WILDLIFE

TENAS PROJECT

Telkwa Mining Assessed the Potential Project Related Effects on the Wildlife Valued Component

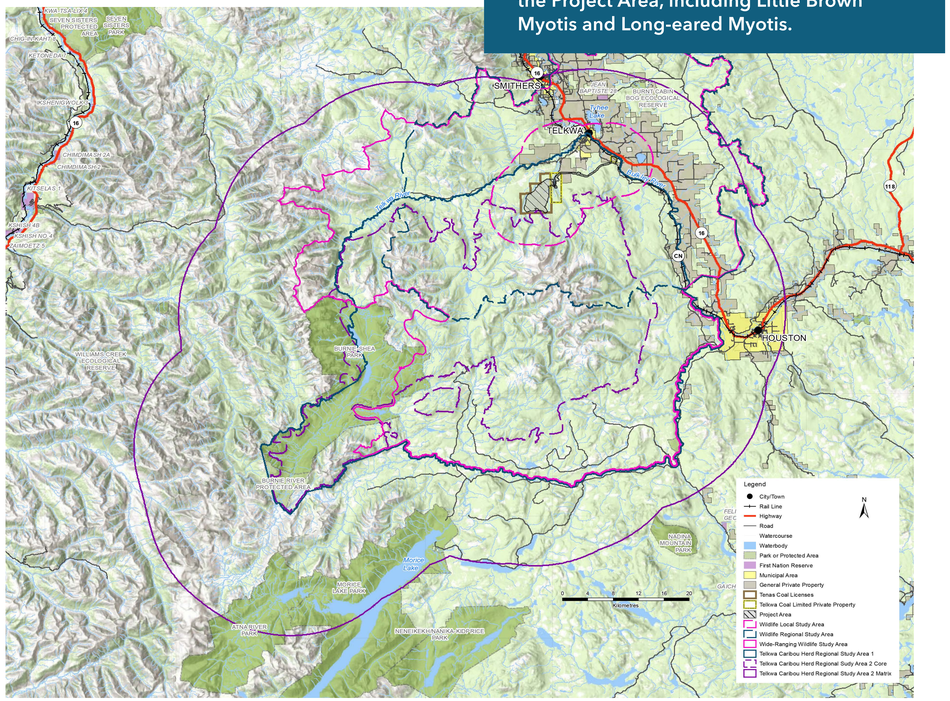
Valued Component	Subcomponent	Potential Effects Assessed
Wildlife	Furbearers, Caribou, Grizzly Bear, Moose, Bats, and Western Toad	• Alteration and/or loss of habitat • Change in mortality • Change in movement patterns

- The Project Area is used by Moose, Deer, Black Bear, Grizzly Bear, Wolf, Lynx, Coyote and Elk.
- Caribou were not detected within the Project Area during the two years of baseline studies.
- Western toad, Columbia spotted frog, long-toed salamander, and wood frog were detected in the Project Area during surveys.
- Several species of bats were identified in the Project Area, including Little Brown Myotis and Long-eared Myotis.

The baseline covered several study areas.

Field assessments, surveys and mapping were completed from 2017– 2019.

- Wildlife Study Areas provide a variety of aquatic and terrestrial habitats.
- These Study Areas have an anthropogenic footprint that includes the Village of Telkwa, part of the Town of Smithers, and overlap with the Highway 16 corridor and associated road, powerline, and rail systems.
- Agricultural land use and rural residences are common at lower elevations, while higher elevation areas have a history of forestry activities and other natural resource exploration and development.



Example Mitigation Measures

- The Project is designed to avoid sensitive environments such as known wetland and riparian areas.
- Project features will be placed within existing or planned Project component footprints to limit the clearing of vegetation.
- Least-risk timing windows will be used to avoid Project activities during sensitive time periods.
- The Project footprint boundaries, sensitive habitats and identified wildlife features will be clearly delineated by flagging and/or fencing.
- Traffic and access control measures will be implemented.
- A policy prohibiting hunting within the Project Area will be established and enforced.
- A Wildlife Education Program will be implemented for employees, visitors, and contractors in accordance with the Wildlife Management Plan.

Residual Effects

- Residual effects are not expected to alter the integrity of the Wildlife Valued Component within the study areas to a point where it is not able to sustain regional populations and contribute to ecological functionality.

TELKWA MINING LIMITED







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