

CCI - Potential Project Impacts and Proposed Mitigation Measures		
Resource/Topic	Potential Impact	Mitigation
Terrain / Permafrost	Contamination of terrain/permafrost and, surface and ground water due to fuel spills. Accidental fuel spills.	Site will be left in a stable state. Proper storage of fuel containers and use of drip pans. See appended Spill Contingency Plan.
Hydrology	Contamination of creeks/rivers/lakes due to accidental fuel spills. Contamination due to improper waste water disposal.	Proper storage of fuel containers and use of drip pans. See appended Spill Contingency Plan. Black water to be stored in proper containers and incinerated using two stage incineration facility. Settling ponds used for drilling waste water.
Fish and Fish Habitat	Contamination of fish habitat due to accidental fuel spills. Contamination due to improper waste water disposal.	Proper storage of fuel containers and use of drip pans. See appended Spill Contingency Plan. Black water to be stored in proper containers and incinerated using two stage incineration facility. Settling ponds used for drilling waste water.
Vegetation	Minor compaction of vegetation caused walking on the ground mapping. Minor disturbance due to soil sampling. Some disturbance due to establishment of temporary exploration camp and temporary drilling pads.	Any organic materials and non-contaminated soils displaced for camp/drilling areas will be replaced upon completion of the program to their original location. Any vegetation removed for camp construction purposes will be reclaimed if possible or incinerated if not.
Wildlife and Wildlife Habitat	Wildlife: short-term aircraft noise, human interaction, short-term drilling noise. Habitat: minor affects from surface sampling, some disturbance due to establishment of temporary exploration camp and temporary drilling pads.	Personnel training on wildlife-human interaction/encounters. Any critical or sensitive wildlife species encountered during the exploration season, such as nesting raptors in the area, will be avoided by a 10 m buffer zone. Field activities will stop should sensitive wildlife such as caribou approach crews etc. until animals move elsewhere. A local wildlife monitor will be employed during exploration activities for safety and activity monitoring purposes. Camp and drilling areas will be reclaimed upon completion of program.

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Wildlife and Wildlife Habitat	Disturbance of wildlife from low-level aircraft activities.	Low-level aircraft activity will be restricted in accordance with the terms and conditions of licenses and permits. Drilling rig moves, etc., will only occur once sensitive species are clear of the area.
Socio-economics	Positive impacts. Personnel actively employed from local communities if initial results positive and scope of project increases.	N/A