of matters that affect communities in the study area in a way that recognizes interrelationships, system functions and vulnerabilities.	Economic Effects Assessment Social Effects Assessment Health Effects Assessment	Volume 3, Chapter 19, Section 19.4 Volume 3, Chapter 20, Section 20.4 Volume 3, Chapter 22, Section 22.4	Appendix 22-A
			Specific aspects that will be considered include, but are not limited to:	n/a	n/a	n/a
			<ul style="list-style-type: none"> • drinking water (sources - permanent, seasonal, periodic, or temporary; consumption patterns); 	Social Effects Assessment Health Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC	Volume 3, Chapter 20, Section 20.5.3.5 Volume 3, Chapter 22, Section 22.4 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2	Appendix 22-A
			<ul style="list-style-type: none"> • country foods (e.g. species and particular parts consumed, consumption patterns, reliance) 	Economic Effects Assessment Health Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 19, Section 19.4.4.3, Section 19.4.4.4 Volume 3, Chapter 22, Section 22.4 Volume 4, Chapter 25, Section 25.2.2.7, Section 25.2.2.11 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	Appendix 22-A
			<ul style="list-style-type: none"> • commercial activities (e.g. fishing, trapping, hunting, forestry, outfitting); and, 	Economic Effects Assessment Health Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 19, Section 19.4. Volume 3, Chapter 22, Section 22.4 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	Appendix 22-A
			<ul style="list-style-type: none"> • recreational uses. 	Social Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 3, Chapter 20, Section 20.3.3, Section 20.5.2, Section 20.5.3.8 Volume 4, Chapter 25, Section 25.5.2 Volume 4, Chapter 26, Section 26.5.2 Volume 4, Chapter 27, Section 27.4	Appendix 22-A

EIS GUIDELINES SECTION			GUIDELINES TEXT	ENVIRONMENT ASSESSMENT APPLICATION		
Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
			Physical and cultural heritage (including any site, structure or thing of archaeological, paleontological, historical or architectural significance)	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.4	n/a
			Baseline information for physical and cultural heritage (including any site, structure or thing of archaeological, paleontological, historical or architectural significance) will consider all elements of cultural and historical importance to Aboriginal groups in the area and is not restricted to artifacts considered under provincial heritage legislative requirements. Specific aspects that will be considered include but are not limited to:	Heritage Effects Assessment	Volume 3, Chapter 21	n/a
			• Burial sites;	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.4.3	Volume 8, Appendix 21-A Volume 8, Appendix 21-B
			• Cultural landscapes;	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.4.3	Volume 8, Appendix 21-A Volume 8, Appendix 21-B
			• Sacred, ceremonial or culturally important places, objects or things; and,	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.4.3	Volume 8, Appendix 21-A Volume 8, Appendix 21-B
			• Archaeological potential and/or artifacts.	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.4.3	Volume 8, Appendix 21-A Volume 8, Appendix 21-B
			Any other baseline information that supports the analysis of predicted effects on Aboriginal peoples will be included as necessary. The EIS will also indicate how input from Aboriginal groups was used in establishing the baseline conditions related to health and socio-economics, physical and cultural heritage and current use of lands and resources for traditional purposes.	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
		6.1.9. Nisga'a Nation	Baseline information must be collected, taking into account where appropriate the Economic, Social, and Cultural Impact Assessment Guidelines, for the assessment of:	n/a	n/a	n/a

EIS GUIDELINES SECTION			GUIDELINES TEXT	ENVIRONMENT ASSESSMENT APPLICATION		
Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
			1. Whether the project can reasonably be expected to have adverse environmental effects on residents of Nisga'a Lands, Nisga'a Lands, or Nisga'a interests as set out in the Nisga'a Final Agreement (paragraph 8(e) of Chapter 10), and	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.2	n/a
			2. Effects of the Project on the existing and future economic, social and cultural well-being of Nisga'a citizens who may be affected by the project (paragraph 8(f) of Chapter 10).	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.3, Section 27.2.4	n/a
			Baseline information to be collected for the assessment under paragraph 8(e) of the Nisga'a Final Agreement must include, at a minimum:	n/a	n/a	n/a
			1. Ecological Environment – Relevant valued components of the ecosystem.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.3.6.3, Section 27.3.6.4, Section 27.4.2.3, Section 27.4.3.6.7, Section 27.4.3.7.1, Section 27.4.3.7.2, Section 27.4.5.7.1, Section 27.4.6.7.1	n/a
			2. Treaty Right to Use – The current or future use by Nisga'a citizens (regardless of actual levels of past or current use) of the relevant valued components of the ecosystem.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.2.3	n/a
			3. Human Health –The health of Nisga'a citizens and other residents of Nisga'a Lands who use that component of the ecosystem.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.3.6.4, Section 27.4.3.7.3, Section 27.4.4.7.3, Section 27.4.6.7.3	n/a
			Baseline information to be collected for the assessment under Paragraph 8(f) of the Nisga'a Final Agreement must include, at a minimum:	n/a	n/a	n/a
			1. Economic Information, including:	n/a	n/a	n/a
			a. Nisga'a employment.	Nisga'a Nation	Volume 4, Chapter 27, Sections 27.2.4.3, Section 27.2.4.4	n/a
			b. Nisga'a work patterns and income levels.	Nisga'a Nation	Volume 4, Chapter 27, Sections 27.2.4.3, Section 27.2.4.4	n/a
			c. Nisga'a Nation business activities.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.4.5	n/a
			d. natural resource activity and related earnings or values.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.4.6	n/a

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Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
			e. Nisga'a economic activity.	Nisga'a Nation	Volume 3, Chapter 19, Section 19.1, Section 19.3.1, Section 19.3.3, Section 19.4.4, Section 19.5.3 Volume 4, Chapter 27, Section 27.3.6.5, Section 27.3.6.7.2, Section 27.4.2, Section 27.4.5, Section 27.5, Section 27.7 Volume 5, Chapter 29, Section 29.19	n/a
			f. Nisga'a Lisims Government revenues.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.4.7	n/a
			g. Nisga'a Nation economic opportunities and development.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.4.8	n/a
			2. Social Information, including:	n/a	n/a	n/a
			a. migration and population levels.	Nisga'a Nation	Volume 4, Chapter 27, Sections 27.2.3.1 , Section 27.2.3.2	n/a
			b. availability of Nisga'a infrastructure and services.	Nisga'a Nation	Volume 4, Chapter 27, Sections 27.2.3.3, Section 27.2.3.4, Section 27.2.3.5	n/a
			c. occupational and non-occupational accident and health risks.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.3.7	n/a
			d. crime and family and community well-being.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.3.6	n/a
			3. Cultural Information, including:	n/a	n/a	n/a
			a. heritage and cultural resources.	Nisga'a Nation Cultural Setting	Volume 4, Chapter 27, Section 27.2.2.1, Section 27.2.2.2	n/a
			b. cultural activities and practices within Nisga'a villages and elsewhere.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.2.3	n/a
			c. Nisga'a language.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.2.2.4	n/a
			The baseline information described above must be collected in accordance with the Nisga'a Work Plan and the Economic, Social and Cultural Impact Assessment Guidelines dated November 2010, which are both referenced in section 5.1.1 of these EIS Guidelines.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.1.1	n/a

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Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
		6.1.10. Other Environmental Changes Arising as a Result of a Federal Decision or Authorisation	Should there be the potential for a change to the environment arising as a result of a federal decision(s), or on federal lands, lands in another province or lands outside Canada, the EIS will include baseline information on the environmental component likely to be affected (if this information is not already covered in other subsections of these guidelines). For example, if an authorization provided under the Fisheries Act was to result in the flooding of key wildlife habitat, baseline information should be provided on the wildlife species likely to be affected	n/a	n/a	n/a
		6.1.11. Human Environment	In the case where a section 5(2) decision under CEAA 2012 is involved that could result in a change to the environment and affect non-Aboriginal people, the proponent will assess:	n/a	n/a	n/a
			<ul style="list-style-type: none"> the rural and urban settings likely to be affected by the project; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.4 Volume 3, Chapter 20, Section 20.4	Volume 8, Appendix 20-A
			<ul style="list-style-type: none"> any federal lands, lands located outside the province or Canada that may be affected by the project; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.4.4.3, Section 19.4.4.4 Volume 3, Chapter 20, Section 20.4.4.5	Volume 8, Appendix 20-A
			<ul style="list-style-type: none"> the current use of land in the study area, including a description of hunting, recreational and commercial fishing, trapping, gathering, outdoor recreation, use of seasonal cabins, outfitters; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.4.4.3 , Section 19.4.4.4 Volume 3, Chapter 20, Section 20.4.4.5, Section 20.4.4.6	Volume 8, Appendix 20-A
			<ul style="list-style-type: none"> current use of all waterways and water bodies that will be directly affected by the project, including recreational uses, where available; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.4.4.3 Volume 3, Chapter 20, Section 20.4.4.6	Volume 8, Appendix 20-A
			<ul style="list-style-type: none"> location of and proximity of any permanent, seasonal or temporary residences or camps; 	Economic Effects Assessment	Volume 3, Chapter 20, Section 20.4.4.3	Volume 8, Appendix 20-A
			<ul style="list-style-type: none"> health and socio-economic conditions, including the functioning and health of the socio-economic environment, encompassing a broad range of matters that affect communities in the study area in a way that recognizes interrelationships, system functions and vulnerabilities; and 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.4.4.1, Section 19.4.4.2 Volume 3, Chapter 20, Section 20.4.4.1, Section 20.4.4.2, Section 20.4.4.3	Volume 8, Appendix 20-A
			<ul style="list-style-type: none"> physical and cultural heritage, including structures, sites or things of historical, archaeological, paleontological or architectural significance. 	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.4	n/a

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Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
	6.2. Predicted Changes to the Physical Environment		The assessment will include a consideration of the predicted changes to the environment as a result of the project being carried out or as a result of any powers duties or functions that are to be exercised by the federal government in relation to the project. These predicted changes to the environment are to be considered in relation to each phase of the project (construction, operation, decommissioning, and abandonment) and are to be described in terms of the geographic extent of the changes, the duration and frequency of change, and whether the environmental changes are reversible or irreversible.	All	Volume 3, Chapter 7 to 21, Section X.5, Section X.7 Volume 3, Chapter 18, Section 18.6.6.	n/a
	6.2.1. Changes to the Atmospheric Environment		<ul style="list-style-type: none"> • Changes in air quality; • Change in greenhouse gas emission levels measured as kilotonnes of CO2 equivalent per year and • Changes in ambient noise levels. 	Air Quality Effects Assessment	Volume 3, Chapter 7, Section 7.5.3	n/a
				Air Quality Modelling Report	n/a	Volume 8, Appendix 7-A, Section 3
				Noise Effects Assessment	Volume 3, Chapter 8, Section 8.5.3	n/a
	6.2.2. Changes to Groundwater and Surface Water		<ul style="list-style-type: none"> • Changes to turbidity, oxygen level, water temperature, ice regime, water quality; • Changes to the hydrological and hydrometric conditions; • Changes to water quality resulting from the use of process chemicals, treatment reagents and/or blasting materials; • Changes to groundwater recharge/discharge areas and any changes to groundwater infiltration areas; and • Changes to water quality attributed to acid rock drainage and metal leaching associated with the storage of waste rock, ore, low grade ore, tailings, overburden and potential construction material, including: • short term metal leaching properties; 	Surface Water Quality Effects Assessment	Volume 3, Chapter 13, Section 13.5.2, Section 13.5.3	Volume 8, Appendix 14-C
				Hydrology Effects Assessment	Volume 3, Chapter 12, Section 12.7, Section 12.7.3	Volume 8, Appendix 14-C
				Groundwater Quality Effects Assessment Surface Water Quality Effects Assessment	Volume 3, Chapter 11, Section 11.5.3.1 Volume 3, Chapter 13, Section 13.5.3.1, Section 13.5.3.2, Section 13.5.3.3	Volume 8, Appendix 14-C
				Hydrogeology	Volume 3, Chapter 10, Section 10.5.2	Volume 7, Appendix 10-A Volume 7, Appendix 10-B
				Groundwater Quality Effects Assessment Surface Water Quality Effects Assessment	Volume 3, Chapter 11, Section 11.5.2, Section 11.5.3, Section 11.5.3.1, Section 11.7.3, Section 11.10 Volume 3, Chapter 13, Section 13.5.2, Section 13.5.3, Section 13.5.3.1, Section 13.7.3, Section 13.10	Volume 8, Appendix 14-C (Appendix D).
				Project Overview and Management Plans	Volume 2, Chapter 1, Section 1.2.3; Volume 5, Chapter 29, Section 29.15	Volume 7, Appendix 1-B Volume 7, Appendix 1-K

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Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
			<ul style="list-style-type: none"> longer term rates of acid generation (if any) and metal leaching; 	Project Overview and Management Plans	Volume 2, Chapter 1.2.3; Volume 5, Chapter 29, Section 29.15	Volume 7, Appendix 1-B Volume 7, Appendix 1-K
			<ul style="list-style-type: none"> estimates of the potential for mined materials (including waste rock, tailings and low grade ore) to be sources of acid rock drainage or metal leaching; 	Project Overview and Management Plans	Volume 2, Chapter 1, Section 1.2.3.2.1; Volume 5, Chapter 29, Section 29.15	Volume 7, Appendix 1-B Volume 7, Appendix 1-K
			<ul style="list-style-type: none"> estimates of potential time to the onset of acid rock drainage or metal leaching; 	Project Overview and Management Plans	Volume 2, Chapter 1, Section 1.2.3.2.1; Volume 5, Chapter 29, Section 29.16	Volume 7, Appendix 1-B Volume 7, Appendix 1-K
			<ul style="list-style-type: none"> quantity and quality of leachate from samples of tailings, waste rock, and ore; 	Project Overview and Management Plans	Volume 2, Chapter 1, Section 1.2.3.1; Volume 5, Chapter 29, Section 29.17	Volume 7, Appendix 1-B Volume 7, Appendix 1-K
			<ul style="list-style-type: none"> quantity and quality of effluent to be released from the site into the receiving waters; 	Groundwater Quality Effects Assessment	Volume 3, Chapter 11, Section 11.5.3.3, Section 11.6.1, Section 11.6.3,	Volume 8, Appendix 14-C
			<ul style="list-style-type: none"> quality of humidity cell or column test liquid from acid rock testing; 	n/a	n/a	Volume 7, Appendix 1-B
			<ul style="list-style-type: none"> sensitivity analysis to assess the effects of imperfect segregation of waste rock; 	n/a	n/a	n/a
			<ul style="list-style-type: none"> underground water chemistry during operation and post-closure, and underground closure management measures (e.g. flooding). This will include geochemical modelling of underground water quality in the post-closure period; and 	Groundwater Quality Effects Assessment Surface Water Quality Effects Assessment	Volume 3, Chapter 11, Section 11.5.3.3, Section 11.6.1, Section 11.6.3, Volume 3, Chapter 13, Section 13.5.3.2	Volume 8, Appendix 14-C (Appendix D).
			<ul style="list-style-type: none"> surface and seepage water quality from the waste rock dumps, tailings/waste rock impoundment facility, stockpiles and other infrastructure during operation and post-closure. 	n/a	n/a	Volume 8, Appendix 14-C (Appendix D).
		6.2.3. Changes to Terrestrial Landscape	<ul style="list-style-type: none"> Overall description of changes related to landscape disturbance; 	Landforms and Natural Landscapes	Volume 3, Chapter 9, Section 9.5, Section 9.7, Section 9.8, Section 9.10	Volume 8, Appendix 9-A, Appendix 9-B, Appendix 9-C
			<ul style="list-style-type: none"> Changes to migratory bird habitat, including losses, structural changes, fragmentation of habitat and wetlands (cover types, ecological land unit in terms of quality, quantity, diversity, distribution and functions) used by migratory birds; 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.7.9.1, Section 16.7.9.2, Section 16.7.10, Section 16.7.14, Section 16.8.3.7, Section 16.8.3.8, Section 16.8.3.12, Section 16.8.4.7, Section 16.8.4.8, Section 16.8.4.11	Volume 8, Appendix 16-A

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Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
			<ul style="list-style-type: none"> • Changes to critical habitat for federally listed species at risk; and 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.2.1, Section 16.5.2, Section 16.6.3, Section 16.7.4.1, Section 16.7.6.1.2, Section 16.7.8, Section 16.7.10, Section 16.7.11, Section 16.7.13, Section 16.7.14, Section 16.8.3.2, Section 16.8.3.4, Section 16.8.3.6, Section 16.8.3.8, Section 16.8.3.9, Section 16.8.3.12, Section 16.8.3.4, Section 16.8.4.4.1, Section 16.8.4.6, Section 16.8.4.8, Section 16.8.4.9, 16.8.4.11	Volume 8, Appendix 16-A
			<ul style="list-style-type: none"> • Changes to key habitat for species important to Aboriginal current use of resources. 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.5, Section 16.6.3, Section 16.7, Section 16.8 Volume 4, Chapter 27, Section 27.4.4	Volume 8, Appendix 16-A
	6.3. Predicted Effects on Valued Components	6.3.1. Fish and Fish Habitat	Based on the predicted changes to the environment identified in section 6.2, the proponent is to assess the environmental effects of the project on the followings VCs:	n/a	n/a	n/a
			<ul style="list-style-type: none"> • the identification of any potential adverse effects to fish and fish habitat as defined in Subsection 2(1) of the Fisheries Act. The assessment will include a consideration of: 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3	n/a
			<ul style="list-style-type: none"> • the geomorphological changes and their effects on hydrodynamic conditions and fish habitats (e.g. modification of substrates, sediment loading, flow and fish passage, dynamic imbalance, silting of spawning beds); 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3, Section 18.5.3.5, Section 18.5.3.6	n/a
			<ul style="list-style-type: none"> • the modifications of hydrological and hydrometric conditions on fish habitat and on the fish species' life cycle activities (e.g. reproduction, fry-rearing, movements); 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3, Section 18.5.3.6, Section 18.6.6.3	n/a
			<ul style="list-style-type: none"> • potential impacts on riparian areas that could affect aquatic biological resources and productivity taking into account any anticipated modifications to fish habitat; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3.1.	n/a
			<ul style="list-style-type: none"> • any potential imbalances in the food web in relation to baseline; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3.3, Section 18.5.3.4.3	n/a
			<ul style="list-style-type: none"> • the effects of changes to the aquatic environment on fish and their habitat, including; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3	n/a

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Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
			<ul style="list-style-type: none"> • anticipated changes in the composition and characteristics of the populations of various fish species, included shellfish and forage fish; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3	n/a
			<ul style="list-style-type: none"> • any modifications in migration or local movements (upstream and downstream migration, and lateral movements) following the construction and operation of works (physical and hydraulic barriers); 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3.1	n/a
			<ul style="list-style-type: none"> • water quality; 	Surface Water Quality Effects Assessment	Volume 3, Chapter 18, Section 18.5.3.4	n/a
			<ul style="list-style-type: none"> • any reduction in fish populations as a result of potential overfishing due to increased access to the project area; and 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3.2	n/a
			<ul style="list-style-type: none"> • any modifications and use of habitats by federally or provincially listed fish species. 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3	n/a
			<ul style="list-style-type: none"> • a discussion of how project construction timing correlates to key fisheries windows for freshwater and anadromous species, and any potential impacts resulting from overlapping periods; and 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.6.1.5	n/a
			<ul style="list-style-type: none"> • a discussion of how vibration caused by blasting may affect fish behaviour, such as spawning or migrations. 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.5.3.7, Section 18.6.1.7	n/a
		6.3.2. Migratory Birds	<ul style="list-style-type: none"> • mortality to migratory birds such as those that could be caused by clearing of sites or birds and nests being in contact with contaminated waters (e.g. tailing impoundment area); 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.7.9, Section 16.7.10	Volume 8, Appendix 16-B
			<ul style="list-style-type: none"> • collision risk of migratory birds with any project infrastructures; and 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.7.9, Section 16.7.10	Volume 8, Appendix 16-B
			<ul style="list-style-type: none"> • indirect effects caused by increased disturbance (e.g. noise, light, presence of workers), relative abundance movements and changes in migratory bird habitat. 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.7.9, Section 16.7.10	Volume 8, Appendix 16-B
		6.3.3. Species at Risk	<ul style="list-style-type: none"> • the potential effects of the project on federally listed species at risk (e.g. Marbled Murrelet, Northern Myotis, Little Brown Myotis and Western Toad) and those species listed by the Committee on the Status of Endangered Wildlife in Canada classified as extirpated, endangered, threatened or of special concern (flora and fauna) and their critical habitat. 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.4.4 to 16.4.6, Section 16.7.3 to Section 16.7.13	Volume 8, Appendix 16-B

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Part	Section	Sub-section		Application Chapter Title	Application Volume, Chapter, Section	Relevant Appendix
		6.3.4. Aboriginal Peoples	With respect to Aboriginal peoples, a description and analysis of how changes to the environment caused by the project will affect the current uses of land and resources for traditional purposes, including, but not limited to:	n/a	n/a	n/a
			<ul style="list-style-type: none"> any effects of changes to resources (e.g. fish, wildlife, birds, plants or other natural resources) used for traditional uses (e.g. hunting, fishing, trapping, collection of medicinal plants, use of sacred sites); 	Current Use of Lands and Resources for Traditional Purposes	Volume 3, Chapter 20, Section 20.1.6	n/a
			<ul style="list-style-type: none"> any effects of alterations to access to the areas used for traditional uses, including development of new roads, and deactivation or reclamation of access roads; 	Current Use of Lands and Resources for Traditional Purposes	Volume 3, Chapter 20, Section 20.10.6.2 and Section 20.10.6.3	n/a
			<ul style="list-style-type: none"> any effects on cultural value or importance associated with traditional uses or areas affected by the project (e.g. inter-generational teaching of language or traditional practices, communal gatherings); 	Current Use of Lands and Resources for Traditional Purposes	Volume 3, Chapter 20, Section 20.10.6.2 and Section 20.10.6.3	n/a
			<ul style="list-style-type: none"> how project construction timing correlates to the timing of traditional practices, such as seasonal rounds, and any potential impacts resulting from overlapping periods; 	Social Effects Assessment - Current Use of Lands and Resources for Traditional Purposes	Volume 3, Chapter 20, Section 20.10.4.2, Section 20.10.5, Section 20.10.6	n/a
			<ul style="list-style-type: none"> the regional value of traditional use of the project area and the anticipated effects to traditional practice of the Aboriginal group, including alienation of lands from Aboriginal traditional use; 	Current Use of Lands and Resources for Traditional Purposes	Volume 3, Chapter 20, Section 20.1.6	n/a
			<ul style="list-style-type: none"> indirect effects such as avoidance of the area by Aboriginal peoples due to increased disturbance (e.g. noise, presence of workers); and 	Current Use of Lands and Resources for Traditional Purposes	Volume 3, Chapter 20, Section 20.1.6	n/a
			<ul style="list-style-type: none"> an assessment of the potential to return affected areas to pre-disturbance conditions to support traditional practices. 	Social Effects Assessment - Current Use of Lands and Resources for Traditional Purposes	Volume 3, Chapter 20, Section 20.10.7.1	n/a

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			<ul style="list-style-type: none"> human health, considering, but not limited to potential changes in air quality, quality and availability of country foods, drinking water quality, and noise exposure. When risks to human health due to changes in one or more of these components are predicted, a complete Human Health Risk Assessment (HHRA) examining all exposure pathways for pollutants of concern may be necessary to adequately characterize potential risks to human health; 	Health Effects Assessment Tsetsaut Skii km Lax Ha Métis Nation BC	Volume 4, Chapter 25, Section 25.5.3.7; Volume 4, Chapter 26, Section 26.5.3.6; Volume 3, Chapter 22	n/a
			<ul style="list-style-type: none"> socio-economic conditions, including but not limited to; 	n/a	n/a	n/a
			<ul style="list-style-type: none"> the use of navigable waters; 	Tsetsaut Skii km Lax Ha Metis Nation BC	Volume 4, Chapter 25, Section 25.5.3.6.1 Volume 4, Chapter 26, Section 26.5.3.5.1	n/a
			<ul style="list-style-type: none"> forestry and logging operations; 	Tsetsaut Skii km Lax Ha Metis Nation BC	Volume 4, Chapter 25, Section 25.5.3.6.2 Volume 4, Chapter 26, Section 26.5.3.5.2	n/a
			<ul style="list-style-type: none"> commercial fishing, hunting, trapping, and gathering activities; 	Tsetsaut Skii km Lax Ha Metis Nation BC	Volume 4, Chapter 25, Section 25.5.3.6.3 Volume 4, Part C, Chapter 26, Section 26.5.3.5.3	n/a
			<ul style="list-style-type: none"> commercial outfitters; and 	Tsetsaut Skii km Lax Ha Metis Nation BC	Volume 4, Chapter 25, Section 25.5.3.6.4 Volume 4, Chapter 26, Section 26.5.3.5.4	n/a
			<ul style="list-style-type: none"> recreational use. 	Tsetsaut Skii km Lax Ha Metis Nation BC	Volume 4, Chapter 25, Section, Section 25.5.3.6.5 Volume 4, Chapter 26, Section 26.5.3.5.5	n/a
			Physical and cultural heritage, and structure, site or thing of historical, archaeological, paleontological or architectural significance to Aboriginal groups, including, but not limited to:	n/a	n/a	n/a
			<ul style="list-style-type: none"> the loss or destruction of physical and cultural heritage; 	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.5.3.1	n/a
			<ul style="list-style-type: none"> changes to access to physical and cultural heritage; and 	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.5.3.2	n/a

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			<ul style="list-style-type: none"> changes to the cultural value or importance associated with physical and cultural heritage. 	Heritage Effects Assessment	Volume 3, Part B, Chapter 21, Section 21.5.3.3	n/a
		6.3.5. Nisga'a Nation	The Project must be assessed for:	n/a	n/a	n/a
			1. Whether the Project can reasonably be expected to have adverse environmental effects on residents of Nisga'a Lands, Nisga'a Lands, or Nisga'a interests as set out in the Nisga'a Final Agreement, (paragraph 8(e) of Chapter 10) and	Nisga'a Nation	Volume 4, Chapter 27, Section 27.4	Appendix 27-A, Section 2.9
			2. Effects of the Project on the existing and future economic, social and cultural well-being of Nisga'a citizens who may be affected by the Project (paragraph 8(f) of Chapter 10).	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5	Appendix 27-A, Section 2.9
			Assessment pursuant to paragraph 8(e) of the Nisga'a Final Agreement, the proponent must include assessments of ecological effects and health effects as described below. In conducting an environmental assessment under paragraph 8(e), including the selection of Valued Components and Indicators, the assessment must, at a minimum, consider:	Nisga'a Nation	Volume 4, Chapter 27, Section 27.4	Appendix 27-A, Section 2.9
			1. Ecological Effects – The extent that a given component of the ecosystem could be altered by the Project so as to cause an adverse effect on that component of the ecosystem.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.4, Section 27.4.3.7.1, Section 27.4.4.7.1, Section 27.4.5.7.1, Section 24.4.6.7.1	Appendix 27-A, Section 2.9
			2. Treaty Right to Use – The extent that a given component of the ecosystem which is currently used or could be used in the future by Nisga'a citizens (regardless of actual levels of past or current use) could be altered by the Project so as to cause an adverse effect on the use of that component of the ecosystem by Nisga'a citizens (or Nisga'a entity).	Nisga'a Nation	Volume 4, Chapter 27, Section 27.4, Section 27.4.3.7.2, Section 27.4.4.7.2, Section 27.4.5.7.2, Section 24.4.6.7.2	n/a

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			3. Human Health – The extent that a given component of the ecosystem could be altered by the Project so as to cause an adverse effect to the health of Nisga’a citizens and other residents of Nisga’a Lands who use that component of the ecosystem.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.4, Section 27.4.3.7.3, Section 27.4.4.7.3, Section 27.4.5.7.3, Section 24.4.6.7.3	n/a
			Environmental assessments under paragraph 8(e) of the Nisga’a Final Agreement, must include those effects that could manifest via direct connections between the natural resource and the Project (e.g., impacts to Nisga’a citizens from the loss of mushroom habitat via land clearing) as well as by pathways with one or more intermediary steps (e.g., impacts to Nisga’a citizens from reduced predator population via reduced prey population via changes in habitat caused by introduced species that were promoted by poor land-clearing practices).	Nisga'a Nation	Volume 4, Chapter 27, Section 27.4	n/a
			In conducting an environmental assessment under paragraph 8(f) of the Nisga’a Final Agreement, including the selection of VCs and Indicators, proponents must, at a minimum, consider:	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5	Appendix 27-A, Section 2.9
			1. Economic Effects	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.9
			a. Assessment of effects on Nisga’a employment.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.8, Section 2.9
			b. Assessment of effects on Nisga’a work patterns and income levels.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.8, Section 2.9
			c. Assessment of effects on Nisga’a Nation business activities.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.9
			d. Assessment of effects on natural resource activity and related earnings or values.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.9
			e. Assessment of effects on Nisga’a economic activity.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.9
			f. Assessment of effects on Nisga’a Lisims Government revenues.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.9
			g. Assessment of effects on future Nisga’a Nation economic opportunities and development.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.3 and Section 27.5.4	Appendix 27-A, Section 2.9
			2. Social Effects	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
			a. Assessment of migration and population effects.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9

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			b. Assessment of cost/availability and quality impacts on Nisga'a infrastructure and services.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
			c. Assessment of occupational and non-occupational accident and health risks.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
			d. Assessment of impacts on crime and family and community well-being.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
			3. Cultural Effects	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
			a. Assessment of impacts to heritage and cultural resources.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
			b. Assessment of impacts to cultural activities and practices within Nisga'a villages and elsewhere.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
			c. Assessment of impacts to Nisga'a language.	Nisga'a Nation	Volume 4, Chapter 27, Section 27.5.4	Appendix 27-A, Section 2.9
		6.3.6. Other Valued Components that may be Affected as a Result of a Federal Decision or Authorisation	If there is the potential for a change to the environment arising as a result of a federal decision(s), for example an authorisation under section 35 of the Fisheries Act, the EIS should include a description of the specific project components for which a federal authorisation/decision is required, and an assessment of any other valued components (not already covered in other subsections of these guidelines) that may be affected by the changes to the environment caused by these specific project components. If there is the potential for the project to result in environmental changes on federal lands, another province, or another country, then valued components of importance not already identified should be included. For example, if the project will result in the generation of greenhouse gas emissions, the EIS should include a description of the project's greenhouse gas emissions in a regional, provincial, national or international context if applicable. Suggested VCs are noted below for this project.	n/a	n/a	n/a
			For non-Aboriginal people:	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.5.3 Volume 3, Chapter 20, Section 20.5.3	

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			<ul style="list-style-type: none"> • rural and urban settings likely to be affected; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.5.3.1, Section 19.5.3.2 Volume 3, Chapter 20, Section 20.5.3.1, Section 20.5.3.2, Section 20.5.3.3, Section 20.5.3.4, Section 20.5.3.5, Section 20.5.3.6	Volume 7, Appendix 1-C
			<ul style="list-style-type: none"> • effects on hunting, recreational and commercial fishing, trapping, gathering, outdoor recreation, use of seasonal cabins, outfitters; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.5.3.3, Section 19.5.3.4 Volume 3, Chapter 20, Section 20.5.3.7, Section 20.5.3.8	
			<ul style="list-style-type: none"> • changes to the use of waterways and water bodies; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.5.3.4 Volume 3, Chapter 20, Section 20.5.3.8.3, Section 20.5.3.8.4	n/a
			<ul style="list-style-type: none"> • location of and proximity of any permanent, seasonal, or temporary residences or camps; 	Economic Effects Assessment Social Effects Assessments	Volume 3, Chapter 19, Section 19.5.3.1 Volume 3, Chapter 20, Section 20.5.3.2, Section 20.5.3.3, 20.5.3.4, Section 20.5.3.5	n/a
			<ul style="list-style-type: none"> • effects on the health and socio-economic conditions, including the functioning and health of the socio-economic environment, encompassing a broad range of matters that affect communities in the study area in a way that recognises interrelationships, system functions and vulnerabilities; and 	Economic Effects Assessment; Social Effects Assessments	Volume 3, Chapter 19, Section 19.5.3.1 , Section 19.5.3.2 Volume 3, Chapter 20, Section 20.5.3.1, Section 20.5.3.2, Section 20.5.3.3, Section 20.5.3.4, Section 20.5.3.5, Section 20.5.3.6	Volume 7, Appendix 1-C
			<ul style="list-style-type: none"> • effects on physical and cultural heritage, including structures, sites, or things of historical, archaeological, paleontological, or architectural significance. 	Heritage Effects Assessment	Volume 3, Chapter 21, Section 21.5.2, Section 21.5.3, Section 21.7	Volume 8, Appendix 21-A.
		6.3.7. Effects Outside of Canada	The identification of any potential effects on areas outside of Canada including:	n/a	n/a	n/a
			<ul style="list-style-type: none"> • water quality and quantity; 	n/a	n/a	n/a
			<ul style="list-style-type: none"> • air quality; and 	n/a	n/a	n/a
			<ul style="list-style-type: none"> • organic, inorganic and living organisms. 	n/a	n/a	n/a

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	6.4. Mitigation		Every EA conducted under CEAA 2012 will consider measures that are technically and economically feasible and that would mitigate any significant adverse environmental effects of the project. Each measure will be specific, achievable, measurable and verifiable, and described in a manner that avoids ambiguity in intent, interpretation and implementation. Mitigation measures may be considered for inclusion as conditions in the EA decision statement and/or in other compliance and enforcement mechanisms provided by other authorities' permitting or licensing processes.	All Management Plans	Volume 3, Chapter 7 to 22, Section X.6 Volume 5, Chapter 29, Section 29.3 to 29.26	
			The EIS will describe the standard mitigation practices, policies and commitments that constitute technically and economically feasible mitigation measures and that will be applied as part of standard practice regardless of location (including the measures directed at promoting beneficial or mitigating adverse socio-economic effects).	All Management Plans	Volume 3, Chapter 7 to 22, Section X.6 Volume 5, Chapter 29	
			The EIS will then describe the project's environmental protection plan and its environmental management system, through which the proponent will deliver this plan. The plan will provide an overall perspective on how potentially adverse effects would be minimized and managed over time. The EIS will further discuss the mechanisms the proponent would use to require its contractors and sub-contractors to comply with these commitments and policies and with auditing and enforcement programs.	Management Plans	Volume 5, Chapter 29, Section 29.1, Section 29.1.3, Section 29.2	
			The management/monitoring plans will include:	n/a	n/a	n/a
			• Access Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.3	n/a
			• Adaptive Management Plan (including requirements for annual reviews and updates to all management plans as necessary, based on monitoring results);	Management Plans	Volume 5, Chapter 29, Section 29.2	n/a
			• Air Quality and Dust Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.4	n/a

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			• Aquatic Effects Management and Response Plan (including Aquatic Effects Monitoring Program (AEMP), Surveillance Network Program, Effluent Monitoring Program, and Groundwater Monitoring Program);	Management Plans	Volume 5, Chapter 29, Section 29.5, Section 29.5.5, Section 29.25.5.5.3, Section 29.25.5.5.4.1, Section 29.18.7	n/a
			• Community Involvement Plan;	Management Plans	Volume 5, Chapter 29, Section 29.6	n/a
			• Cultural and Heritage Resources Protection Plan;	Management Plans	Volume 5, Chapter 29, Section 29.7	n/a
			• Emergency Response Plan;	Management Plans	Volume 5, Chapter 29, Section 29.8	n/a
			• Environmental Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.1	n/a
			• Erosion and Sediment Control Plan (including available site-specific control measures);	Management Plans	Volume 5, Chapter 29, Section 29.9, Section 29.9.6, Section 29.9.6.1 to Section 29.9.6.12	n/a
			• Explosives Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.10	n/a
			• Fuel Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.11	n/a
			• Groundwater Monitoring Plan;	Management Plans	Volume 5, Chapter 29, Section 29.18	n/a
			• Hazardous Materials Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.12	n/a
			• Health and Social Services Plan;	Management Plans	Volume 5, Chapter 29, Section 29.13	n/a
			• Human Resources Plan;	Management Plans	Volume 5, Chapter 29, Section 29.14, Section 29.19, Section 29.1.2.3	n/a
			• ML/ARD Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.15	n/a
			• Noise Abatement Plan;	Management Plans	Volume 5, Chapter 29, Section 29.16	n/a
			• Occupational Health and Safety Plan;	Management Plans	Volume 5, Chapter 29, Section 29.17	n/a
			• Ore Storage Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.15	n/a
			• Skills, Training and Employment Plan;	Management Plans	Volume 5, Chapter 29, Section 29.19	n/a
			• Spill Prevention and Response Plan;	Management Plans	Volume 5, Chapter 29, Section 29.21	n/a
			• Tailings Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.22	n/a
			• Terrain and Soil Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.23	n/a
			• Traffic Control Plan;	Management Plans	Volume 5, Chapter 29, Section 29.3	n/a
			• Vegetation and Ecosystems Management Plan (including invasive plant management);	Management Plans	Volume 5, Chapter 29, Section 29.24, Section 29.24.5.3	n/a
			• Social and Economic Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.20	n/a
			• Surface and Groundwater Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.18	n/a
			• Waste Management Plan;	Management Plans	Volume 5, Chapter 29, Section 29.25	n/a
			• Waste Rock Management Plan; and	Management Plans	Volume 5, Chapter 29, Section 29.15	n/a
			• Wildlife Management and Monitoring Plan.	Management Plans	Volume 5, Chapter 29, Section 29.26	n/a

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			The EIS will then describe mitigation measures that are specific to each environmental effect identified. Measures will be written as specific commitments and with an adequate level of specificity that clearly describe how the proponent intends to implement them and the environmental outcome the mitigation is designed to address. Where mitigation measures have been identified in relation to species and/or critical habitat listed under the Species at Risk Act, the mitigation measures will be consistent with any applicable recovery strategy and action plans (e.g. for Marbled Murrelet, Northern Myotis, Little Brown Myotis and Western Toad).	All Management Plans	Volume 3, Chapter 7 to 22, Section X.6 Volume 5, Chapter 29	n/a
			The EIS will specify the actions, works, minimal disturbance footprint techniques, best available technology, corrective measures or additions planned during the project's various phases to eliminate or reduce the significance of adverse effects. The impact statement will also present an assessment of the effectiveness of the proposed technically and economically feasible mitigation measures. If there is uncertainty to whether a mitigation measure would be required either due to uncertainty in the effects assessment or uncertainty in the effectiveness of other mitigation measures, the EIS must specify the threshold or criteria that would trigger implementation of the mitigation measure.	All Management Plans	Volume 3, Chapter 7 to 22, Section X.6, Section X.9 Volume 5, Chapter 29	n/a
			The EIS will indicate what other technically and economically feasible mitigation measures were considered, and explain why they were rejected. Trade-offs between cost savings and effectiveness of the various forms of mitigation will be justified. The EIS will identify who is responsible for the implementation of these measures and the system of accountability.	Management Plans	Volume 5, Chapter 29	n/a

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			Where mitigation measures are proposed to be implemented for which there is little experience or for which there is some question as to their effectiveness, the potential risks and effects to the environment should those measures not be effective will be clearly and concisely described. In addition, the EIS will identify the extent to which technology innovations will help mitigate environmental effects. Where possible, it will provide detailed information on the nature of these measures, their implementation, management and the requirements of the follow-up program.	All Management Plans	Volume 3, Chapter 7 to 22, Section X.6, Section X.7, Section X.9 Volume 5, Chapter 29	n/a
			Adaptive management is not considered as a mitigation measure, but if the follow-up program (refer to section 9) indicates that corrective action is required; the proposed approach for managing the action should be identified.	All	Volume 5, Chapter 30, Section 30.5	n/a
	6.5.	Significance of Residual Effects	After having established the technically and economically feasible mitigation measures, the EIS will present any residual environmental effects of the project on the VCs identified in section 6.3. The residual effects, even if very small or deemed insignificant will be described.	All	Volume 3, Chapter 7 to 22, Section X.7, X.7.1	n/a
			The EIS will then provide an analysis of the significance of the residual environmental effects that are considered adverse, using guidance described in section 4 of the Agency's reference guide Determining Whether a Project is Likely to Cause Significant Adverse Environmental Effects .	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.7	n/a
			The EIS will identify the criteria used to assign significance ratings to any predicted adverse effects. It will contain clear and sufficient information to enable the Agency, technical and regulatory agencies, Aboriginal groups and the public to review the proponent's analysis of the significance of effects. The EIS will document the terms used to describe the level of significance.	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.7	n/a
			The following criteria will be used in determining the significance of residual effects:	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a

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			<ul style="list-style-type: none"> • magnitude; 	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<ul style="list-style-type: none"> • geographic extent; 	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<ul style="list-style-type: none"> • duration; 	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<ul style="list-style-type: none"> • frequency; 	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<ul style="list-style-type: none"> • reversibility; 	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<ul style="list-style-type: none"> • ecological and social context; and 	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<ul style="list-style-type: none"> • existence of environmental standards, guidelines or objectives for assessing the impact. 	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<p>These criteria will be described and the range of possible values for each will be presented and defined. In assessing significance against these criteria the proponent will, where possible, use relevant existing regulatory documents, environmental standards, guidelines, or objectives such as prescribed maximum levels of emissions or discharges of specific hazardous agents into the environment. The EIS will contain a section that explains the assumptions, definitions and limits to the criteria mentioned above in order to maintain consistency among the effects on each VC.</p>	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.	n/a
			<p>Where significant adverse effects are identified, the EIS will set out the probability (likelihood) that they will occur, and describe the degree of scientific uncertainty related to the data and methods used within the framework of the environmental analysis.</p>	All	Volume 3, Chapters 12 to 17, 19-22, Section X.7 Volume 3, Chapter 18, Section 18.6.7	n/a

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	6.6. Other Effects to Consider	6.6.1. Effects of Potential Accidents or Malfunctions	The failure of certain works caused by human error or exceptional natural events (e.g. flooding, earthquake) could cause major effects. The proponent will therefore conduct an analysis of the risk of each accident or malfunction, determine their effects and present preliminary emergency measures. At a minimum, the following potential accidents and malfunctions will be considered:	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.3, Section 23.4, Section 23.5	n/a
			<ul style="list-style-type: none"> • failure of the tailings management facility; 	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.4.1.1	Volume 8, Appendix 23-A
			<ul style="list-style-type: none"> • failure of waste rock storage; 	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.4.1.5	n/a
			<ul style="list-style-type: none"> • spills and releases of hazardous materials; and 	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.4.1.2, Section 23.4.1.3, Section 23.4.2.1	n/a
			<ul style="list-style-type: none"> • fires and explosions. 	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.4.1.4, Section 23.4.2.6	n/a
			Taking into account the lifespan of different project components, the proponent will identify the probability of potential accidents and malfunctions related to the project, including an explanation of how those events were identified, potential consequences (including the environmental effects as defined in section 5 of CEEA 2012), the plausible worst case scenarios and the effects of these scenarios.	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.4, Section 23.4.1, Section 23.4.2	n/a
			This assessment will include an identification of the magnitude of an accident and/or malfunction, including the geographic scope, quantity, mechanism, rate, form and characteristics of the contaminants and other materials likely to be released into the environment during the accident and malfunction events and would potentially result in an adverse environmental effect as defined in section 5 of CEEA 2012. The potential effects to Nisga'a interests will also be described.	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.4, Section 23.4.1, Section 23.4.2	n/a
The EIS will describe the safeguards that have been established to protect against such occurrences and the contingency and emergency response procedures in place if such events do occur including a Tailings Dam Failure Analysis.	Accidents and Malfunctions	Volume 3, Chapter 23, Section 23.3, Section 23.4	Volume 8, Appendix 23-A			

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		6.6.2. Effects of the Environment on the Project	The EIS will take into account how local conditions and natural hazards, such as severe and/or extreme weather conditions and external events (e.g. flooding, drought, ice jams, landslides, avalanches, erosion, subsidence, fire, outflow conditions and seismic events) could adversely affect the project and how this in turn could result in impacts to the environment (e.g. extreme environmental conditions result in malfunctions and accidental events). These events will be considered in different probability patterns (i.e. 5-year flood vs. 100-year flood). Longer-term effects of climate change will also be discussed up to the projected post-closure phase of the project. This discussion will include a description of climate data used.	Effects of the Environment on the Project	Volume 3, Chapter 24, Sections 24.1 to 24.11 Volume 3, Chapter 23, Section 23.4.1, Section 23.4.2	n/a
			The EIS will provide details of planning, design and construction strategies intended to minimize the potential environmental effects of the environment on the project.	Effects of the Environment on the Project	Volume 3, Chapter 24, Section 24.5.1.2, Section 24.6.4, Section 24.7.2, Section 24.8.3.2, Section 24.9.5, Section 24.10.2, Section 21.11.3, Volume 5, Chapter 29, Section 29.1 to 29.26	n/a
		6.6.3. Cumulative Effects Assessment	The proponent will identify and assess the project's cumulative effects using the approach described in the Agency's Operational Policy Statement entitled Assessing Cumulative Environmental Effects under the Canadian Environmental Assessment Act, 2012 and the guide entitled Cumulative Effects Assessment Practitioners' Guide, 1999.	All	Volume 3, Chapter 7 to Chapter 17, Chapter 19 to Chapter 22, Section x.8 Volume 3, Chapter 18, Section 18.7	
			Cumulative effects are defined as changes to the environment due to the project combined with the existence of other past, present and reasonably foreseeable physical activities.	n/a	n/a	n/a
			Cumulative effects may result if:	n/a	n/a	n/a

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			<ul style="list-style-type: none"> • implementation of the project being studied may cause direct residual adverse effects on the VCs, taking into account the application of technically and economically feasible mitigation measures; and 	n/a	n/a	n/a
			<ul style="list-style-type: none"> • the same VCs may be affected by other past, present or reasonably foreseeable physical activities. 	n/a	n/a	n/a
			VCs that would not be affected by the project or would be affected positively by the project can, therefore, be omitted from the cumulative effects assessment. A cumulative effect on an environmental component may, however, be important even if the assessment of the project's effects on this component reveals that the effects of the project are minor.	n/a	n/a	n/a
			In its EIS, the proponent will:	n/a	n/a	n/a
			<ul style="list-style-type: none"> • Identify and provide a rationale for the VCs that will constitute the focus of the cumulative effects assessment, emphasizing this assessment on the VCs most likely to be affected by the project and other project and activities. To this end, the proponent must consider, without limiting itself thereto, the following components likely to be affected by the project: 	All	Volume 3, Chapter 7 to 22, Section X.3, Section X.3.3 Volume 3, Chapter 7-17, 19-22 , Section X.8 Volume 3, Chapter 18, Section 18.7	n/a
			<ul style="list-style-type: none"> • fish and fish habitat, including salmonids and other valued fish species; 	Fish and Fish Habitat Effects Assessment	Volume 3, Chapter 18, Section 18.7	n/a
			<ul style="list-style-type: none"> • migratory birds; and 	Wildlife and Wildlife Habitat Effects Assessment	Volume 3, Chapter 16, Section 16.8.4.7, Section 16.8.4.8	Volume 8, Appendix 16-B
			<ul style="list-style-type: none"> • Aboriginal peoples. 	Social Effects Assessment	Volume 3, Chapter 20, Section, 20.8, Section 20.10.9	n/a
			<ul style="list-style-type: none"> • Identify and justify the spatial and temporal boundaries for the cumulative effect assessment for each VC selected. The boundaries for the cumulative effects assessments will generally be different for each VC considered. These cumulative effects boundaries will also generally be larger than the boundaries for the corresponding project effects; 	All	Volume 3, Chapter 7 to 17, 19 to 22, Section X.3.4, Section X.8.2 Volume 3, Chapter 18, Section 18.3.4, Section 18.7.2	n/a

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			<ul style="list-style-type: none"> Identify the sources of potential cumulative effects. Specify other projects or activities that have been or that are likely to be carried out that could cause effects on each selected VC within the boundaries defined, and whose effects would act in combination with the residual effects of the project. This assessment may consider the results of any relevant study conducted by a committee established under section 73 or 74 of CEAA 2012; 	All	Volume 3, Chapter 7 to 21, Section X.8, Section X.8.1 to X.8.3 Volume 3, Chapter 13, Section 13.8, Section 13.8.4 to 13.8.6 Volume 3, Chapter 14, Section 14.8, Section 14.8.4 to 14.8.7 Volume 3, Chapter 16, Section 16.8, Section 16.8.2) Volume 3, Chapter 17, Section 17.8, Section 17.8.4 to 17.8.7 Volume 3, Chapter 18, Section 18.7, Section 18.7.1 to 18.7.7	n/a
			<ul style="list-style-type: none"> Assess the cumulative effects on each VC selected by comparing the future scenario with the project and without the project. Effects of past activities (activities that have been carried out) will be used to contextualize the current state of the VC. Where VC(s) related to current use of lands and resources for traditional purposes by Aboriginal peoples are selected for cumulative effects assessment, the assessment will focus on the cumulative effects on the activity (e.g. hunting, fishing, trapping, plant harvesting). 	All	Volume 3, Chapter 7 to 17, 19 to 22, Section x.8 Volume 3, Chapter 18, Section 18.7	n/a
			<ul style="list-style-type: none"> Describe the mitigation measures that are technically and economically feasible. The proponent shall assess the effectiveness of the measures applied to mitigate the cumulative effects. In cases where measures exist that are beyond the scope of the proponent's responsibility that could be effectively applied to mitigate these effects, the proponent will identify these effects and the parties that have the authority to act. In such cases, the EIS will summarize the discussions that took place with the other parties in order to implement the necessary measures over the long term; 	All	Volume 3, Chapter 7 - 17, 10-22, Section X.6, Section X.6.1 to X.6.3 Volume 3, Chapter 18, Section 18.6, Section 18.6.1.1 to 18.6.1.7	
			<ul style="list-style-type: none"> Determine the significance of the cumulative effects; and 	All	Volume 3, Chapter 7 to 17, 19-22, Section X.8 Volume 3, Chapter 18, Section 18.7	

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			<ul style="list-style-type: none"> Develop a follow-up program to verify the accuracy of the assessment or to dispel the uncertainty concerning the effectiveness of mitigation measures for certain cumulative effects. 	All	Volume 3, Chapter 7 to 17 and 19 to 22, Section X.9 Volume 3, Chapter 18, Section 18.8	
			The proponent is encouraged to consult with identified Aboriginal groups and key stakeholders prior to finalizing the choice of VCs and the appropriate boundaries to assess cumulative effects.	Tsetsaut Skii km Lax Ha Métis Nation BC Nisga'a Nation	Volume 4, Chapter 25, Section 25.3 Volume 4, Chapter 26, Section 26.3 Volume 4, Chapter 27, Section 27.3	Volume 9, Appendix 27-A
7. SUMMARY OF ENVIRONMENTAL EFFECTS ASSESSMENT			The EIS will contain a table summarizing the following key information:	n/a	n/a	n/a
			<ul style="list-style-type: none"> potential environmental effects; 	Conclusions	Volume 6, Chapter 31, Section 31.3	n/a
			<ul style="list-style-type: none"> proposed mitigation measures to address the effects identified above; and 	Conclusions	Volume 6, Chapter 31, Section 31.4	n/a
			<ul style="list-style-type: none"> potential residual effects and the significance of the residual environmental effects. 	Conclusions	Volume 6, Chapter 31, Section 31.1	n/a
			The summary table will be used in the EA Report prepared by the Agency. An example of a format for the key summary table is provided in Appendix 1 of this document.	n/a	n/a	n/a
			In a second table, the EIS will summarize all key mitigation measures and commitments made by the proponent which will mitigate any significant adverse effects of the project on VCs (i.e., those measures that are essential to ensuring that the project will not result in significant adverse environmental effects).	Conclusions	Volume 6, Chapter 31, Section 31.3	n/a
8. FOLLOW-UP AND MONITORING PROGRAMS			A follow-up program is designed to verify the accuracy of the effects assessment and to determine the effectiveness of the measures implemented to mitigate the adverse effects of the project. The goal of a monitoring program is to ensure that proper measures and controls are in place in order to decrease the potential for environmental degradation during all phases of project development, and to provide clearly defined action plans and emergency response procedures to account for human and environmental health and safety.	Management Plans Monitoring and Follow-up Programs	Volume 5, Chapter 29, Section 29.1.2, Section 29.2, Section 29.8, Section 29.21 Volume 5, Chapter 30, Section 30.2, Section 30.5	n/a

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	8.1. Follow-up Program		The duration of the follow-up program shall last as long as required for the environment to regain its equilibrium and to evaluate the effectiveness of mitigation measures.	Management Plans	Volume 5, Chapter 29, Section 29.2.6,	n/a
			The EIS shall present a preliminary follow-up program in particular for areas where scientific uncertainty exists in the prediction of effects.	Monitoring and Follow-up Programs	Volume 5, Chapter 30, Section 30.5	n/a
			This program shall include:			
			• objectives of the follow-up program and the VCs targeted by the program;	Monitoring and Follow-up Programs	Volume 5, Chapter 30, Section 30.2	n/a
			• list of residual effects requiring follow-up;	Management Plans	Volume 5, Chapter 29, Section 29.5.5.2, Section 29.18.6, Section 29.22.4, Section 29.22.6, Section 29.26.8	n/a
			• number of follow-up studies planned as well as their main characteristics (list of the parameters to be measured, planned implementation timetable, etc.);	Follow-up and Monitoring Program Management Plans	Volume 5, Chapter 30, Section 30.5 Volume 5, Chapter 29, Section 29.5.5.2, Section 29.18.6, Section 29.22.4, Section 29.22.6, Section 29.26.8	n/a
			• specific thresholds or criteria that, if met, would trigger implementation of additional mitigation or intervention mechanism;	Management Plans	Volume 5, Chapter 29, Section 29.2, Section 29.2.6	n/a
			• intervention mechanism used in the event that an unexpected deterioration of the environment is observed;	Management Plans	Volume 5, Chapter 29, Section 29.2	n/a
			• mechanism to disseminate follow-up results among the concerned populations;	Management Plans	Volume 5, Chapter 29, Section 29.1.3.3, Section 29.2.7	n/a
			• accessibility and sharing of data for the general population;	Management Plans	Volume 5, Chapter 29, Section 29.1.3.4, Section 29.6	n/a
		• opportunity for the proponent to take advantage of the participation of Aboriginal groups and stakeholders on the affected territory, during the implementation of the program; and	Management Plans	Volume 5, Chapter 29, Section 29.1.3.3, Section 29.2.7	n/a	
		• involvement of local and regional organizations in the design, implementation and evaluation of the follow-up results as well as any updates, including a communication mechanism between these organizations and the proponent.	Follow-up and Monitoring Program Management Plans	Volume 5, Chapter 30, Section 30.1 Volume 5, Chapter 30, Section 29.2.5, Section 29,2,6	n/a	

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	8.2. Monitoring		The proponent will prepare an environmental monitoring program for all phases of the project. This program will help ensure that the project is implemented as proposed, that the mitigation or compensation measures proposed to minimize the project’s environmental effects are implemented effectively, and that the conditions set at the time of the project’s authorization and the requirements pertaining to the relevant laws and regulations are met. The monitoring program will also make it possible to check the proper operation of works, equipment and facilities. If necessary, the program will help reorient the work and possibly make improvements at the time of construction and implementation of the various elements of the project.	Follow-up and Monitoring Program	Volume 5, Chapter 30	n/a
			Specifically, the EIS shall present an outline of the preliminary environmental monitoring program, including the:	Follow-up and Monitoring Program	Volume 5, Chapter 30	n/a
			<ul style="list-style-type: none"> description of the characteristics of the monitoring program (e.g. location of interventions, planned protocols, list of measured parameters, analytical methods employed, schedule, human and financial resources required); 	Follow-up and Monitoring Program Management Plans	Volume 5, Chapter 30, Section 30.5 Volume 5, Chapter 29, Section 29.5.5.2, Section 29.18.6, Section 29.22.4, Section 29.22.6, Section 29.26.8	n/a
			<ul style="list-style-type: none"> description of the proponent’s intervention mechanisms in the event of the observation of non-compliance with the legal and environmental requirements or with the obligations imposed on contractors; and 	Follow-up and Monitoring Program	Volume 5, Chapter 29, Section 29.2 Volume 5, Chapter 30, Section 30.4	n/a
			<ul style="list-style-type: none"> guidelines for preparing monitoring reports (number, content, frequency, format) that will be sent to the interested authorities. 	Follow-up and Monitoring Program	Volume 5, Chapter 30, Section 30.6	n/a