

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

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Three study sites will be selected within Sylvia Grinnell Territorial Park to represent environmental variability across the landscape. At three sites, two contrasting soil fertility conditions will be identified:•Mineral soils associated with silty deposits, generally well-drained and relatively low in organic matter;•Organic soils characterized by high water saturation and accumulation of organic matter.Soil sampling will be conducted to characterize edaphic conditions. Three soil cores per fertility condition will be collected (10 cm depth, 6 cm diameter). This represents a small and localized disturbance. All sampling locations will be restored immediately after collection by refilling holes with surrounding substrate, thereby maintaining surface integrity.

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Four shrub species will be targeted: Salix arctica (prostrated shrub), Salix reticulata (prostrated shrub), Salix richardsonii (erect shrub), Betula glandulosa (erect shrub). These species does not belong to endangered species list.

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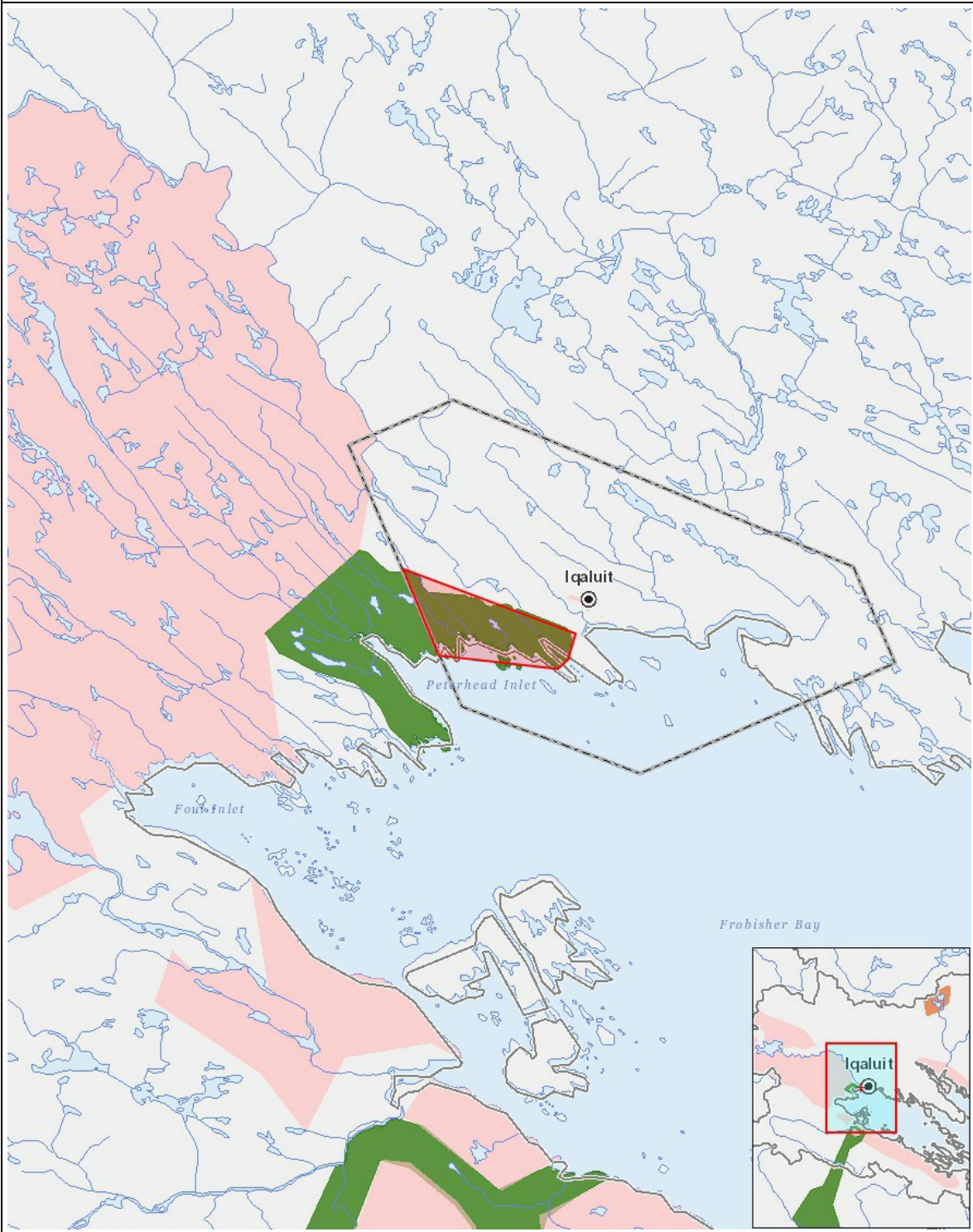
We will propose to arctic college to hire one person of the community to show us the sampling sites and explain the environment.

Miscellaneous Project Information

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The project is designed to have minimal environmental impact. Vegetation sampling is non-destructive and limited in scope. Soil sampling is small in scale and all sites are restored immediately after sampling. Temporary sensors will be removed after use, and no permanent infrastructure will be installed.Access to the park will be conducted by ATV, while all activities within study sites will be performed on foot to minimize disturbance. No hazardous substances will be introduced into the environment.

Cumulative Effects



List of Project Geometries

1	polygon	Area where three plant sampling sites will be chosen
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