



ᓄᓇᑭᓪ ᐃᓚᓕᓕᓐᓂᐃᓂᓂᓪ ᓅᓂᓕᓐᓂᓪ ᐅᓂᓕᓕᓐᓂᓪ #126496

Hilamiut: Wind and Solar Resource Assessment Project - Kugaaruk

ᐅᓂᓕᓕᓐᓂᓪ
ᓂᓄᐃᓂᓪᓂᓪ:

New

ᐱᓕᓕᓕᓕᓂᓪᓂᓪ
ᓂᓄᐃᓂᓪᓂᓪ:

Scientific Research

ᐅᓂᓂᓪ
ᐅᓂᓕᓕᓐᓂᓪᓂᓪ:

Wednesday, September 9, 2026

Period of operation:

from 2026-10-01 to 2028-10-01

ᐱᓕᓕᓕᓂᓪᓂᓪ:

Tom Rutherford
Aurora Energy Solutions
47 Natic Street P.O. Box 2343
Cambridge Bay Nunavut X0B 0C0
Nunavut
ᐅᓂᓂᓪᓂᓪ: (867) 391-1206, ᓂᓂᓂᓪ:

ፍጹሙ ለሥራ ለሥራ ለሥራ ለሥራ ለሥራ

▷ ΔΑΝΩΣ: N/A

Δ_{ab}Π_c: Pending

Inuinnaqtun: N/A

Personnel on site: 1

Days on site: 38

Total Person days: 38

Operations Phase: from 2026-09-15 to 2026-09-30

Operations Phase: from 2026-10-01 to 2028-10-01

Closure Phase: from 2028-10-01 to 2028-10-31

Post-Closure Phase: from to

Λ Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

[illegible][illegible]

ᐃᑦᓕᓯᔭᖅ	ᐱᑦᓂᖅ	ᐆᐳᖅᐸᐸᐆᓂᑎᓴᓯᔭᖅ	ᖅᓴᓴᐳ ᐳᖅᑎᐳᐳᐳᐱᐸᓴᓯᖅᓂᖅ
dĭᖅᓴᖅ	Matt O'Halloran	Hamlet of Kugaaruk	2026-08-19
dĭᖅᓴᖅ	Community wide engagement	Hamlet of Kugaaruk	2025-11-25
dĭᖅᓴᖅ	Pauli Illuitok	Hamlet of Kugaaruk	2024-05-29

ᑕᐃᑦᑭᑦ ᐱᑭᑦᐅᑦ ᐊᑦᑦᑕᐅᑭᑦ

ᐊᑦᑦᑕᐅᑭᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦ:

Kitikmeot

ᑕᐃᑦᑭᑦ ᐱᑭᑦᐅᑦ ᐊᑦᑦᑕᐅᑭᑦ

ᑕᐃᑦᑭᑦ ᐱᑭᑦᐅᑦ ᐊᑦᑦᑕᐅᑭᑦ ᐊᑦᑦᑕᐅᑭᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦ	ᑕᐃᑦᑭᑦ ᐱᑭᑦᐅᑦ ᐊᑦᑦᑕᐅᑭᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ	ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ	ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ	ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ
ᐊᑦᑦᑕ	Hamlet Land Use Approval	Applied, Decision Pending		

Project transportation types

Transportation Type	ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ	Length of Use
Air	Flight for 2 staff to Kugaaruk to install the equipment	
Land	Pick-up truck for transportation to the site during equipment installation. Use of ATV/truck/snowmobile for operation and maintenance.	

Project accomodation types

ᐱᑕᑦᐅᑦᐅᑦᐅᑦᐅᑦ

[illegible][illegible]

$\Delta L^{\text{sb}} \triangleleft \text{D}^{\text{sb}} \text{C} \triangleright \text{V} \dot{\text{L}}^{\text{sb}} \text{D}^{\text{sb}}$

ᐅᓪᓂ ᑕᐱᑦ ᐱᐅᑦᑕᐅᓂᐱᑦᑕᑦ	ᑦᓄᑦ ᐱᐅᑦᑕᑦᑕᓂᓂᐱᑦᑕᑦ	ᐱᐅᑦ ᐱᐅᑦᑕᑦᑕᓂᓂᐱᑦᑕᑦ
0	No water required	No water required

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

ᐱᓪᑲ ᐸᐅᑎᐸ ᖃᓄᐸᕈᓚᑎᐸᓴᓴ: ᓄᐅᐸ ᖃᓄᐸᕈᓴᓴ

Flat, rocky ground; away from water sources; broadly supported by stakeholders and community at large.

ᐱᓪᑲ ᐃᑦᑎᐅᔭ ᖃᓄᐃᕐᑐᕐᑕᑎᐅᓂᓴᓚ: ᐅᐱᕐᑕᖃᓂᓴᓂᓴ

No significant wildlife, harvesting or known archaeological conflicts were identified for the site during the 2025 engagement

L'e <EN>' bəΔ^CD⁻lɒσ^s: Δfɾnσ^sj^sɪʔ⁻Λe-ɾɳɾnσ^sj^sɪʔ^s

Site is located within municipal boundaries and has a small footprint. Several individuals have been identified in the community to support with routine operation and maintenance activity.

Miscellaneous Project Information

[illegible]

Community feedback directly influenced the final site selection. The selected site avoids important drinking water sources, provides year-round access, minimizes interference with community activities, and is located outside known harvesting, archaeological, and culturally significant areas.

Cumulative Effects

None expected

Impacts

ደጋፊ ልማት ምዕራባዊ ልማት ልማት ልማት

		PHYSICAL												BIOLOGICAL												SOCIO-ECONOMIC																
		Designated environmental areas				Ground stability		Permafrost	Hydrology / Limnology		Water quality		Climate conditions		Eskers and other unique or fragile landscapes		Surface and bedrock geology		Sediment and soil quality		Tidal processes and bathymetry		Air quality	Noise levels	Vegetation		Wildlife, including habitat and migration patterns		Birds, including habitat and migration patterns		Aquatic species, incl. habitat and migration/spawning		Wildlife protected areas		Archaeological and cultural historic sites		Employment	Community wellness		Community infrastructure		Human health
ከፍተኛ																																										
Equipment installation		-	-	-	-	-	-	-	-	-	M	-	-	-	M		M	-	-	-	-	-			-		-				P	-	P	-	-							
በከፍተኛ ርቀት																																										
Equipment installation		-	-	-	-	-	-	-	-	-	-	-	-	M		-	-	-	-	-	-	-			-		P	-		P	-	-										
አጠቃላይ																																										
-		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-			-		-				-	-	-	-	-							

(P = ልማት ልማት ልማት, N = ልማት ልማት ልማት ልማት ልማት, M = ልማት ልማት ልማት ልማት ልማት ልማት, U = ልማት ልማት ልማት ልማት ልማት ልማት)