# Canada – Inuit Nunangat – United Kingdom Arctic Research Programme 2021-2025

## ᑯᑦᑐᒥ ᐃᒪᖅ ᐃᖏᕐᕋᓐᖏᖅᑎᓂᓄᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᒥᑦᓴᐅᓴᖅᑕᐅᓂᖅᑐ ᐃᖅᓗᐃᑦ ᑯᖅᓯᓂ

## *A Component of the REMIROCaN Project*

ᐱᓇᓯᐊᖅᑎᖅᖅᓯᑎᑦ ᖃᑭᖅᑕᓗᓄᖅ ᑯᐊᐸᓱᓴᖅᓂᑦ ᐊᓯᒪᓕᖅ ᓄᓇᕗᑦ ᓄᑭᑦᓴᐅᑎᑦ ᑯᐊᐸᓱᓴᖅᓂᑦ
ᑕᒪᓐᓇ ᐱᓇᓯᐊᖅᑕᐅᓂᖅᑐ ᐊᖏᕐᕈᑕᐅᓯᒪᔪᖅ ᓄᓇᕗᑦᓗ ᖃᐅᔨᓴᖅᑐᑕᓱᒃᑯᓂᓄᑦ.

CINUK
CANADA – INUIT NUNANGAT – UNITED KINGDOM ARCTIC RESEARCH PROGRAMME

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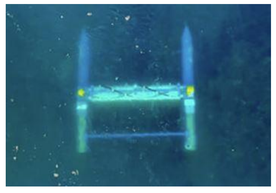
**ᐃᒪᖅ ᐃᖏᕐᕋᓐᖏᖅᑎᓂᓄᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᓯᓚᑐᓂ:**

- ᐃᖏᕐᕋᓐᖏᖅᑎᖅᓴᐅᔪᓂ **ᑯᑦᑐᐊᓕ ᓯᕗᓪᓕ**, **ᐃᒪᖅ ᐃᖏᕐᕋᓐᖏᖅᑎᓂᓄᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ** ᐊᖏᕐᓂᖅᓴᐅᓂᓪᓚᑦ.
- ᐃᒪᖅ ᐃᖏᕐᕋᓐᖏᖅᑎᓂᓄᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑐᒃᖅᓂᖅ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᔪᖅ **ᐃᖅᓗᓂᓂ** ᐊᒪᓗᐃᑦ **ᐃᖅᑲᓂᕐᒪᖅᓯᑐᓂᖅ** ᑕᓯᓗᓂᑦ ᑯᑎᑦ ᓯᒋᑦᑐᐃᐅᓂᖅᑯᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑐᐅᓴᖅᑐᑦ.
- ᑕᒪᓐᓇ **ᐃᓕᓴᐅᓂᖅᓂᖓ** ᐃᒪᖅ ᐃᖏᕐᕋᓐᖏᖅᑎᓂᓄᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓂ ᐸᐅᑎᖏᑎᑕ ᐊᐅᓪᓚᖅᓂᖓ, ᐊᑦᖁᑦᑕᐅᓂᖅᓂᖓ, ᐊᒪᓚᓗ ᓴᓇᕐᐅᑎᓯᖅᑕᐅᓯᒪᔪᖅ **1.3%** ᑐᐃᓐᓇᐅᑎᐊᖓ ᐅᖃᓕᓂᐊᖅᑐᓂ ᐃᓕᓴᐅᓂᖅᑐᓂ.

### ᖃᓄᐃᑦᑐᒍᓐᓇᖅᓂᖓ ᑯᑦᑐᒥ ᐃᒪᖏᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐸᐅᑎᖏᓐᓂ

ORPC ᑯᑦᑐᒥ ᐃᑯᒪᖅᑯᑎᒋᐅᓕᖅᓂᖅ (40 kW):

- ᐃᓚᖏᖅᑎᐅᑦ, ᐊᓯᔪᖅ
- ᐅᖅᑯᓇᓗᑐᙵᓂᓂᖅᓴᐅᓯᐅᖅᑐᑦ ᓄᓇᕗᓐᓂ 50%ᒥ
- ᓄᓇᕗᓪᓄᑦ ᐊᐅᓯᑕᐅᓯᖅ

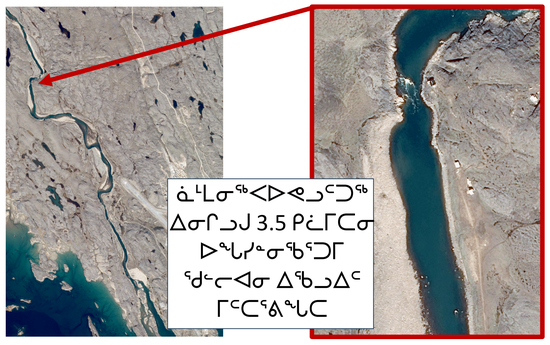


## ᐃᓗᓕᕆᖅᑐᒥᓂᖅ ᑲᑎᕐᖅᓯᐃᓂᖅᖃᑦ

### ᐱᓇᓯᐊᕈᑕᐅᓂᖓ ᐃᓗᓕᕆᖅᑐᒥᓂᖅ ᑲᑎᕐᖅᓯᐃᓂᕐᒥ

- ᓴᓪᑕᓕᑐᖅᑐᖅ ᑎᐋᒥᐊᑲᓕᑦ ᐊᐅᓯᑕᐅᓯᒪᔪᖅ ᐅᒥᐊᖅ

### ᖃᐅᔨᓴᖅᓯᐅᓪᓚᑦ ᓇᒧᓐᓂᖓ




### ᓯᓇᒃᑯᑦᑐ ᐊᑐᖅᑕᐅᔪᑦ

**ᐃᖏᕐᕋᓐᖏᖅᑎᓂᓄᑦ ᖃᐅᔨᓴᐅᑎ (ADCP)**

ᐊᑐᖅᐸᑦᑐᖅ ᓂᐱᒥᒃ ᖃᐅᔨᓴᑕᑎᖃᓯᓂ:

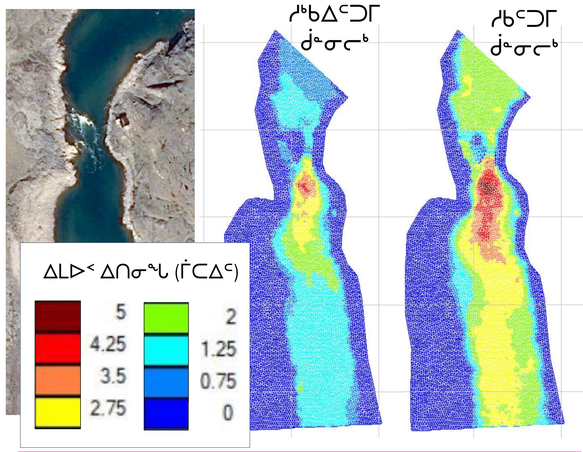
- ᓯᓚᓂᓂᓂᑦ ᓇᒧᓪᓚ ᐃᖏᕐᕋᓂᓂᓂᑦ ᐃᒪᐅᑦ
- ᐃᑎᓂᓂᓂᑦ ᐃᒪᐅᑦ
- ᓯᙆᑐᑎᓂᓂᓂᑦ ᑯᑦᑐᒧᒪᑦ

**RTK-GPS**

- ᐱᓵᓪᓕᓗᐊᓗᓵᓂᖅᑐᖅ ᓇᒪᔪᓂᓂᓂᑦ ᓯᓇᒃᑯᓯᓯᐊᕐᓂᕐᒥ ᐃᖏᕐᕋᓇᖅᑐᖃᖏᓂᖅᓴᐅᓂᖅ ᖃᐅᔨᓴᖅᑕᐅᓂᖅᑐᑦ ᑲᑎᕐᖅᓯᐃᓂᖅᑐᑦ

# ᖃᖅᐅᔨᓴᐅᒥᓂᑦᓂ ᓄᐃᑎᑕᐅᔪᑦ

## ᑭᑕᐅᖅᑕᐅᓯᒪᔪᖅ ᐃᒪᐅᑉ ᐃᑎᓂᖓ



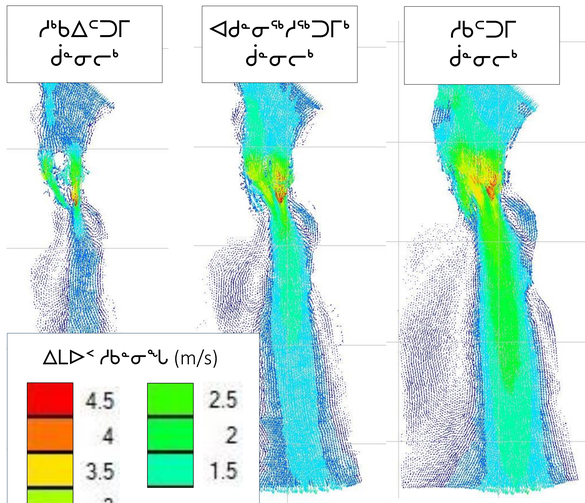

ᓄᐃᑎᑕᐅᔪᓂ ᖃᐅᔨᓴᐅᑎᓄᑦ ᑲᑎᖃᖅᓯᑕᐅᔪᑦ ᑐᑭᓯᓯᐊᕐᓂᖅᓴᓂᓪᓚ ᑐᑭᓯᐅᔪᖅᑐᓂᓪᓚ ᓄᓇᕗᓐᓄᑦ (ᓄᓇᕗᓐᓂᓄ ᐅᒪᓕᕐᓂᐊᖅᑎᑦ ᑲᑎᖃᖅᓯᑕᐅᓂᖅᑐᑦ ᓄᓇᕗᓐᓂᓄ ᐊᖏᕐᕈᑕᐅᓯᒪᔪᖅ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐊᒥᓱᓂᖅᓯᑕᐅᓂᖅᑐᑦ). ᓄᓇᕗᓐᓂᖅᑐᖅ ᓇᒻᒥᓂᖃᖅᑎᑕᐅᓂᖅᓴᐅᓂᖅᑐᑦ ᑲᑎᖃᖅᓯᐃᓂᖅᑐᑦᓂᓂᑦ.

### ᓇᓚᒃᓂᓂᖅᐸᐅᓪᓕᑦᑐᖅ ᐃᓂᒋᓪᓚᔪ ᐊᓱᑦᓂᐊᓂ ᐃᖃᖅᑲᓇᖅ

ᑯᓂᓪᓕᖅ ᓄᓇᕗᑦᑐᑦᓂᓪᓕᖅᓂᖅ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐊᖏᕐᕈᑕᐅᓯᒪᔪᖅ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐊᒥᓱᓂᖅᓯᑕᐅᓂᖅᑐᑦ.

ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐊᒥᓱᓂᖅᓯᑕᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐃᖅᑲᓂᕐᒪᖅᓯᑐᓂᖅ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ

## ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ




## ᓇᓚᒃᓂᓂᖅᐸᐅᓪᓕᑦᑐᖅ ᐃᓂᒋᓪᓚᔪ ᐊᓱᑦᓂᐊᓂ ᐃᖃᖅᑲᓇᖅ

ᐃᒪᖅ ᐃᖏᕐᕋᓐᖏᖅᑎᓂᓄᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐊᒥᓱᓂᖅᓯᑕᐅᓂᖅᑐᑦ **ᐊᐅᓚᓂᖅᑲᓪᓚᔪᓂᓂᖅᓴᐅᓯᐅᖅᑐᑦ ᑯᑦᑐᒥ ᐃᓂᒋᓪᓚ** (ᐸᐅᑎᖓ ᐋᖅᑕᐅᖅᑕᑦᑕᔪᓂᓂᖅᓴᐅᓯᐅᖅᑐᑦ).

ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᒪᓕᓂᓪᓚᔪ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᖃᐅᔨᓴᐅᓂᖅᑐᖅᑐᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ

## ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐃᓕᓴᐅᓂᖅᑐᑦ ᐊᑦᑐᐃᓂᖅᖃᖏᓂᖅᓴᐅᓂᖅᑐᑦ ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐊᒥᓱᓂᖅᓯᑕᐅᓂᖅᑐᑦ ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐊᒥᓱᓂᖅᓯᑕᐅᓂᖅᑐᑦ

ᐃᓚᖏᖅᑎᐅᑦ ᐃᑯᒪᖅᑯᑎᒋᐅᑕᐅᔪᓐᓇᖅᓯᓂᓄᑦ ᐊᒥᓱᓂᖅᓯᑕᐅᓂᖅᑐᑦ