

Operations Phase: from 2026-06-27 to 2036-06-27

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Solar Resource Monitoring Station	Researching	Municipal	Within municipal boundary of Cambridge Bay	N/A	Within municipal boundary of Cambridge Bay

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Information is not available			

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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Pre-disturbed area within boundary of Cambridge Bay

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Rocky, pre-disturbed area. Moss, lichen, small herbaceous plants.

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Within municipal limits of Cambridge Bay

Miscellaneous Project Information

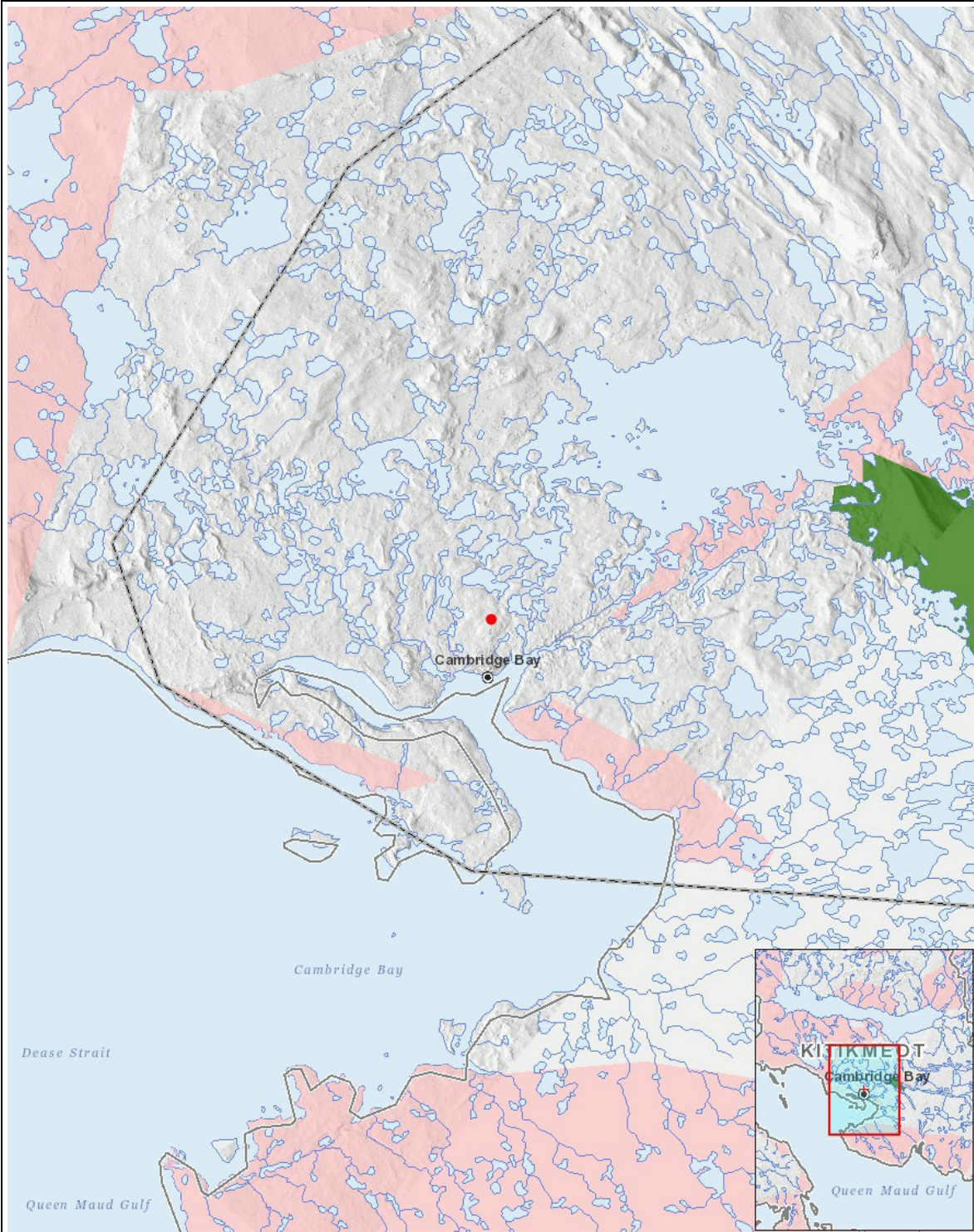
The intent of the project is to collect solar resource data, which will be published to a public portal. There are very few solar resource ground stations in the Arctic, so this data will provide valuable insights on solar radiation variability, and can be used to improve large weather models over polar regions. The data can also be used to support renewable energy integration in Arctic communities.

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Potential environmental impacts are very low. The monitoring equipment is non-invasive, and will be placed on the ground (no groundwork or digging required). The sensors will be collecting data on solar radiation, temperature, wind, humidity, snow depth, air pressure, and precipitation. The site will be restored to its present condition at the end of the project.

Cumulative Effects

N/A



List of Project Geometries

1	point	Solar Resource Monitoring Station
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