ᐸᑦᑕᓐᒪᑦᑎᑦ ᐱᓕᑎᐊᓴᖅ

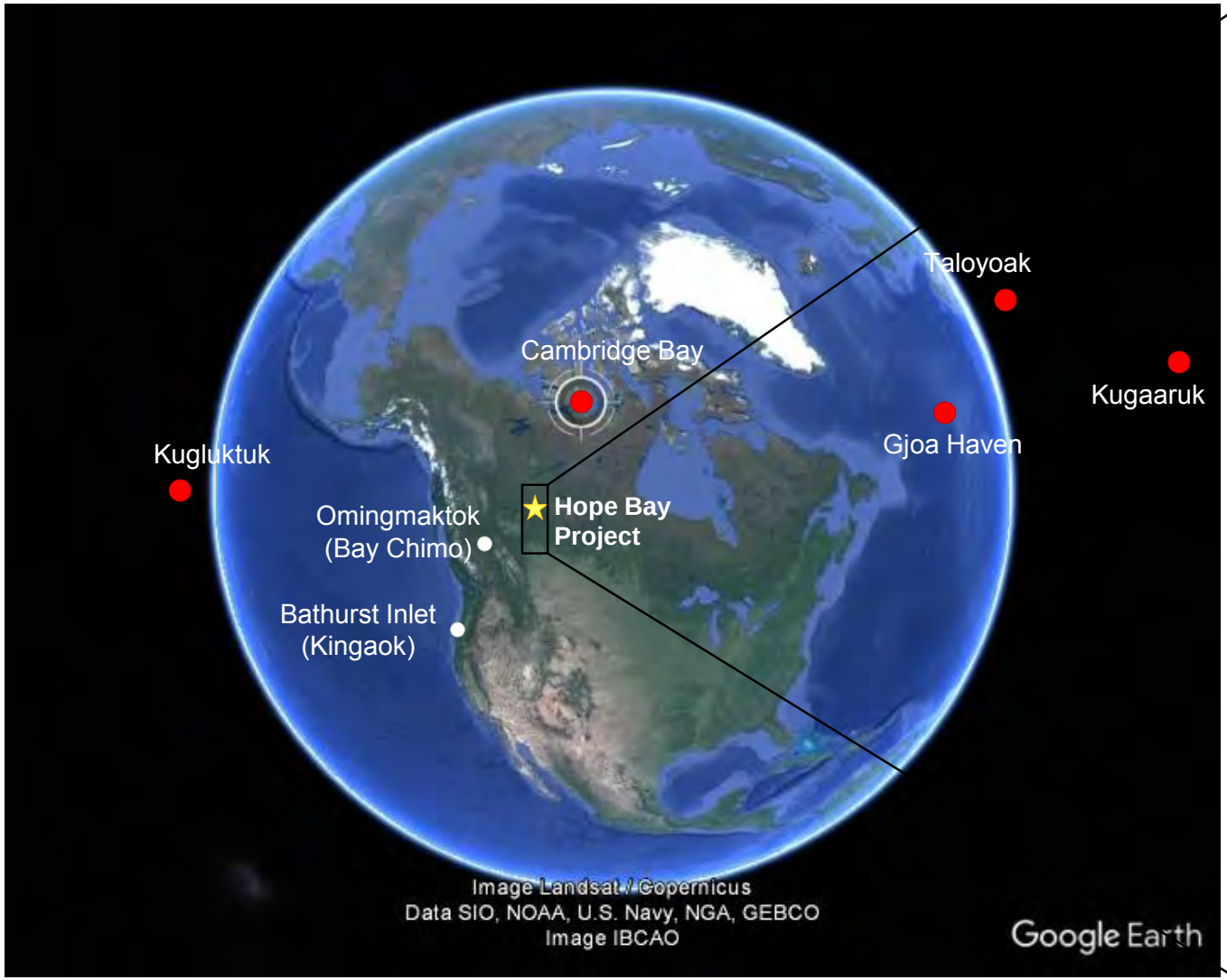
ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᑦ ᑲᑎᒪᔨᖏᑦ ᑭᖑᓪᓕᒃᑯᑦ ᑲᑎᒪᓂᖅ

ᓄᓇᒋᔭᒥ ᑲᑎᒪᓂᖅ

TMAC ᐅᔭᕋᓐᓂᐊᕐᕕᒃ

ᐃᖃᓗᑦᑑᑎᐊᖅ, ᓄᓇᕗᑦ ᐅᒃᑐᐱᕆ 2018

ᐱᓕᕆᐊᑉ ᓇᓃᓐᓂᖓ


Taloyoak
Cambridge Bay
Kugaaruk
Gjoa Haven
Kugluktuk
Omingmaktok
(Bay Chimo)
Hope Bay
Project
Bathurst Inlet
(Kingaok)
Image Landsat / Copernicus
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image IBCAO
Google Earth

Doris
Madrid
North
Madrid
South
Boston

ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᑐᐊᕆᔅ ᐱᓕᕆᐊᓴᖓᓄᑦ(No.003 and 2AM-DOH1323)

ᒫᓐᓇᐅᔪᖅ ᐱᔪᓐᓇᐅᑎᖃᖅᑐᑦ ᐊᒻᒪ ᓚᐃᓴᓐᓯᖃᖅᑐᑦ - Doris-ᒥ

ᐱᓕᕆᔪᓐᓇᕈᑕᐅᔪᖅ ᐊᓕᓚᔫᖅ

- **ᑐᓂᔭᐅᔪᖅ** 2006-**ᒥ**, **ᐋᖅᑭᒋᐊᖅᑕᐅᔪᖅ** 2016-**ᒥ**
  - **ᓴᓇᒋᐊᕈᓐᓇᕐᓯᑎᑕᐅᓂᖕᒋᑦ**, **ᐱᕙᓪᓕᐊᔪᓐᓇᖅᓯᑎᑕᐅᓂᖕᒋᑦ**, **ᐱᔪᓐᓇᖅᓯᑎᑕᐅᓂᖕᒋᑦ**, **ᒪᑐᔭᐅᓂᖕᒐ**
  - **ᐊᕙᑎᒃᑎᓐᓄᑦ ᓴᐳᑦᑎᔾᔪᑎᑦ ᒪᓕᒃᑎᐊᕐᑐᑦ ᐊᒻᒪ ᓴᐳᑦᑎᔾᔪᑎᒃᓴᐃᑦ**
  - 2000 **ᑕᓐᓴ ᐅᓪᓗ ᑖᒫᑦ**
  - **ᐊᑦᑕᑯᐃ/ᕐᑯᕐᕕᑦ ᐊᑦᑕᖅᑕᐅᖃᑦᑕᖅᑐᑦ** Roberts Bay-**ᒧᑦ**

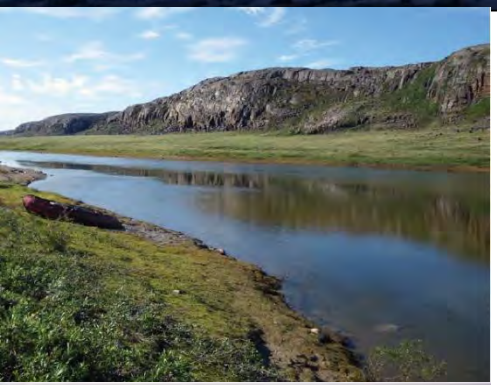
ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯᖕᒐᑦ 2AM-DOH1323

- **ᑐᓂᔭᐅᔪᖅ** 2007-**ᒥ**, **ᐋᖅᑭᒋᐊᖅᑕᐅᔪᖅ** 2016-**ᒥ**, **ᐊᑑᑎᖃᖅᓯᖅ** 2013-**ᒥᑦ** 2023-**ᒧᑦ**
  - **ᐃᒪᐅᑉ ᐊᑐᖅᑕᐅᓂᖕᒐ**
    - Doris Lake **ᑕᓯᖕᒐᓂ**- 480,000 m^3 **ᐊᕐᕌᒍ ᑕᒫᑦ** - **ᐅᔭᕋᓂᐊᕐᓂᖅ ᐊᒻᒪ ᐱᓕᕆᐊᖃᕐᓂᖅ**
    - Windy Lake **ᑕᓯᖕᒐᓂᑦ–** 22,000 m3 **ᐊᕐᕌᒍ ᑕᒫᑦ** - **ᐃᒥᕆᔭᐅᖃᑦᑕᓂᐊᕐᑐᖅ**
    - **ᐃᒪᖅ – ᐊᖕᒋᓂᖕᒐ ᑭᒡᓕᖃᓐᖕᒋᑦᑐ ᐊᑐᖅᑕᐅᔪᓐᓇᕐᑐᖅ** - **ᐱᓕᕆᔾᔪᑕᐅᓗᓂ**
  - **ᐅᕐᑯᒪᐃᓐᓂᓖᑦ** 2.5 **ᒥᓕᐊᓐ ᑕᓐᓴ** 2.5 million **ᑕᔅ ᐅᕐᑯᒪᐃᓐᓂᓕᒃ ᐊᑦᑕᖅᑕᐅᕕᖕᒧᑦ**
  - **ᓄᓇᐅᑉ ᑕᒃᑯᕆᓚᐅᕐᑕᖕᒐᓄᑦ ᐅᑎᖅᑎᑦᑎᓂᕐᒧᑦ** - $31 **ᒥᓕᐊᓐ**

ᐊᐅᓚᑦᑎᔾᔪᑕᐅᔪᓕᒫᑦ ᒪᓕᒃᑐᑦ ᒐᕙᒪᑐᖃᒃᑯᑦ ᐊᒻᒪ ᐅᑭᐅᕐᑕᖅᑐᒥ ᐊᕕᒃᑐᖅᓯᒪᓂᒃᑯᑦ ᒪᓕᒐᕐᓂᒃ ᐊᒻᒪ ᐊᑐᐊᒐᕐᓂᒃ

- **ᖃᐅᓯᕐᑐᒧᑦ ᐊᑦᑕᕈᑕᐅᔭᕆᐊᓕᒃ ᒪᓕᒡᓗᑎᒃ ᓴᕕᒃᓴᔭᐅᑉ ᐅᔭᕋᓐᓂᐊᖅᑕᐅᓂᖕᒐᑕ ᖃᐅᓯᕐᑐᓄᑦ ᐊᑦᑕᑯᓄᑦ ᐊᑐᐊᒐᖕᒋᓐᓂᑦ**

ᖃᐅᔨᓴᕐᓂᖅ ᐊᒻᒪ ᐅᓂᒃᑳᖅᑕᕐᓂᖅ

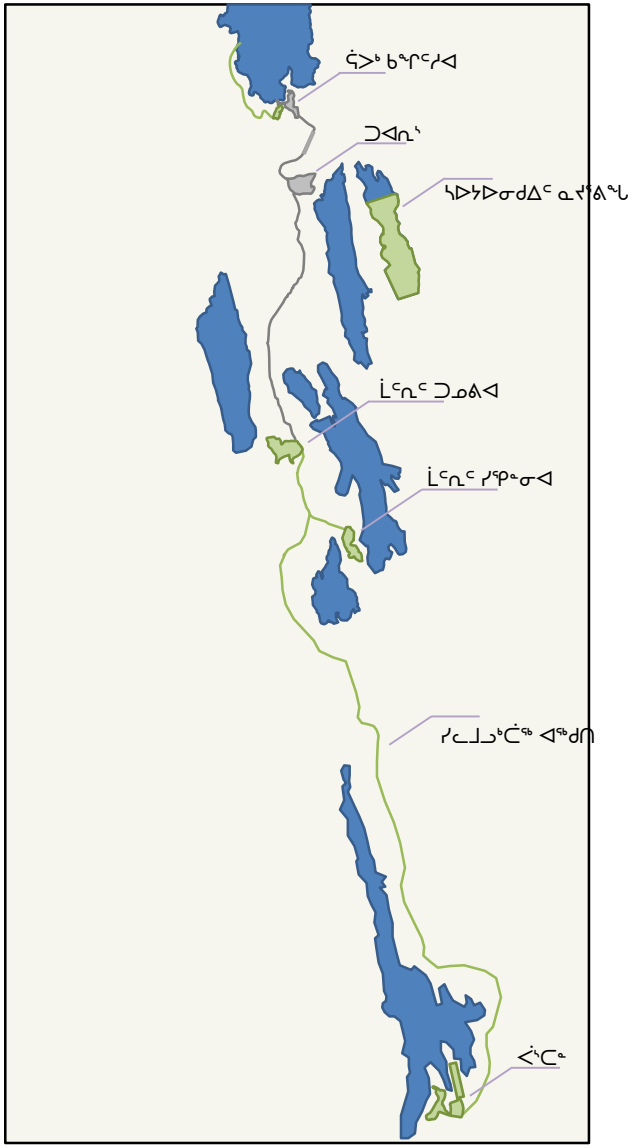


- **ᐃᒪᕕᐅᑉ ᐊᑦᑐᖅᑕᐅᓂᖕᒐᑕ ᖃᐅᔨᓴᖅᑕᐅᓂᖕᒐᓄᑦ ᐸᕐᓇᐅᑎᑦ**
- **ᐊᕙᑎᒃᓴᑕ ᐊᑦᑐᖅᑕᐅᓂᖕᒐᓄᑦ ᖃᐅᔨᓴᕈᑎᒃᓴᑦ**
- **ᐊᔾᔨᓕᐅᕈᑎᒃᑯᑦ ᖃᐅᔨᓴᐅᑎᖃᕐᓂᖅ**
  - o A ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯ – ᑕᖅᑭ ᑕᒫᑦ
  - o B ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯ(ᓚᐃᓴᓐᓱᑦ)- ᑕᖅᑭ ᑕᒫᑦ
- **ᓄᓇᕗᑦ ᐃᒪᓕᕆᔨᒃᑯᑦ ᑲᑎᒪᔨᖏᑕ ᐊᕐᕌᒍᑕᒫᕐᓯᐅᑦ ᐅᓂᒃᑳᓕᐊᖕᒐᑦ**
  - A ᐊᒻᒪ B ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯᑦ
  - ᐊᑐᖅᑕᐅᒋᐊᓕᒃ ᒫᑦᓯ 31

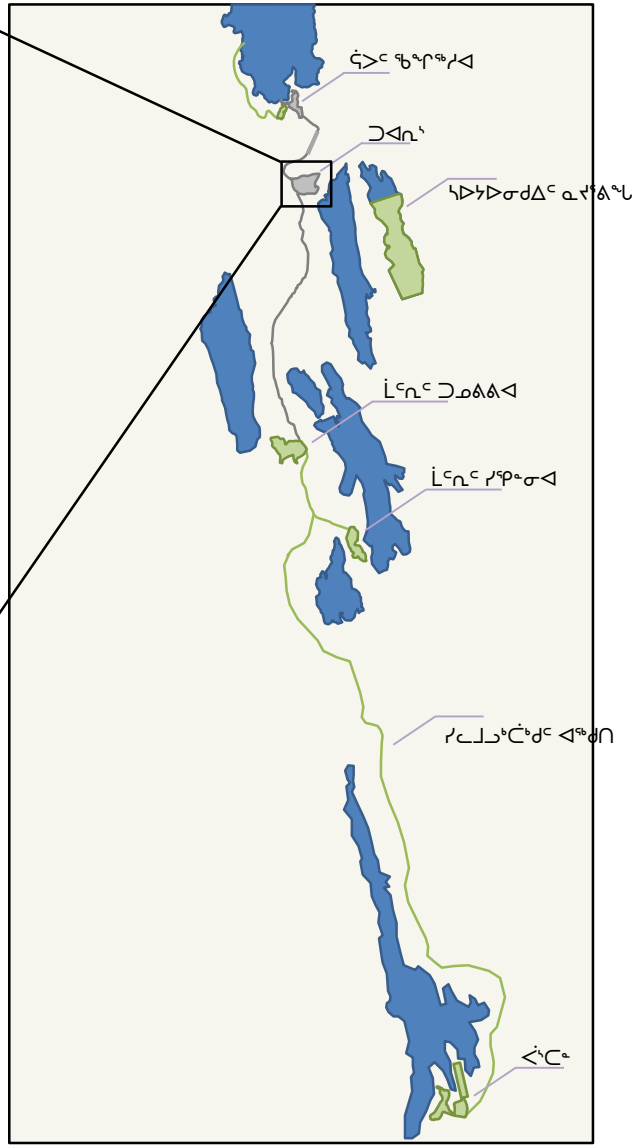
ᐱᓕᕆᐊᓴᓴᒧᑦ ᓇᓗᓇᐃᔭᐃᓂᖅ

ᒫᑦᕆᑦ ᐊᒻᒪᓗ ᐹᓴᑕᓐ ᓇᓗᓇᐃᔭᐃᓂᖅ	
ᐅᔭᕋᓐᓂᐊᕐᕕ	• ᓄᓇᐅᑉ ᐊᑖᓂ ᐅᔭᕋᓐᓂᐊᕐᓂᖅ ᐊᒻᒪ ᐅᑎᖅᑎᑕᐅᓂᖏᑦ ᑎᓲᔾᔭᐃᑯᑕᐅᑉ ᐊᕙᓘᑉ
ᐱᓕᕆᐊᕆᔭᐅᔪᑦ	• 6,000 ᑖᓐᓴ (tonnes) ᓴᕕᕋᔭᒃᓴᓂᒃ ᐱᓕᕆᐊᕆᔭᐅᔪᑦ ᐅᓪᓗᑕᒫᑦ
ᑲᓐᓄᖃᒧᑦ ᐱᓕᕆᐊᕆᔭᐅᔪᑦ	• ᑲᓐᓄᖃᒧᑦ ᐱᕙᓪᓕᐊᓂᖅ ᑐᐊᕆᓴᒥ. ᐃᓚᒃᓴᐃᑦ ᐱᓕᕆᐊᕆᔭᐅᔪᑦ ᒫᑦᕆᑦ ᑐᓄᕕᐊᓂ ᐊᒻᒪᓗ ᐹᓴᑕᓐᒥ
ᐃᖏᕋᐅᑎᑦ	• ᐅᒥᐊᕐᔪᐊᖅ ᑎᑭᓲᖅ ᕋᐳᑦ ᑲᖏᖅᓱᐊᓄᑦ ᐊᒻᒪᓗ ᓄᖅᑲᖅᑐᓂ ᑐᕝᕕᒻᒧᑦ • ᑲᓐᓄᖃ ᐊᐅᓪᓚᖅᑎᑕᐅᓪᓗᑎᒃ ᓴᓇᕝᕕᓕᕆᔨᒃᑯᓐᓄᑦ • ᐊᖅᑯᑎ ᒫᑦᕆᑦᒧᑦ ᐊᒻᒪᓗ ᐹᓴᑕᓐᒧᑦ ᐊᒻᒪᓗ ᑐᐊᕆᓴᒧᑦ ᐊᒻᒪᓗ ᕋᐳᑦ ᑲᖏᖅᓱᐊᓄᑦ
ᐃᖅᑲᓇᐃᔫᒃᓴᐃᑦ	• ᑎᒻᒥᓲᖅᑐᕐᓂᖅ ᐊᐅᓚᓂᖓ ᐃᑦᒪᓐᑕᓐᒧᑦ ᐊᒻᒪᓗ ᕿᑎᕐᒥᐅᓄᑦ • 870 ᐃᖅᑲᓇᐃᔭᖅᑏᑦ ᕐᑯᑦᑎᓐᓂᖅᐹᒃᑯᑦ ᐊᐅᓚᑎᓪᓗᒋᑦ (ᐃᒻᒪᖃ 14 ᐅᑭᐅᑦ)
ᑮᓇᐅᔭᓕᕆᐅᕈᑕᐅ ᔪᓄᑦ ᐃᑲᔫᑏᑦ	• ᐊᑭᑐᔫᑏᑦ, ᐅᔭᕋᓐᓂᐊᕐᓂᕐᒧᑦ ᑖᒃᓲᔭᕐᓂᖅ ᐊᒻᒪᓗ ᐊᓯᖏᑦ ᐊᑮᑦᑐᑦ ᐃᒻᒪᖃ $500 ᒥᓕᐊᓐ ᐊᐅᓚᑎᓪᓗᒍ ᐯᐅᑉ ᑲᖏᖅᓱᐊᑕ ᐱᓕᕆᐊᓴᖅ ᑲᓇᑕᒧᑦ, ᓄᓇᕗᒻᒧᑦ, KIA-ᑯᓐᓄᑦ ᐊᒻᒪᓗ NTI-ᑯᓐᓄᑦ (ᐃᓚᒋᙱᓪᓗᒍ ᑐᐊᕆᓴ

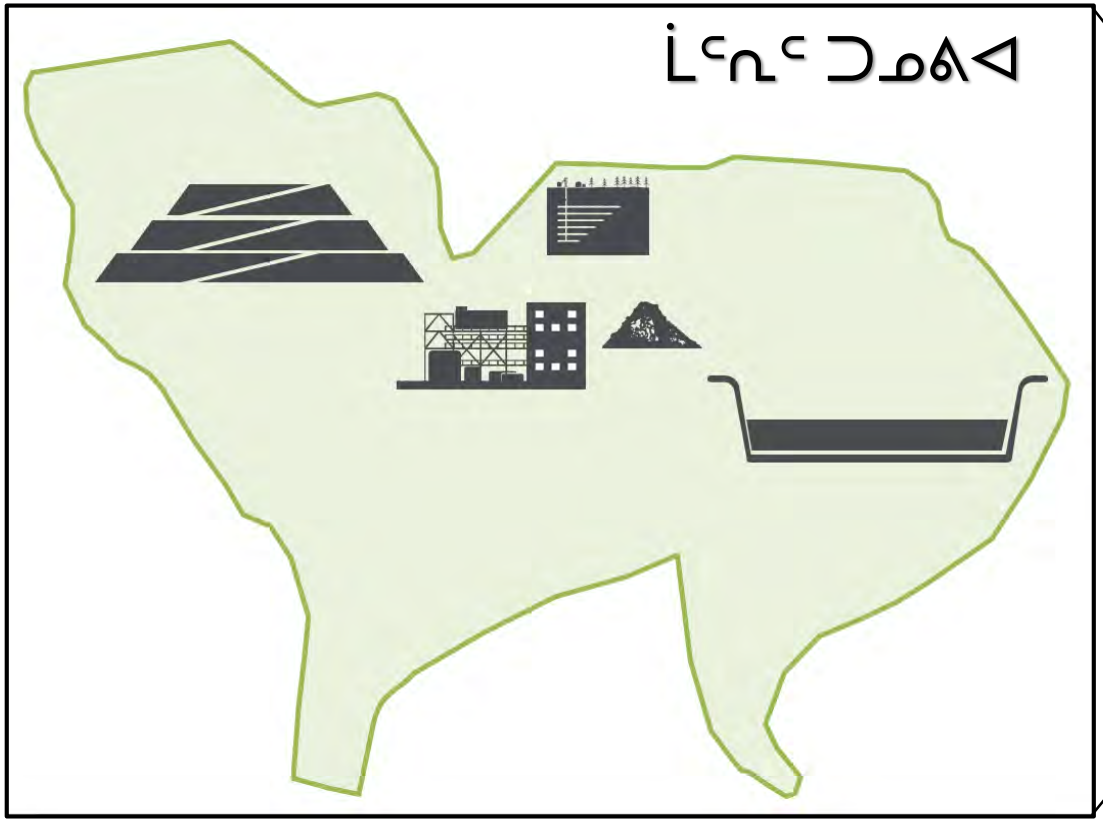
Hᐅᑉ ᑲᖏᖅᓱᐊᑕ ᐱᓕᕆᐊᓴᐅᑉ ᖃᓄᐃᓐᓂᖓ

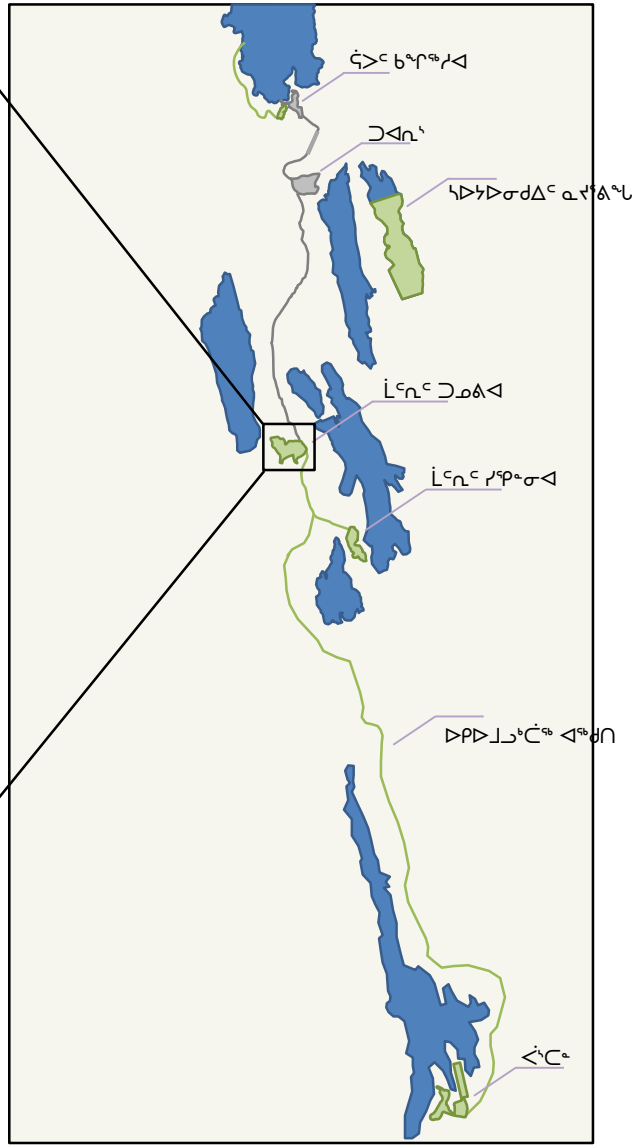


Hİᐅᑉ ᖃᓐᒋᖅᓱᐊᑕ ᐱᓕᕆᐊᔅᓴᐅᑉ ᖃᓄᐃᓐᓂᓐᒐ

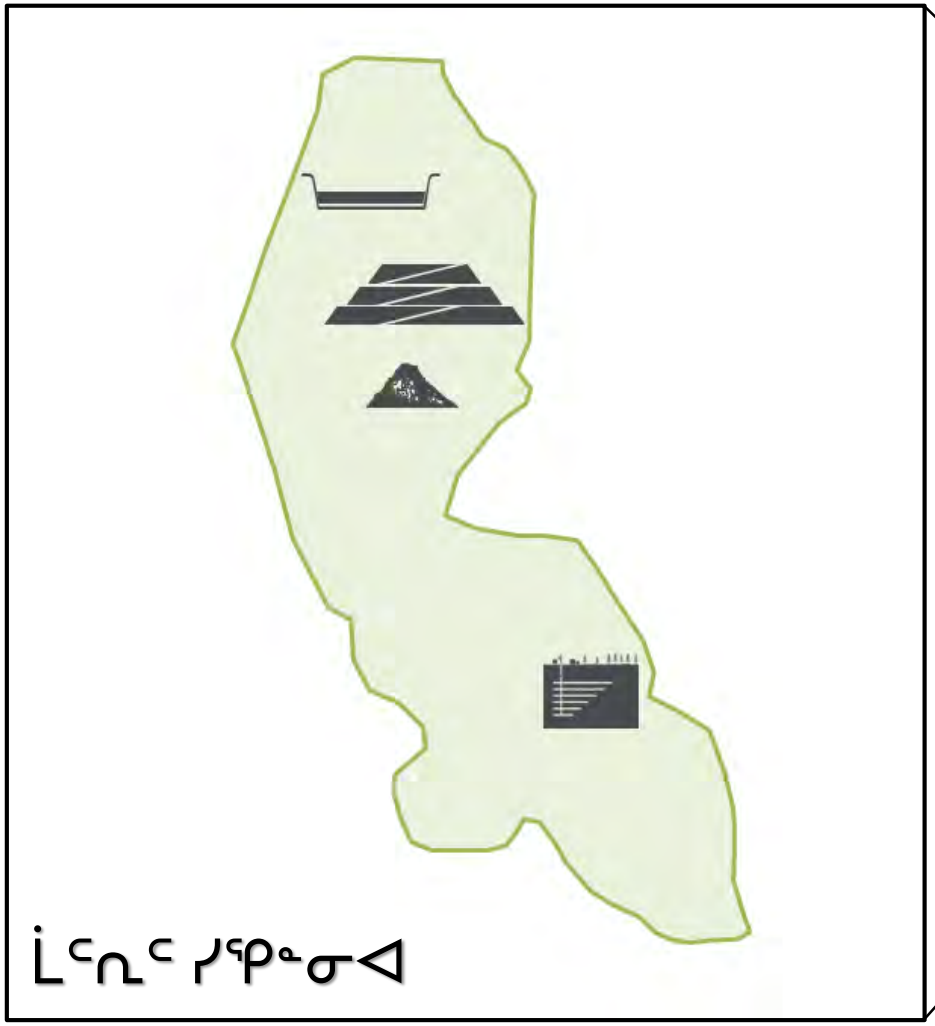


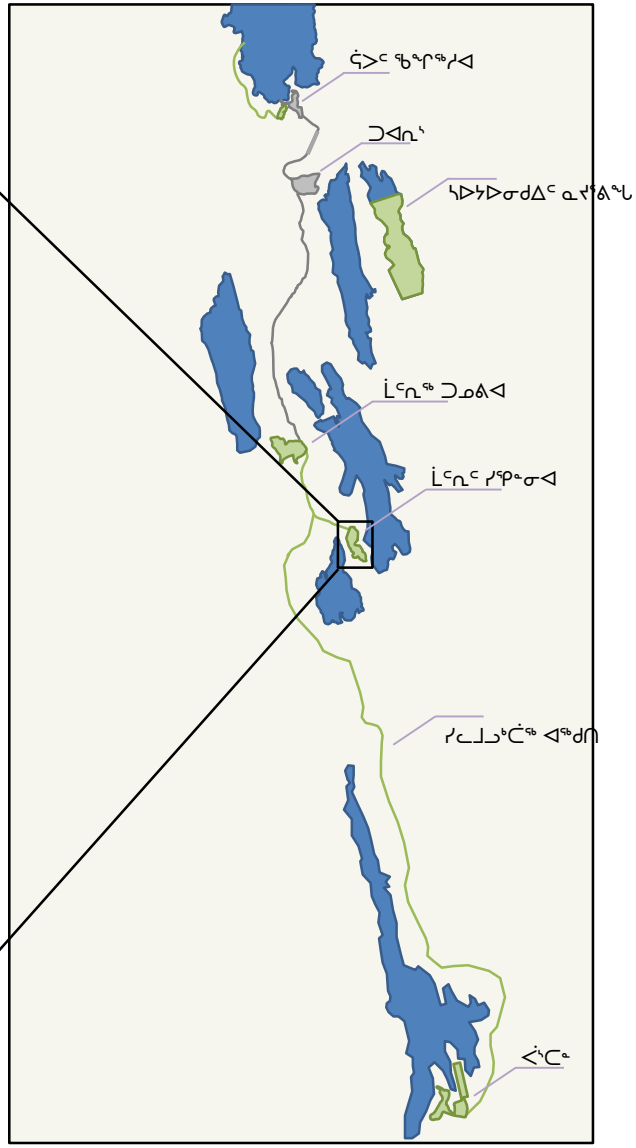
Hᐅᑉ ᑲᖏᖅᓱᐊᑕ ᐱᓕᕆᐊᖅᓴᐅᑉ ᖃᓄᐃᓐᓂᖓ



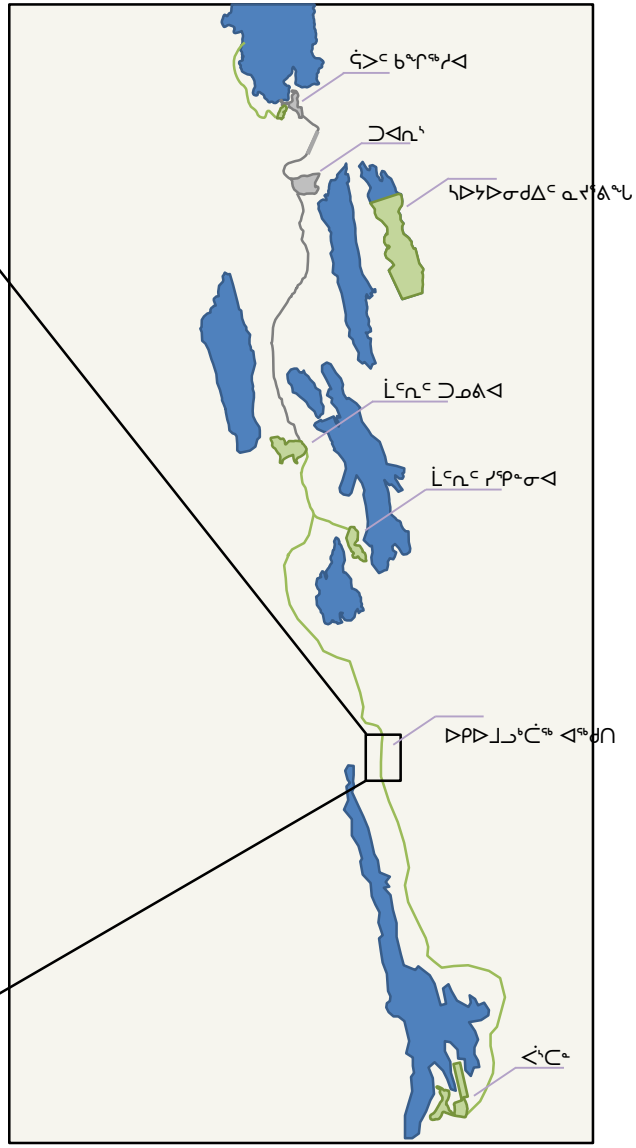


Hᐅᑉ ᖃᓐᒋᖅᓱᐊᑕ ᐱᓕᕆᐊᔅᓴᐅᑉ ᖃᓄᐃᓐᓂᖓ

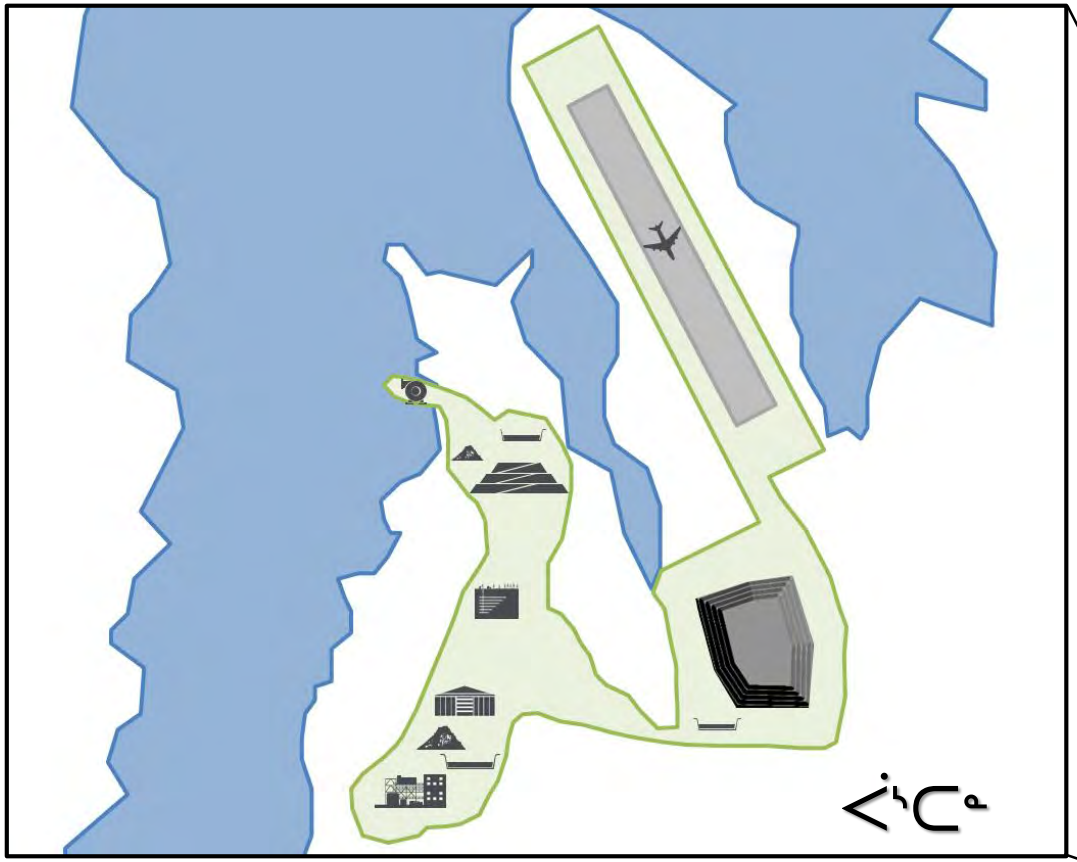


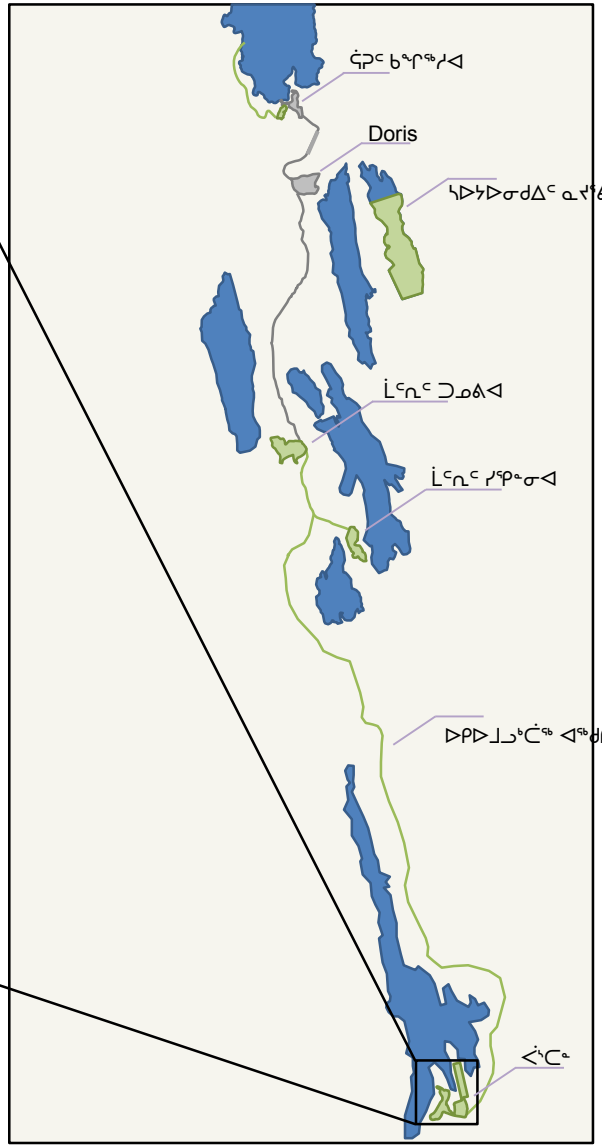


Hᐅᑉ ᖃᓐᒋᖅᓯᐊᑕ ᐱᓕᕆᐊᔾᓴᐅᑉ ᖃᓄᐃᓐᓂᓐᖓ

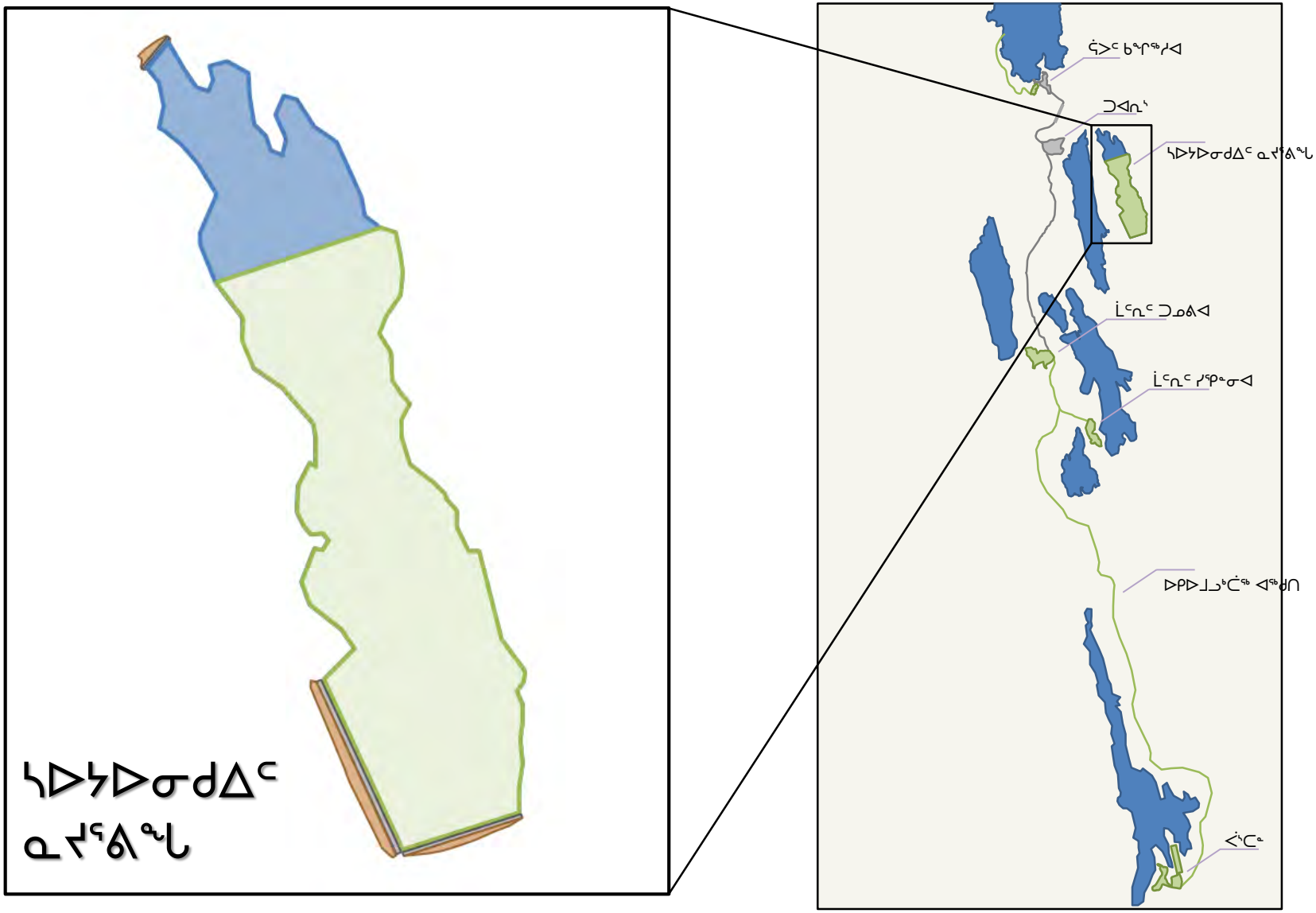


Hᐅᑉ ᑲᖏᖅᓱᐊᑕ ᐱᓕᕆᐊᓴᐅᑉ ᖃᓄᐃᓐᓂᖓ

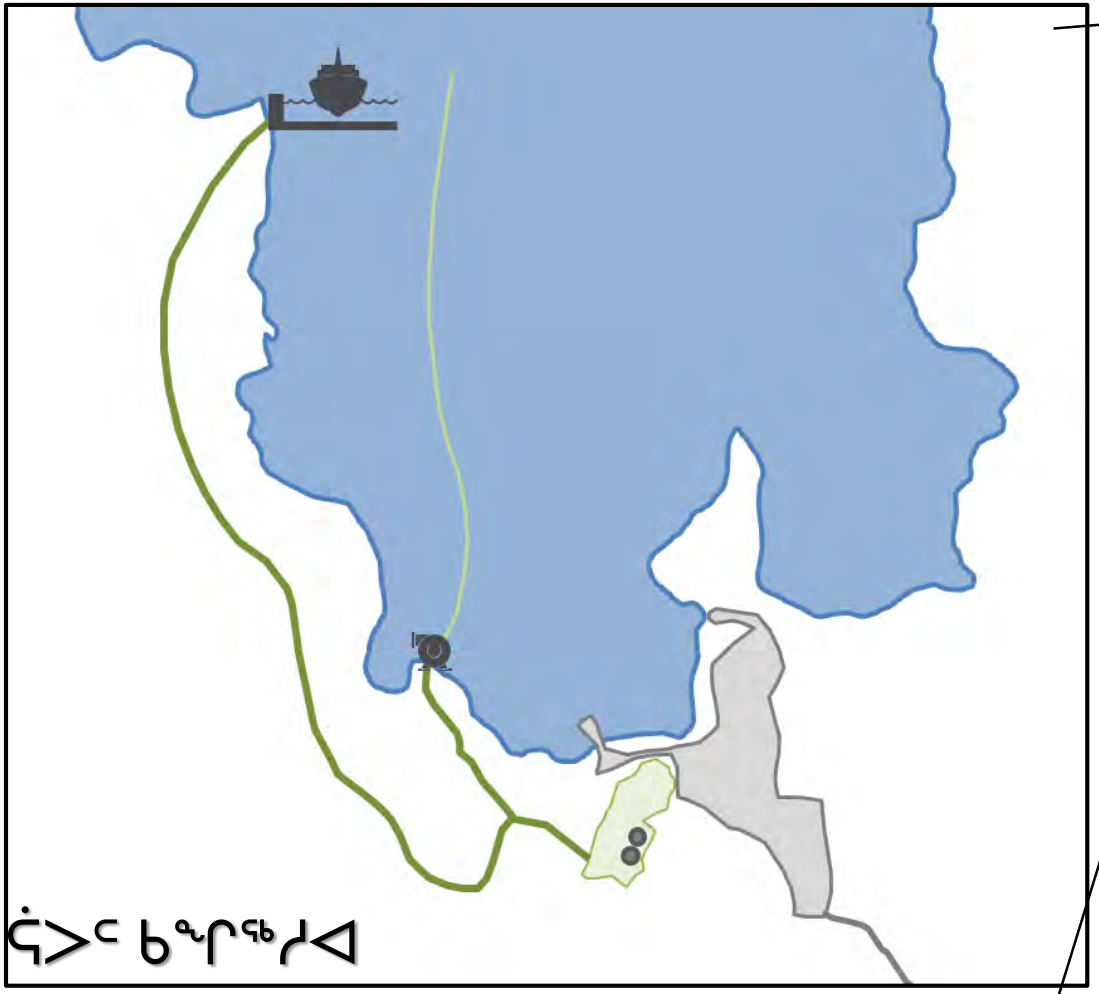


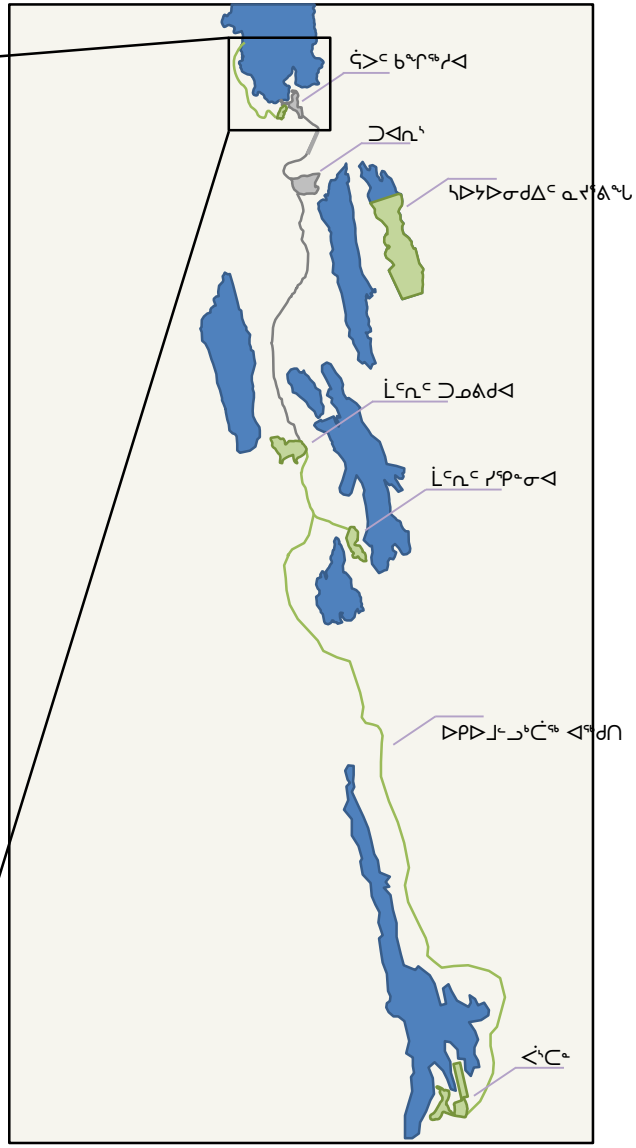


Hᐅᑉ ᑲᖏᖅᓱᐊᑕ ᐱᓕᕆᐊᓴᓴᐅᑉ ᖃᓄᐃᓐᓂᖓ



Hᑦᐅᑉ ᑲᓇᕆᖅᓱᐊᑕ ᐱᓕᕆᐊᖏᐅᑉ ᖃᓄᐃᓐᓂᖓ





ᐊᑐᓕᕐᑯᔭᐅᔪᖅ ᓈᓴᐅᑖ 2 - A

- **ᑐᕋᒐᕆᔭᐅᔪᓐᖃᑕᐅᔪᑦ** Doris, Madrid **ᐅᔭᕋᓐᓂᐊᕐᕕᑦ ᐊᒻᒪ ᐊᕐᕌᒍᑕᒫᑦ ᐊᑐᖅᑕᐅᔪᓐᓇᕋᔭᕐᑐᖅ ᐊᖅᑯᑦ**
  - ᐅᓄᕐᔪᑎᒋᐊᕐᓗᒋᑦ 2AM-DOH1323 ᐋᖅᑭᒋᐊᕈᑕᐅᑉ ᓈᓴᐅᑖ 1 ᐃᓚᓕᐅᑎᓗᒍ ᑖᒃᓱᒧᖕᒐ ᓚᐃᓴᓐᓯᒧᑦ ᑐᕋᒐᕆᔭᐅᔪᓕᒫᓄᑦ ᐃᒡᓗᕐᔪᐊᒃᓴᓄᑦ ᐊᒻᒪ ᐱᓕᕆᐊᒃᓴᑦ ᐱᔪᓐᓇᖅᑎᑕᐅᔪᓄᑦ B ᓚᐃᓴᓐᓯᒧᑦ 2BB-MAE1727
    - ᐃᖅᑲᓇᐃᔭᖅᑎᓄᑦ ᓇᔪᒐᐅᔪᖅ - ᐃᓄᒋᐊᓐᓂᖃᕈᓐᓇᕐᑐᖅ 400-ᓂᒃ
    - ᐅᕐᑯᒪᐃᓪᓕᒋᐊᕐᓗᒋᑦ ᐅᔭᕋᓐᓂᐊᖅᑕᐅᔪᓐᓇᕐᑐᑦ 18 ᒥᓕᐊᓐ ᑕᓐᓴᓄᑦ
    - ᐃᒪᕐᒧᑦ ᐊᑐᕈᓐᓇᕈᑕᐅᔪᖅ:
      - ᐃᒥᕋᒃᓴᖅ Windy Lake ᑕᓯᒐᓂᑦ: 43,800 m3/ᐊᕐᕌᒍ
      - ᐱᓕᕆᐊᖑᔪᑦ Doris Lake-ᒥᑦ: 1,930,000 m3/ᐅᓪᓗᖅ
    - ᓄᐊᑦᑎᕕᒃ Madrid-ᒥ
    - ᐊᕐᕌᒍᓕᒫᕐᓯᐅᖕᒥᑦ ᐊᖅᑯᑎᓕᐅᕐᓂᖅ Boston ᐅᔭᕋᓐᓂᐊᕐᕕᖕᒐᓄᑦ
    - <u>**ᑮᓇᐅᔭᓕᐅᕈᑕᐅᓗᓂ ᐅᔭᕋᓐᓂᐊᕈᑕᐅᔪᓐᓇᕐᑐᖅ**</u>

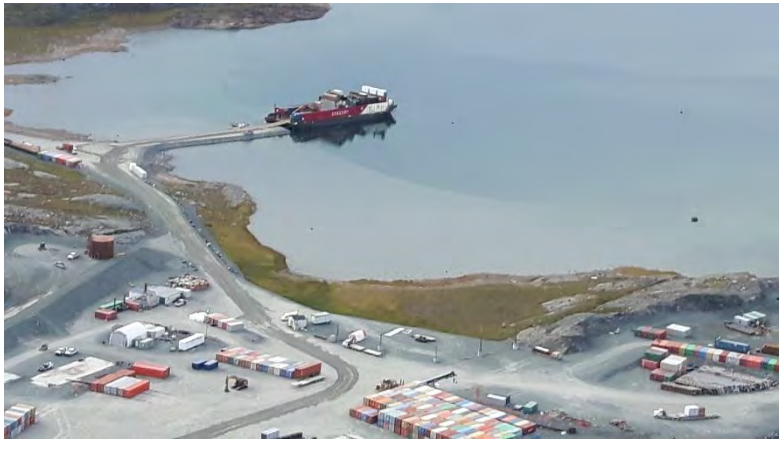
ᐊᑐᓕᕐᑯᔭᐅᓂᖓ Boston A ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ

ᐱᓕᕆᐊᒧᑦ ᐱᔪᓐᓇᐅᑦ ᐊᒻᒪ Boston A **ᐃᒪᕐᒥᒃ ᐊᑐᕈᓐᓇᐅᑎᖓ ᓚᐃᓴᓐᓯ**

- **ᑐᕌᒐᕆᔭᐅᔪᖅ**:
- ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ Boston ᓴᓇᔭᐅᓂᖓ ᐊᒻᒪ ᐃᖏᕐᕋᓯᑎᑕᐅᓂᖓ
- ᐃᖃᓇᐃᔭᖅᑎᑦ ᐃᓄᒋᐊᒍᓐᓇᕐᓂᖏᑦ - 300 ᐃᓄᐃᑦ
- TMA (ᑕᐃᒍᖅᑕᐅᖕᒥᔪᖅ TIA) ᐅᕐᑯᒪᐃᓐᓂᖃᕈᓐᓇᕐᑐᖅ 5.1ᒥᓕᐊᓐ ᑕᓐᓴ
  - ᐃᒪᖅᑐᕈᓐᓇᕈᑕᐅᔪᖅ:
    - ᐃᒥᕆᔭᐅᖃᑦᑕᓂᐊᕐᑐᖅ ᑕᓯᖓᓂᑦ ᐊᐃᒪᐅᑲᑕᓗᒃ 33,000 m3/ᐊᕐᕌᒍ ᑕᒫᑦ
    - ᐱᓕᕆᐊᒧᑦ ᐃᒪᖅ ᐊᑐᖅᑕᐅᖃᑦᑕᓂᐊᕐᑐᖅ ᐊᐃᒪᐅᑲᑕᓗᒃ ᑕᓯᖓᓂᑦ 450,000 m3/ᐊᕐᕌᒍ ᑕᒫᑦ
- 2400 t/d ᐊᕕᒃᑐᐃᕕᖕᒥ
- ᐊᑐᕈᓐᓇᖅᑎᑕᐅᓂᖏᑦ ᐃᒪᕐᒥᒃ, ᐊᑦᑕᑯᐃᑦ ᐊᐅᒪᑕᐅᓂᖏᑦ ᐊᒻᒪ ᓴᓇᔭᐅᓂᖏᑦ ᓄᓇᐅᑉ ᖀᖓᓂ ᐃᒡᓗᕐᔪᐊᑦ
- **ᑮᓇᐅᔭᓕᐊᕈᑎᒋᓗᒍ ᐅᔭᕋᓐᓂᐊᕈᓐᓇᖅᑎᑕᐅᓂᖏᑦ**

ᒪᑐᔭᐅᓂᖓ ᐊᒻᒪ ᓄᓇᐅᑉ ᑕᒃᑯᒋᓚᐅᖅᑕᖓᓄᑦ ᐅᑎᖅᑎᑕᐅᓂᖓ

- Doris-Madrid-ᒥ **ᒪᑐᔭᐅᒃᐃᓐᓇᕕᒃᓴᖓ ᐊᒻᒪ ᓄᓇᐅᑉ ᑕᒃᑯᐊᓄᑦ ᐅᑎᖅᑎᑦᑎᓂᕆᔭᕆᐊᓕᖓ ᐅᓪᓗᒥᒨᖓᓕᖅᑎᑕᐅᓚᐅᕐᑐᖅ**
- Boston **ᐅᔭᕋᓐᓂᐊᕐᕕᖓᑕ ᒪᑐᔭᐅᕕᒃᓴᖓ ᐊᒻᒪ ᓄᓇᐅᑉ ᑕᒃᑯᐊᓄᑦ ᐅᑎᖅᑎᒃᑎᕕᒋᔭᕆᐊᓕᖓ ᐋᖅᑭᒃᑕᐅᓚᐅᕐᑐᖅ**
- **ᑕᒪᐃᑕ ᑐᕋᒐᕆᔭᐅᔪᑦ ᒪᑐᔭᐅᔾᔪᑎᒃᓴᑦ** Hope Bay-**ᒥ**:
  - ᐅᔭᕋᓐᓂᐊᕐᕕᐅᑉ ᐊᑦᑕᓇᓐᖏᓐᓂᖓ
  - ᓱᕈᔪᐃᑦ ᐊᑦᑕᓇᔾᔭᐃᖅᓯᒪᓂᖏᑦ
  - ᓯᕗᓂᑦᑎᓐᓂ ᐊᑐᖅᑕᐅᔫᒪᕐᓂᐊᖅᑐᑦ ᐊᒻᒪ ᒪᓕᒃᑕᐅᔭᕆᐊᓖᑦ
- **ᐸᕐᓇᒍᑕᐅᔪᑦ ᑐᓐᖓᕕᒋᔭᐅᓂᐊᕐᒪᑕ ᑮᓇᐅᔭᑎᒍᑦ ᖃᓄᐃᓐᖏᓂᐊᕐᓂᖏᓐᓂᒃ**



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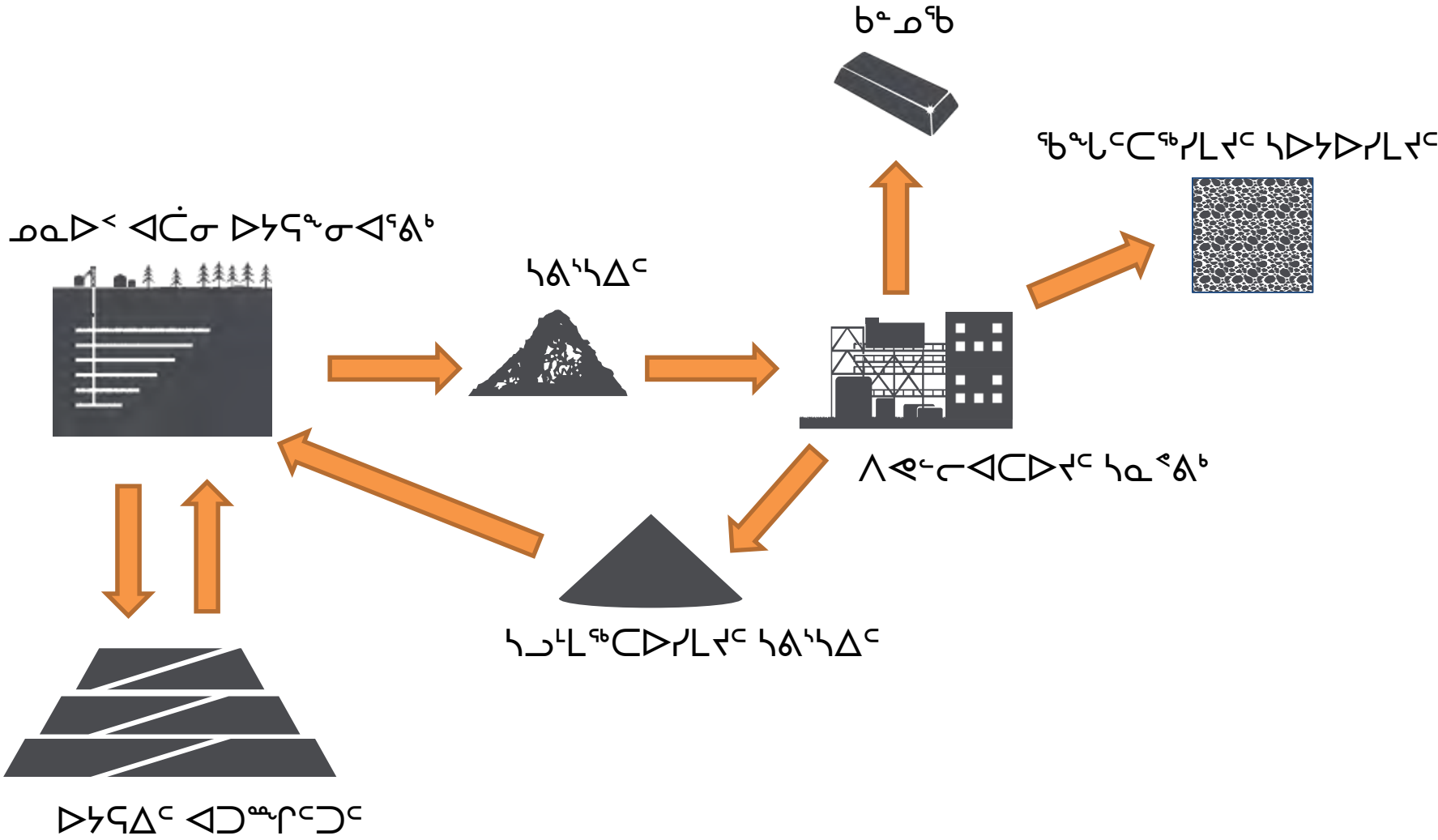
ᓴᐅᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐊᑐᙵᒋᑦᑐᑦ ᐅᔭᕋᐃᑦ



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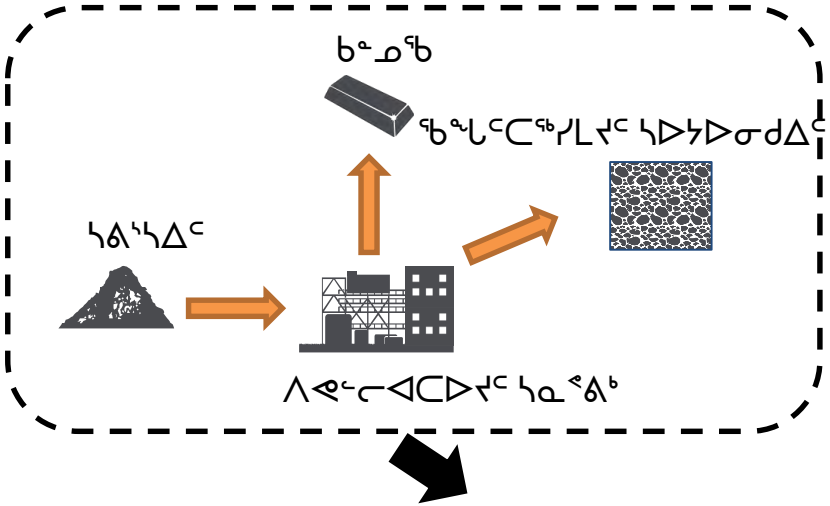

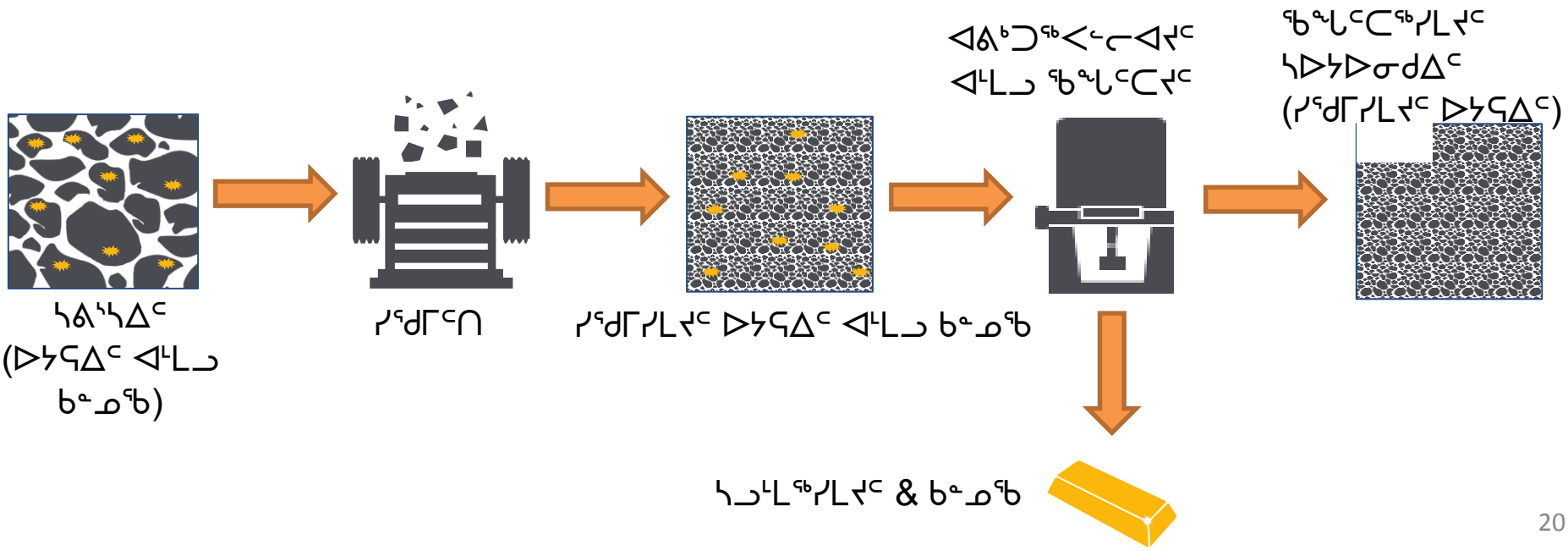

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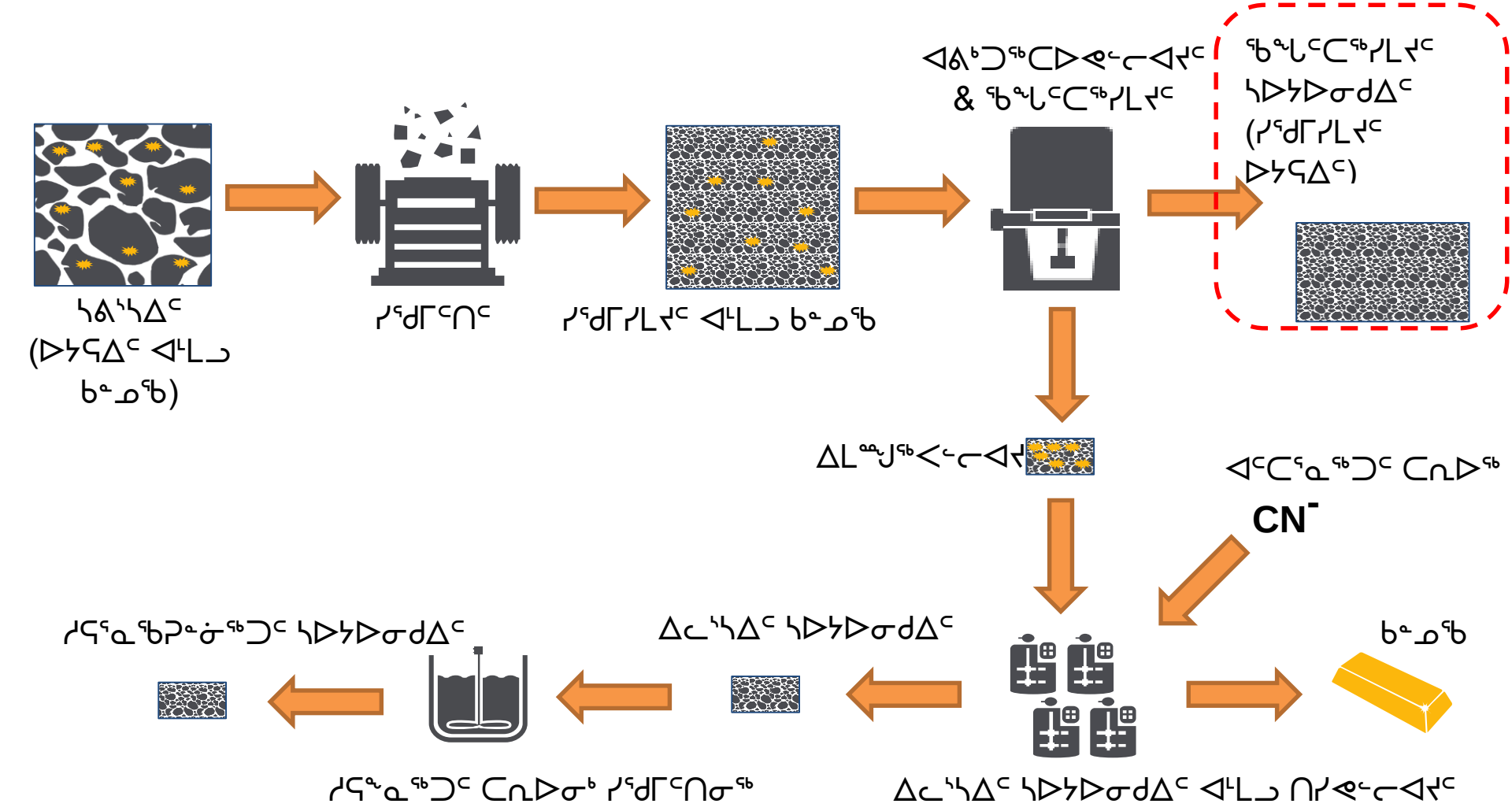

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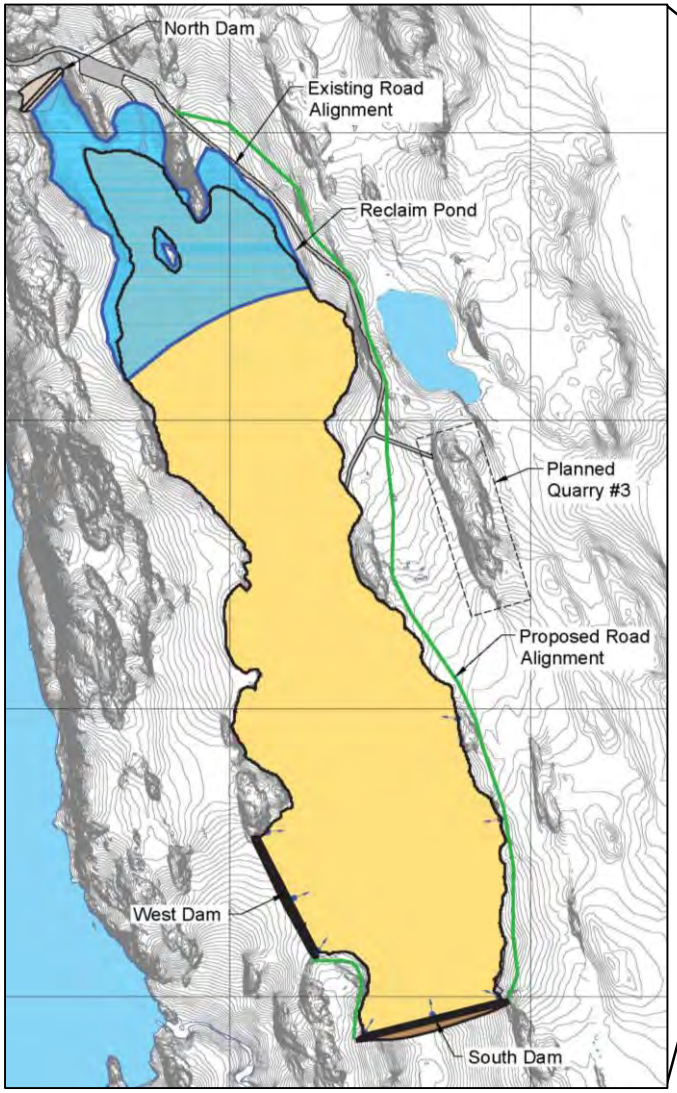
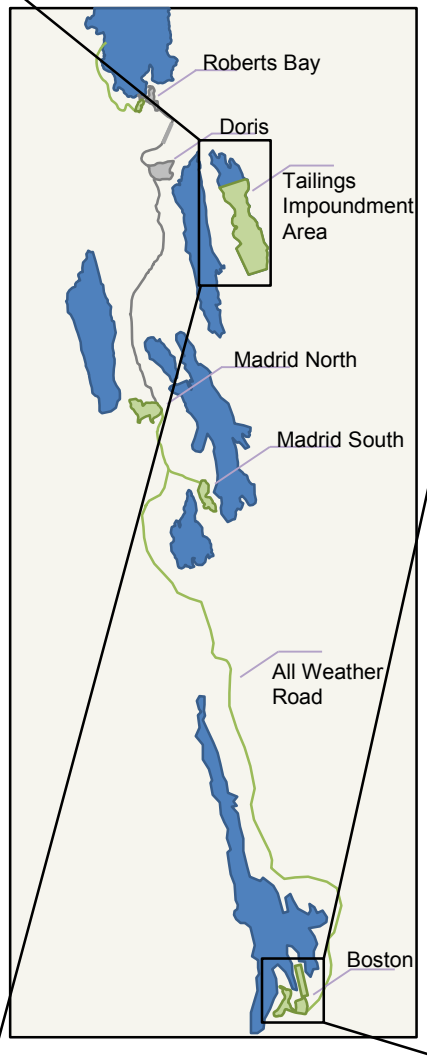
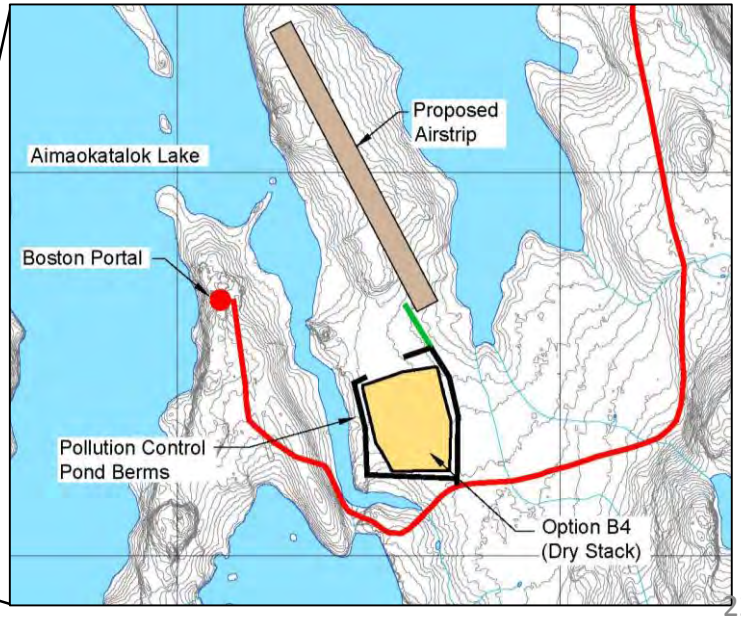
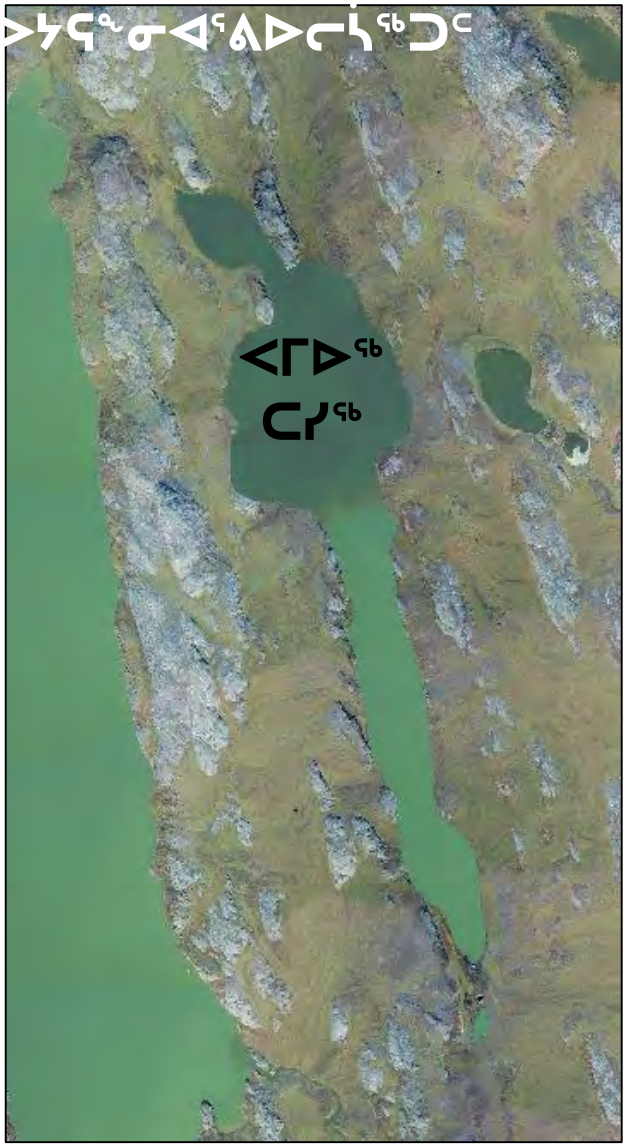
- ᑐᐊᕆᔅ – ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᓴᐅᔭᐅᔪᓄᑦ ᐃᓂᔅᓴᖅ ᓇᔪᕐᕕᖕᒐ
- ᐸᔅᑕᓐ – ᐸᓂᖅᓯᒪᔪᑦ ᓴᐅᔭᐅᓂᑯᐃᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᓇᔪᕐᕕᒃ

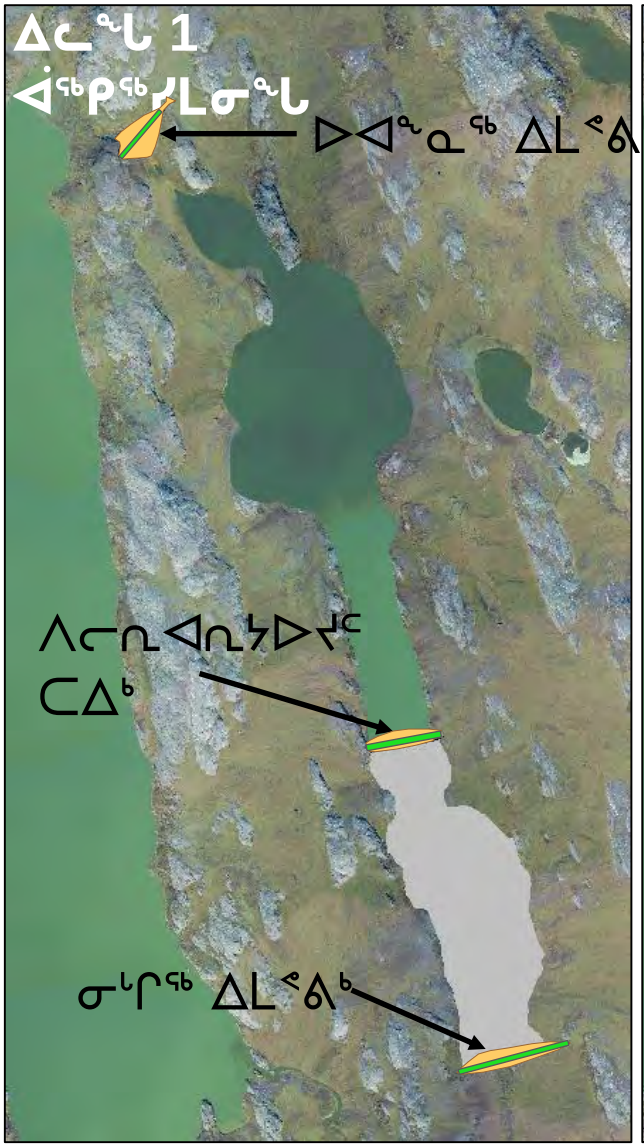






ᓴᐅᔭᐅᓂᑯᓄᑦ ᐃᓕᕝᕕᓴᓴᐃᑦ ᓇᔪᕐᕕᖕᒐ - ᑐᐊᕆᓴ





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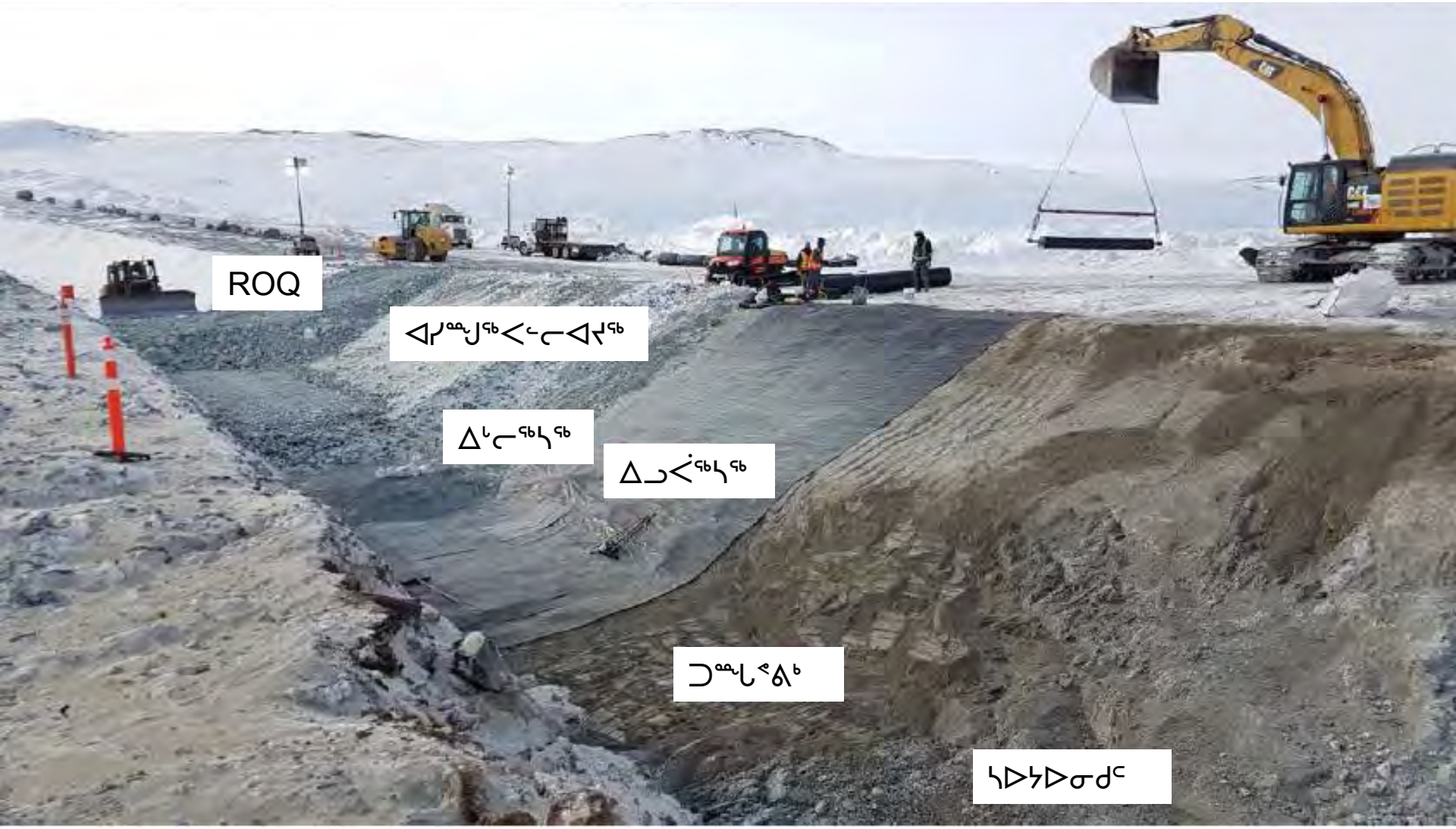
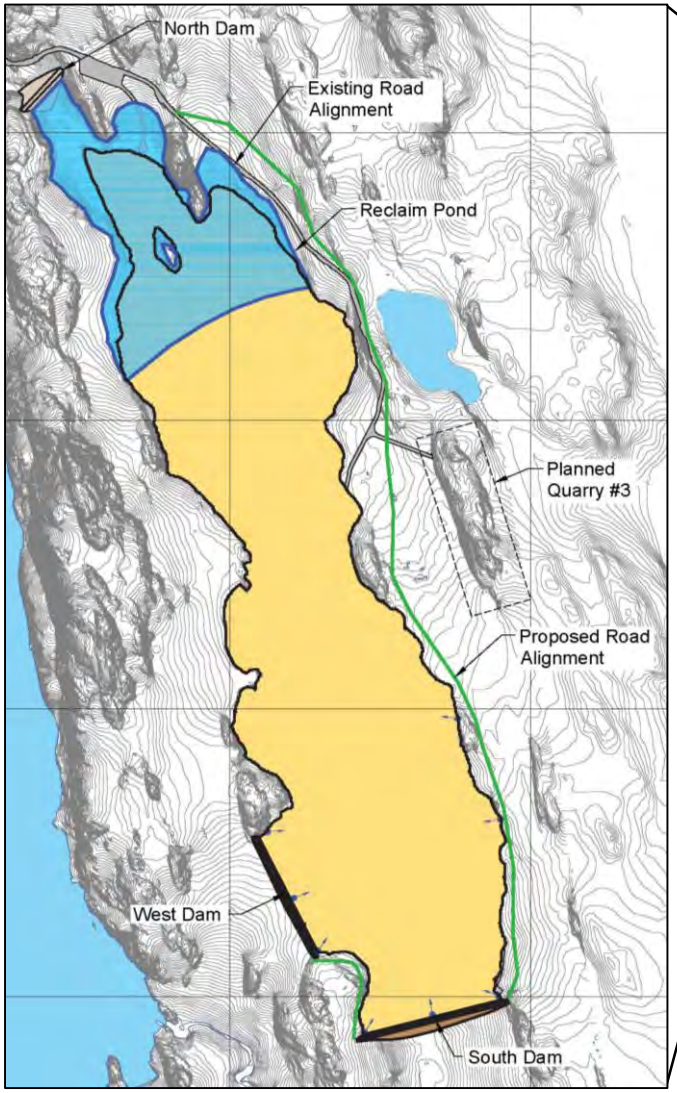
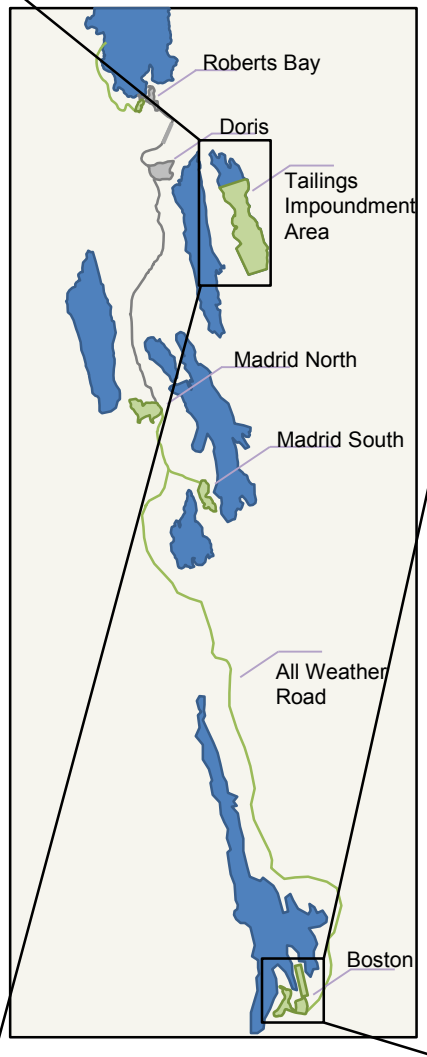
ᓂᒡᒋᖅ ᐃᒪᕝᕕᒃ



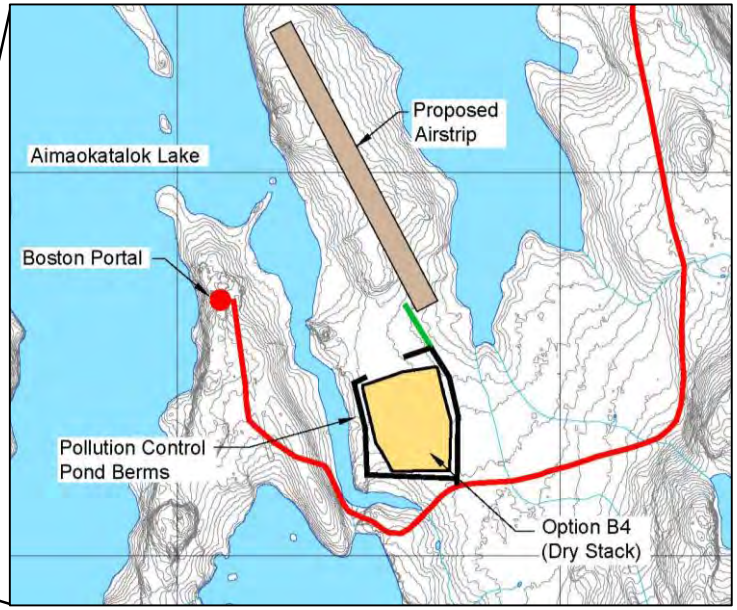
ᓴᐅᔭᐅᓯᒪᔪᑦ ᐃᓕᕝᕕᖕᒋᑦ ᓇᔪᕐᕕᒃ - ᒪᑐᓂᖓ

ᓇᐃᓈᖅᓯᒪᔪᑦ ᐅᓂᒃᑳ ᓴᐅᔭᐅᓂᑯᓄᑦ ᐊᐅᓚᑦᑎᓂᖅ

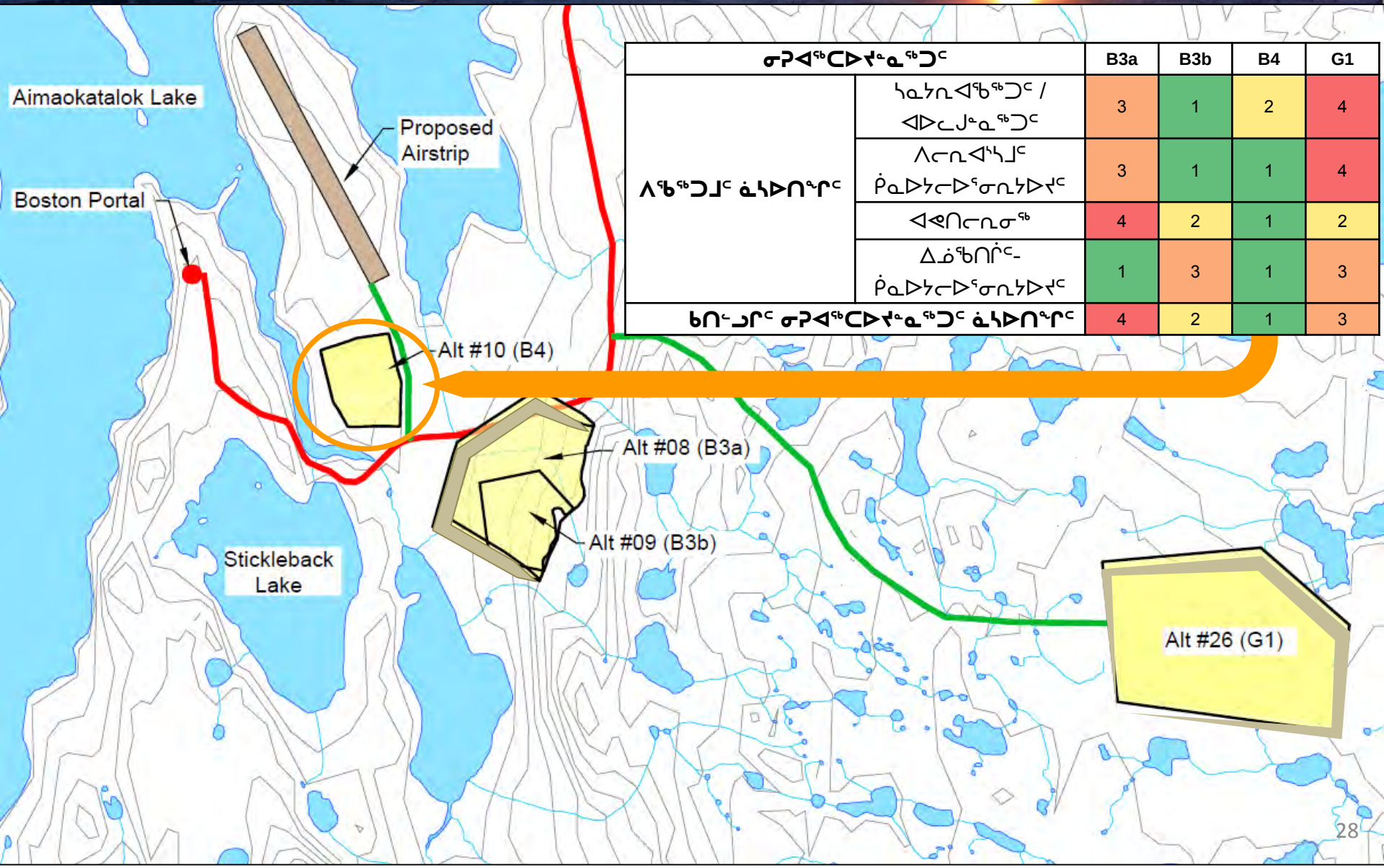




- ᑐᐊᕆᔅ – ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᓴᐅᔭᐅᓂᑯᓄᑦ ᐃᓕᕝᕕᔅᓴᐃᑦ ᓇᔪᕐᕕᖕᒐ
- ᐸᔅᑕᓐ – ᐸᓂᖅᓯᒪᔪᑦ ᓴᐅᔭᐅᓂᑯᓄᑦ ᐊᐅᓚᑦᑎᓂᖅ ᓇᔪᕐᕕᖕᒐ



ᓂᕈᐊᖅᑕᐅᔪᓐᓇᖅᑐᓄᑦ ᖃᐅᔨᓴᕐᓂᖅ - ᐸᔅᑕᓐ

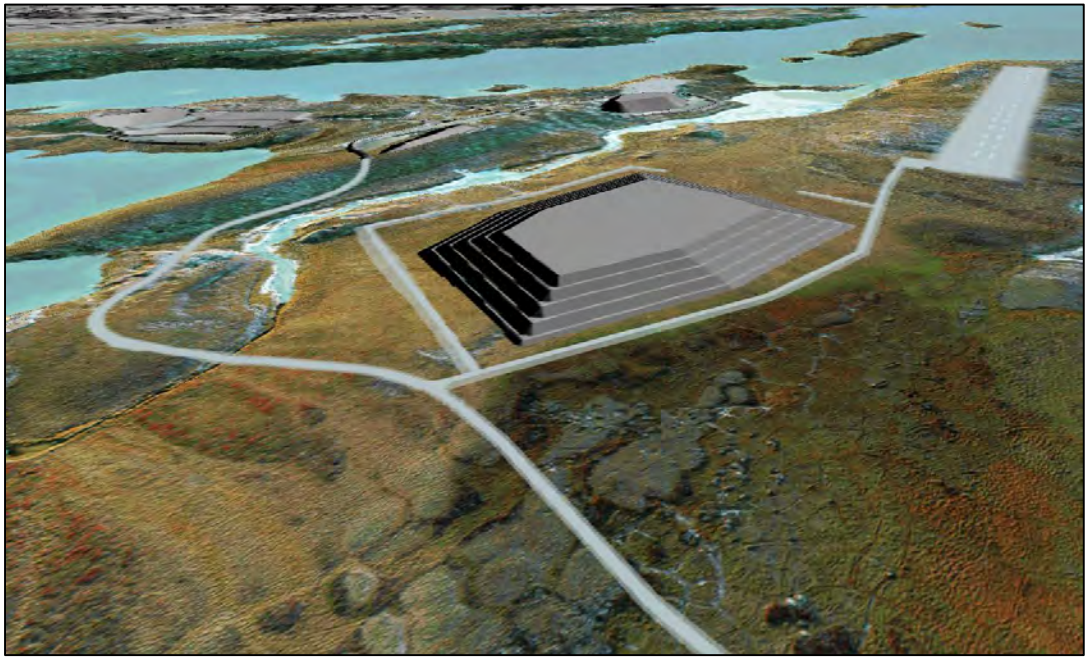


ᓂᕈᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ		B3a	B3b	B4	G1
ᐱᖃᖅᑐᒧᑦ ᓈᓴᐅᑎᖕᒋᑦ	ᓴᓇᔭᕆᐊᖃᖅᑐᑦ / ᐊᐅᓚᒍᓐᓇᖅᑐᑦ	3	1	2	4
	ᐱᓕᕆᐊᓴᒧᑦ ᑮᓇᐅᔭᓕᐅᕐᓂᕆᔭᐅᔪᑦ	3	1	1	4
	ᐊᕙᑎᓕᕆᓂᖅ	4	2	1	2
	ᐃᓅᖃᑎᒌᑦ-ᑮᓇᐅᔭᓕᐅᕐᓂᕆᔭᐅᔪᑦ	1	3	1	3
ᑲᑎᖕᓗᒋᑦ ᓂᕈᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ ᓈᓴᐅᑎᖕᒋᑦ		4	2	1	3

ᓴᐅᔭᐅᓂᑯᒧᓄᑦ ᐊᐅᓚᑕᐅᔪᑦ ᓇᔪᕐᕕᒃ - ᐸᔾᑕᓐ

ᓴᐅᔭᐅᓂᑯᓄᑦ ᐊᐅᓚᑕᐅᔪᑦ ᓇᔪᕐᕕᒃ - ᐸᔾᑕᓐ

- ᓴᓗᒻᒪᖅᓴᖅᑕᐅᓯᒪᔪᑦ ᓴᐅᔭᐅᓂᑯᐃᑦ
- ᓄᓇᓯᐅᑎᑦ, ᓯᐅᕋᖅᓯᐅᑎ, ᑲᑎᖅᓱᐃᔾᔪᑎᑦ ᑎᓯᑎᑦᑎᓂᕐᒧᑦ
- ᐃᓕᐅᖅᑲᐃᔪᓐᓇᖅᑐᑦ ᐊᒻᒪᓗ ᑲᑎᖅᓱᐃᔾᔪᑎᔅᓴᐃᑦ ᑎᓯᑎᑦᑎᓂᕐᒧᑦ
- ᐊᔾᔨᑲᓯᐊᑦ ᐅᑯᓄᖕᒐ:
  - ᕋᒡᓚᓐ
  - ᕗᐊᑦ ᓈᒃᓴ
  - ᐳᒍ



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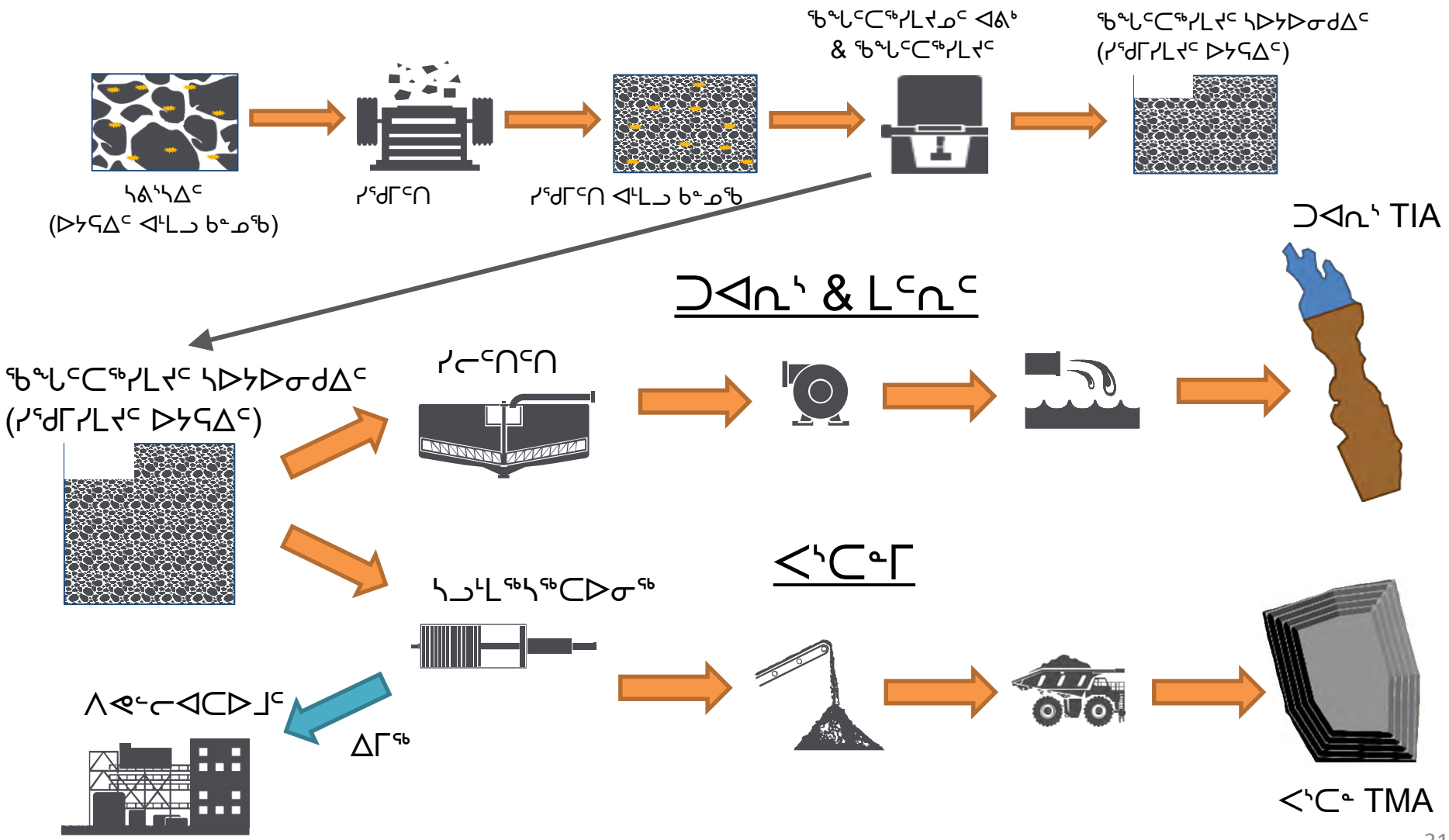

ᖃᖓᑦᑕᖅᓯᒪᔪᓄᑦ ᐊᕕᒃ
& ᖃᖓᑦᑕᖅᓯᒪᔪᑦ
ᖃᖓᑦᑕᖅᓯᒪᔪᑦ ᓴᐅᔭᐅᓂᑯᐃᑦ
(ᓯᕐᑯᒥᓯᒪᔪᑦ ᐅᔭᕋᐃᑦ)
ᓴᕕᔅᓴᐃᑦ
(ᐅᔭᕋᐃᑦ ᐊᒻᒪᓗ ᑲᓐᓄᖅ)
ᓯᕐᑯᒥᑦᑎ
ᓯᕐᑯᒥᑦᑎ ᐊᒻᒪᓗ ᑲᓐᓄᖅ
ᑐᐊᕆᔅ TIA
ᑐᐊᕆᔅ & ᒪᑦᕆᑦ
ᖃᖓᑦᑕᖅᓯᒪᔪᑦ ᓴᐅᔭᐅᓂᑯᐃᑦ
(ᓯᕐᑯᒥᓯᒪᔪᑦ ᐅᔭᕋᐃᑦ)
ᓯᓕᑦᑎᑦᑎ
ᓴᓗᒻᒪᖅᓴᖅᑕᐅᓂᖅ
ᐸᔅᑕᓐᒥ
ᐱᕙᓪᓕᐊᑕᐅᒧᑦ
ᐃᒥᖅ
ᐸᔅᑕᓐ TMA

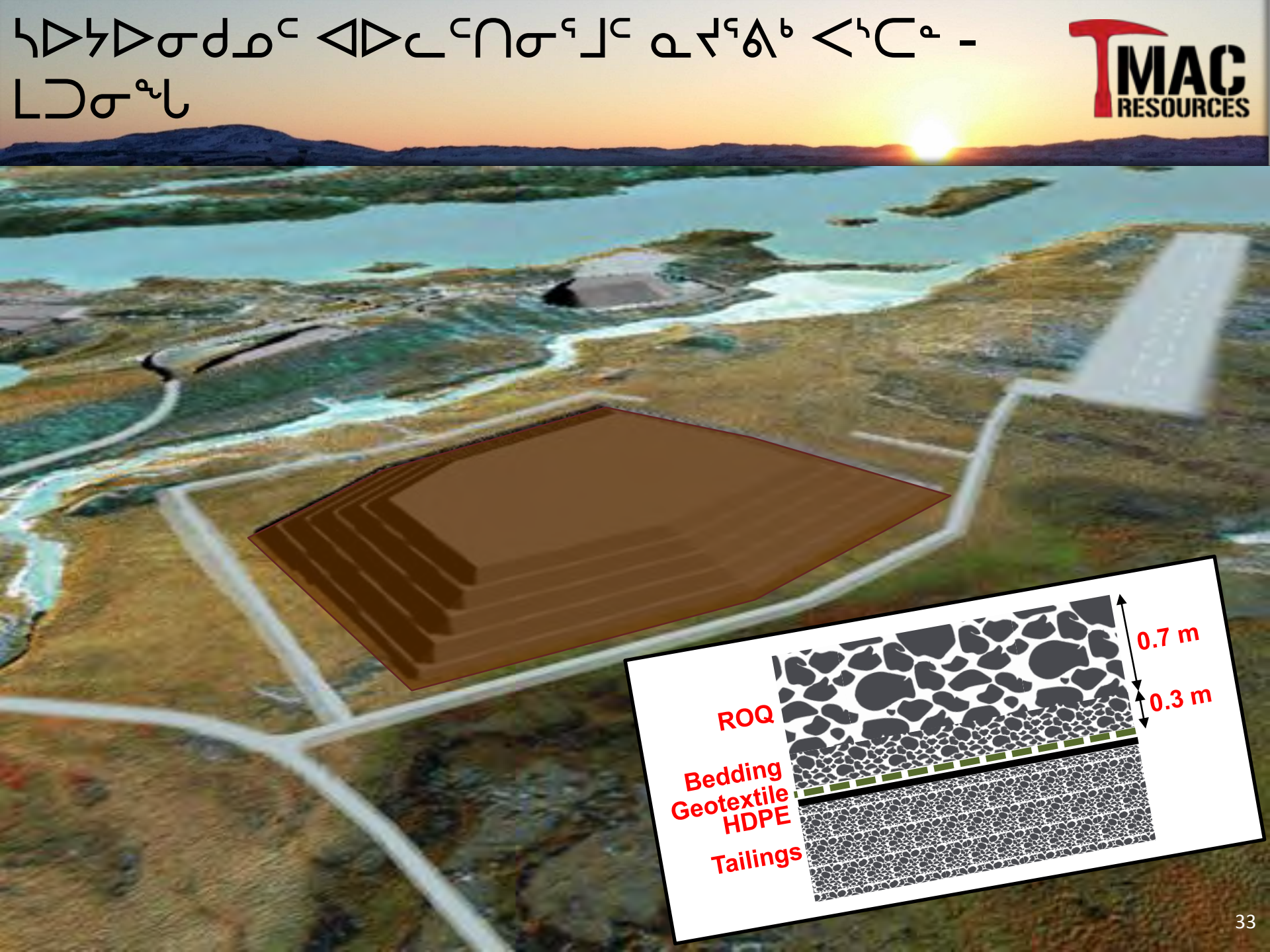
ᓯᐅᕋᓄᑦ ᐊᐅᓚᑦᑎᓂᖅ

https://www.polymerinnovations.com.au/solutions/road-stabilisation/

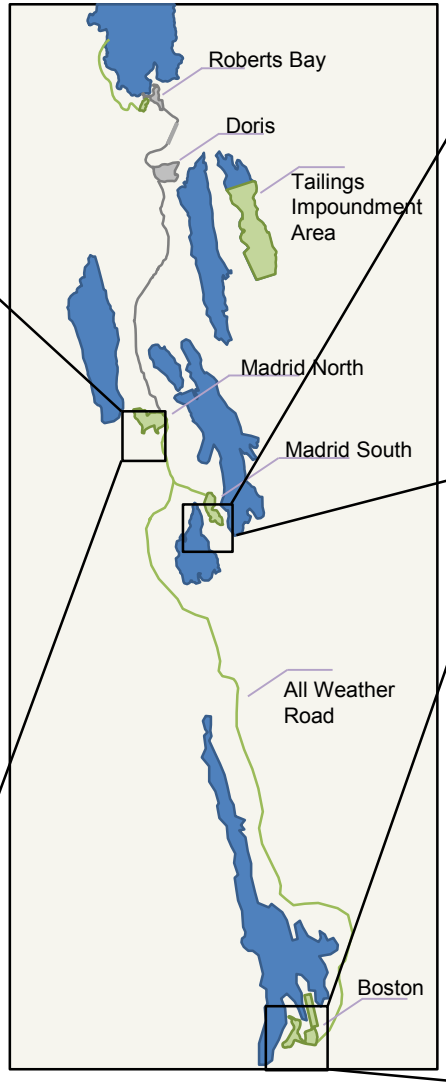
http://www.monitoringagency.net/PhotoGallery/tabid/93/Default.aspx

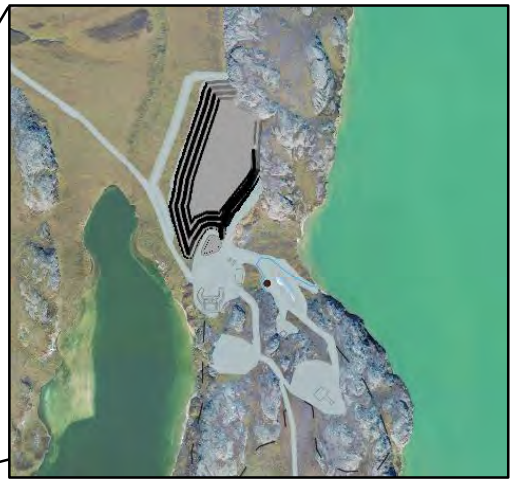
https://www.cooperfluidsystems.com.au/index.php/products/dust-suppression

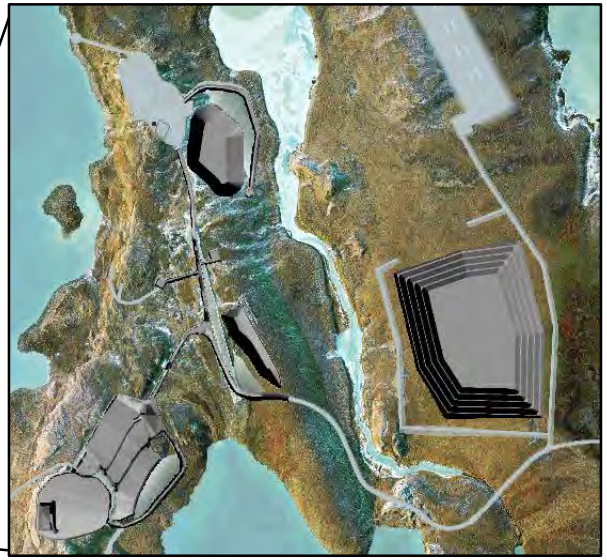
ᓴᐅᔭᐅᓂᑯᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᓇᔪᕐᕕᒃ ᐸᔅᑕᓐ - ᒪᑐᓂᖓ



ᓇᐃᓈᖅᓯᒪᔪᑦ ᐅᓂᒃᑳᑦ ᐅᔭᕋᓄᑦ ᐊᑐᖅᑕᐅᙱᑦᑐᓄᑦ ᐊᐅᓚᑦᑎᓂᖅ

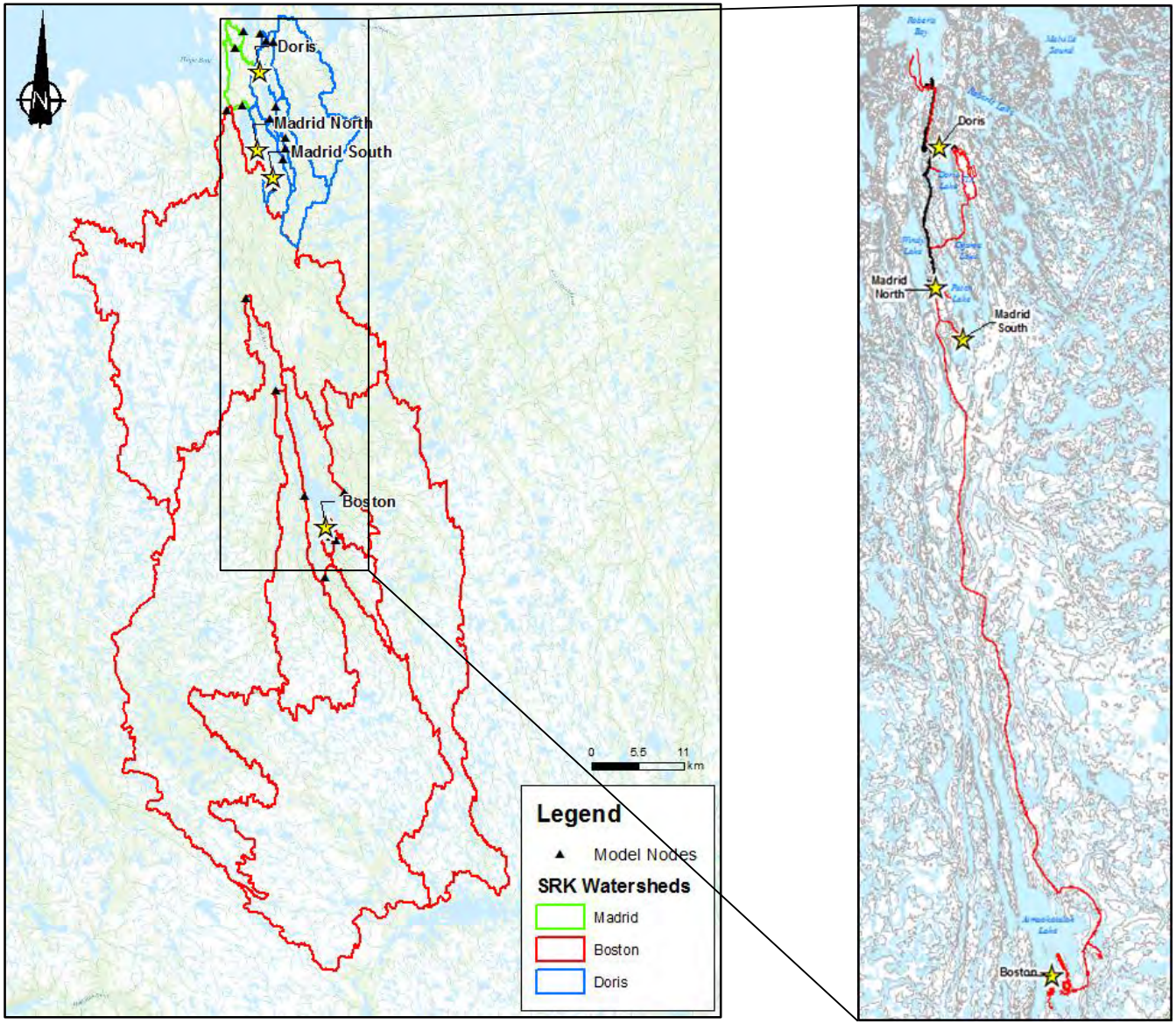






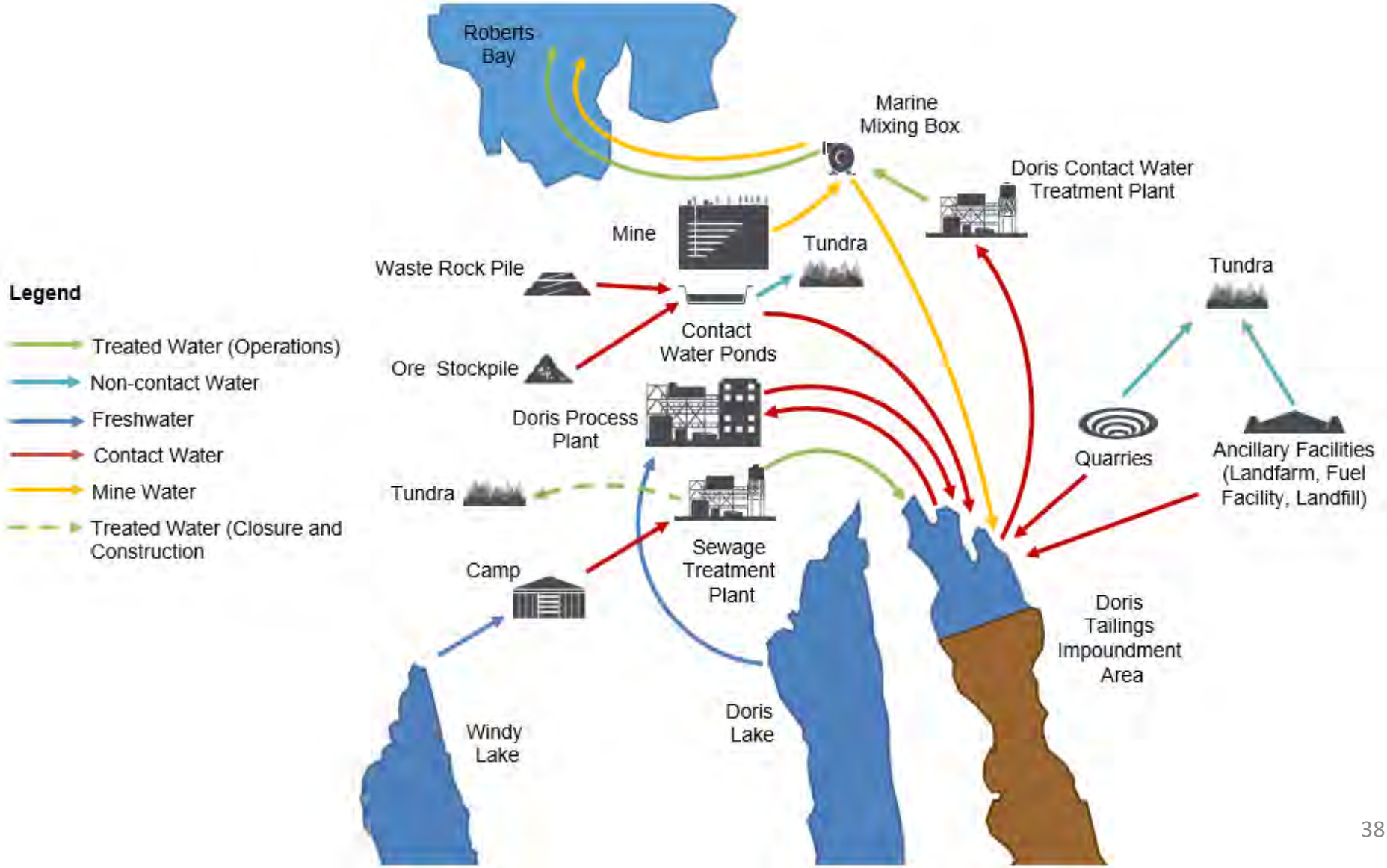
ᐃᒪᑦᑎᐊᕙᒃ ᐊᒻᒪᓗ

ᐃᒪᒃᑯᑦ ᐊᕐᕋᒃᑭᒃᓱᕐᕋᒪᔪᑦ



ᑐᐊᕆᔅ ᐃᒪᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ

ᑐᐊᕆᔅ ᐃᒪᖕᒐᑕ ᐊᐅᓚᑦᑎᓂᖅ



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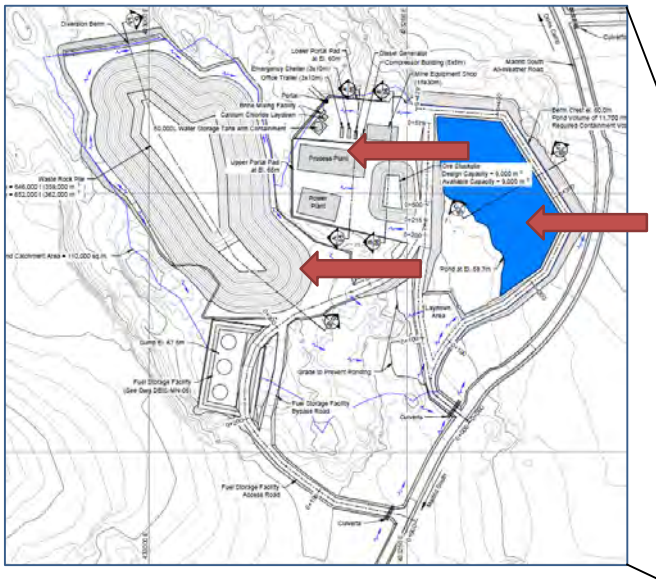
ᓇᓗᓇᐃᒃᑯᑕᐃᑦ



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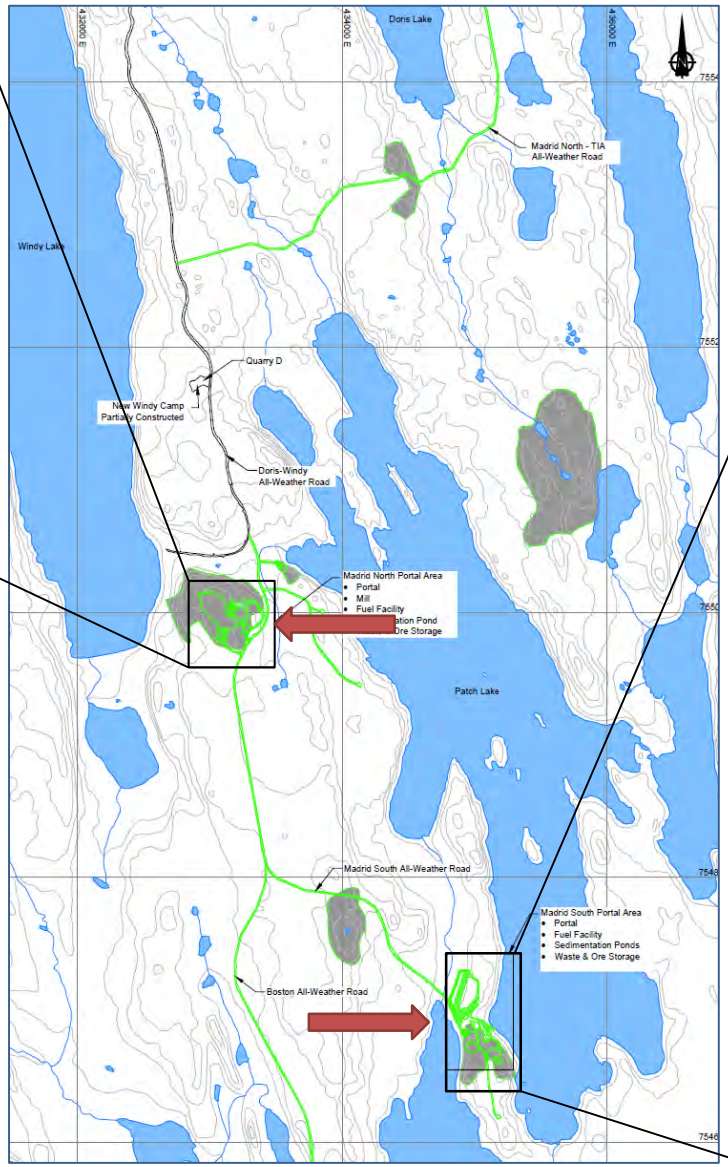

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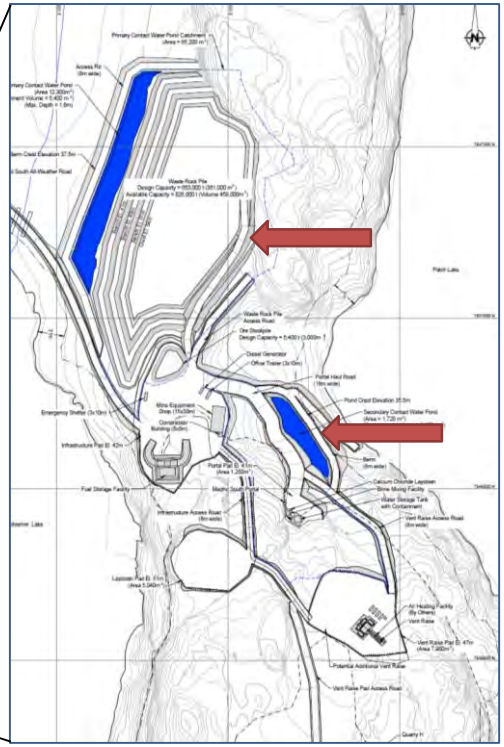

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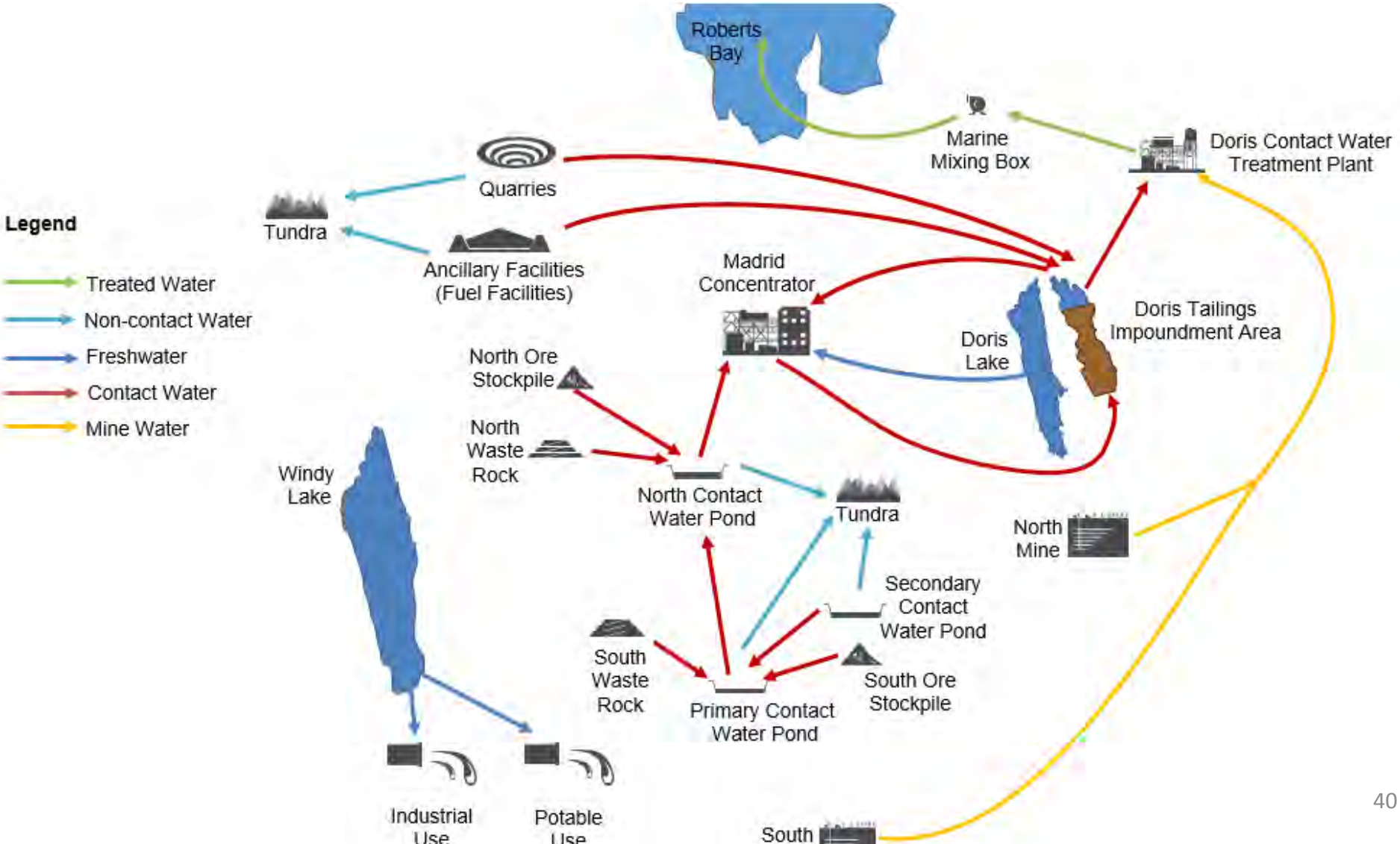
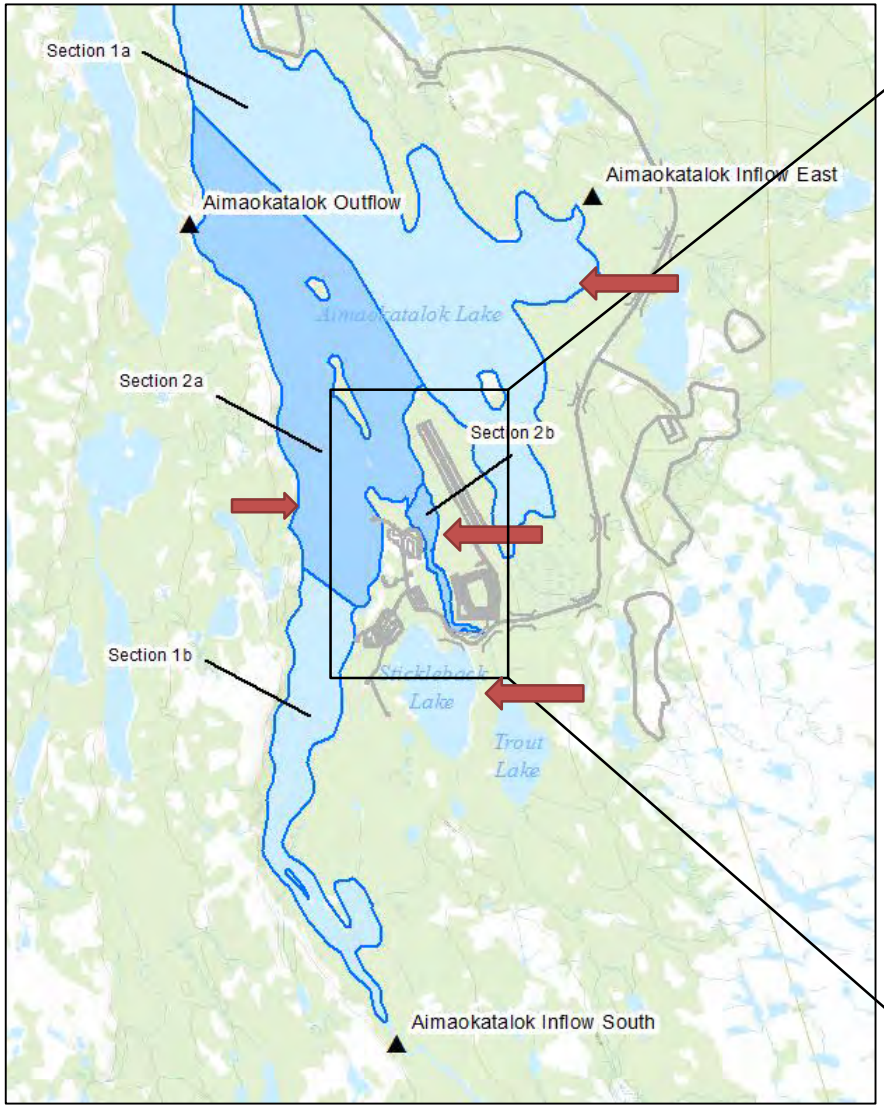
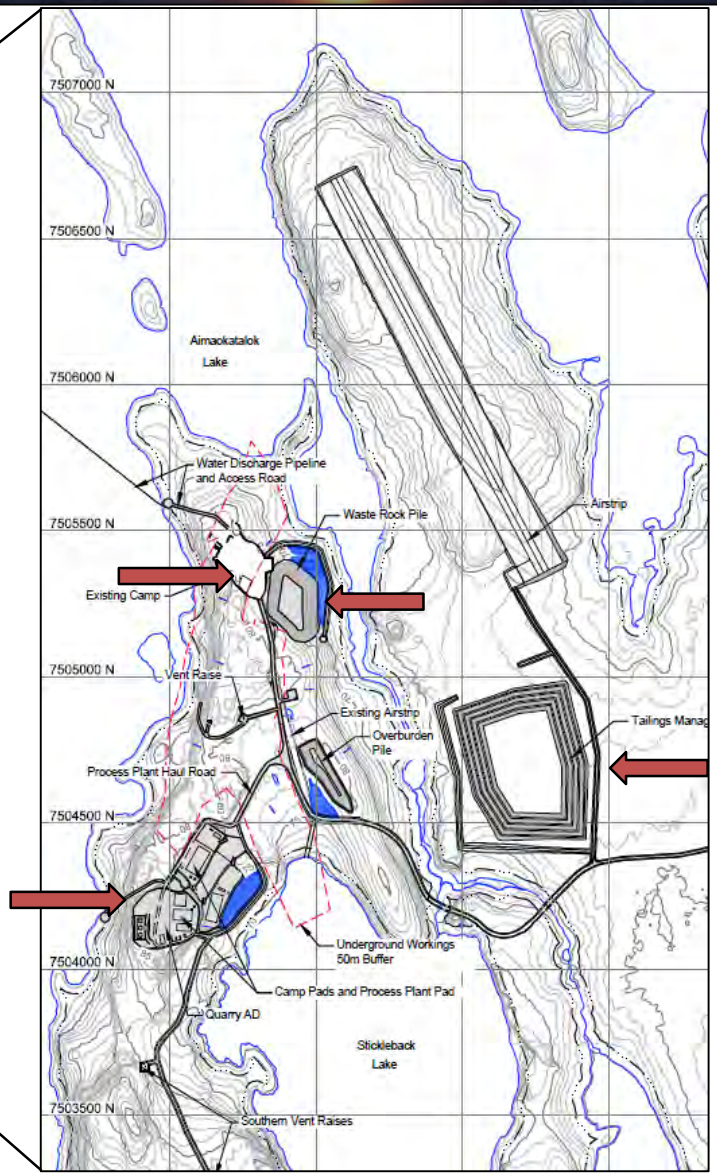


ᐸᔅᑕᓐ ᓇᔪᕐᕕᖓᑕ ᓇᓗᓇᐃᒃᑯᑕᑦ ᐊᒻᒪᓗ ᐊᐃᒪᐅᒃᑦᑕᓗᒃ ᑕᓯᖓ





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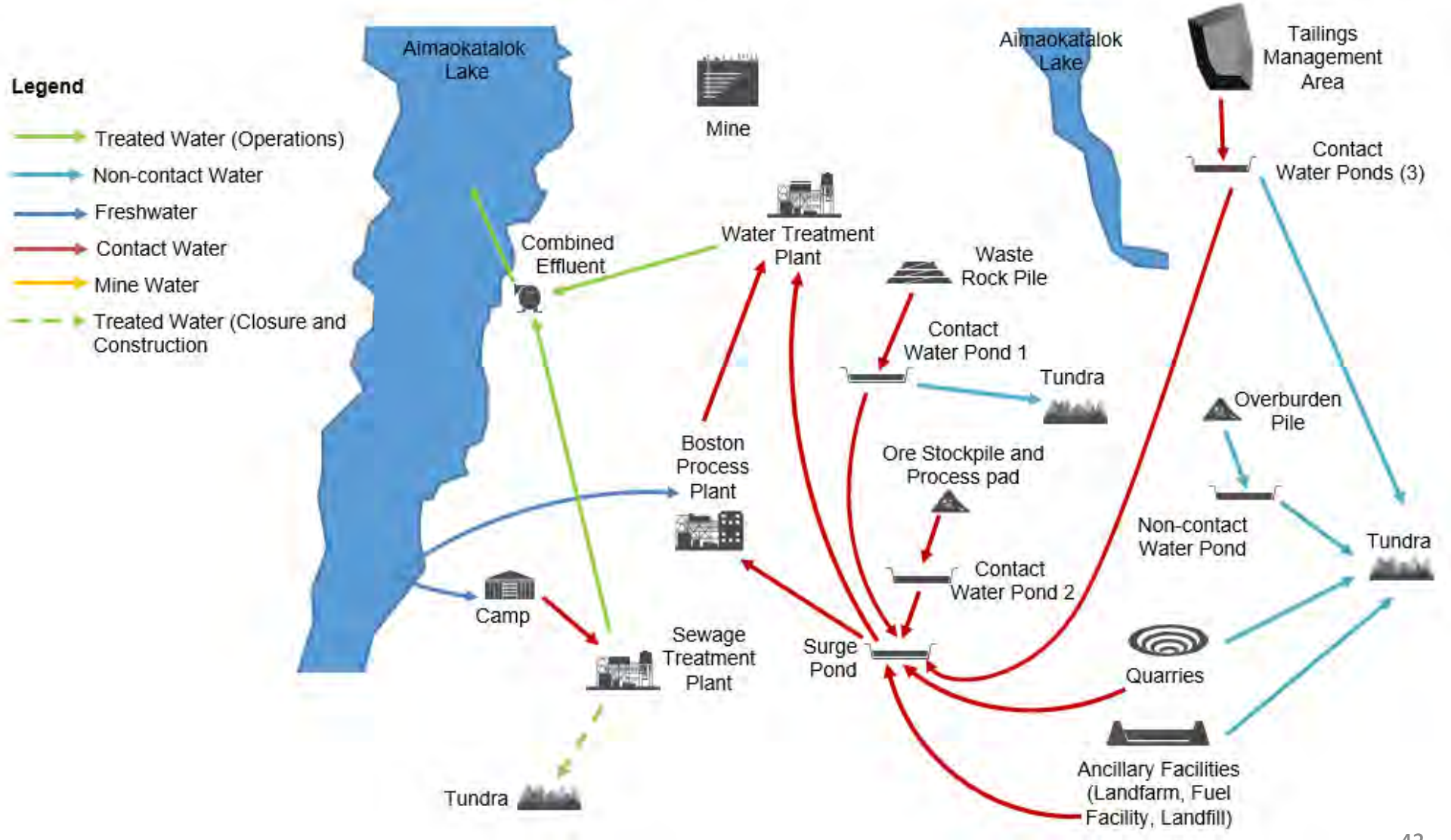
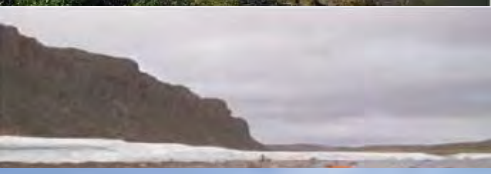
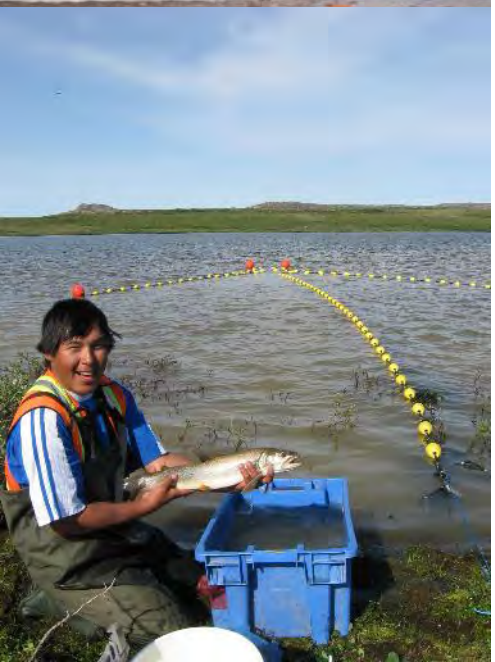


ᐃᒪᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ

ᐃᒪᑦᑎᐊᕙᐅᑉ ᐊᕙᑎᖓ





- **ᒪᑦᓇᑦᒦᔅᑕᓐ ᐃᓚᖓ** 2
  - ᐱᒻᒪᕆᐅᔪᑦ ᐆᒪᔪᓄᑦ ᐊᕙᑎᖓ ᐊᔾᔨᒌᙱᑦᑐᑦ:
    - ᐃᒪᐅᑉ ᖃᖓᑕ
    - ᐃᒪᐅᑉ ᖃᖓᑕ ᖃᓄᐃᓐᓂᖏᑦ
    - ᓴᐅᔭᐅᓂᑯᐃᑦ ᖃᓄᐃᓐᓂᖏᑦ
    - ᐃᖃᓗᐃᑦ
      - ᐃᖃᓗᐃᑦ ᐊᒥᓲᓂᖏᑦ
      - ᐃᖃᓗᐃᑦ ᓇᔪᕐᕕᖏᑦ

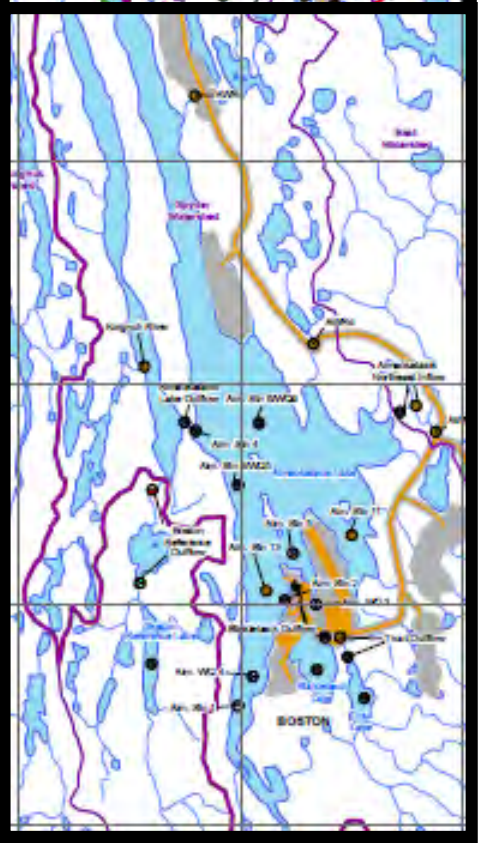
➢ ᐱᒻᒪᕆᐅᙱᑦᑐᒃᑯᑦ ᕿᒪᒃᑕᐅᓯᒪᔪᓄᑦ ᐱᕙᓪᓕᐊᔪᑦ ᐱᓕᕆᐊᔅᓴᒥ ᐃᒪᑦᑎᐊᕙᒻᒧᑦ ᐊᕙᑎᖏᑕ

ᐃᒪᑦᑎᐊᕙᐅᑉ ᐊᕙᑎᖓ – ᖃᐅᔨᓴᕐᓂᖅ

ᑕᐃᒪᐅᑐᐃᓐᓇᕆᐊᖃᖅᑐᑦ ᐱᕙᓪᓕᐊᔪᑦ ᐃᒪᑦᑎᐊᕙᐅᑉ ᐊᕙᑎᖏᑕ ᖃᐅᔨᓴᖅᑕᐅᓂᐊᖅᑐᑦ:

- ᐃᒪᐃᑦ ᐱᕙᓪᓕᐊᔪᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᓴᐃᑦ
- ᐊᕙᑎᒥ ᐱᕙᓪᓕᐊᔪᑦ ᖃᐅᔨᓴᕐᓂᖅ ᓴᕕᕋᐅᔭᐃᑦ ᐊᒻᒪᓗ ᑲᓄᖃ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ ᑯᕕᕙᓪᓕᐊᔪᑦ ᐊᑐᐊᒐᖏᑦ
- ᖃᐅᔨᓴᕐᓂᖅ ᐱᓕᕆᐊᓴᐃᑦ ᐊᑐᖅᑕᐅᔪᓐᓇᖅᑐᒃᑯᑦ Type A ᐃᒪᒧᑦ ᓚᐃᓴᑦ
- ᐃᖃᓗᓕᕆᔨᑦ ᐊᑐᐊᒐᖏᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐊᒻᒪᓗ ᐱᕙᓪᓕᐊᓂᖏᑦ

ᑐᙵᕐᕕᖓ ᐊᒻᒪᓗ ᑕᐃᒪᐅᔪᑦ ᐊᕙᑎ



- **ᐃᒪᑦᑎᐊᕙᐅᑉ ᑎᑎᕋᖅᓯᒪᓂᖏᑦ ᑲᑎᖅᓱᖅᑕᐅᓯᒪᔪᑦ ᕼᐅᑉ ᐱ ᐱᐅᑦ 1993 ᐱᒋᐊᖅᑎᓪᓗᒍ**
  - ᐱᓕᕆᐊᕐᓴᐃᑦ ᑕᓯᓄᑦ ᐊᒻᒪᓗ ᑰᓄᑦ
  - ᓇᓗᓇᐃᒃᑯᑕᐃᑦ ᑕᑦᑦ ᐊᒻᒪᓗ ᑰᑦ
- **ᐃᒪᑦᑎᐊᕙᒃ ᑕᑦᑦ ᐊᒻᒪᓗ ᑰᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ ᐃᓚᖃᖅᑐᑦ ᐅᑯᓂᖓ:**
  - ᐃᒪᓕᕆᓂᖅ (ᑰᑦ) ᐊᒻᒪᓗ ᑕᑦᑦ ᐊᑦᑎᓐᓂᖏᑦ
  - ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖏᑦ (ᐅᑭᐅᖅ ᐊᒻᒪᓗ ᐊᐅᔭᖅ)
  - ᓴᐅᔭᐅᓂᑯᐃᑦ ᖃᓄᐃᓐᓂᖏᑦ (ᐊᐅᔭᖅ)
  - ᓯᕗᓪᓕᑦ ᓄᐃᕙᓪᓕᐊᔪᑦ
  - ᑐᒡᓕᖓᑕ ᓄᐃᕙᓪᓕᐊᔪᑦ
  - ᐃᖃᓗᐃᑦ ᐊᒻᒪᓗ ᐃᖃᓗᐃᑦ ᓇᔪᕐᕕᖏᑦ, ᐃᓚᒋᓗᒋᑦ ᓴᕕᕋᔭᐃᑦ ᐃᓚᓴᖏᑦ

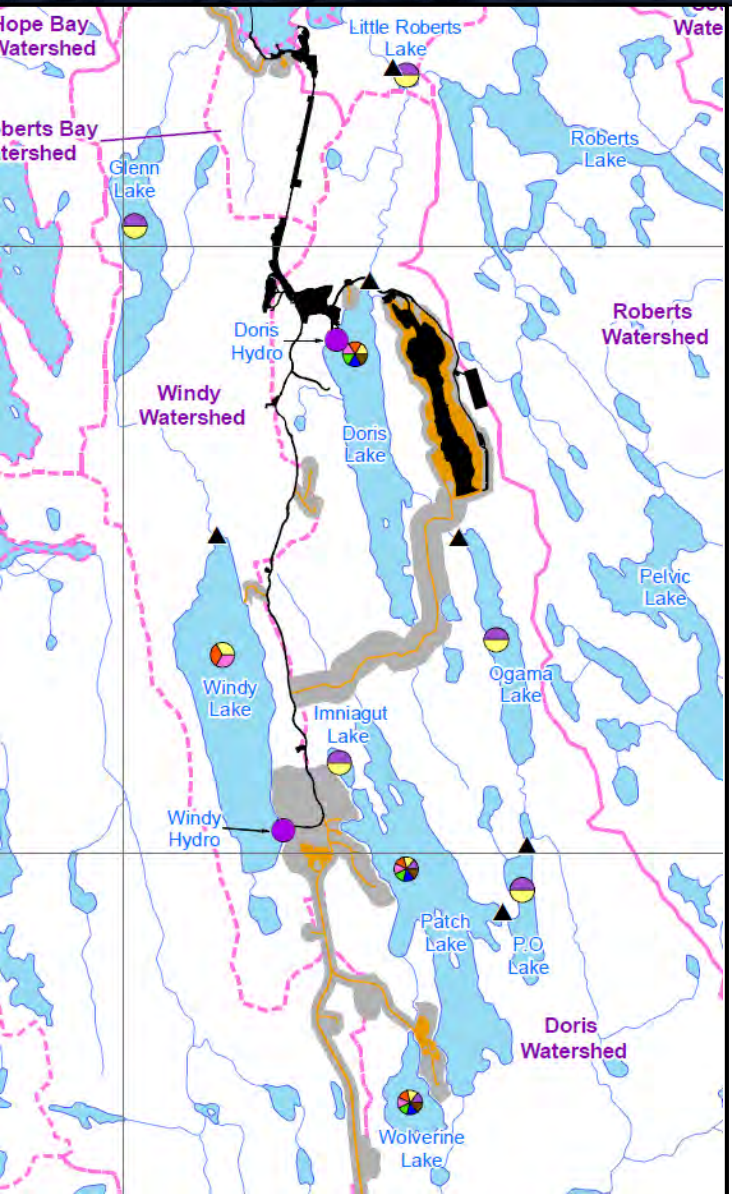
Aquatic Effects Monitoring Program

ᐃᒪᓕᕆᓂᕐᒧᑦ ᐊᐅᓚᕙᓪᓕᐊᔪᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐱᓕᕆᐊᓴᖅ ᓇᓗᓇᐃᔭᖅᓯᒪᔪᑦ ᑕᐃᒪᐅᑐᐃᓐᓇᕆᐊᖃᖅᑐᓂᒃ ᐃᒪᓕᕆᓂᕐᒧᑦ ᐱᕙᓪᓕᐊᔪᓂᒃ ᓯᕗᓪᓕᒥᑦ (ᐃᓚᓴᓴᖃᖅᑎᑕᐅᔪᓄᑦ ᑯᕕᕙᓪᓕᐊᔪᓂᒃ) ᐊᒻᒪᓗ ᐊᑯᓐᓂᖓᓂ (ᑯᕕᕙᓪᓕᐊᔪᑦ, ᓯᐅᕋᖅ) ᐱᓕᕆᐊᓴᓄᑦ ᐊᑐᐃᓐᓇᐅᔪᓐᓇᖅᑐᓂᒃ ᐊᒻᒪᓗ ᓱᕋᒃᑕᐃᓕᒪᓂᕐᒧᑦ.

ᐱᕙᓪᓕᐊᓂᖅ ᐃᓚᒋᔭᐅᔪᓄᑦ ᐅᖃᐅᓯᑦ:

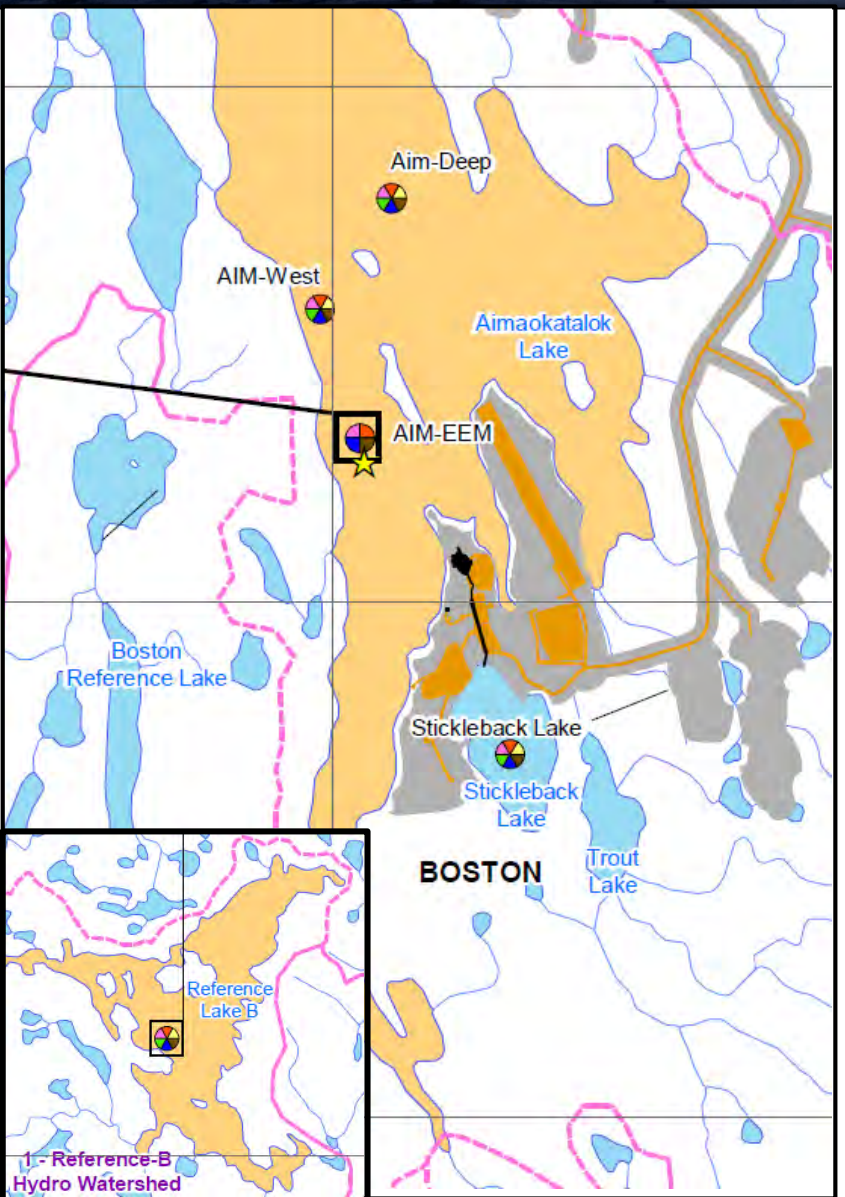
- ᐱᐅᑦᓕᒫᒥ ᐱᓕᕆᐊᓴᖅ (ᑐᐊᕆᔅ, ᒪᑦᕆᑦ ᐊᒻᒪᓗ ᐸᔅᑕᓐ ᓇᔪᕐᕕᖕᒋᑦ)
- ᐃᒪᓕᕆᓂᕐᒧᑦ ᑭᐅᔾᔪᑎᑦ ᐱᓕᕆᐊᓴᐃᑦ
- ᐱᕚᓪᓕᖅᓯᒪᔪᑦ ᐃᐸᐱᒋᑦᑎᐊᕐᓂᒃᑯᑦ ᐱᓕᕆᐊᓴᐃᑦ ᒐᕙᒪᕐᔪᐊᒃᑯᑦ ᓴᕕᕋᔭᐃᑦ ᐊᒻᒪᓗ ᑲᓐᓄᕐᑲᓄᑦ ᐱᕙᓪᓕᐊᔪᓄᑦ ᐊᑐᐊᒐᐃᑦ
- ᐃᓚᒋᔭᐅᔪᑦ ᐃᒪᐃᑦ ᐊᑦᑎᓐᓂᖕᒋᑦ ᐊᒻᒪᓗ ᑰᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ (ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᐱᕙᓪᓕᐊᓂᖕᒋᑦ)
- ᕕᓐᑎ ᑕᓯᖕᒐ ᖃᐅᔨᓴᕈᑎᓴᓴᐃᑦ
- ᐃᓚᒋᐊᖅᑕᐅᔪᑦ ᖃᐅᔨᓴᕈᑎᓴᓴᐃᑦ ᓴᓇᕐᕈᑎᒃᑯᑦ ᖃᐅᔨᓴᕐᓂᖅ

ᐃᒪᓕᕆᓂᕐᒧᑦ ᐱᕙᓪᓕᐊᔪᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐱᓕᕆᐊᓴᖅ ᐅᐊᖕᓇᖕᒐᑕ ᐱᐅᑦ (ᑐᐊᕆᔅ ᐊᒻᒪᓗ ᒪᑦᕆᑦ)



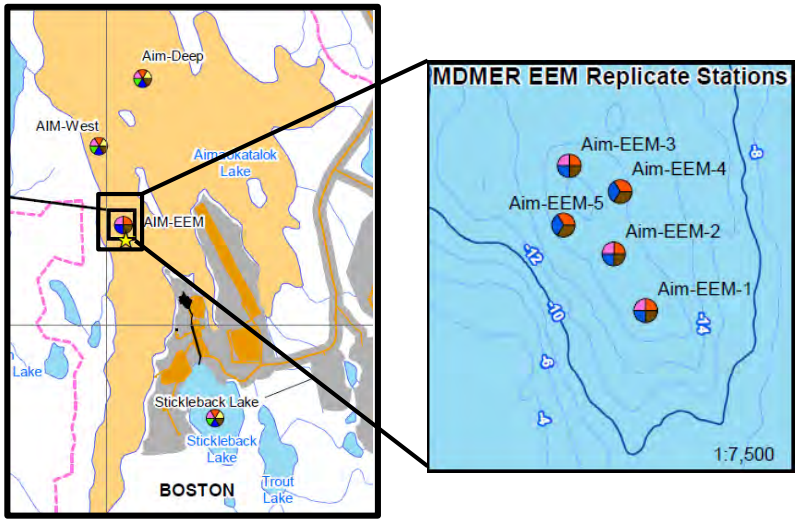
- ᐊᑯᓐᓂᖕᒐᓂ ᐊᑐᐃᓐᓇᐅᔪᓴᐃᑦ
  - ᐃᒪᐃᑦ ᑰᕙᓪᓕᐊᔪᑦ ᐊᒻᒪᓗ ᐃᓯᖅᐸᓪᓕᐊᔪᑦ
  - ᑰᒃᐸᓪᓕᐊᔪᑦ ᐊᒻᒪᓗ ᓯᐅᕋᖅ
- ᑐᐊᕆᔅ, ᐹᔅ, ᕕᓐᑎ, ᕗᕗᓈᓐ ᑕᓯᖕᒋᑦ
  - ᐃᒪᐃᑦ ᐊᑦᑎᓐᓂᖕᒋᑦ
  - ᐃᒪᐃᑦ ᐊᒻᒪᓗ ᓴᐅᔭᐅᓂᑯᐃᑦ ᖃᓄᐃᓐᓂᖕᒋᑦ
  - ᐆᒪᔪᓕᕆᓂᖅ
- ᐅᒐᒪ, P.O., ᒡᓕᓐ, ᓕᑐ ᕋᐳᑦ
  - ᐃᒪᐃᑦ ᐊᑦᑎᓐᓂᖕᒋᑦ

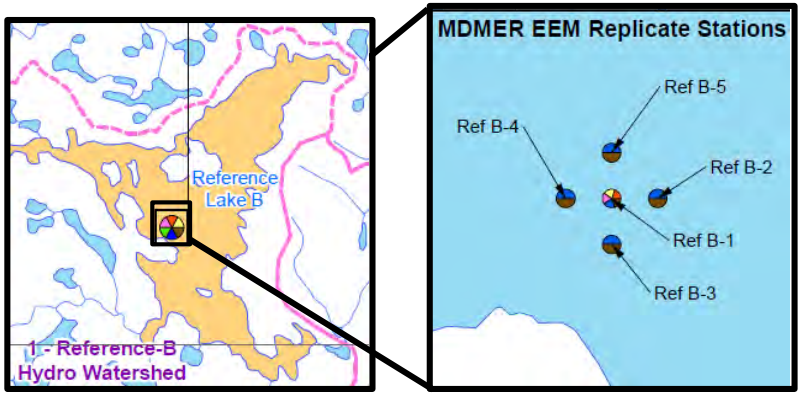
ᐃᒪᓕᕆᓂᕐᒧᑦ ᐱᕙᓪᓕᐊᔪᒃᑯᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐱᓕᕆᐊᓴᖅ (ᓂᒡᒋᐊᓂ ᐱᐅᑦ (ᐹᓴᑕᓐ)



- ᐊᐃᒪᐅᒃᑕᑦᑕᓗᒃ ᑕᓯᖕᒐ
  - ᓯᕗᓪᓕᖅ ᐊᑐᐃᓐᓇᐅᔪᑦ (ᐃᓚᓴᖃᖅᑐᑦ ᑯᕕᕙᓪᓕᐊᔪᑦ)
  - ᐊᑯᓐᓂᖕᒐᓂ ᐊᑐᐃᓐᓇᐅᔪᑦ
  - 2 ᐱᓕᕆᐊᓴᐅᑉ ᓇᔪᕐᕕᖕᒐ
  - 1 ᒐᕙᒪᕐᔪᐊᒃᑯᑦ ᑰᕙᓪᓕᐊᔪᑦ ᐊᑐᐊᒐᐃᑦ ᓇᔪᕐᕕᓄᑦ
- ᓴᑎᑯᐸᒃ ᑕᓯᖕᒐ
  - ᐊᑯᓐᓂᖕᒐᓂ ᐊᑐᐃᓐᓇᐅᔪᑦ
  - 1 ᐱᓕᕆᐊᓴᐅᑉ ᓇᔪᕐᕕᖕᒐ
- ᓇᓗᓇᐃᖅᓯᒪᔪᖅ ᑕᓯᖅ B
  - 1 ᐱᓕᕆᐊᓴᖅ/ᒐᕙᒪᕐᔪᐊᒃᑯᑦ ᑰᕙᓪᓕᐊᔪᑦ ᐊᑐᐊᒐᐃᑦ ᓇᔪᕐᕕᓄᑦ

ᓴᕕᕋᔭᐃᑦ ᐊᒻᒪᓗ ᑲᓐᓄᖅᑳ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ ᑰᕙᓪᓕᐊᔪᓄᑦ ᐊᑐᐊᒐᐃᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᓴᖅ





- ᑯᕕᕙᓪᓕᐊᔪᑦ ᐃᓚᓴᖃᖅᑐᑦ ᐃᒪᐃᑦ ᐊᐃᒪᐅᑲᑦᑕᔫᑉ ᑕᓯᓐᒐᓄᑦ
- ᐊᑐᖅᑕᐅᔭᕆᐊᖃᖅᑐᑦ ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᐊᑐᐊᒐᓐᒋᓐᓂᑦ
  - ᐃᒪᖅ, ᓴᐅᔭᐅᓂᑯᐃᑦ, ᐃᒪᐅᑉ ᓇᑎᐊᑕ ᓴᙱᙱᑦᑐᑦ, ᐃᖃᓗᐃᑦ
  - ᐱᒋᐊᖅᑳᖅᑎᓐᓇᒋᑦ–ᐱᐊᓂᒃᑎᓪᓗᒋᑦ–ᐱᕙᓪᓕᐊᔪᑦ–ᐊᐅᓚᑦᑎᓂᖅ ᐋᖅᑭᒃᓯᒪᔪᑦ (BACI)
  - ᓇᔪᕐᕕᑦ ᐊᑐᕐᓗᒋᑦ ᐃᒪᓕᕆᓂᕐᒧᑦ ᐆᑦᑐᕋᐅᑎᑦ

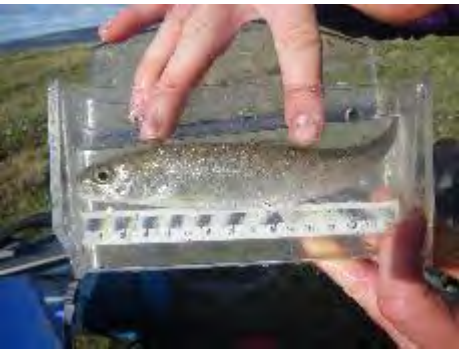
ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᐊᑐᐊᒐᐃᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ

ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐊᑐᐃᓐᓇᐅᔪᑦ ᑕᒪᕐᒥᑦ ᐱᓕᕆᐊᓴᓄᑦ ᐱᕙᓪᓕᐊᔪᑦ ᓄᖑᕙᓪᓕᐊᔪᓄᑦ ᐃᖃᓗᓐᓂᑦ ᓇᔪᕐᕕᖕᒋᑕ/ᐱᕈᖅᐸᓪᓕᐊᓂᖕᒋᑕ

- ᐃᒪᐃᑦ ᑰᕙᓪᓕᐊᔪᑦ ᑰᓂᑦ/ᑕᓯᓂᑦ
- ᑰᑦ ᑰᕙᓪᓕᐊᔪᑦ ᐃᑳᖅᑕᐅᕝᕕᑦ
- ᑕᐃᒪᐅᔪᑦ ᓱᓪᓗᐃᑦ/ᐃᓯᖅᐸᓪᓕᐊᔪᑦ ᑕᓯᐅᑉ ᓇᑎᐊᓂ

ᑕᐃᒪᐅᔪᑦ ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᑐᐊᓇᕐ ᐅᔭᕋᖕᓂᐊᕐᕕᖕᒐᓂ

- ᑎᔪ ᑕᓯᖕᒐ ᑰᕙᓪᓕᐊᔪᑦ
- ᕋᐳᑦ ᐱ ᑐᓚᕝᕕᒃ



ᐃᓱᒪᒋᔭᐅᔪᑦ ᐊᖏᕈᑎᓄᑦ ᒪᑦᓇᑦ–ᐹᕐᑕᓐ

- ᐊᖏᖅᑕᐅᓯᒪᔪᑦ ᐱᔭᐅᔭᕆᐊᖃᖅᑐᑦ ᐱᒋᐊᖅᑳᖅᑎᓐᓇᒋᑦ ᓄᖑᕙᓪᓕᐊᔪᓄᑦ ᐃᖃᓗᐃᑦ ᓇᔪᕐᕕᖕᒋᑕ ᐅᕝᕙᓘᓐᓃᑦ ᐊᒥᓲᕙᓪᓕᐊᔪᓄᑦ ᐱᓕᕆᐊᓴᒧᑦ
- ᒫᓐᓇᐅᔪᒃᑯᑦ ᐱᓕᕆᐊᕆᔭᐅᔪᑦ ᐃᖃᓗᓐᓄᑦ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ

ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ ᐱᓕᕆᐊᔅᓴᐃᑦ

ᐱᕙᓪᓕᐊᔪᓄᑦ ᐊᑐᐃᓐᓇᐅᔭᕆᐊᖃᖅᑐᑦ ᓈᒻᒪᓈᕆᐊᕐᑯᓪᓗᒋᑦ ᓄᖑᕙᓪᓕᐊᔪᓄᑦ ᐃᖃᓗᐃᑦ ᓇᔪᕐᕕᖕᒋᑕ/ᐱᕈᖅᐸᓪᓕᐊᓂᖕᒋᑕ

- ᑕᑯᒐᓐᓈᖅᑎᑦᑎᓂᖅ ᐃᓄᖕᓄᑦ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᐅᖃᐅᔾᔪᐃᔨᑦ ᑲᑎᒪᔨᖕᒋᑦ ᐃᓚᒋᔭᐅᔪᑦ ᐃᒪᓕᕆᔨᒃᑯᑦ ᑲᓇᑕᒥ
- ᐱᕙᓪᓕᐊᓂᖅ ᐃᓱᒪᒃᓴᖅᓯᐅᕈᑕᐅᔪᑦ ᐅᖃᐅᓯᒃᑯᑦ KIA–ᑯᓐᓂᑦ, ᓄᓇᕗᑦ ᑲᑎᒪᔨᖕᒋᓐᓂᑦ ᐊᒻᒪᓗ ᒐᕙᒪᕐᔪᐊᒃᑯᓐᓂᑦ
  - ᓱᖕᒋᐅᑎᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᕙᓪᓕᐊᓂᖅ
  - ᑕᓯᐅᑉ ᐃᒪᖕᒋᑕ ᐊᑦᑎᓂᖕᒋᑦ ᐊᒻᒪᓗ ᑰᕙᓪᓕᐊᔪᑦ ᐊᐅᓚᓂᖕᒋᑦ
  - ᑐᙵᕐᕕᓄᑦ–ᐱᓪᓚᑏᑦ ᐱᕙᓪᓕᐊᔪᓄᑦ ᓇᔪᕐᕕᓄᑦ ᓂᕈᐊᖅᑕᐅᔪᓐᓇᖅᑐᑦ
- ᐃᓚᒋᓗᒋᑦ ᐅᔭᕋᖕᓂᐊᕐᕖᑦ ᐊᒻᒪᓗ ᓇᔪᕐᕕᐅᙱᑦᑐᓂ ᓄᓇᒋᔭᒥ ᓇᔪᕐᕖᑦ ᐃᖃᓗᐃᑦ ᐊᒥᓲᕙᓪᓕᐊᓂᖕᒋᑦ ᐱᕚᓪᓕᕈᑕᐅᔪᓐᓇᖅᑐᑦ
- ᑐᙵᕐᕖᑦ ᐱᓕᕆᐊᔅᓴᓄᑦ ᐃᑲᔫᑎᖃᕐᓗᑎᒃ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ 2018–ᒥ
- TMAC–ᑯᑦ ᑲᔪᓯᓂᐊᖅᑐᑦ ᐃᖅᑲᓇᐃᔭᕐᓗᑎᒃ ᐃᓄᓐᓂᑦ ᐊᒻᒪᓗ ᐊᓯᖕᒋᑦ ᐱᔪᒪᔪᓄᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒍᔪᓄᑦ ᐱᕙᓪᓕᐊᓂᒃᑯᑦ

ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᖃᐅᔨᓴᕐᓂᖅ

ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐅᑯᓄᖓ ᒪᓕᒃᓗᒋᑦ:

- ᓴᕕᕋᔭᐃᑦ ᐊᒻᒪᓗ ᑲᓐᓄᖅᑳ ᐅᔭᕋᖕᓂᐊᕐᕕᒃ ᑰᒃᐸᓪᓕᐊᔪᓂᒃ ᐊᑐᐊᒐᖕᒋᑦ
- ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᐊᑐᐊᒐᖕᒋᑦ ᐊᖕᒋᕈᑎᖕᒋᑦ
- ᐃᖃᓗᓕᕆᔨᒃᑯᑦ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ ᐱᓕᕆᐊᓴᓴᐃᑦ
- ᐊᓯᖕᒋᑦ ᐱᓕᕆᐊᓴᓴᐃᑦ (ᐆᑦᑑᑎᒋᓗᒋᑦ ᑰᑦ ᐃᑳᕐᕕᑦ ᓴᓇᓂᕐᒧᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐸᕐᓇᐅᑎᑦ, ᐱᔪᒪᓂᒃᑯᑦ DFO-3.1.1)

ᓇᐃᓈᖅᓯᒪᔪᑦ ᐅᓂᒃᑳᑦ

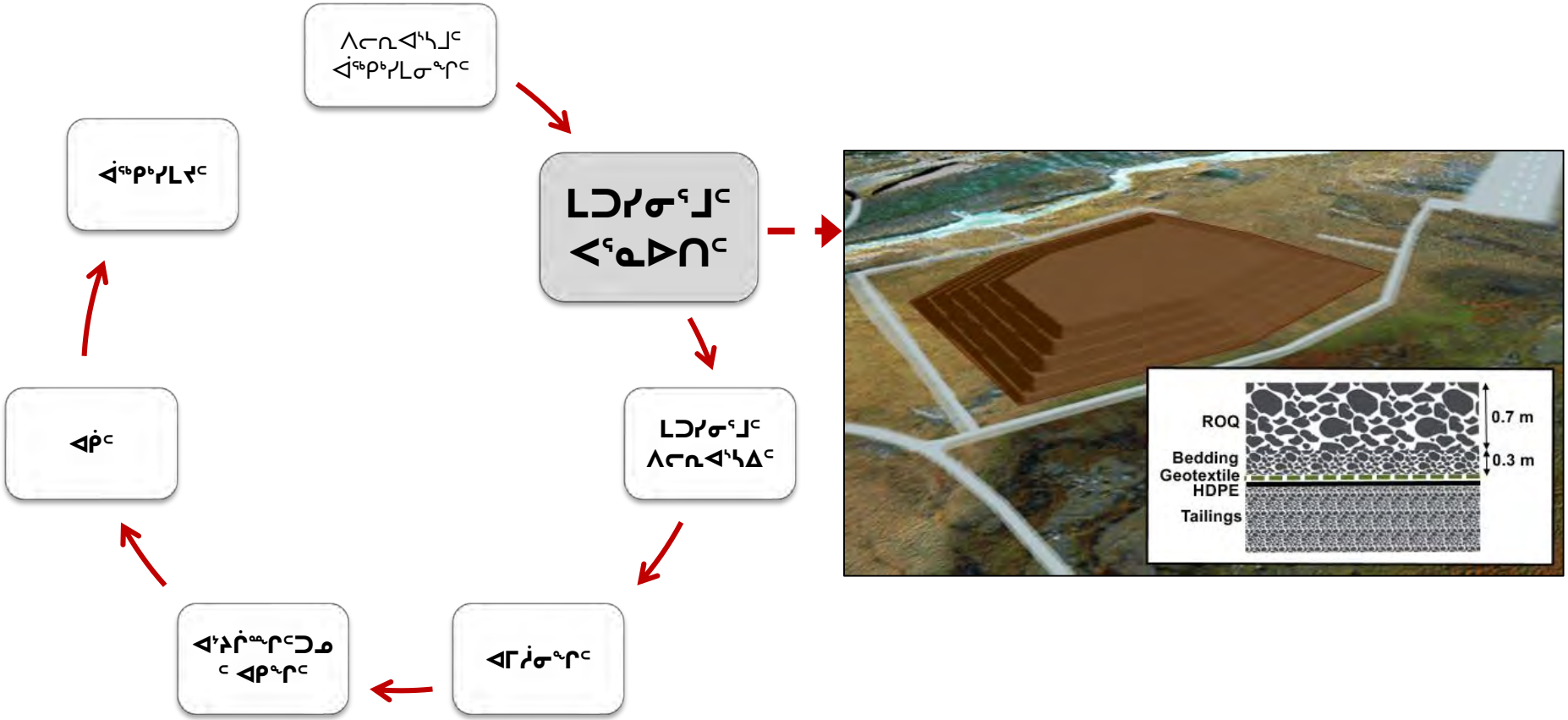
TMAC–ᑯᑦ ᐊᒃᓱᕈᖅᑐᑎᒃ ᐃᖅᑲᓇᐃᔭᖅᓯᒪᔪᑦ ᑐᑭᓯᐊᓗᑎᒃ ᐊᒻᒪᓗ ᓱᕋᒃᑎᑦᑎᑕᐃᓕᒪᓂᕐᒧᑦ ᑕᐃᒪᐅᑐᐃᓐᓇᕆᐊᖃᖅᑐᓂᒃ ᐱᕙᓪᓕᐊᔪᓂᒃ ᐃᓚᖃᖅᑐᑦ ᕼᐅᑉ ᐱ ᐱᓕᕆᐊᓴᖕᒐᓄᑦ ᐃᓚᖃᖅᑐᑦ:

- ᑕᒪᒃᑮᑦ ᑐᙵᕝᕕᑦ ᖃᓄᐃᓐᓂᖕᒋᑦ
- ᐃᓱᒪᒋᔭᐅᔪᑦ ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖕᒋᑦ, ᐊᒥᓲᓂᖕᒋᑦ ᐊᒻᒪᓗ ᑯᕕᕙᓪᓕᐊᔪᑦ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ ᐆᑦᑐᕋᐅᑎᑦ
- ᐱᕙᓪᓕᐊᓂᖅ ᑕᒪᒃᑭᓄᑦ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᓴᐃᑦ
- ᐅᖃᖃᑎᖃᕐᓂᖅ ᐃᓄᐃᑦ ᓄᓇᓕᖕᒋᓐᓄᑦ, ᕿᑎᕐᒥᐅᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᖕᒋᑦ, ᐊᒻᒪᓗ ᒐᕙᒪᓕᕆᔨᕐᔪᐊᒃᑯᑦ, ᐃᓚᒋᓗᒋᑦ ᐃᓱᒪᒃᓴᖅᓯᐅᕐᓂᖅ ᓴᓇᔭᕆᐊᖃᖅᑐᒃᑯᑦ ᐅᖃᐅᓯᓂᒃ ᐊᒻᒪᓗ ᐊᑐᖅᑕᐅᕐᑯᔭᐅᙱᐊᖅᑐᓂᒃ

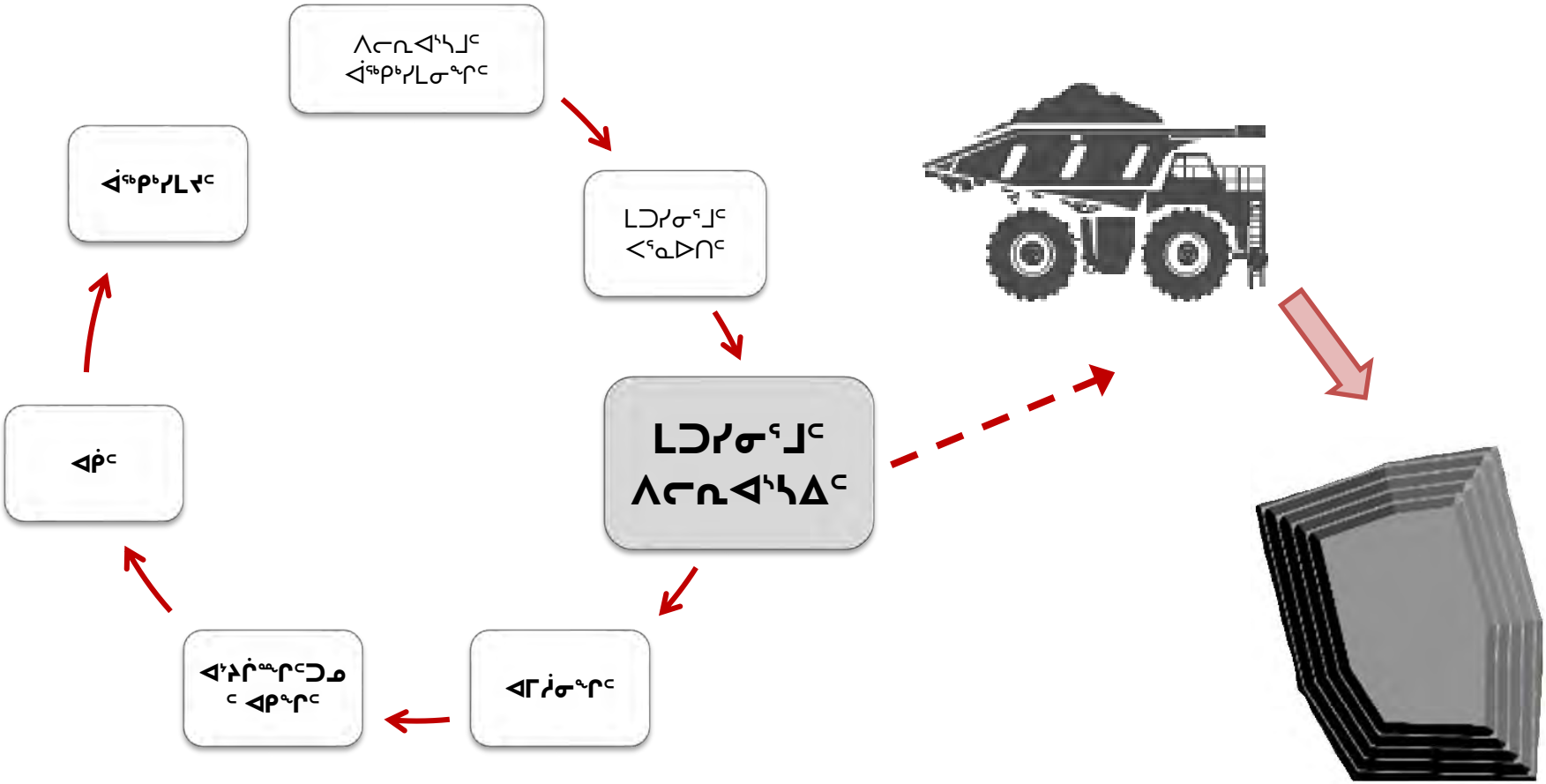
TMAC–ᑯᑦ ᐱᔪᒪᑦᑎᐊᖅᑐᑦ ᐃᖅᑲᓇᐃᔭᕐᓗᑎᒃ ᐊᑲᐅᓈᖅᑐᒃᑯᑦ ᐃᓄᓐᓂᑦ, ᓄᓇᕗᒻᒥ ᑲᑎᒪᔨᑦ ᐊᒻᒪᓗ ᒐᕙᒪᓕᕆᔨᕐᔪᐊᒃᑯᑦ ᐃᒪᐅᑉ ᓚᐃᓴᖕᒐᑎᒍᑦ ᐱᕙᓪᓕᐊᓂᕐᒧᑦ ᓇᓗᓇᐃᖅᓯᑦᑎᐊᕐᓗᑎᒃ ᐱᓕᕆᐊᓴᓂᒃ ᐱᓕᕆᐊᓴᐃᑦ ᕼᐅᑉ ᐱ ᐱᐅᑦ ᐸᓯᒻᒥᔭᐅᓂᖕᒋᑕ ᐃᒪᑦᑎᐊᕙᐅᑉ ᐊᕙᑎᖕᒐᓂᑦ
ᓯᕗᓂᒧᑦ ᑕᑯᒐᓐᓈᖅᑎᑦᑎᓂᖅ ᐃᓄᖕᓄᑦ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ
ᐅᖃᐅᔾᔨᔨᑦ ᑲᑎᒪᔨᖕᒋᑦ

ᒪᑐᓯᓂᕐᒧᑦ ᐸᕐᓇᔾᔪᑎᑦ ᐊᒻᒪᓗ ᑮᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᖅ

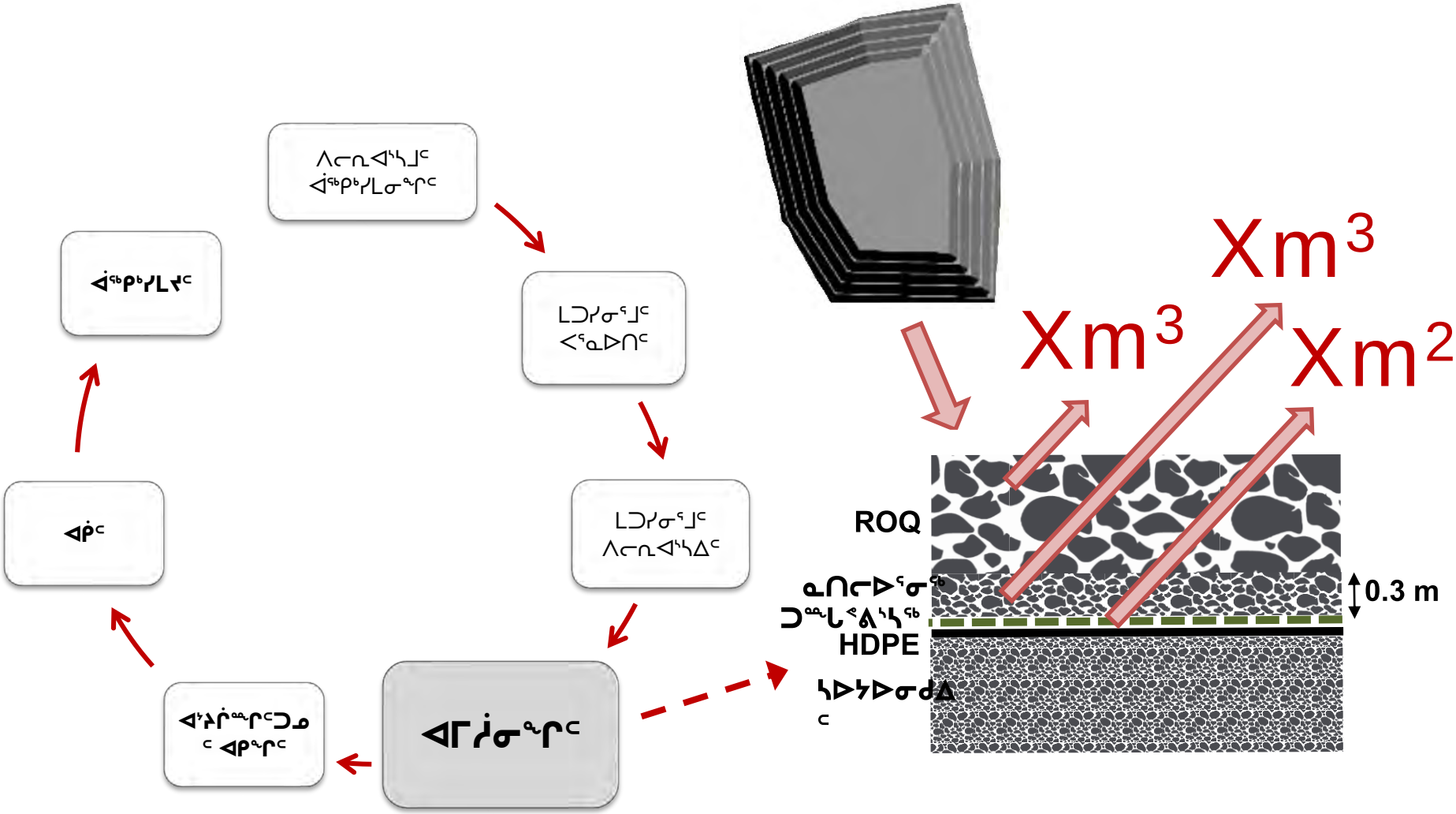
ᒪᑐᓯᓂᕐᒧᑦ ᐸᕐᓇᔾᔪᑎᑦ ᐊᒻᒪᓗ ᑮᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᖅ



ᒪᑐᓯᓂᕐᒧᑦ ᐸᕐᓇᔾᔪᑎᑦ ᐊᒻᒪᓗ ᑮᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᖅ



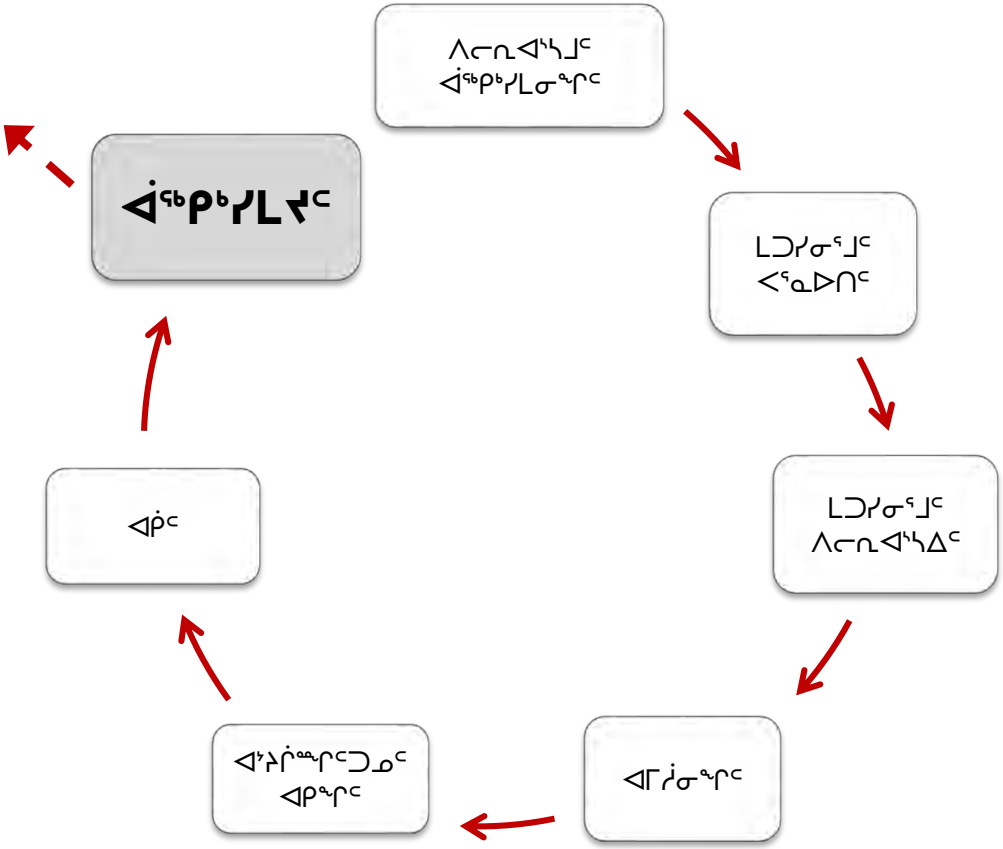
ᒪᑐᓯᓂᕐᒧᑦ ᐸᕐᓇᔾᔪᑎᑦ ᐊᒻᒪᓗ ᖖᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᖅ



ᒪᑐᓯᓂᕐᒧᑦ ᐸᕐᓇᔾᔪᑎᑦ ᐊᒻᒪᓗ ᑮᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᖅ

TMAC RESOURCES

ᓄᓇ ᐊᒻᒪᓗ ᐃᒪᖅ ᐊᕕᔾᔪᒪᓂᖕᒋᑦ



ᒪᑐᓯᓂᕐᒧᑦ ᐸᕐᓇᔾᔪᑎᑦ ᐊᒻᒪᓗ ᖖᓇᐅᔭᓕᕆᓂᕐᒧᑦ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᖅ

0 ᖃᓄᐃᓕᐅᖅᓯᒪᓂᖕᒋᑦ ᐃᓚᖓ 2

ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᕙᓪᓕᐊᓂᖅ

ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐋᖅᑭᒃᓯᒪᔪᑦ

- TMAC -ᑯᑦ ᐊᐅᓚᑎᑦᑎᔪᑦ ᐊᕙᑎᓕᕐᕆᓂᕐᒧᑦ ᐋᓐᓂᐊᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐋᖅᑭᒃᓯᒪᔪᓂᑦ ᑕᐃᒪᐅᔪᑦ ᐊᐅᓚᔭᑦᑎᓐᓂ
- ᐱᓯᒪᑦᑎᓂᖅ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐋᖅᑭᒃᓯᒪᓂᖕᒋᑦ ᐅᓂᒃᑳᒐᔅᓴᓕᐅᕐᓂᕐᒧᑦ, ᓱᖕᒋᐅᑎᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐊᒻᒪᓗ ᑲᔪᓯᓂᕐᒧᑦ ᐱᕚᓪᓕᕐᓂᕐᒧᑦ ᐅᖃᐅᔾᔪᐃᔪᖃᑦᑕᕐᓗᓂ ᐃᑲᔪᖅᑎᓂᑦ

ᑐᕌᕆᔭᐅᔪᔅᓴᐃᑦ EMS-ᒧᑦ:

ᓇᓗᓇᐃᔭᐃᓗᓂ ᐊᕙᑎᓕᕆᓂᕐᒧᑦ ᓚᐃᓴᓂᒃ, ᐱᓕᕆᐊᔅᓴᓄᒃ ᐱᔪᓐᓇᐅᑎᔅᓴᓄᒃ IIBA ᐊᒻᒪᓗ ᒪᓕᒃᑕᐅᕆᐊᖃᖅᑐᑦ ᐊᑐᐃᓐᓇᐅᔪᑦ

ᐊᕙᑎᒧᑦ ᐸᓯᒻᒥᔾᔪᑎᔅᓴᑦ ᐊᔾᔨᒌᙱᑦᑐᑦ ᐱᑦᑕᐃᓕᒪᓗᓂ ᐅᕝᕙᓘᓐᓃᑦ ᒥᑭᓪᓕᕆᐊᒐᓱᐊᕐᓗᒋᑦ ᐊᕙᑎᒧᑦ ᐱᕙᓕᐊᔪᓂᑦ

ᐃᓚᒋᔭᐅᔾᔪᑕᐅᓗᑎᒃ ᐃᓄᐃᑦ ᐃᓚᒋᔭᐅᓗᑎᒃ ᐊᒻᒪᓗ ᖃᐅᔨᒪᔭᖕᒋᑎᒍᑦ

ᓴᖅᑭᑎᑦᑎᕙᓪᓕᐊᓗᓂ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᔅᓴᓄᒃ

ᖃᐅᔨᓴᕐᓂᖅ ᐊᒻᒪᓗ ᐅᓂᒃᑳᒐᔅᓴᓕᐅᕐᓂᖅ

ᓇᓗᓇᐃᔭᐃᓗᓂ ᐃᖅᑲᓇᐃᔭᖅᑐᓄᑦ ᖃᐅᔨᒪᔭᕆᐊᖃᖅᑕᖕᒋᓐᓂᑦ

ᓱᖕᒋᐅᑎᓂᖅ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᕐᑯᔭᐅᔪᓂ ᓇᓗᓇᐃᖅᑕᐅᑎᓪᓗᑎᒃ ᐃᑲᔪᖅᑎᒌᒃᑯᓐᓂᑦ

ᐊᐅᓚᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ ᓇᓗᓇᐃᔭᐃᓂᖅ

ᒪᓕᒃᑕᐅᔭᕆᐊᖃᖅᑐᓂᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ

1. ᓄᓇᐅᑉ ᑐᐊᕕᕐᓇᖅᑐᖏᑕ ᑭᐅᔾᔪᑎᖏᓐᓂᑦ ᐸᕐᓇᐅᑎᑦ
2. ᓄᓇᐅᑉ ᐊᑖᓂ ᑐᐊᕕᕐᓇᖅᑐᑦ ᑭᐅᔾᔪᑎᔅᓴᓄᑦ ᐸᕐᓇᐅᑎᑦ
3. ᐅᖅᓱᐊᓗᒻᒧᑦ ᓱᕋᕐᓇᖅᑐᖃᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ (OPPP)/ᐅᖅᓱᐊᓗᒻᒧᑦ ᓱᕋᕐᓇᖅᑐᖃᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᑐᐊᕕᕐᓇᖅᑐᓄᑦ ᐸᕐᓇᐅᑎ (OPEP)
4. ᑐᐊᕆᔅ ᐱᓕᕆᐊᔅᓴᖏᑦ ᐱᒻᒪᕆᐅᔪᑦ ᓴᓗᒪᙱᑦᑐᒧᑦ ᓴᓗᒻᒪᖅᓴᐅᑎᑦ ᐊᐅᓚᓂᖏᑕ ᐸᕐᓇᐅᑎᑦ
5. ᐸᔅᑕᓐ ᐊᓇᑦᑕᕐᕕᒻᒧᑦ ᓴᓗᒻᒪᖅᓴᐃᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐊᒻᒪᓗ ᑲᔪᓯᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐸᕐᓇᐅᑎᑦ
6. ᓄᓇᐅᑉ-ᐃᒪᖏᑕ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
7. ᑐᐊᕆᔅ-ᒪᑦᕆᑦ ᐃᒪᖕᒐᑕ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
8. ᐸᔅᑕᓐ ᐃᒪᖕᒐᑕ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
9. ᐃᒪᐅᑉ ᐊᒻᒪᓗ ᓴᕕᔅᓴᐃᑦ/ᐊᑦᑕᑯᐃᑦ ᐅᔭᕋᒥᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ
10. ᐸᔅᑕᓐ ᐊᓇᖅᑕᕐᕕᒧᑦ ᓴᓗᒻᒪᖅᓴᐅᑎᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐊᒻᒪᓗ ᑲᔪᓯᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
11. ᓴᐅᔭᐅᓂᑯᐃᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
12. ᖀᖅᑐᓄᑦ/ᓯᖅᑯᕈᓐᓇᖅᑐᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
13. ᐊᓂᖅᓵᕈᑎᔅᓴᒧᑦ ᖃᓄᐃᓐᓂᖕᒐᑕ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
14. ᑐᓴᕐᓃᑦᑕᐃᓕᒪᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐸᕐᓇᐅᑎᑦ
15. ᑐᐊᕆᔅ ᐃᒪᖕᒐᑕ ᐱᕙᓪᓕᐊᔪᓄᑦ ᖃᐅᔨᓴᕐᓂᖅ ᐸᕐᓇᐅᑎᑦ
16. ᓂᕐᔪᑎᓄᑦ ᓱᕋᒃᑕᐃᓕᒪᑎᑦᑎᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
17. ᒪᑦᕆᑦ ᓴᐅᔭᐅᓂᑯᖏᑕ ᐃᓂᕝᕕᐊ ᐊᐅᓚᑕᐅᔪᑦ, ᑲᔪᓯᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᓇᓗᓇᐃᒃᑯᑕᐃᑦ
18. ᐹᔅᑕᓐ ᓴᐅᔭᐅᓂᑯᖏᑕ ᐃᓂᕝᕕᐊ ᐊᐅᓚᑕᐅᔪᑦ, ᑲᔪᓯᓂᕐᒧᑦ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᓇᓗᓇᐃᒃᑯᑕᐃᑦ
19. ᐊᑦᑕᑯᐃᑦ ᐅᔭᕋᐃᑦ ᐊᒻᒪᓗ ᓴᕕᔅᓴᐃᑦ ᐊᐅᓚᓂᖏᑕ ᐸᕐᓇᐅᑎᑦ
20. ᐊᑦᑕᕐᓇᖏᑦᑐᑦ ᐊᑦᑕᑯᐃᑦ ᐊᐅᓚᓂᖏᑕ ᐸᕐᓇᐅᑎᑦ
21. ᐸᐅᖅ-ᓇᐃᒪᓐᓇᖏᑦᑐᑦ ᓱᕋᓐᓇᖅᑐᑦ ᐱᕐᑯᑎᓄᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐸᕐᓇᐅᑎᑦ
22. ᑯᕕᔪᖃᖅᑐᓄᑦ ᐸᕐᓇᐅᑎᑦ
23. ᐊᑦᑕᕐᓇᖅᑐᑦ ᐊᑦᑕᑯᐃᑦ ᐊᐅᓚᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
24. ᐃᑭᑎᑦᑎᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐸᕐᓇᐅᑎᑦ

ᐊᕙᑎᒧᑦ ᐸᓯᒻᒥᔾᔪᑎᓄᑦ ᐸᕐᓇᐅᑎᑦ

ᐃᓄᖃᑎᒌᑦ-ᑮᓇᐅᔭᓕᐅᕐᓂᕆᔭᐅᕙᒃᑐᓄᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐸᕐᓇᐅᑎᑦ

1. ᐳᐋᓐᓂᐊᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐊᑦᑕᕐᓇᖅᑕᐃᓕᒪᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ ᐸᕐᓇᐅᑎᑦ
2. ᓄᓇᓕᒻᒧᑦ ᐃᓚᒋᔭᐅᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
3. ᐃᑦᑕᕐᓂᑕᓕᓂᕐᒧᑦ ᐊᑐᐃᓐᓇᐅᔪᔅᓴᐃᑦ ᓴᐳᒻᒥᔾᔪᑎᑦ ᐸᕐᓇᐅᑎᑦ
4. ᐃᖅᑲᓇᐃᓵᔅᓴᓄᑦ ᐊᑐᐃᓐᓇᐅᔪᔅᓴᐃᑦ ᐸᕐᓇᐅᑎᑦ

ᒪᑐᓂᐊᓕᖅᑐᒧᑦ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ

1. ᑐᐊᕆᔅ-ᒪᑦᕆᑦ ᐊᑐᖅᑕᐅᔪᒃᑯᑦ ᒪᑐᓂᐊᓕᖅᑎᓪᓗᒍ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
2. ᑐᐊᕆᔅ-ᐹᔅᑕᓐ ᐊᑐᖅᑕᐅᔪᒃᑯᑦ ᒪᑐᓂᐊᓕᖅᑎᓪᓗᒍ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑦᑎᓂᕐᒧᑦ ᓇᓗᓇᐃᖅᓯᒪᔪᑦ ᐊᑭᖏᑦ ᓇᓗᓇᐃᔭᐃᓂᖅ
3. ᐹᔅᑕᓐ ᖃᓄᐃᓐᓂᖏᑕ ᒪᑐᓂᐊᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ
4. ᐹᔅᑕᓐ ᖃᓄᐃᓐᓂᖏᑕ ᒪᑐᓂᐊᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑦᑎᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᑦ, ᓇᓗᓇᐃᖅᓯᒪᔪᑦ ᐊᑭᖏᑦ ᓇᓗᓇᐃᔭᐃᓂᖅ

ᖁᔭᓐᓇᒦᒃ. ᐊᐱᖅᓱᑏᑦ?