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18 SUMMARY OF ABORIGINAL GROUPS INFORMATION

18.1 Overview

This section summarizes the potential effects of the Project on asserted Aboriginal rights in the Project area, as well as specific accommodation measures including design considerations, mitigation measures, and specific commitments to address those effects.

Asserted Aboriginal rights in the Project area were identified through a variety of sources including consultation meetings and correspondence with Aboriginal groups, traditional land use studies, interviews and discussions with Aboriginal community members, and review of secondary sources such as previous environmental assessments, ethnographic studies, legal cases, and other publicly available information.

The Proponent understands that the identification of asserted Aboriginal rights that could be affected by the Project is ongoing and will continue its efforts in this regard. As new information about Aboriginal rights is shared, the Proponent will endeavour to work with Aboriginal groups to determine whether the Project has the potential to affect these rights and, if so, to develop mitigation and avoidance measures.

Further information on asserted rights of potentially affected Aboriginal groups, and corresponding mitigation to address Project-related effects is available in **Section 15**. In addition, **Section 16** contains detailed information regarding potential effects on other Aboriginal interests with respect to potential social, economic, environmental, heritage, and health effects and how these interests have been addressed. Proposed environmental management plans and mitigation measures are available in **Section 12** and **Section 20** respectively.

Table 18.2-1 to **Table 18.10-1** summarize the potential effects of the Project as they pertain to each Aboriginal group and the accommodation measures including design considerations, mitigation measures, and specific commitments that address those potential effects.

18.2 Lhoosk'uz Dene Nation

Table 18.2-1: Lhoosk'uz Dene Nation (LDN) – Summary of Potential Effects on Aboriginal Activities and Accommodation Measures

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on fishing activities resulting from changes in water quality or sediment</p>	<p>Additional surface and groundwater monitoring stations were established as part of the baseline program.</p> <p>Ensuring the mine site is located outside of the Blackwater river watershed</p> <p>Results of all water quality sampling have been and will continue to be posted for working group and Aboriginal groups review.</p> <p>Water will be monitored on an ongoing basis throughout the life of the Project and post-closure. The Proponent is committed to employing LDN members for on-going environmental monitoring of the exploration program.</p> <p>Surface water and sediment quality will meet applicable provincial and federal standards downstream of the proposed mine site to avoid effects on fish, furbearers, or animals that use those waters.</p> <p>The proposed mine site will aim to operate as a zero discharge facility during operations and closure.</p> <p>Erosion and sediment control measures will be implemented to protect erodible soils from entering waterbodies.</p> <p>Implementing design and operational procedures to limit risks associated with malfunctions and accidents.</p> <p>Establishing a group including affected Aboriginal group representatives to discuss access management for the transmission line corridor and the mine site.</p> <p>Implementing of Environmental Management Plans, addressing mine water management; water quality and liquid discharges management; transportation and access management; emergency and spill preparedness and response; landscape, soils, and vegetation management and restoration; erosion and sediment control; aquatic resources management; and wetlands.</p> <p>Implementing of a Country Food Monitoring Plan around the Project mine site to monitor species that represent potential pathways for metals concentrations in country foods. Monitoring will determine metals concentrations in specific indicator plants, small mammals, large mammals, and fish. Sampling will be undertaken during the beginning of Year -2 of mine construction (no emissions but dust would be monitored), and then at operations Years 3, 8, and 15, and Year 24 during the closure phase. This proposed schedule reflects the belief that there will be minimal change if any to baseline levels. If testing determines that levels are changing in a material way, further consultation and planning to address necessary mitigation measures would be undertaken with regulators and First Nations.</p> <p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>
<p>Potential effects on fishing activities resulting from disruption of fish and fish habitat and access to the upper reaches of Davison Creek</p>	<p>Unavoidable losses of fish and fish habitat on the mine site will be offset with 'in-kind' and 'out-of-kind' habitat restoration, enhancement, and creation; primarily within LDN traditional territory.</p> <p>Fish salvage and translocation will reduce loss of fish.</p> <p>Pump water from Tatelkuz Lake to a water reservoir below the ECD to meet instream flow needs in Davidson Creek. Commence flow maintenance immediately prior to the start of Project-induced flow reductions and operate through the operations and closure phases until the TSF discharges to Davidson Creek.</p>

BLACKWATER GOLD PROJECT

APPLICATION FOR AN
ENVIRONMENTAL ASSESSMENT CERTIFICATE
ENVIRONMENTAL IMPACT STATEMENT
SUMMARY OF ABORIGINAL GROUPS INFORMATION



Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on hunting activities resulting from disruption of caribou and caribou habitat due to mine site footprint</p>	<p>Minimizing the Project footprint. Tailings storage facility and access road to mine was redesigned to avoid ungulate winter range. The Caribou Sub-working Group has been established by BC EAO, and has met to review baseline and assessment methods. Developing mitigation and avoidance strategies through ongoing discussions with the Caribou Sub-working Group. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Setting reclamation goals to re-establish later winter habitat. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site. Minimizing ground disturbance and damage to vegetation in areas adjacent to footprints by flagging or fencing of sensitive habitats. Modifying the timing of clearing trees in lichen conifer forest habitat where caribou may feed. Implementing progressive reclamation using local native vegetation wherever possible. Restoring disturbed habitats at mine closure or development of habitats capable of supporting caribou. Implementing caribou awareness and protocols in regular safety and environmental orientations performed by the Project. Implementing invasive plant management techniques as defined in the Invasive Species Management Plan. Implementing dust control measures as defined in the Air Quality and Emissions Management Plan. Enforcing speed limits along mine access roads and implement best management practices for road maintenance to reduce potential wildlife collisions. Prohibiting mine employees from hunting on mine site property. Implementing Environmental Management Plans addressing wildlife management; caribou management; transportation and access management; landscape, soils, and vegetation management and restoration; and invasive species management. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. The Proponent is committed to employing LDN members for on-going environmental monitoring of the exploration program.</p>
<p>Potential effects on trapping activities resulting from potential reduction in access or availability of land for trapping and other traditional activities.</p>	<p>Minimizing the Project footprint. The Proponent met with all trapline and Keyoh holders in the proposed mine site area and has adjusted the mine infrastructure and exploration program based on comments. The Proponent will continue to discuss potential Project affects on trapping and other traditional uses with affected Aboriginal communities throughout the life the Project. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site. Compensating affected provincially-registered trapline holders in accordance with industry and provincial protocols with associated proof of lost revenue. Informing holders of affected trapline areas and Keyohs of Project activities, schedules, and locations. Locating and maintaining breaks in the rollback to facilitate access to trapping trails during clearing, where appropriate. Disposing of wastes generated on site to limit the attraction of wildlife to the mine site (Industrial and Domestic Waste Management Plan). Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Prohibiting mine employees from trapping, hunting or fishing on mine site property. Implementing the respective Environmental Management Plans, addressing air quality and emissions management; transportation and access management; landscape, soils, and vegetation management and restoration; and wildlife management.</p>

Potential Effects on Aboriginal Activities	Accommodation Measures
	<p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p> <p>The Proponent is committed to employing LDN members for on-going environmental monitoring of the exploration program.</p>
<p>Potential effects on gathering activities resulting from potential loss or change in access to areas for plant harvesting and potential contamination from dust.</p>	<p>Minimizing the Project footprint.</p> <p>Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site.</p> <p>Implementing Environmental Management Plans to reduce dust deposition, nitrogen deposition, and invasive species proliferation (Air Quality and Emissions Management Plan; Transportation and Access Management Plan; Landscape, Soils, and Vegetation Management and Restoration Plan; Invasive Species Management Plan).</p> <p>Including traditional use plant species habitat in reclamation prescriptions.</p> <p>Implementing design and operational procedures to limit risks associated with malfunctions and accidents.</p> <p>Implementing a no plant harvesting policy for all workers while resident at the work site.</p> <p>Implementation of a Country Food Monitoring Plan around the Project mine site to monitor species that represent potential pathways for metals concentrations in country foods. Monitoring will determine metals concentrations in specific indicator plants, small mammals, large mammals, and fish. Sampling will be undertaken during the beginning of Year -2 of mine construction (no emissions but dust would be monitored), and then at operations Years 3, 8, and 15, and Year 24 during the closure phase. This proposed schedule reflects the belief that there will be minimal change if any to baseline levels. If testing determines that levels are changing in a material way, then further consultation and planning to address necessary mitigation measures would be undertaken with regulators and First Nations.</p> <p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p> <p>The Proponent will continue to discuss potential Project effects on traditional activities with affected Aboriginal communities throughout the life the Project.</p> <p>The Proponent is committed to employing LDN members for on-going environmental monitoring of the exploration program.</p>
<p>Potential disturbance or changes in access to traditional and archaeological sites.</p>	<p>Archaeological and traditional sites have been documented and a chance find procedure incorporated into the Archaeological and Heritage Resources Management Plan (AHRMP). Identified LDN sacred and culturally sensitive sites are outside of the Project area.</p> <p>Implementing Environmental Management Plans addressing archaeology and heritage resources management.</p> <p>Informing workers of sensitive cultural areas, and implementing a policy of reporting and respectful use;</p> <p>Implementing Environmental Management Plans addressing air quality and emissions management, transportation and access management, and visual resources and aesthetics management to address potential noise, emissions, and effects on visual resources.</p> <p>Developing alternative access plans with Aboriginal groups, where access to or use of specific cultural sites needs to be altered or is impeded.</p>

Note: TK/TLU = Traditional Knowledge / Traditional Land Use;
 BC EAO = British Columbia Environmental Assessment Office; LDN = Lhoosk'uz Dene Nation

18.3 Nadleh Whut'en First Nation

Table 18.3-1: Nadleh Whut'en First Nation – Summary of Potential Effects on Aboriginal Activities and Accommodations Measures

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on fishing activities resulting from potential disturbance on the Nechako River from the transmission line crossing, including effects to salmon, white sturgeon and water quality</p>	<p>Water will be monitored on an ongoing basis throughout the life of the Project and post-closure. Results of all water quality sampling will continue to be posted for working group and Aboriginal groups review.</p> <p>Surface water and sediment quality will meet applicable provincial and federal standards to avoid effects on fish, furbearers, or animals that use those waters.</p> <p>Establish a group including affected Aboriginal group representatives to discuss access management for the transmission line corridor and the mine site</p> <p>Erosion and sediment control measures, including erosion control matting, rip rap, and hydro seeding, will be used to protect erodible soils from entering the water.</p> <p>Silt fencing will be used to limit sediments reaching fish-bearing streams.</p> <p>Grader operations will follow guidelines to prevent sediment deposition.</p> <p>Instream works will be avoided or minimized.</p> <p>Clear-span bridges or open bottom culverts will be installed at all new fish bearing stream crossings.</p> <p>Disturbance to riparian vegetation will be minimized within a 15 m wide buffer strip around fish-bearing streams.</p> <p>In riparian areas, trees growing near the transmission line cable will be pruned or topped, while leaving the stumps and root wads in place.</p> <p>Disturbed areas will be stabilized, vegetated, and/or seeded with native species as soon as possible after disturbance.</p> <p>An emergency spill response kit will be kept on-site during construction and closure.</p> <p>Fuels will be stored, and refuelling will be conducted outside of riparian areas at all times.</p> <p>Measures will be taken to ensure that machinery arrives on-site in a clean condition and is maintained free of fluid leaks.</p> <p>Implementation of the Project Environmental Management Plans addressing mine water management; water quality and liquid discharges management; transportation and access management; emergency and spill preparedness and response; landscape, soils, and vegetation management and restoration; erosion and sediment control; aquatic resources management; fish habitat compensation; and wetlands management.</p> <p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>
<p>Potential effects on hunting of moose and other ungulates</p>	<p>Minimizing the Project footprint.</p> <p>Participating in regional wildlife and resource management initiatives (specifically for ungulates).</p> <p>Prohibiting mine employees from hunting on mine site property.</p> <p>Implementing the respective Environmental Management Plans, addressing wildlife management; landscape, soils, and vegetation management and restoration; and transportation and access management. Issues such as road kill, displacement, and an increase in mortality due to increased predator access will be addressed in these Management Plans.</p> <p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p> <p>Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site.</p> <p>Participating in regional wildlife and resource management initiatives (specifically for ungulates).</p> <p>Setting reclamation goals to re-establish later winter habitat.</p> <p>Minimizing ground disturbance and damage to vegetation in areas adjacent to footprints by flagging or fencing of sensitive habitats.</p>

Note: TK/TLU = Traditional Knowledge / Traditional Land Use.

18.4 Saik'uz First Nation

Table 18.4-1: Saik'uz First Nation (SFN) – Summary of Potential Effects on Aboriginal Activities and Accommodations Measures

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on fishing activities resulting from disruption of waterbodies from the transmission line crossings that could affect water quality and access to fishing.</p>	<p>No fishing activities by SFN members have been identified within the areas potentially affected by the Project. Water will be monitored on an ongoing basis throughout the life of the Project and post-closure. Results of all water quality sampling will continue to be posted for working group and Aboriginal groups review. Surface water and sediment quality will meet applicable provincial and federal standards. Implementing erosion and sediment control measures, including erosion control matting, rip rap, and hydro seeding, to protect erodible soils from entering waterbodies. Silt fencing will be used to limit sediments reaching fish-bearing streams. Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Establishing a group including affected Aboriginal group representatives to discuss access management for the transmission line corridor and the mine site. Implementing Environmental Management Plans addressing mine water management; water quality and liquid discharges management; transportation and access management; emergency and spill preparedness and response; landscape, soils, and vegetation management and restoration; erosion and sediment control; aquatic resources management; and wetlands management. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>
<p>Potential effects on hunting activities resulting from potential disruption of moose population</p>	<p>No moose hunting by SFN members has been identified as occurring within the Project area. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Prohibiting mine employees from hunting on mine site property. Implementing the respective Environmental Management Plans, addressing wildlife management; landscape, soils, and vegetation management and restoration; and transportation and access management. Issues such as road kill, displacement, and an increase in mortality due to increased predator access will be addressed in these Management Plans. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>
<p>Potential effects on hunting activities resulting from potential disruption of black bear populations</p>	<p>Minimizing the Project footprint. The transmission line will avoid sensitive wildlife habitat. Prohibiting mine employees from hunting on mine site property. Redesigning the Tailings storage facility and mine access road to avoid ungulate winter range. Setting reclamation goals to re-establish later winter habitat. Participating in regional wildlife and resource management initiatives. Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Implementing the respective Environmental Management Plans addressing wildlife management; landscape, soils, and vegetation management and restoration; and transportation and access management. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on trapping activities resulting from disruption of, or access to, trapping areas within Keyoh, including provincially-registered traplines held by SFN members</p>	<p>The Proponent will continue to discuss potential Project effects on trapping and other traditional uses with affected Aboriginal communities throughout the life the Project.</p> <p>Project site design that minimizes total footprint area.</p> <p>Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site.</p> <p>Compensating affected provincially-registered trapline holders in accordance with industry and provincial protocols with associated proof of lost revenue.</p> <p>Informing holders of affected trapline areas and Keyohs of Project activities, schedules, and locations.</p> <p>Locating and maintaining breaks in the rollback to facilitate access to trapping trails during clearing, where possible.</p> <p>Disposing of wastes generated on-site to limit the attraction of wildlife to the mine site (Industrial and Domestic Waste Management Plan).</p> <p>Implementing design and operational procedures to limit risks associated with malfunctions and accidents.</p> <p>Prohibiting mine employees from trapping on mine site property.</p> <p>Implementing the Environmental Management Plans addressing air quality and emissions management; transportation and access management; landscape, soils, and vegetation management and restoration, and wildlife management.</p> <p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p> <p>Proponent has provided funding to SFN to complete a Traditional Land Use study. When provided, information will be integrated into the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases.</p>
<p>Potential effects on gathering activities resulting from disturbance of some medicinal plants and berry-gathering areas by transmission line and access road.</p>	<p>Minimizing the Project footprint.</p> <p>The Proponent will continue to discuss potential Project effects on traditional activities with affected Aboriginal communities throughout the life the Project.</p> <p>Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site.</p> <p>Implementing Environmental Management Plans to reduce dust deposition, nitrogen deposition, and invasive species proliferation (Air Quality and Emissions Management Plan; Transportation and Access Management Plan; Landscape, Soils, and Vegetation Management and Restoration Plan; Invasive Species Management Plan).</p> <p>Including traditional use plant species habitat in reclamation prescriptions.</p> <p>Implementing design and operational procedures to limit risks associated with malfunctions and accidents.</p> <p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. Implementing a no plant harvesting policy for all workers while resident at the work site.</p> <p>Proponent has provided funding to SFN to complete a Traditional Land Use study. When provided, information will be integrated into the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases.</p>

Note: TK/TLU = Traditional Knowledge / Traditional Land Use;
 BC EAO = British Columbia Environmental Assessment Office; SFN = Saik'uz First Nation.

18.5 Stellat'en First Nation

Table 18.5-1: *Stellat'en First Nation (StFN) – Summary of Potential Effects on Aboriginal Activities and Accommodations Measures*

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on fishing activities resulting from potential effect on water quality and salmon from Stellako River transmission line crossing</p>	<p>Water flow and water quality in the Stellako River will not be affected by the mine site or transmission line. Water will be monitored on an ongoing basis throughout the life of the Project and post-closure. Results of all water quality sampling will continue to be posted for working group and Aboriginal groups review. Surface water and sediment quality will meet applicable provincial and federal standards to avoid effects on fish, furbearers, or animals that use those waters. The proposed mine site will aim to operate as a zero discharge facility during operations and closure. Erosion and sediment control measures, including erosion control matting, rip rap, and hydro seeding, will be implemented to protect erodible soils from entering waterbodies. Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site. Implementation of Environmental Management Plans, addressing mine water management; water quality and liquid discharges management; transportation and access management; emergency and spill preparedness and response; landscape, soils, and vegetation management and restoration; erosion and sediment control; aquatic resources management; and wetlands management. Mitigation for access to fishing areas is not required as there are no changes to access to areas known to be used for fishing for traditional purposes. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>
<p>Potential effects on hunting activities resulting from potential disturbance of wildlife habitat around the Stellako River transmission line crossing.</p>	<p>The Proponent re-routed transmission line to avoid sensitive wildlife habitat adjacent to the Stellako River. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Implementing Environmental Management Plans addressing air quality and emissions management; transportation and access management; landscape, soils, and vegetation management and restoration; and wildlife management.</p>

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on hunting activities resulting from disruption of caribou and caribou habitat due to mine site footprint</p>	<p>Minimizing the Project footprint. Tailings storage facility and access road to mine was redesigned to avoid ungulate winter range. The Caribou Sub-working Group has been established by BC EAO, and has met to review baseline and assessment methods. Developing mitigation and avoidance strategies through ongoing discussions with the Caribou Sub-working Group. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Setting reclamation goals to re-establish later winter habitat. Minimizing ground disturbance and damage to vegetation in areas adjacent to footprints by flagging or fencing of sensitive habitats. Modifying the timing of clearing trees in lichen conifer forest habitat where caribou may feed. Implementing progressive reclamation using local native vegetation wherever possible. Restoring disturbed habitats at mine closure or development of habitats capable of supporting caribou. Implementing caribou awareness and protocols in regular safety and environmental orientations performed by the Project. Implementing invasive plant management techniques as defined in the Invasive Species Management Plan. Implementing dust control measures as defined in the Air Quality and Emissions Management Plan. Enforcing speed limits along mine access roads and implement best management practices for road maintenance to reduce potential wildlife collisions. Prohibiting mine employees from hunting on mine site property. Implementation of the Environmental Management Plans addressing wildlife management; Caribou Management; transportation and access management; and landscape, soils, and vegetation management and restoration. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. StFN traditional territory is outside the caribou LSA and RSA.</p>
<p>Potential effects on trapping activities resulting from potential reduction in access or availability of land for trapping in areas that are overlapped by the transmission line</p>	<p>Minimizing the Project footprint. The Proponent will continue to discuss potential Project affects on trapping with affected Aboriginal communities throughout the life the Project. Project site design that minimizes total footprint area. Establishing a group including affected Aboriginal group representatives to discuss access management for the transmission line corridor and the mine site. Compensating affected provincially-registered trapline holders in accordance with industry and provincial protocols with associated proof of lost revenue. Informing holders of affected trapline areas of Project activities, schedules, and locations. Locating and maintaining breaks in the rollback to facilitate access to trapping trails during clearing, where possible. Disposing of wastes generated on-site to limit the attraction of wildlife to the mine site (Industrial and Domestic Waste Management Plan). Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Implementing Environmental Management Plans addressing air quality and emissions management; transportation and access management; landscape, soils, and vegetation management and restoration; and wildlife management. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. Proponent has provided funding to StFN to complete a Traditional Land Use study. When provided, information will be integrated into the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases.</p>

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on gathering activities resulting from potential loss of some berry harvesting areas by the constructions of the transmission line</p>	<p>Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site.</p> <p>The Proponent will continue to discuss potential Project affects with Affected Aboriginal groups throughout the life the Project.</p> <p>Minimizing the Project footprint.</p> <p>Implement Environmental Management Plans to reduce dust deposition, nitrogen deposition, and invasive species proliferation (Air Quality and Emissions Management Plan; Transportation and Access Management Plan; Landscape, Soils, and Vegetation Management and Restoration Plan; and Invasive Species Management Plan).</p> <p>Include traditional use plant species habitat in reclamation prescriptions.</p> <p>Implement a no plant harvesting policy for all workers while resident at the work site.</p> <p>Implementing design and operational procedures to limit risks associated with malfunctions and accidents.</p> <p>Information from the Traditional Land Use study, when provided, will be integrated into the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases.</p>

Note: TK/TLU = Traditional Knowledge / Traditional Land Use;
 BC EAO = British Columbia Environmental Assessment Office; StFN = Stellat'en First Nation.

18.6 Ulkatcho First Nation

Table 18.6-1: *Ulkatcho First Nation (UFN) – Summary of Potential Effects on Aboriginal Activities and Accommodations Measures*

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on hunting activities resulting from disruption of caribou and caribou habitat due to mine site footprint</p>	<p>Minimizing the Project footprint. Tailings storage facility and access road to mine was redesigned to avoid ungulate winter range. The Caribou Sub-working Group has been established by BC EAO and has met to review baseline and assessment methods. Developing mitigation and avoidance strategies through ongoing discussions with the Caribou Sub-working Group. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Setting reclamation goals to re-establish later winter habitat. Minimizing ground disturbance and damage to vegetation in areas adjacent to footprints by flagging or fencing of sensitive habitats. Modifying the timing of clearing trees in lichen conifer forest habitat where caribou may feed. Implementing progressive reclamation using local native vegetation wherever possible. Restoring disturbed habitats at mine closure or development of habitats capable of supporting caribou. Implementing caribou awareness and protocols in regular safety and environmental orientations performed by the Project. Implementing invasive plant management techniques as defined in the Invasive Species Management Plan. Implementing dust control measures as defined in the Air Quality and Emissions Management Plan. Enforcing speed limits along mine access roads and implement best management practices for road maintenance to reduce potential wildlife collisions. Prohibiting mine employees from hunting on mine site property. Implementing of the Environmental Management Plans addressing wildlife management; caribou management; transportation and access management; and landscape, soils, and vegetation management and restoration. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site</p>
<p>Potential effects on hunting activities resulting from reduction in ungulates habitat (other than caribou) and increased access for non-Aboriginal hunters.</p>	<p>Minimizing the Project footprint. The Proponent has been and will continue to work with UFN to avoid/minimize effects on traditional hunting locations. Prohibiting mine employees from hunting on mine site property. Redesigning the Tailings storage facility and mine access road to avoid ungulate winter range. Setting reclamation goals to re-establish later winter habitat. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Disposing of wastes generated on site to limit the attraction of wildlife to the mine site. Implementing Environmental Management Plans, addressing Wildlife Management; Landscape, Soils, and Vegetation Management and Restoration; Industrial and Domestic Waste Management; and Transportation and Access Management. Issues such as road kill, displacement, and an increase in mortality due to increased predator access will be addressed in these Management Plans. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site</p>

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on gathering activities resulting from potential loss or change in access to areas for morel mushroom and plant harvesting.</p>	<p>Minimizing the Project footprint. The Proponent has been and will continue to discuss potential Project effects with UFN throughout the life of the Project. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Implementing Environmental Management Plans to reduce dust deposition, nitrogen deposition, and invasive species proliferation (Air Quality and Emissions Management Plan; Transportation and Access Management Plan; Landscape, Soils, and Vegetation Management and Restoration Plan; Invasive Species Management Plan). Including traditional use plant species habitat in reclamation prescriptions. Implementing a no plant harvesting policy for all workers while resident at the work site. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>
<p>Potential effects on trapping activities resulting from potential reduction in access or availability of land for trapping.</p>	<p>The Proponent will continue to discuss potential Project affects on trapping and other traditional uses with affected Aboriginal communities throughout the life the Project. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site. Restrict access to the area where the mine site will be developed. Project site design that minimizes total footprint area. Compensating affected provincially-registered trapline holders in accordance with industry and provincial protocols with associated proof of lost revenue. Informing holders of affected trapline areas of Project activities, schedules, and locations. Locating and maintaining breaks in the rollback to facilitate access to trapping trails during clearing. Disposing of wastes generated on site to limit the attraction of wildlife to the mine site (Industrial and Domestic Waste Management Plan). Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Implementing Environmental Management Plans addressing air quality and emissions management; transportation and access management; landscape, soils, and vegetation management and restoration; and wildlife management. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on fishing activities resulting from damage to fish stocks and spawning areas due to contaminants, turbidity, and temperature changes on waterbodies</p>	<p>Unavoidable losses of fish and fish habitat on the mine site will be offset with 'in-kind' and 'out-of-kind' habitat restoration, enhancement, and creation; primarily within LDN traditional territory. Fish salvage and translocation will reduce loss of fish.</p> <p>Pump water from Tatelkuz Lake to a water reservoir below the ECD to meet instream flow needs in Davidson Creek. Commence flow maintenance immediately prior to the start of Project-induced flow reductions and operate through the operations and closure phases until the TSF discharges to Davidson Creek.</p> <p>Ongoing surface and groundwater monitoring for the life of the Project.</p> <p>Results of all water quality sampling will continue to be posted for working group and Aboriginal groups review.</p> <p>Surface water and sediment quality will meet applicable provincial and federal standards downstream of the proposed mine site to avoid effects on fish, furbearers, or animals that use those waters.</p> <p>The proposed mine site will aim to operate as a zero discharge facility during operations and closure.</p> <p>Implement erosion and sediment control measures, including erosion control matting, rip rap, and hydro seeding, to protect erodible soils from entering waterbodies.</p> <p>Implementing design and operational procedures to limit risks associated with malfunctions and accidents.</p> <p>Implement Environmental Management Plans, addressing Mine Water Management; Water Quality and Liquid Discharges Management; Transportation and Access Management; Emergency and Spill Preparedness and Response; Landscape, Soils, and Vegetation Management and Restoration; Erosion and Sediment Control; Aquatic Resources Management; Fish Habitat Compensation; and Wetlands Management.</p> <p>Implementation of a Country Food Monitoring Plan around the Project mine site. Monitoring will determine metals concentrations in specific indicator plants, small mammals, large mammals, and fish. Sampling will be undertaken during the beginning of Year -2 of mine construction (no emissions but dust would be monitored), and then at operations Years 3, 8, and 15, and Year 24 during the closure phase. This proposed schedule reflects the belief that there will be minimal change if any to baseline levels. If testing determines that levels are changing in a material way, then the testing schedule will be revised</p> <p>Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>

Note: TK/TLU = Traditional Knowledge / Traditional Land Use;
 BC EAO = British Columbia Environmental Assessment Office; UFN = Ulkatcho First Nation.

18.7 Nazko First Nation

Table 18.7-1: Nazko First Nation (NFN) – Summary of Potential Effects on Aboriginal Activities and Accommodations Measures

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on hunting activities resulting from disruption of caribou and caribou habitat due to mine site footprint.</p>	<p>Minimizing the Project footprint. Tailings storage facility and access road to mine was redesigned to avoid ungulate winter range. The Caribou Sub-working Group has been established by BC EAO and has met to review baseline and assessment methods. Developing mitigation and avoidance strategies through ongoing discussions with the Caribou Sub-working Group. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Setting reclamation goals to re-establish later winter habitat. Minimizing ground disturbance and damage to vegetation in areas adjacent to footprints by flagging or fencing of sensitive habitats. Modifying the timing of clearing trees in lichen conifer forest habitat where caribou may feed. Implementing progressive reclamation using local native vegetation wherever possible. Restoring disturbed habitats at mine closure or development of habitats capable of supporting caribou. Implementing caribou awareness and protocols in regular safety and environmental orientations performed by the Project. Implementing invasive plant management techniques as defined in the Invasive Species Management Plan. Implementing dust control measures as defined in the Air Quality and Emissions Management Plan. Enforcing speed limits along mine access roads and implement best management practices for road maintenance to reduce potential wildlife collisions. Prohibiting mine employees from hunting on mine site property. Implementation of the Environmental Management Plans addressing wildlife management; caribou management; transportation and access management; and landscape, soils, and vegetation management and restoration. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. NFN traditional territory is outside the caribou LSA.</p>
<p>Potential effects on hunting activities resulting from effects on moose population</p>	<p>Minimizing the Project footprint. Redesigning the Tailings storage facility and mine access road to avoid ungulate winter range. Setting reclamation goals to re-establish later winter habitat. Participating in regional wildlife and resource management initiatives (specifically for ungulates). Prohibiting mine employees from hunting on mine site property. Disposing of wastes generated on site to limit the attraction of wildlife to the mine site. Implementing the respective Environmental Management Plans, addressing wildlife management; landscape, soils, and vegetation management and restoration; and transportation and access management. Issues such as road kill, displacement, and an increase in mortality due to increased predator access will be addressed in these Management Plans. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>

Potential Effects on Aboriginal Activities	Accommodation Measures
<p>Potential effects on gathering and spiritual activities resulting from dust contamination of medicinal plants that are harvested</p>	<p>Minimizing the Project footprint. Establish an Access Management Working Group with key stakeholders and potentially affected Aboriginal representatives to discuss access management for the transmission line corridor and the mine site Implement Environmental Management Plans to reduce dust deposition, nitrogen deposition, and invasive species proliferation (Air Quality and Emissions Management Plan; Transportation and Access Management Plan; Landscape, Soils, and Vegetation Management and Restoration Plan; Invasive Species Management Plan). Include traditional use plant species habitat in reclamation prescriptions. Implement design and operational procedures to limit risks associated with malfunctions and accidents. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with.</p>
<p>Potential effects on fishing activities resulting from changes in water quality or sediment that may affect fish populations</p>	<p>Surface water and sediment quality will meet provincial and federal standards so as not to affect fish. Water will be further monitored on an ongoing basis throughout the life of the Project and post-closure. Results of all water quality sampling will continue to be posted for working group and Aboriginal groups review. Implement erosion and sediment control measures, including erosion control matting, rip rap, and hydro seeding to protect erodible soils from entering waterbodies. The proposed mine site will aim to operate as a zero discharge facility during operations and closure. Implementing design and operational procedures to limit risks associated with malfunctions and accidents. Implement Environmental Management Plans, addressing mine water management; water quality and liquid discharges management; transportation and access management; emergency and spill preparedness and response; landscape, soils, and vegetation management and restoration; erosion and sediment control; aquatic resources management; and wetlands management. Implementing a TK/TLU Committee with participation of the Aboriginal Groups on which territories the Project is located to monitor that commitments made by the Proponent in regards to TK/TLU are being complied with. No effects are expected on Trout Lake.</p>

Note: TK/TLU = Traditional Knowledge / Traditional Land Use;
 BC EAO = British Columbia Environmental Assessment Office; NFN = Nazko First Nation.

18.8 Skin Tyee First Nation

Table 18.8-1: Skin Tyee First Nation (STN) – Summary of Potential Effects on Aboriginal Activities and Accommodations Measures

Potential Effects on Aboriginal Activities	Accommodation Measures
Potential effects on fishing activities resulting from potential disruption of fishing activities in the Project area	At the time of writing this report, no specific rights or resources were identified as being potentially impacted by the Project. The Proponent continues to work with the STN to complete a traditional land use study to better understand potential effects on STN rights and interests. The Proponent will consider this information as it becomes available and incorporate it in the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases. General mitigation measures to avoid or minimize potential Project effects on fish and fish habitat are summarized in Section 20.
Potential disruption of hunting activities in the Project area	No specific information about hunting activities within the Project area has been identified. The Proponent continues to work with the STN to complete a traditional land use study and will consider this information as it becomes available in the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases . General mitigation measures to avoid or minimize potential Project effects on wildlife and current land and resource use for traditional purposes including hunting activities are summarized in Section 20.
Potential effect on gathering activities resulting from potential loss or change in access to areas for plant harvesting	No specific information about STN plant gathering sites within the Project area has been identified. The Proponent continues to work with the STN to complete a traditional land use study and will consider this information as it becomes available in the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases. General mitigation measures to avoid or minimize potential Project effects on ecosystem composition, plant species and ecosystem at risk and current land and resource use for traditional purposes including plant gathering are summarized in Section 20.

Note: STN= Skin Tyee Nation.

18.9 Tsilhqot'in National Government

It is anticipated that the Project would have no impacts on the exercise of rights of the Tsilhqot'in Nation. The proposed Project falls within the Engagement Zone A, as defined in the Tsilhqot'in Framework Agreement. Activities in this area have none or low perceived impacts on Tsilhqot'in Nation members' Aboriginal rights as described in **Section 15**. General mitigation measures to avoid or minimize potential Project effects are summarized in **Section 20**.

18.10 Métis Nation BC

Table 18.10-1: Métis Nation BC (MNBC) – Summary of Potential Effects on Aboriginal Activities and Accommodations Measures

Potential Effects on Aboriginal Activities	Accommodation Measures
Potential disruption of fishing activities in the Project area	The MNBC asserts Aboriginal rights over the entire province but has not provided any information on specific land uses in the Project area. The Proponent will continue to consider information on MNBC rights and interests as it becomes available and will incorporate it in the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases. General mitigation measures to avoid or minimize potential Project effects on fish and fish habitat are summarized in Section 20.
Potential disruption of hunting activities in the Project area	No specific information about hunting activities within the Project area has been identified. The Proponent will continue to consider information on MNBC rights and interests as it becomes available and will incorporate it in the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases. General mitigation measures to avoid or minimize potential Project effects on wildlife and current land and resource use for traditional purposes including hunting activities are summarized in Section 20.
Potential loss or change in access to areas for plant harvesting	No specific information about MNBC plant gathering sites within the Project area has been identified. The Proponent will continue to consider information on MNBC rights and interests as it becomes available and will incorporate it in the Project design, execution, management plans, and monitoring in subsequent stages of the Project development including the Application review phase, the permitting phase, and the Project construction, operations, closure, and post-closure phases. General mitigation measures to avoid or minimize potential Project effects on ecosystem composition, plant species and ecosystem at risk and current land and resource use for traditional purposes including plant gathering are summarized in Section 20.

Note: MNBC= Métis Nation BC.