

## **PREFACE**

This document contains the Table of Commitments for the Ruby Creek Molybdenum Project. Commitments contained herein will be implemented by Adanac Molybdenum Corporation, hereafter referred to as 'the Proponent'. This document consists of one complete Table of Commitments containing the Table of Commitments issued in the Environmental Assessment Certificate Application (the Application) (Table 11.5) August 2006, and all other commitments made by the Proponent subsequent to issuance of the Application.

Table of Commitments:

The Table of Commitments is organized into thirteen different categories, which were adopted from the Application outline and were confirmed with the Environmental Assessment Office in November 2006. The categories (and abbreviations) are listed below:

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| 1. PD    | Project Description                      |
| 2. SG    | Soil & Surficial Geology                 |
| 3. AQ    | Air Quality                              |
| 4. N     | Noise                                    |
| 5. SW    | Surface Water                            |
| 6. GW    | Ground Water                             |
| 7. AR    | Aquatic Resources                        |
| 8. T     | Terrestrial                              |
| 9. WC/WQ | Waste Characterization and Water Quality |
| 10. SE   | Socio-Economic                           |
| 11. GD   | General Design                           |
| 12. EMS  | Environmental Management System          |
| 13. CP   | Closure Plan                             |

ID#	CATEGORY CODE	PHASE	COMMITMENT	AGENCY REGULATION	STATUS
<b>1. Project Description</b>					
1.	PD	Permitting	The Proponent will continue to work with existing placer tenure holders to make best efforts to secure the fish compensation development in Boulder Creek.	Ministry of Energy Mines and Petroleum Resources	Pine Creek completed Ongoing at Boulder Creek
2.	PD	Operations	The Proponent will re-evaluate the recovery of tungsten during operations, should market conditions change.	Ministry of Energy Mines and Petroleum Resources	To be determined
3.	PD	Construction Operation Closure	The Proponent will design, construct, operate and decommission the Project as described in the Application including subsequent specific alterations that may be required in forthcoming agency permits or authorizations.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment, Fisheries and Oceans Canada, Environment Canada, Transport Canada	Ongoing
4.	PD	Construction Operation Closure	The Project construction, operations, closure and reclamation will follow conditions to be provided by BC Ministry of Energy, Mines and Petroleum Resources in the <i>Mines Act</i> permit.	Ministry of Energy Mines and Petroleum Resources	Ongoing
5.	PD	Construction Operation Closure	The Proponent will develop the facility management and environmental monitoring plans indicated in the Application in association with the relevant agencies. The plans will be implemented fully at the appropriate times.	All Agencies	Ongoing
6.	PD	Construction	Sediment Control Measures and Best Management Practices will be implemented during construction to prevent sediment and contaminant release.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment, Fisheries and Oceans Canada	Ongoing
7.	PD	Operation	Operations will follow an environmental quality assurance program meeting current industry Best Management Practices and applicable federal and provincial legislation	Ministry of Energy Mines and Petroleum Resources	Ongoing
8.	PD	Construction Operation	Fuel storage and handling implemented during construction and operation will follow Federal and Provincial requirements (Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Products) and the BC Fire Code.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment, Environment Canada	Ongoing
9.	PD	Construction Operation	Waste management systems for handling and disposal of domestic, sanitary and hazardous wastes will be incorporated.	Ministry of Energy Mines and Petroleum Resources,	Ongoing

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<b>1. Project Description</b>					
				Ministry of Environment, Environment Canada	
10.	PD	Construction Operation Closure	Environmental contingency and spill response plans will be developed and implemented.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
11.	PD	Closure	A reclamation and closure plan will be updated on a regular basis as required under the <i>Mines Act</i> permit. The closure plan will be discussed with relevant agencies and the Taku River Tlingit First Nation and amended as appropriate prior to implementation.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment, Fisheries and Oceans Canada, Environment Canada	Ongoing
12.	PD	Construction Operation Closure	The Proponent will not deposit waste rock in or immediately adjacent to Moly Lake, and will make best efforts to restore Moly Lake to its natural conditions should Moly Lake need to be drained during operations. The Proponent will take all reasonable steps to protect Moly Lake from mine-related disturbance.	Ministry of Environment, Environment Canada	Ongoing

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<b>2. Soil and Surficial Geology</b>					
13.	SG	Permitting	Case studies of site analogues and re-vegetation performance will be provided in the <i>Mines Act Permit</i>	Ministry of Energy Mines and Petroleum Resources	Completed
14.	SG	Operation Closure	A soil management plan will be implemented. Where appropriate, soils will be stripped, salvaged and either used immediately for reclamation or stored for final reclamation.	Ministry of Energy Mines and Petroleum Resources	Ongoing
15.	SG	Closure	A topsoil management plan will be developed to balance topsoil requirements for closure.	Ministry of Energy Mines and Petroleum Resources	Ongoing

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<b>3. Air Quality</b>					
16.	AQ	Construction Operations	Baseline air quality conditions will be monitored in order to assess change. Mitigation measures will be implemented should significant air quality issues arise	Ministry of Environment	Ongoing
17.	AQ	Closure	At end-of mine life, site closure conditions will be compared against those observed in the baseline assessment, in order to identify any residual effects and the need for additional mitigation strategies	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Completed
18.	AQ	Operations	An emissions inventory for the operation phase of the Ruby project will be provided once the project reaches the permitting stage.	Ministry of Environment	Ongoing
19.	AQ	Construction Operations	The Proponent will apply Best Management Practices for clearing. Prohibited accelerant material (i.e. waste oil, tires) will not be utilized. Various mitigation strategies will be proposed to reduce emission rates. Details will be provided during permitting.	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
20.	AQ	Permitting	The Environmental Management System will address the reduction of dust and emissions into the atmosphere by proposing additional control measures. The Environmental Management System will address the efficient use of internal combustion engines to reduce emissions to the atmosphere	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
21.	AQ	Operations	Dust dispersion modeling during operations will be undertaken for the Project site.  A complete dust emissions inventory will be developed during operations and dust monitoring strategies will be developed and implemented based upon this information.	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
22.	AQ	Construction Operations	Air emissions will be minimized through an ongoing equipment maintenance program and encouraging both the company and contractors to use modern low-emission equipment and low sulphur fuel.	Ministry of Environment	Ongoing
23.	AQ	Construction Operation	If an incinerator is installed, the emissions will be controlled using Best Management Practices.	Ministry of Environment	Ongoing
24.	AQ	Construction Operation	Dust at the mine, tailings impoundment and along the roads will be minimized as necessary. Appropriate mitigation techniques could include watering, dust retardants and/or wind breaks.	Ministry of Environment	Ongoing
25.	AQ	Construction Operation	The Proponent, in cooperation with BC Ministry of Highways, will work with the Taku River Tlingit First Nation and the community of Atlin to	BC Ministry of Highways	Ongoing

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<b>3. Air Quality</b>					
			minimize impacts on area residents from fugitive dust as a result of road traffic		

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<b>4. Noise</b>					
26.	N	Operations	Best Management Practices and mitigation measures will be implemented throughout operations to minimize impacts to wildlife.	Ministry of Environment	Ongoing
27.	N	Operations	Wildlife monitoring will be implemented immediately prior to and during mine operations to assess the behavioural response of caribou and sheep populations to blasting in the study area at Ruby Creek. High elevation flight survey monitoring will be utilized for this purpose and will be carried out at least twice prior to the start of operations.	Ministry of Environment	Ongoing
28.	N	Operations	Should an effect from noise be observed on caribou or sheep populations during monitoring, the Proponent will implement appropriate corrective measures.	Ministry of Environment	Ongoing
29.	N	Operations	A no-blasting period will be implemented annually during calving and lambing periods, between May 15 and May 25 of each year, until deemed no longer necessary. The proponent has developed a noise model applicable for identifying areas potentially affected by blasting noise. If an effect of blasting is demonstrated, the Proponent will work with relevant agencies and Taku River Tlingit First Nation to determine the area of blasting effect. Should this area contain active calving or lambing activity after May 25, and based on a demonstrated effect of mining activities, the no-blasting period may be extended to occur within a maximum of 6 continuous weeks. This period will not extend beyond June 25 and blasting will start-up prior to this date should the area of effect not be used for calving or lambing..	Ministry of Environment	Ongoing
30.	N	Construction Operation	Occupational Health and Safety policies and programs will be implemented throughout construction and operations. These will include hearing protection equipment requirements and routine hearing tests.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
31.	N	Construction	Noise control equipment will be used and maintained on all equipment.	Ministry of Energy Mines	Ongoing

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<b>4. Noise</b>					
		Operation		and Petroleum Resources, Ministry of Environment	

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<b>5. Surface Water</b>					
32.	SW	Operations	The Proponent will conduct snow course surveys, during operations to maintain the database related to water balance computations.	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
33.	SW	Construction Operations	Best Management Practices for erosion control within the mine site will be applied throughout construction and operation.	Fisheries and Oceans Canada, Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
34.	SW	Construction Operations	Water quality and flow measurements will be undertaken at a compliance point to be determined between the Proponent and relevant agencies.  Ongoing surface water quantity monitoring will be conducted throughout operation to evaluate and modify the water balance inputs. The monitoring will be utilized to refine the estimated values of runoff coefficients.  The water balance will be updated with ongoing site data collection and the water management plans adjusted as required to manage water onsite and prevent uncontrolled releases.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
35.	SW	Permitting Operations Closure Post Closure	Site specific water quality objectives will be established in consultation with regulatory agencies and stakeholders, and all parameters of concern will be monitored as required by permitting agencies	Fisheries and Oceans Canada, Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing

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<b>6. Ground Water</b>					
36.	GW	Permitting Operation	A groundwater quality monitoring program will be established to ensure the water quality objectives established with Ministry of Energy Mines and Petroleum Resources and Ministry of Environment will be met during operations. This program will be incorporated in the detailed design work.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
37.	GW	Construction	The seepage recovery dam will be lined with compacted till to reduce and control discharges	Ministry of Environment	Ongoing
38.	GW	Operation	A groundwater monitoring program and seepage recovery program will be implemented as necessary to comply with downstream water quality parameters, in accordance with discharge permits.	Ministry of Environment, Environment Canada	Ongoing

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<b>7. Aquatic Resources</b>					
39.	AR	Operation	Complete Environmental Effects Monitoring will be conducted and water quality objectives will be met as defined in Section 5 of the Metal Mining Effluent Regulations.	Environment Canada	Ongoing
40.	AR	Construction	The Upper Ruby Creek Arctic grayling population is currently planned for relocation to an area of Upper Pine Creek (on the north end of Surprise Lake). Other suitable options will be evaluated at the time of the move should portions of Pine Creek not be suitable at that time.  Sediment traps will be located upstream prior to any site disturbance that may affect the grayling prior to their relocation.	MoE	Ongoing
41.	AR	Construction Operation Closure	Adanac has secured the existing placer tenures in Upper Pine Creek and will work with Ministry of Energy Mines and Petroleum Resources to remove these tenures from the system. This should ensure the protection of the Arctic Grayling Habitat.	Ministry of Energy Mines and Petroleum Resources	Ongoing
42.	AR	Construction Operation Closure	The Proponent will provide compensatory habitat for Arctic grayling, as deemed appropriate in consultation with Fisheries and Oceans Canada.  An adaptive management plan will be used to manage compensation sites.	Fisheries and Oceans Canada,	Ongoing

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<b>7. Aquatic Resources</b>					
43.	AR	Construction Operations Closure	Conduct an Environmental Effects Monitoring program to detect potential mine related effects.	Environment Canada	Ongoing
44.	AR	Permitting	Sediment and water quality toxicity testing will be conducted prior to the start of construction.  Based on the results of baseline data analysis, parameter(s)/variable(s) will be set, and regularly monitored as part of the Environmental Effects Monitoring program. Critical (significant) levels of these parameters will be defined based on the baseline data conditions and consultation with Fisheries and Oceans Canada and the Taku River Tlingit First Nation.	Environment Canada	Ongoing
45.	AR	Construction Operation Closure	The Fish Habitat Compensation Program will be implemented and monitored in compliance with Fisheries Act Authorization requirements.	Ministry of Environment, Fisheries and Oceans Canada	Ongoing
46.	AR	Construction	New stream crossings will be constructed using Best Management Practices for crossing mechanisms to prevent sediment release and allow fish access, where fish are present.	Ministry of Environment, Fisheries and Oceans Canada	Ongoing
47.	AR	Permitting	The lower Pine Creek compensation area will be investigated for confirmation as a viable alternative to the proposed compensation plan.	Ministry of Environment, Fisheries and Oceans Canada	Ongoing
48.	AR	Permitting Construction Operations	In year 4, an assessment will be conducted to determine if fish produced in the fish habitat compensation areas are returning to these areas to spawn.	Ministry of Environment, Fisheries and Oceans Canada	Ongoing

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<b>8. Terrestrial</b>					
49.	T	Construction Operations	Wildlife and driver awareness training programs will be implemented.	Ministry of Environment	Ongoing
50.	T	Closure Post closure	New roads constructed within the mining lease will be decommissioned and rehabilitated following mine closure to minimize long-term impacts to terrestrial resources.	Ministry of Environment	Ongoing

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<b>8. Terrestrial</b>					
			In addition, a reclamation and decommissioning plan will be created for the access road outside of the mine lease area, to be implemented subject to applicable legislation. However, should other legislation supersede this reclamation possibility, the Proponent's Special Use Permit will be terminated and the road will remain intact for other public users.		
51.	T	Construction Operations	The Proponent will locate the mine employee camp away from wildlife movement corridors previously identified by the Taku River Tlingit First Nation.	Ministry of Environment	Ongoing
52.	T	Construction Operations	Snow banks will be monitored during winter, and removal techniques will be implemented to maintain specific animal crossings. The snow height at these crossings will be maintained at less than 1 metre to allow animals to traverse across the road.	Ministry of Environment	Ongoing
53.	T	Construction Operation Closure	<p>The Proponent will employ a full-time environmental coordinator throughout construction and operations and during mine decommissioning activities at closure.</p> <p>The environmental coordinator will responsible for executing and administering all wildlife monitoring programs, including the Bear Control Program. The terms of reference for the Environmental Coordinator will be discussed with Taku River Tlingit First Nation.</p> <p>In the event that the environmental coordinator is not hired prior to the start of construction, an interim manager will be appointed until an environmental coordinator is hired.</p>	Ministry of Environment	Ongoing
54.	T	Construction Operation	<p>During pre-construction, the Proponent will collect additional baseline data for sheep, caribou and moose populations in the Ruby Creek watershed and its vicinity.</p> <p>The Proponent will implement on-site employee policies that will reduce the potential disturbance, alienation and mortality of all wildlife (specifically caribou, sheep, moose and bear), including restricting employee access to the areas utilized for mine operation and the employee village, implementation of a no-hunting policy, compulsory employee education, and posting for speed control and wildlife alerts.</p> <p>The Proponent will implement adaptive management strategies for Caribou, Stone's Sheep and Moose, including wildlife monitoring as required, throughout the life of the Project.</p>	Ministry of Environment	Ongoing

ID#	CATEGORY CODE	PHASE	COMMITMENT	AGENCY REGULATION	STATUS
<b>8. Terrestrial</b>					
55.	T	Construction Operation	<p><i>Woodland Caribou.</i></p> <p>Monitoring of local caribou populations, calving/nursery habitat and wintering habitat in designated areas and the Project site, as well as behavioural response to blasting, as detailed in the Caribou Monitoring Plan.</p> <p>A no-blasting period will be implemented annually during calving and lambing periods, between May 15 and May 25 of each year, until no longer necessary. The proponent has developed a noise model applicable for identifying areas potentially affected by blasting noise. If an effect of blasting is demonstrated, the Proponent will work with relevant agencies and Taku River Tlingit First Nation to determine the area of blasting effect. Should this area contain active calving or lambing activity after May 25, and based on a demonstrated effect of mining activities, the no-blasting period may be extended to occur within a maximum of 6 continuous weeks. This period will not extend beyond June 25 and blasting will start-up prior to this date should the area of effect not be used for calving or lambing.</p> <p>High elevation aerial surveys / monitoring will be conducted (four surveys per year for the life of the mine, or until deemed to no longer required) during the calving and post-calving seasons (late May – early August) to monitor caribou presence and possible responses to mine activity during construction. This information will provide information for adaptive wildlife management planning for the Project.</p> <p>Follow-up monitoring will be conducted through Project development and operations to assess possible risk to caribou calving, and provide possible information regarding animal response to mining activities around calving that are current information gaps. In addition, adaptive management will be implemented throughout the Project life to minimize disturbance to caribou calving habitat.</p> <p>Should the Ministry of Environment and Taku River Tlingit First Nation identify critical wildlife habitat areas within the Tlingit’s traditional territory that should be preserved and such areas are not covered by existing mineral tenures, the proponent will make best efforts to secure these mineral tenures. The proponent will then work with the appropriate government agencies to attempt to place these tenures in a form of map reserve. The goal will be to compensate for lost habitat at approximately a 2:1 ratio.</p>	Ministry of Environment	Ongoing
56.	T	Construction	<i>Stone’s Sheep.</i>	Ministry of Environment	Ongoing

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<b>8. Terrestrial</b>					
		Operation	<p>Further monitoring will be conducted to attempt to understand the Project's effects on Stone's sheep movement corridors and on access to the mineral lick on Ruby Mountain.</p> <p>Specifically, the Proponent will monitor the use of the Ruby Mountain mineral lick by sheep using automated camera stations.</p> <p>The Proponent will monitor local sheep populations, wintering habitat and calving/nursery habitat in established control areas, study areas, and the Project site, as detailed in the Stone's Sheep Monitoring Plan.</p> <p>Expansion of waste dumps and tailing facilities will be staged, to allow for sheep to gradually alter their movements around or over obstructions and re-establish movement corridors.</p> <p>Should the Ministry of Environment and Taku River Tlingit First Nation identify critical wildlife habitat areas within the Tlingit's traditional territory that should be preserved and such areas are not covered by existing mineral tenures, the proponent will make best efforts to secure these mineral tenures. The proponent will then work with the appropriate government agencies to attempt to place these tenures in a form of map reserve. The goal will be to compensate for lost habitat at approximately a 2:1 ratio.</p>		
57.	T	Construction Operation	<p><i>Moose</i></p> <p>The Proponent will implement the moose monitoring and adaptive management strategy to provide opportunities to develop appropriate mitigation through the life of the mine.</p>	Ministry of Environment	Ongoing
58.	T	Construction Operation Closure	<p><i>Grizzly Bear</i></p> <p>The Proponent will implement a Bear Control Program through the life of the Project as a way to monitor and proactively manage bear interactions with the Project. As part of this program all employees and contractors working at the site will be required to participate in a bear awareness education program.</p>	Ministry of Environment	Ongoing
59.	T	Construction Operation	<p><i>Hoary Marmot</i></p> <p>The Proponent will enhance the adjacent marmot habitat that will remain during Project construction and operation, and will monitor marmots to see if they naturally move to this habitat.</p> <p>The Proponent will carefully excavate the existing burrows prior to the start</p>	Ministry of Environment	Ongoing

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<b>8. Terrestrial</b>					
			<p>of construction in an attempt to avoid marmot mortality inside these burrows, and to ensure that they are unable to return to their burrows during construction and operations.</p> <p>The Proponent will implement the Hoary Marmot Monitoring Plan through the life of the Project as a way to adaptively monitor and develop additional marmot management actions or further mitigation.</p>		
60.	T	Construction Operation Closure	Speed limits will be posted on site to minimize vehicle-wildlife accidents.	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
61.	T	Construction Operation Closure	No-hunting or fishing and no-harassment policy for employees accommodated on site	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
62.	T	Construction Operation	Mine lease designated "No Hunting or Fishing" area	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
63.	T	Construction Operation	Employee movement will be restricted on their work rotation to minimize disturbance to surrounding wildlife.	Ministry of Environment	Ongoing
64.	T	Construction Operation	Personnel will be trained, educated, and managed to minimize wildlife interactions.	Ministry of Environment	Ongoing
65.	T	Operation Closure	<p>The Proponent will implement an ongoing reclamation plan to minimize the loss of wildlife habitat that was disturbed or removed for construction or operation of the Project.</p> <p>Post-closure rehabilitation will be conducted to optimize land use and reduce long-term impacts to wildlife within the Project site. Re-vegetation will aim to establish the same habitat capabilities as existed prior to the Project commencing.</p>	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
66.	T	Operations	As discussed with relevant government agencies and Taku River Tlingit First Nation in the Wildlife Working Group, the Proponent will support 50% of the regular surveys conducted by Ministry of Environment to a maximum of 150 thousand dollars per year. Regular population status surveys for the Atlin East herd and classification surveys are conducted by Ministry of Environment every 5 years. The contribution to be provided by the proponent will decrease accordingly should other industrial users enter the area and provide Ministry of Environment with similar funding.	Ministry of Environment	Ongoing

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<b>8. Terrestrial</b>					
			The frequency of classification surveys may be reassessed in conjunction with the evaluation of wildlife monitoring programs for the Project. Reassessment is expected to occur every three to five years during operation.		
67.	T	Operation Closure	The monitoring plans will include a methodology to evaluate the accuracy of predicted impacts and the effectiveness of the mitigation derived from these tables. This will be used as follow-up for the wildlife monitoring undertaken as proposed to determine the accuracy of predicted effects and efficiency of mitigation.	Ministry of Environment	Ongoing
68.	T	Construction	Wildlife Monitoring Plans will be incorporated in the Proponent's Environmental Management System. Copies of the finalized Environmental Management System (and any revisions) will be made available to the Taku River Tlingit First Nation and the regulatory agencies as appropriate.	Ministry of Environment	Ongoing

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<b>9. Waste Characterization and Water Quality</b>					
69.	WC/WQ	Operations	The Proponent will undertake waste characterization, as described in Addenda IV and V, segregate potential acid generating from non-potential acid generating waste rock, and will submerge potential acid generating rock in the tailings pond.	Ministry of Energy Mines and Petroleum Resources	Ongoing
70.	WC/WQ	Operations	Materials identified as potentially acid generating will be segregated and appropriately placed within the tailings facility with the objective of providing water coverage of this material following the first year following the start of mining operations.	Ministry of Energy Mines and Petroleum Resources	Ongoing
71.	WC/WQ	Operations Closure	In the event of a premature or temporary closure, the Proponent will implement appropriate mitigation to avoid acid rock drainage (i.e. placement of waste rock on a liner and milling / location change) unless conclusive evidence is presented to show that all of the low grade ore	Ministry of Energy Mines and Petroleum Resources	Ongoing

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<b>9. Waste Characterization and Water Quality</b>					
			on-site is non-potential acid generating.		
72.	WC/WQ	Operations Permitting	<p>The Proponent will segregate waste rock based upon procedures described in acid rock drainage/metal leaching Addendum IV, using total sulphur content of 0.1% as initial segregation criteria.</p> <p>The Proponent will work with Ministry of Environment and Ministry of Energy Mines and Petroleum Resources to determine finer segregation criteria for geologic units of concern as part of the permitting process. The objective of this work would be to clarify segregation criteria for geologic units of concern that would provide the appropriate compromise between long-term conservative waste handling and acceptable long-term water quality beyond the life of the mine.</p> <p>The objective of such a segregation refinement will be to ensure appropriate classification of material while also minimizing the size of the tailings pond while at the same time preventing or minimizing any acid generation and metal leaching to the environment.</p> <p>The results of ongoing waste characterization analyses will be considered as part of the implementation of the waste characterization program, and further monitoring of the oxidation of potential acid generating material will be undertaken through the life of the mine to ensure management programs are effective.</p>	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
73.	WC/WQ	Operations	A compacted till layer will be placed between the low grade ore and the waste rock to protect the low grade ore from the underlying waste rock allowing for possible future milling access and to ensure any drainage from the low grade ore is transferred directly into the on-site water containment system.	Ministry of Energy Mines and Petroleum Resources	Ongoing
74.	WC/WQ	Closure	By mine closure the low grade ore will either be milled or, should cost considerations require it, be returned to the pit and submerged.	Ministry of Energy Mines and Petroleum Resources	Ongoing
75.	WC/WQ	Closure	Following milling of the low grade ore, the till layer will be stripped to the level of acceptable soil conditions for reclamation, and stripped material will be deposited into the tailings impoundment or	Ministry of Energy Mines and Petroleum Resources	Ongoing

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<b>9. Waste Characterization and Water Quality</b>					
			disposed in the pit lake at closure.		
76.	WC/WQ	Permitting	Results of ongoing waste characterization analyses will be provided when available.	Ministry of Energy Mines and Petroleum Resources	In process
77.	WC/WQ	Operations	Testing of low grade ore on a field test pad during the life of the Ruby Creek mine will monitor the progressive oxidation of this material.	Ministry of Energy Mines and Petroleum Resources	Ongoing.
78.	WC/WQ	Closure	Waste rock dumps will be capped at closure to reduce water infiltration.	Ministry of Energy Mines and Petroleum Resources	Ongoing.
79.	WC/WQ	Construction Operation Closure	A water quality monitoring and management plan will be implemented to comply with discharge permits	Ministry of Environment, Environment Canada	Ongoing
80.	WC/WQ	Construction Operation Closure	An Environmental Effects Monitoring program will be implemented to monitor downstream aquatic effects (to meet federal and provincial requirements)	Ministry of Environment, Environment Canada	Ongoing
81.	WC/WQ	Permitting	Top-to-Bottom acid-base-acid testing of 3 holes within the open pit area to help evaluate the feasibility of segregation.	Ministry of Energy Mines and Petroleum Resources	Complete
82.	WC/WQ	Permitting	Continued collection of adit water samples when the adit seepage is sufficient.	Ministry of Energy Mines and Petroleum Resources	Complete
83.	WC/WQ	Permitting	Collection and testing of tailings pore water samples from existing pilot tailings facility.	Ministry of Energy Mines and Petroleum Resources	Complete
84.	WC/WQ	Permitting	Short term aging tests on tailings produced during summer 2006 metallurgical program	Ministry of Energy Mines and Petroleum Resources	Complete
85.	WC/WQ	Permitting	Geochemical testing of waste rock on site from pilot operations.	Ministry of Energy Mines and Petroleum Resources	Ongoing
86.	WC/WQ	Permitting	Two additional humidity cells will be set up to assess the time to onset of acid rock drainage and/or metal leaching rates of the high sulphide within the southeast portion of the proposed open pit and the low-grade ore to be stored in the stockpile and exposed on the open pit wall at closure.	Ministry of Energy Mines and Petroleum Resources	Ongoing
87.	WC/WQ	Permitting	Continue to run current and proposed humidity cells through permitting	Ministry of Energy Mines	Ongoing

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<b>9. Waste Characterization and Water Quality</b>					
			phase.	and Petroleum Resources	
88.	WC/WQ	Permitting	Should segregation criteria be deemed not suitable, the segregation criteria will be modified.	Ministry of Energy Mines and Petroleum Resources	Ongoing
89.	WC/WQ	Permitting	The Proponent will comply with all requirements set out in the <i>Mines Act</i> and Effluent Discharge Permits issued under Ministry of Energy, Mines and Petroleum Resources and the Ministry of Environment.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
90.	WC/WQ	Construction	The diversion ditches will be designed to minimize the amount of surface water potentially contaminated as a result of the Project.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
91.	WC/WQ	Operation Post-Closure	In the event that water quality does not meet the objectives for parameters of concern established through consultation with Ministry of Energy Mines and Petroleum Resources, Ministry of Environment and Environment Canada, the Proponent will treat effluent water prior to release to the receiving environment.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
92.	WC/WQ	All phases	Additional mitigation, including effluent treatment if necessary, will be ensured to meet water quality objectives.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing

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<b>10. Socio-Economic</b>					
93.	SE	All phases	The proponent has agreed to assist the community of Atlin and TRTFN in the development of a community-based adaptive management and monitoring program (CAMMP) to address potential community impacts from the Project. This initiative will be led by TRTFN and the Atlin community, with the Proponent [1] participating in finalization of the CAMMP design; [2] contributing funds to the costs of the program, at a level to be established during the final design stage of the program when the costs are better known; and [3] meeting with TRTFN and the Atlin community as	Taku River Tlingit First Nation	Ongoing

ID#	CATEGORY CODE	PHASE	COMMITMENT	AGENCY REGULATION	STATUS
<b>10. Socio-Economic</b>					
			may be needed in the future to develop appropriate mitigation measures if and when the CAMMP identifies impacts that need to be addressed.		
94.	SE	All phases	The Proponent has agreed to work with the Taku River Tlingit First Nation and local counsellors to assist in drug and alcohol programs.	Taku River Tlingit First Nation	Ongoing
95.	SE	All phases	The Proponent has agreed to monitor potential socio-economic impacts for the Project through an Adaptive Management Plan with the community of Atlin and the Taku River Tlingit First Nation.	Taku River Tlingit First Nation	Ongoing
96.	SE	All phases	The Proponent has agreed to work with the Taku River Tlingit First Nation and the Atlin community to investigate ways the Proponent could help encourage economic diversification for Atlin and transferable skills development for locals employed by the mine.	Taku River Tlingit First Nation	Ongoing
97.	SE	All phases	<p>The Proponent has agreed to develop an employee orientation program with input from the Taku River Tlingit First Nation and Atlin community to:</p> <ul style="list-style-type: none"> <li>▪ welcome employees to the area;</li> <li>▪ explain the area's history from a Taku River Tlingit First Nation and Atlin community perspective;</li> <li>▪ have a cultural sensitivity component; and</li> <li>▪ other details deemed important.</li> </ul>	Taku River Tlingit First Nation	Ongoing
98.	SE	All phases	The Proponent has agreed to financially support the proposed Tlingit Cultural Enhancement Program. This Program will be administered by TRTFN Government, and is designed to mitigate and/or compensate Tlingit land users from the displacement impacts that are predicted to occur from the Project. The Proponent will meet with TRTFN to discuss the details of the Program and the budget required to effectively implement the Program.	Taku River Tlingit First Nation	Ongoing
99.	SE	All phases	The Proponent has agreed in principle to having an Elder-in-	Taku River Tlingit First	Ongoing

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<b>10. Socio-Economic</b>					
			Residence available for on-site employees to access while on their work rotation. The details of this program are yet to be determined.	Nation	
100.	SE	All phases	The Proponent has agreed to explore options for providing local training opportunities for area residents specific to careers at the mine.	Taku River Tlingit First Nation	Ongoing
101.	SE	All phases	The Proponent has agreed to explore the idea of having a place at the employee village for cultural/religious use.	Taku River Tlingit First Nation	Ongoing
102.	SE	All phases	The Proponent has agreed to investigate providing traditional meals available at the employee village. The Proponent will contract out the employee village catering, and will explore a traditional meals option at that time.	Taku River Tlingit First Nation	Ongoing
103.	SE	All phases	The Proponent has agreed to explore day-care options for local employees.	Taku River Tlingit First Nation	Ongoing
104.	SE	All phases	The Proponent has agreed to support an evaluation of the current level of counselling services available in Atlin and work with the local counsellor and Taku River Tlingit First Nation to identify areas for improvement	Taku River Tlingit First Nation	Ongoing
105.	SE	All phases	The Proponent is committed to working with the Taku River Tlingit First Nation and the Atlin community throughout the life of the project and encourage development of a Community Adaptive Management and Monitoring Plan (CAMMP); to work within the priorities of the community and the direction it wants to take. The Proponent has also committed to working with the community to help ensure that Project related benefits are enhanced and impacts mitigated to the extent possible throughout the life of the project.	Taku River Tlingit First Nation	Ongoing
106.	SE	All phases	The Proponent will support this initiative (CAMMP) should the Taku River Tlingit First Nation and the community so desire. The Proponent is also committed to working with the Taku River Tlingit First Nation to discuss options they may feel are critical to addressing community vulnerabilities specific to the Taku River Tlingit First Nation.	Taku River Tlingit First Nation	Ongoing
107.	SE	All phases	Given the labour situation identified in the baseline, the commitment	Taku River Tlingit First	Ongoing

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<b>10. Socio-Economic</b>					
			was made to hire locally where possible and to operate on a fly-in/fly-out basis with the camp located away from the town site to minimize the impact on the community.	Nation	
108.	SE	All phases	Options for work rotation flexibility are possible for individuals with specific cultural commitments, such as the Taku salmon run. The planning around such events must occur well in advance of the actual cultural commitment to ensure continuous mine operation	Taku River Tlingit First Nation	Ongoing
109.	SE	All phases	The Proponent will design and adjust its mining plan in order to minimize the potential for an unscheduled closure as a result of low molybdenum prices.	Taku River Tlingit First Nation	Ongoing
110.	SE	All phases	Once the Proponent finalizes detailed design and permit conditions, it will be able to assess mine requirements and better predict potential economic impacts. This will be discussed with the Taku River Tlingit First Nation and community as part of ongoing work regarding the CAMMP.	Taku River Tlingit First Nation	Ongoing
111.	SE	All phases	Direct employment will cease at closure with the exception of reclamation and monitoring which make up a small portion of the operational workforce.	Taku River Tlingit First Nation	Ongoing
112.	SE	All phases	If requested, the Proponent will work with the Taku River Tlingit First Nation and Atlin community to monitor hunting pressures and will help assist with the applicable authorities as necessary. The Proponent is committed to work with the community and Taku River Tlingit First Nation to assess wildlife impacts throughout the project and incorporate local knowledge in their design. If use of particular areas becomes an issue, the Proponent will work with the Taku River Tlingit First Nation and Atlin community to assess mitigation options at that time.	Taku River Tlingit First Nation	Ongoing
113.	SE	All phases	The Proponent will work with the Taku River Tlingit First Nation and the Atlin community to identify means through which to offset potential negative effects to mixed economy while at the same time maintaining the function of the mine.	Taku River Tlingit First Nation	Ongoing
114.	SE	All phases	Should the need arise, The Proponent will work with the Taku River Tlingit First Nation and Atlin community to research any infrastructure	Taku River Tlingit First Nation	Ongoing

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<b>10. Socio-Economic</b>					
			options that may be beneficial to the three parties.		
115.	SE	All phases	The Proponent will establish the required safety, emergency and communications equipment that will be required on all transport trucks servicing the project site and a provisional emergency response plan has been developed (see Section 11, Environmental Management Systems) to deal with Project related incidents as required.	Taku River Tlingit First Nation	Ongoing
116.	SE	All phases	The Proponent will encourage the Atlin community and the Taku River Tlingit First Nation to develop other economic sectors through community capacity building to help minimize the effect of the transition to a no-mine scenario.	Taku River Tlingit First Nation	Ongoing
117.	SE	Construction	An archaeological monitoring program will in collaboration with Taku River Tlingit First Nation be conducted of esker ridges situated in the proposed tailings pond and dam area (middle part of the Ruby Creek valley) during initial construction/clearing work.	Ministry of Tourism, Sport and the Art	Ongoing
118.	SE	Construction	Prior to road upgrading and during construction and mine operations, archaeology fieldwork will be performed in collaboration with Taku River Tlingit First Nation to ensure the Proponent will comply with the Provincial Heritage Conservation Act.  The proponent will identify and make available as required, services of a qualified archaeologist for this task, and will continue to work collaboratively with the Taku River Tlingit First Nation to ensure that the required work is properly conducted and protective of Taku River Tlingit First Nation's interests in its execution.	Ministry of Tourism, Sport and the Art	Ongoing
119.	SE	Construction	An archaeology study will be performed at Cracker Creek to assess heritage resources in the areas of the fish habitat compensation works prior to construction.	Ministry of Tourism, Sport and the Art	Ongoing
120.	SE	Construction Operation Closure	The Proponent will continue to foster its relationship with the Taku River Tlingit First Nation, to encourage First Nation employment and business opportunities and negotiate an impacts and benefits agreement with the Taku River Tlingit First Nation. Ongoing consultation will occur through the life of the Project.	Taku River Tlingit First Nation	Ongoing
121.	SE	Construction	<i>Camp Location.</i> The construction and operation camp will be situated at the	Taku River Tlingit First	Ongoing

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<b>10. Socio-Economic</b>					
		Operation	mine site, with some management housed in Atlin.	Nation, RCLC	
122.	SE	Construction Operation Closure	<i>Employment and Contracts.</i> The Proponent policy will be to hire and contract locally subject to competitiveness and capacity. The Proponent is committed to encouraging local employment and business opportunities.	Taku River Tlingit First Nation, RCLC	Ongoing
123.	SE	Construction Operation	<i>Mixed Economy.</i> The Proponent will develop and implement a cultural sensitivity training program with guidance from the Atlin community and Taku River Tlingit First Nation.	RCLC	Ongoing
124.	SE	All phases	Non-recyclable, non-hazardous, non-usable waste will be disposed of on-site, thus eliminating the need to use the community landfill. The Proponent is willing to discuss a potential landfill agreement with the community on this issue in the future should this result in a mutual benefit to all parties.	Environmental Assessment Office, Atlin Advisory Planning Committee, Atlin Improvement District	Ongoing
125.	SE	All phases	The Proponent will meet with Atlin Star Recycling to discuss working together on recycling programs in the Atlin area. The program would most likely consist of the Proponent providing transportation assistance among other possibilities.	Environmental Assessment Office, Atlin Advisory Planning Committee, Atlin Improvement District	Ongoing
126.	SE	All phases	All sewage will be treated on site, thus eliminating any direct impacts of camp sewage on the community of Atlin.	Environmental Assessment Office, Atlin Advisory Planning Committee, Atlin Improvement District	Ongoing
127.	SE	All phases	Recreational facilities for mine workers will be housed on-site, thus eliminating the need for workers to use current Atlin facilities.	Environmental Assessment Office, Atlin Advisory Planning Committee, Atlin Improvement District	Ongoing
128.	SE	All phases	The Proponent will work with the Atlin Improvement District to discuss emergency response plans. If additional training programs are required as a result of the mine operation, a component of initial funding may be provided should the need arise, pending discussion with appropriate government agencies to determine provincial	Environmental Assessment Office, Atlin Advisory Planning Committee, Atlin	Ongoing

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<b>10. Socio-Economic</b>					
			contributions.	Improvement District	
129.	SE	All phases	The Proponent will meet with Atlin ambulance personnel and appropriate provincial agency representatives to discuss level of care at site and any additional service requirements for the community, if requested by the community.	Environmental Assessment Office, Atlin Advisory Planning Committee, Atlin Improvement District	Ongoing
130.	SE	All phases	The Proponent will discuss possible Project impacts with the administrator of the Health Center and whether additional capacity for local services may be required, pending discussion with appropriate government agencies to determine provincial contributions.	Environmental Assessment Office, Atlin Advisory Planning Committee, Atlin Improvement District	Ongoing
131.	SE	Operations	The Proponent is committed to developing an employee orientation training program in 2008.		Ongoing
132.	SE	Operations	The Proponent will produce a clearly articulated company sexual harassment policy with specified enforcement, due process and disciplinary procedures.		Ongoing
133.	SE	Operations	Mobile panic buttons will be made available for female employees if requested and peep holes will be placed in the doors in the female living quarters. Safety plans will be monitored through an Adaptive Management Program and dealt with by The Proponent on an as need basis.		Ongoing
134.	SE	Operations	The mine operation will have strong protocols in place regarding personal safety and harassment, including tolerance policies as per federal and provincial law and regulations. This will include a Human Resources Department with qualified staff to ensure these issues are minimized and dealt with in a “worker friendly” fashion.		Ongoing
135.	SE	Operations	Cultural sensitivity training will be mandatory for all employees of the mine. Training will include: <ul style="list-style-type: none"> <li>• Atlin orientation (northern lifestyles) program;</li> <li>• Tlingit orientation program: Taku River Tlingit First Nation</li> </ul>		Ongoing

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<b>10. Socio-Economic</b>					
			will be included in the program design process (design, method and content) and cultural sensitivity portion of program (message, content, delivery method, and presenter).		
136.	SE	Operations	The Proponent will work with the Taku River Tlingit First Nation to implement the “Elder in Residence” program. All Taku River Tlingit First Nation employees will have access to an Elder in Residence while on-site.		Ongoing
137.	SE	Operations	The Proponent will hire locally whenever possible.		Ongoing
138.	SE	Operations	The Proponent will develop a long-term recruitment, employment and training strategy. This strategy will include on the job training and apprenticeship opportunities.		Ongoing
139.	SE	Operations	The Proponent is committed to working with the Taku River Tlingit First Nation to develop a design for the permanent employee village that will incorporate space for employee visits with the Elder in Residence, counsellor(s) and/or private prayer.		Ongoing
140.	SE	Operations	The Proponent is committed to allowing reasonable flexibility for vacation time and leave of absences linked to preferred times for land-based activities and or schedule of harvesting partner. To allow for continuous mine operation, these events must be planned with The Proponent’s operations staff within a reasonable time prior to the event.		Ongoing
141.	SE	Operations	The Proponent will establish a mine-site catering contract which will reasonably provide for serving traditional food to the Taku River Tlingit First Nation and other employees.		Ongoing
142.	SE	Operations	The Proponent will support Taku River Tlingit First Nation to establish a Tlingit Employee Well-being & Cultural Awareness Program.		Ongoing
143.	SE	Operations	The Proponent will provide shift-change bus service to Atlin on a daily basis. Employees of the mine are permitted to remain in the		Ongoing

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<b>10. Socio-Economic</b>					
			camp or chose to go home at the end of shift.		
144.	SE	Operations	The Proponent will consider an option of a 4-day/10 hour shift for Taku River Tlingit First Nation individuals employed in administrative and technical positions.		Ongoing
145.	SE	Operations	The Proponent will support the Taku River Tlingit First Nation in the establishment of a Financial Management Counselling Program.		Ongoing
146.	SE	Operations	The Proponent will support the Taku River Tlingit First Nation's initiative to create an awareness program which will cover topics such as sexually transmitted diseases, child safety, etc.		Ongoing
147.	SE	Operations	The Proponent will permit mine employees access to off-site counselling services in Atlin. This access will occur when the employee has completed his/her daily shift.		Ongoing
148.	SE	Operations	The Proponent's support of the Taku River Tlingit First Nation's initiative to establish a First Nations bank will be limited to assistance in soliciting support for this concept from applicable financial institutions.		Ongoing
149.	SE	Operations	The Proponent will support Taku River Tlingit First Nation's initiative to establish a Tlingit Cultural Enhancement Program.		Ongoing
150.	SE	Operations	Employee contracts will identify time off for specified First Nations cultural events. To allow for continuous mine operation, these events must be planned with the Proponent's operations staff within a reasonable time prior to the event.		Ongoing
151.	SE	Operations	A culturally appropriate company policy will be established in consultation with the Taku River Tlingit First Nation, concerning employee time off for cultural events and funeral services.		Ongoing
152.	SE	Operations	An optional Tlingit language program may be provided for mine employees, available upon reasonable request.		Ongoing
153.	SE	Operations	The Proponent will discuss with the Taku River Tlingit First Nation wherever possible in the design implementation of mine related environmental mitigation, monitoring programs, and adaptive management plans.  All mine related plans will be produced in accordance with provincial		Ongoing

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<b>10. Socio-Economic</b>					
			and federal regulations and will be implemented by The Proponent.		
154.	SE	Operations	The Proponent will design a “fly-in/fly-out” mine operation to help manage Atlin’s population growth.		Ongoing
155.	SE	Operations	The Proponent will design and deliver periodic workshops and/or information sessions to ensure a proactive approach for training and employment of women, young adults, and male adults with work-related skill issues.		Ongoing
156.	SE	Operations	Reasonable flexibility for worker time off to participate in community related meetings and committees will be incorporated into company policy. To allow for continuous mine operation, these events must be planned with the Proponent’s operations staff within a reasonable time prior to the meeting or committee.		Ongoing
157.	SE	Operations	The Proponent will offer a plan where employees may voluntarily subtract a percentage of their pay (maximum to be determined) which will be placed into a savings plan where the release of the funds from this plan back to said employee would be at his or her discretion.		Ongoing
158.	SE	Operations	The Proponent will support the Taku River Tlingit First Nation’s and Atlin community’s initiative to develop a Community Adaptive Management and Monitoring Plan (CAMMP).		Ongoing
159.	SE	Operations	Prior to closure or a prolonged operation suspension, an exit plan for mine employees will be developed. Employees will be assisted in their search for new employment.		Ongoing
160.	SE	Operations	The Proponent will support Taku River Tlingit First Nation’s initiative to establish a Youth Job Awareness Program.		Ongoing
161.	SE	Operations	The Proponent will support Taku River Tlingit First Nation’s initiative to establish a Community Safety Program.		Ongoing
162.	SE	Operations	The Proponent is committed to providing an overall safety management strategy which will be incorporated as part of the Proponent’s overall mine plan.		Ongoing
163.	SE	Operations	On-site and on the job training and apprenticeship positions, and management training will be provided to support ongoing mine operations.		Ongoing

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<b>10. Socio-Economic</b>					
164.	SE	Operations	Partnerships with community based education facilities (Northern Lights College) will be developed to provide in community training.		Ongoing
165.	SE	Operations	Scholarship funds will be made available for mine or non-mine related education opportunities.		Ongoing
166.	SE	Operations	All contracts will be released to interested individuals and companies at the same time. All parties will have the same amount of time to complete a bid package. Preference will be given to local individuals and contractors subject to competitive pricing and demonstrated capacity to reliably perform the work.		Ongoing

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<b>11. General Design</b>					
167.	GD	Construction	If pre-stripping of overburden within the tailings impoundment exposes previous talus, colluvial soils or basalt rock within 500m of the tailings dam centre line, overburden soils will be placed over these areas and compacted to reduce seepage and piping.	Ministry of Energy Mines and Petroleum Resources	Ongoing
168.	GD	Operations Closure	Process water will be recycled. Hazardous wastes will be transported off-site for disposal at an appropriate disposal facility. Spent grinding balls and liners will be recycled and/or disposed of with regard for regulations, terms, and conditions of permits and the environment	Ministry of Energy Mines and Petroleum Resources	Ongoing
169.	GD	Construction	Test drilling will be conducted on the tailings dam foundation to assess the extent of loose zones.	Ministry of Energy Mines and Petroleum Resources	Ongoing
170.	GD	Construction	The Proponent will implement Best Management Practices during bridge construction on Boulder Creek. Construction will be completed without causing harmful alteration, disruption or destruction of fish habitat. If alteration to the current crossing plan is required, Fisheries and Oceans Canada and Ministry of Environment will be informed and appropriate permits will be acquired, if necessary.	Fisheries and Oceans Canada	Ongoing

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<b>11. General Design</b>					
171.	GD	Operations	Shuttles with trained drivers will be provided to transport workers between the permanent camp and the fly-in landing point. The mine manager will prepare detailed traffic control procedures in accordance with Part 6.8.3 of the Health, Safety and Reclamation Code for Mines in British Columbia to ensure the safe transport of workers.	Ministry of Transportation	Ongoing
172.	GD	Construction	Fuel Storage tanks will be constructed and installed in conformance with all requirements of Canadian Council of Ministers of the Environment. The Environmental Code of Practice for Above Ground Storage Tank Systems Containing Petroleum Products.	Ministry of Environment, Ministry of Energy Mines and Petroleum Resources	Ongoing
173.	GD	Permitting	The Proponent will continue to monitor the geotechnical stability and functionality of the site.	Ministry of Energy Mines and Petroleum Resources	Ongoing
174.	GD	Permitting	Open air roof coverage will be considered in the fuel/hydrocarbon storage design in order to minimize the volume of snow/water removal required from the containment, and to ensure that there is sufficient effective containment capacity within the structure.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
175.	GD	Permitting	A detailed Sediment and Erosion Control Plan will be developed by the Proponent during the permitting stage and implemented throughout construction and operations.	Ministry of Energy Mines and Petroleum Resources	Ongoing
176.	GD	Operation	An occupational health and safety (OH&S) plan will be developed to include, among others, occupational health management, safety committee, and training components.	Ministry of Energy Mines and Petroleum Resources	Ongoing

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<b>12. Environmental Management System</b>					
177.	EMS	Pre-construction	The Proponent will develop the Environmental Management System as outlined in the Environmental Assessment Certificate Application. The proposed Environmental Management Plans within the Environmental Management System will be refined as determined to be necessary through consultation with the relevant regulatory agencies and the Taku River Tlingit First Nation. These refinements will be completed within a mutually agreed upon time period from the issuance of the Certificate, if one is issued.	Ministry of Environment	Ongoing

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<b>12. Environmental Management System</b>					
			In terms of timing, this will be treated with appropriate urgency.		
178.	EMS	Permitting	The prevention, containment, mitigation and monitoring plans will be included in the Environmental Management System and will provide in detail all areas of concern.	Ministry of Environment	Ongoing
179.	EMS	Construction Operations	Any monitoring program response requirements will be defined in the Environmental Management System.	Ministry of Environment	Ongoing
180.	EMS	Operations Closure	Operational and post-closure monitoring programs will be developed in consultation with Ministry of Environment. Results of monitoring programs will be used to assess the long term impacts of the waste rock dumps and open pit and to provide a basis for additional mitigative action.	Ministry of Environment	Ongoing
181.	EMS	Permitting Construction Operations Closure	The Proponent will work in co-operation with the Ministry of Environment to establish an appropriate air quality monitoring program and to monitor air quality in Atlin.	Ministry of Environment	Ongoing
182.	EMS	Permitting Construction Operations Closure	The Proponent will outline the terms and conditions under which environmental monitors will work during construction, operations and closure, as part of the Environmental Management System.	Ministry of Environment	Ongoing
183.	EMS	Operation Closure	A reclamation plan will be implemented, monitored and updated regularly. Plant species will be assessed and chosen to minimize contaminant transfer from vegetation to wildlife, and to minimize the potential introduction of invasive plant species.	Ministry of Energy Mines and Petroleum Resources	Ongoing

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<b>13. Closure Plan</b>					
184.	CP	Operations	Temporary mine closure activities will commence within 1 year of the	Ministry of Energy Mines	Ongoing

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<b>13. Closure Plan</b>					
			termination of commercial production	and Petroleum Resources	
185.	CP	Closure	The Proponent will either mill or haul and dispose of low grade ore into the Ruby Creek open pit prior to temporary or early shutdown	Ministry of Energy Mines and Petroleum Resources	Ongoing
186.	CP	Operations Closure	The Proponent will initiate reclamation of the dump during the last 5 years of operation.	Ministry of Energy Mines and Petroleum Resources	Ongoing
187.	CP	Closure	As required, the Proponent will flood the pit using the water from the tailings impoundment to expedite pit infilling.	Ministry of Energy Mines and Petroleum Resources	Ongoing
188.	CP	Construction Operation	Conduct reclamation and environmental protection monitoring during construction and operations.	Ministry of Energy Mines and Petroleum Resources, Ministry of Environment	Ongoing
189.	CP	Permitting	A comprehensive reclamation cost estimate will be provided.	Ministry of Energy Mines and Petroleum Resources	Complete
190.	CP	Permitting	Parameters to be monitored in the premature closure program will be determined in consultation with the Ministry of Environment at the time of permitting	Ministry of Environment	Ongoing