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Assessing changing cryohydrogeologic conditions with locally-relevant landscape indicators in Nunavut, Canada

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New

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Scientific Research

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Tuesday, October 28, 2025

Period of operation:

from 2025-10-25 to 2027-12-27

ᐃᓴᓂᓪᓴᓄᓪ:

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ᐱᓐᓂᓐᓂᓐ	Kukik Baker (Executive Director)	Aqqiumavvik Society	2024-11-20
ᐱᓐᓂᓐᓂᓐ	Darryl Baker (Inuit Educator)	Aqqiumavvik Society	2024-11-21
ᐱᓐᓂᓐᓂᓐ	Alex Ishalook (Chair) + 4 Board Members	Arviat Hunters and Trappers Organization	2024-11-21
ᐱᓐᓂᓐᓂᓐ	Jimmy Muckpah (SmartICE Operations and Knowledge Coordinator, Aqqiumavvik Society – Arviat)	Aqqiumavvik Society	2024-11-20
ᐱᓐᓂᓐᓂᓐ	Lucas Owljoot (SmartICE Knowledge Coordinator, Aqqiumavvik Society – Arviat)	Aqqiumavvik Society	2024-11-20
ᐱᓐᓂᓐᓂᓐ	Dr. Katherine Wilson (Director of Knowledge Co-Production)	SmartICE	2024-11-18
ᐱᓐᓂᓐᓂᓐ	John Main (Member of Cabinet, Arviat North-Whale Cove Constituency)	Member of the Legislative Assembly	2024-11-22
ᐅᓐᓂᓐᓂᓐ	Atuat Shouldice	Crown-Indigenous Relations and Northern Affairs Canada	2025-06-04
ᐅᓐᓂᓐᓂᓐ	Kyle Amsel	Crown-Indigenous Relations and Northern Affairs Canada	2025-06-04
ᐱᓐᓂᓐᓂᓐ	Christine Wilson	Environment and Climate Change Canada	2025-09-27
ᐱᓐᓂᓐᓂᓐ	Oliver Shipton (Mayor of Whale Cove, Wildlife Officer)	Hamlet of Whale Cove	2025-10-15
ᐱᓐᓂᓐᓂᓐ	Tooma Nakushuk	Hamlet of Coral Harbour	2025-10-24

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



List of Project Geometries

- | | | |
|---|---------|--|
| 1 | polygon | Arviat - Itiguarjuit (rolling hills) overflow area |
| 2 | polygon | Arviat - Amaruqtalik (wolf esker) overflow area |
| 3 | polygon | Rankin Inlet - overflow area #1 |
| 4 | polygon | Rankin Inlet - overflow area #2 |
| 5 | polygon | Coral Harbour - Mamittuittuq overflow area |
| 6 | polygon | Iqaluit - overflow area #1 |
| 7 | polygon | Whale Cove - overflow area |