

# Meadowbank Gold Mine Project & the Whale Tail Pit Project

፩፻፲፭ ዓ.ም ከ፩፲፭ ዓ.ም በ፩፲፭ ዓ.ም ስርዓት የ፩፲፭ ዓ.ም የ፩፲፭ ዓ.ም ስርዓት  
የ፩፲፭ ዓ.ም የ፩፲፭ ዓ.ም ስርዓት



Annual Monitoring Update / የ፩፲፭ ዓ.ም መመሪያ  
NIRB File No. 03MN107 & 16MN056 / የ፩፲፭ ዓ.ም በ፩፲፭ ዓ.ም 03MN107 & 16MN056  
Baker Lake / የ፩፲፭ ዓ.ም

# In respect of Public Health Orders, the NIRB does the following during the community information session:

ᐊᓂጀᓕ ၎ጀጀ ህጀጀ ላጀጀ ሚጀጀ ቤጀጀ ላጀጀ ሊጀጀ ላጀጀ ለጀጀ ሊጀጀ ላጀጀ :

- NIRB staff have not left the NU/NWT travel bubble to get here
- While at the meeting, please follow the Standard Public Health Recommendations including:
  - hand washing,
  - 2 meters distancing,
  - cover your cough, and
  - regular use of hand sanitizers

- ၎ጀጀ ላጀጀ ሌጀጀ ላጀጀ ሊጀጀ ላጀጀ  
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- ၎ጀጀ ላጀጀ ሊጀጀ  
· ህጀጀ ሊጀጀ  
· 2 ምጀጀ  
· ህጀጀ ሊጀጀ  
· ህጀጀ ሊጀጀ

# In respect of Public Health Orders, the NIRB does the following during the community information session:

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- Respect the maximum persons allowed in the room as posted, NIRB staff will manage people in and out of the room to ensure the appropriate number is kept
- Refreshments are set up to reduce areas of high concentrations of people and surfaces touched
- While the wearing of non-medical face masks is not yet mandatory in the territory, anyone interested in wearing one is welcome to do so
- If you have any concerns, please approach us about them as soon as possible, our primary concern is the safety of everyone involved!

- ላ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵
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- ላ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵ የ᜵ᜱ᜵

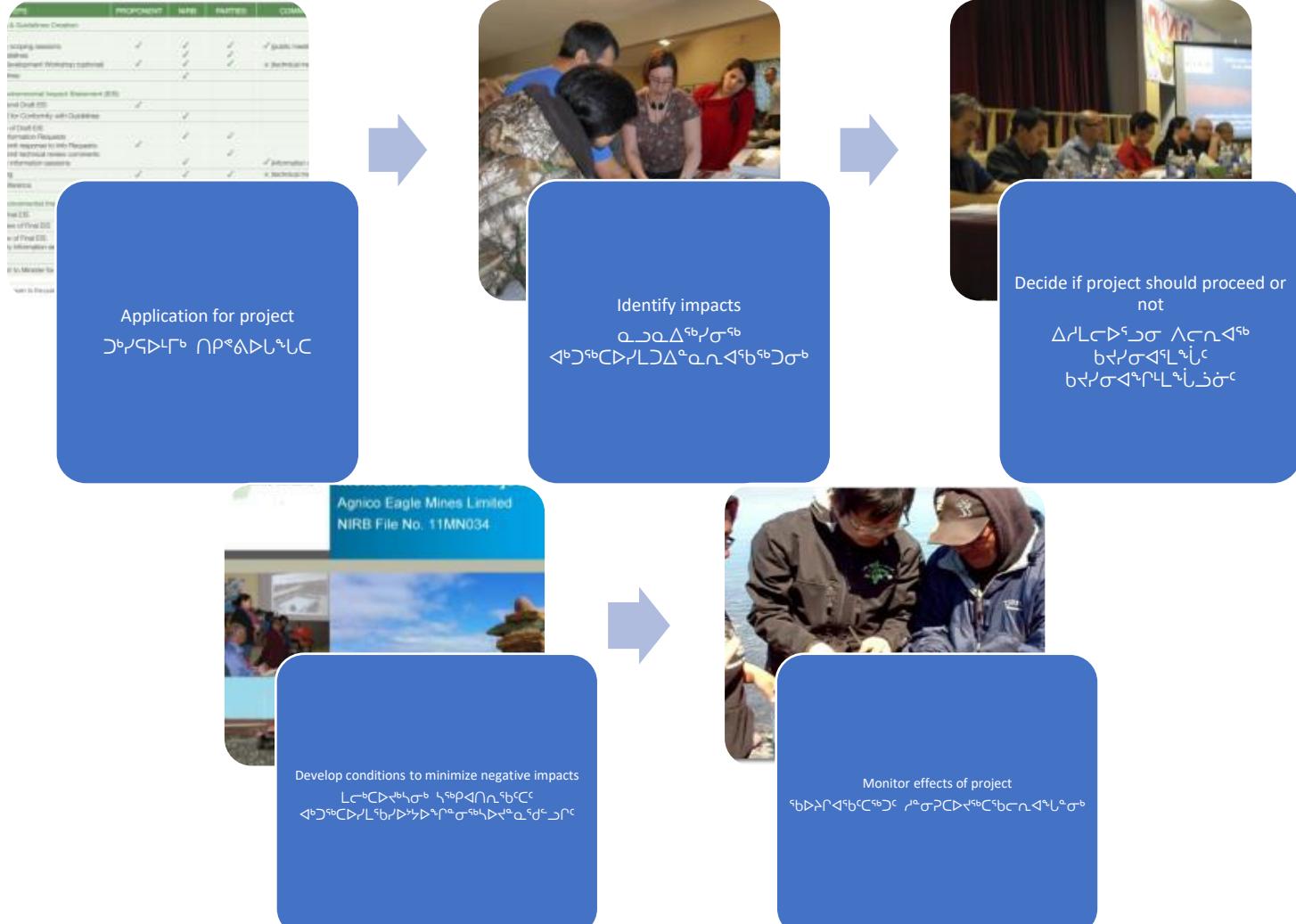
# What is the Nunavut Impact Review Board? P̄̄ŋ̄q̄c ḹq̄n̄q̄r̄b̄?

- ቅጀጀጀ ስጀጀጀጀ ግጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ
- ዓጀጀጀጀ መጀጀጀጀ እጀጀጀጀ ዓጀጀጀጀ : ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ ዓጀጀጀጀ
- An institution of public government responsible for environmental impact assessment of proposed projects in Nunavut
- **The NIRB's Mission:** To protect and promote the well being of the Environment and Nunavummiut through our work



# What does the NIRB do?

ᓇᓘᓐᓘ የጀጀ ስጀጀ ቅጀጀ እጀጀ የጀጀ ስጀጀ ቅጀጀ?



★ Whale Tail Pit/‘PQASUQ’ QALLIQ INUIT LAND CLAIMS  
★ Meadowbank Gold Mine/  
QIPAQUNAQ JUQUTAQ’ALUQ DILIGENCIA

# Meadowbank Gold Mine Project QIPAQUNAQ JUQUTAQ’ALUQ DILIGENCIA

03MN107

NUNAVUT  
LAND CLAIMS  
AGREEMENT  
BAKER  
LAKE INUIT  
OWNED LAND

★ Baker Lake ‘BLAQTAK’

# Meadowbank Gold Mine Project Certificate

## ▷ ᗅᓘ ᐃᓘ ᓂᓘ ዾᓘ ሁጀ በጀጀ ሁጀ ሁጀ



- December, 2006: NIRB issued Project Certificate (PC) No. 004
- ᐊጀጀ 2006: ዘጀጀ በጀጀ ሁጀ ሁጀ ሁጀ ሁጀ
- In 2007, Agnico Eagle Mines Limited acquired the Meadowbank Gold Mine
- Δጀጀ 2007, ዘጀጀ ሁጀ ሁጀ ሁጀ ሁጀ
- In 2009, 2016 and 2018, the NIRB amended the PC. 004
- Δጀጀ 2009, 2016 ዘጀጀ 2018, ዘጀጀ በጀጀ ሁጀ ሁጀ
- 87 terms and conditions to limit adverse ecosystemic and socioeconomic effects
- 87 በጀጀ ሁጀ ሁጀ ሁጀ ሁጀ ሁጀ ሁጀ ሁጀ

# Project Overview

## Λευτής Απόδοσης

Mine site 70 km north of Baker Lake

Camp  
Airstrip  
Mining infrastructure

Three open pits

Portage  
Bay Goose (closed)  
Vault

Baker Lake bulk fuel storage facility/marshalling area

Fuel tank farm  
Laydown area

110 km all-weather road linking Baker Lake to Meadowbank site

▷ Λευτής Απόδοσης 70

- Λευτής
- Γενικής
- Διαχείρισης

▷ Λευτής

▷ Λευτής Απόδοσης

- Εγκατάσταση
- Κατασκευή (Διαχείρισης)
- Οδύσσεια

▷ Λευτής Απόδοσης

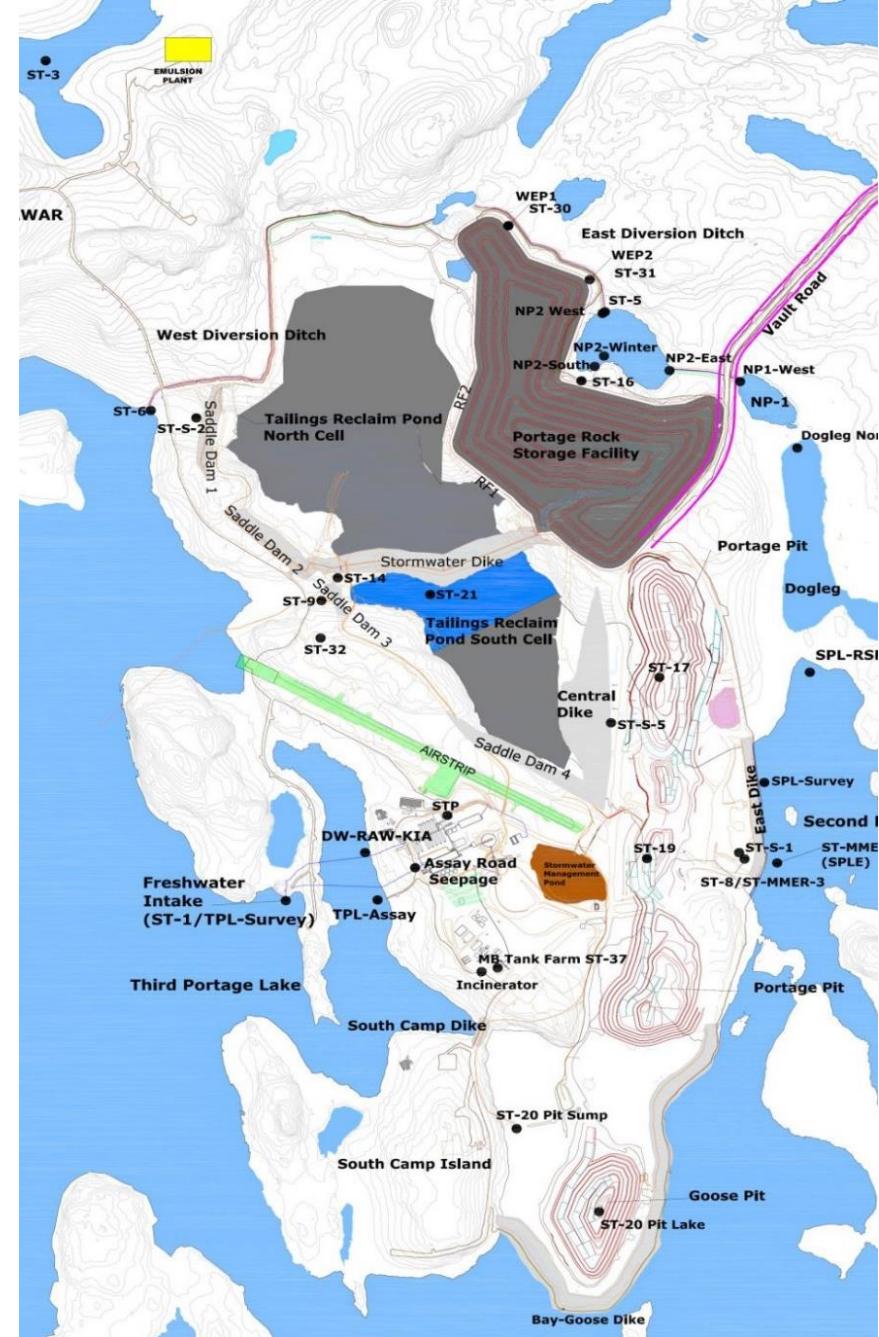
▷ Λευτής Απόδοσης Απόδοσης

- Διαχείρισης

▷ Λευτής Απόδοσης

110 Κιλόμετρα Απόδοσης

▷ Λευτής Απόδοσης



# Meadowbank Gold Mine Project 2019 Site Visit and Observations

▷▷▷ ᓇᓂ ᓇᓂ ᐅ᜵ ዔ᜵ ሚ᜵ በ᜵ 2019 ᐅ᜵ ᓇ᜵ ሚ᜵ በ᜵



Baker Lake Marshalling Facility / እብለσ'ርፌኑ ለፌሬ ሰራተኞች



All Weather Access Road / ፊዴሮ መሸመድ የሚገኘውን ዓይነት ዓይነት

# Meadowbank Gold Mine Project 2018 Site Visit and Observations

▷▷▷ ቤት ስርዓት ዘመን እና የ 2018 ሽቦዎች እና ማረጋገጫዎች



Waste Management / የዕቅድ ጥቅምና ሰራተኞች



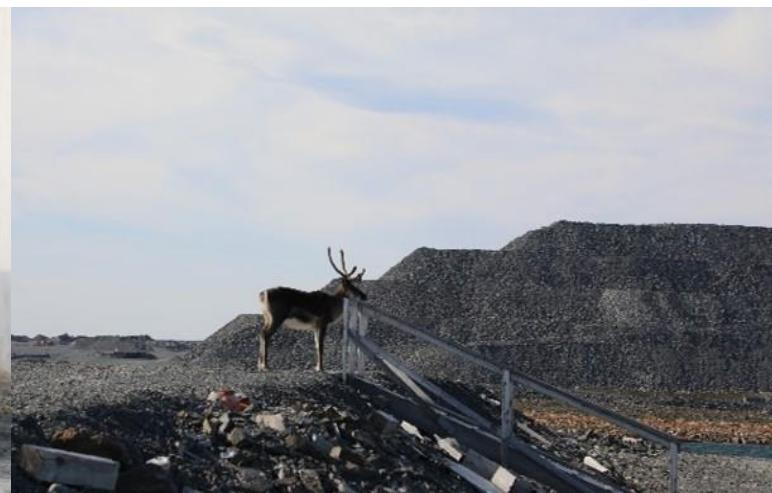
Water Management / የጥቅምና ጥቅምና ሰራተኞች

# Meadowbank Gold Mine Project 2019 Site Visit and Observations

▷▷▷ ቤት አገልግሎት የሚገኘውን ዓይነት ስራዎች እንደተረጋገጧ ይፈጸማል



Dust Management / የሚገኘውን ስራዎች እንደተረጋገጧ ይፈጸማል



Wildlife Management / ሁኔታ እንደተረጋገጧ ይፈጸማል

# Meadowbank Gold Mine Project 2019 Site Visit and Observations

▷▷▷ ቤት ምርመራ የሚገኘውን አገልግሎት የሚያስተካክለውን ስምምነት መረጃ



Mine Site/ቤት ምርመራ



# Community Monitoring Consultation

-community consultation process

- 2019 Community Meeting
  - Community members from Baker Lake noted concerns on the following:
    - Dust suppression along the all-weather access road
    - Health of wildlife
    - Monitoring conducted at site
    - Employment

- 2019 community consultation process
  - Baker Lake community members raised concerns:
    - Dust suppression along the all-weather access road
    - Health of wildlife
    - Monitoring conducted at site
    - Employment



# NIRB's 2019 Evaluation of the Meadowbank Gold Mine Project

ນອກຖົວລັງ ດົບຕະຫຼາມ 2019 ນັບດັກເສີມ  
ຂ່າຍບຸກ ຍິນດູກ ດ້ວຍຄູດຄວາມ

## Good ແຜນໝາຍ :

- Water Quality
- Δົກ
- All-weather access road (AWAR)  
ພໍາວົງດັດ ດົກທະນາຄານ ດັດ
- Noise and vibration
- ສ່ານໝາຍ ລົມດັດສິນ
- Accidents and Malfunctions
- ດົກສຳເນົາ ດັດກົດລົມ
- Socio-economic
- ດົກ ແກ້ວມະນຸຍາດສິນ



# NIRB's 2019 Evaluation of the Meadowbank Gold Mine Project

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ᐊጀጀጀጀጀ ቖጀጀጀጀጀ ሬጀጀጀጀጀ ህጀጀጀጀጀ

## Satisfactory **¤ጀጀጀጀጀ**:

- Fish and Fish Habitat
- Δጀጀጀጀጀ ዘጀጀጀጀጀ
- Terrestrial Environment
- ዘጀጀጀጀጀ ሐጀጀጀጀጀ



# NIRB's 2019 Evaluation of the Meadowbank Gold Mine Project

ᓇᓘᒻ ᐃጀᓇጀ ብጀጀ 2019 ᑕጀጀጀ ዘጀጀ

## Needs Improvement **ᜁጀጀጀጀ :**

- Waste Management
- **ᜂጀጀጀ**
- Marine Environment
- **ᜅጀጀጀጀጀጀ**
- Air Quality
- **ᜅጀጀጀጀጀጀ**



# Previous Board Recommendations Summary

ບ່ອລັກີ້ ມາດູກ ແລະ ດຳເນີນ ສັງຄະນະ

## Meadowbank Gold Mine Project

- Placement of local area marine monitors
- Suppression of surface dust
- PEAMP
- Deterrents for carnivores and/or raptors

## ດຳເນີນ ສັງຄະນະ ຈຸດ

- ພົມຕະຫຼາດ ອົງການ
- ຂັ້ນຕະຫຼາດ ອົງການ
- ຜູ້ອັນດັບ ອົງການ
- ປັບປຸງ ອົງການ
- ພົມຕະຫຼາດ ອົງການ



- ★ Whale Tail Pit ᐃᐱᓪᓚᐸᓘ ᐅᐱᓪᓚᓘ ᐃᓄᖅᓘ
- ★ Meadowbank Gold Mine  
ᐊጀᓂጀጀ ᐃጀጀ ᐃጀጀ ᐃጀጀ

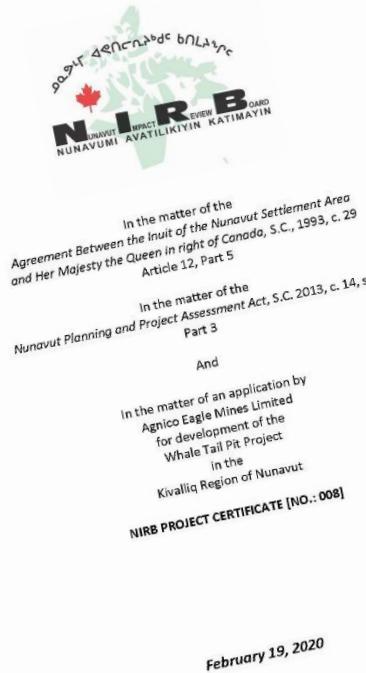
# Whale Tail Pit Project ᐊጀጀ ᐃጀጀ ᐃጀጀ

16MN056

NUNAVUT  
LAND CLAIMS  
AGREEMENT  
BAKER  
LAKE INUIT  
OWNED LAND

★ Baker Lake ᑕጀጀጀጀ

# Whale Tail Pit Project Certificate ‘PQASUQ’ $\times$ APMUC DLAQCUA



- March 2018: NIRB Project Certificate (PC) No. 008 issued to Agnico Eagle Mines Limited
  - 2018:  $\times$  008  $\times$  008  $\times$  008
- In 2020, the NIRB amended the PC. 008
  - 2020,  $\times$  008  $\times$  008
- 68 terms and conditions to limit adverse ecosystemic and socioeconomic effects
  - 68  $\times$  008  $\times$  008

# Project Overview

## ʌ̄n̄ūd̄ē ŋ̄b̄ād̄ās̄

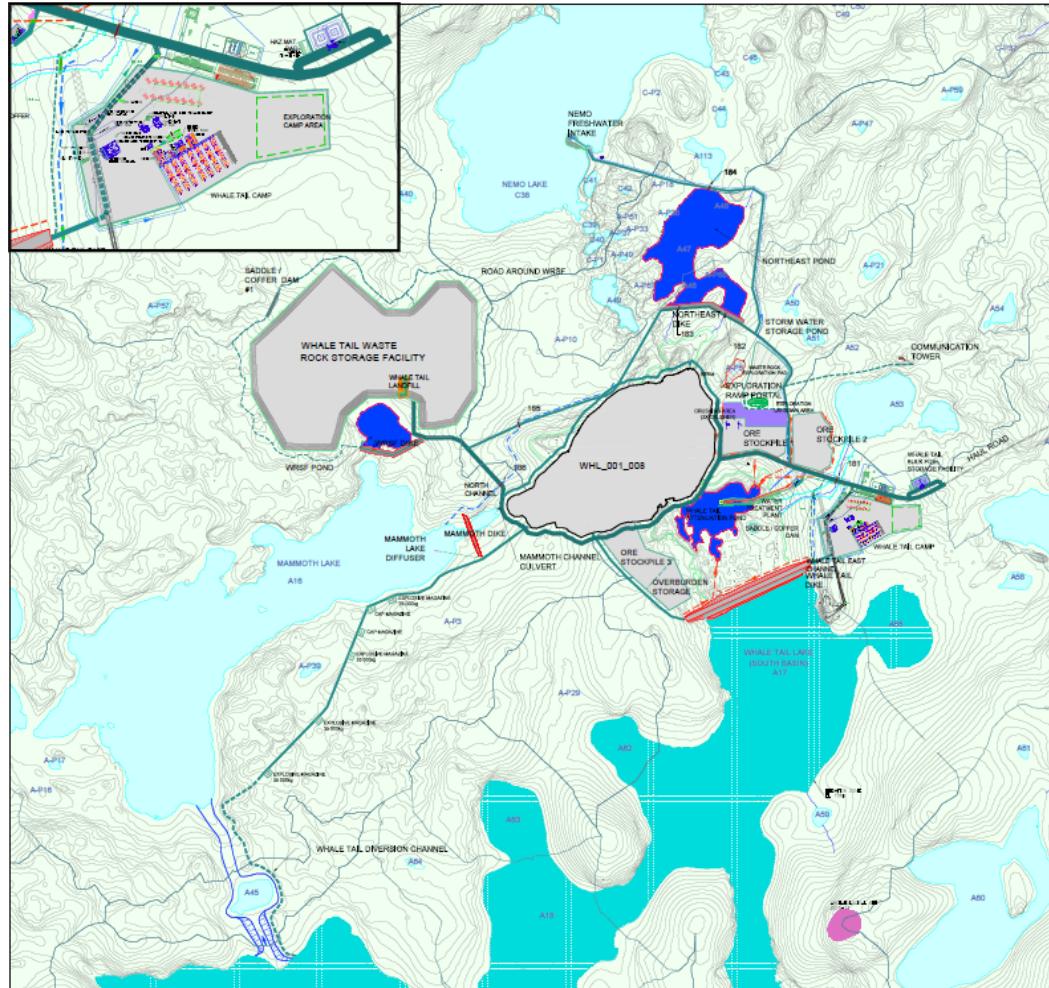
~150 kilometres (km) N of Baker Lake and ~50 km NW of Meadowbank Gold Mine Project

~150 ƿ̄c̄t̄c̄ī b̄ōd̄ēs̄ ƿ̄b̄l̄s̄ ƿ̄c̄d̄ē ƿ̄n̄t̄  
~50 ƿ̄c̄t̄c̄ī ƿ̄d̄ēd̄ēs̄ ƿ̄d̄ē ƿ̄b̄ūd̄ ƿ̄c̄d̄  
ƿ̄l̄d̄c̄n̄d̄ās̄

Whale Tail Pit Project located at the Amaruq Property

ƿ̄ōd̄s̄d̄ < Ʌ̄p̄āl̄c̄ ƿ̄l̄d̄c̄n̄d̄ās̄ ƿ̄l̄p̄  
ƿ̄ōd̄p̄ūs̄

- Open pit gold mining
- Supporting infrastructure at Amaruq Property
- Use of existing infrastructure at Meadowbank
- Haul road
- ƿ̄ōd̄s̄d̄ ƿ̄b̄ās̄ ƿ̄l̄d̄c̄n̄d̄ās̄
- ʌ̄n̄ūd̄ūs̄ ƿ̄b̄r̄c̄ ƿ̄c̄d̄ ƿ̄l̄p̄
- ƿ̄c̄b̄c̄d̄ ƿ̄ūb̄ ƿ̄d̄ē ƿ̄b̄ūd̄ ƿ̄c̄  
ʌ̄n̄ūd̄ūr̄
- ƿ̄d̄d̄c̄d̄ūc̄ ƿ̄l̄p̄



# Whale Tail Pit Project 2019 Site Visit and Observations

## ‘អូរតាមដីក្នុងស្របតាមការពារឱ្យ ឆ្នាំ 2019 ក្នុងសម្រាប់អនុវត្តន៍យោង’



Whale Tail Haul Road / ‘អូរតាមដីក្នុងស្របតាមការពារឱ្យ’



Wildlife Management / ‘សំណង់ការបញ្ចប់ធនធានី’

# Whale Tail Pit Project 2019 Site Visit and Observations ਪ੍ਰਾਤਿਸ਼ਤ ਸੈਟਾਵ <ਅਪਾਂਲਿਕ ਪਾਨਿਆਂ ਦੀ 2019 ਯਾਤਰਾ ਵਿਖੇ ਮੁਹੱਲਾਂ ਦੀ ਸੰਖੇ



Mine Site/ਪਾਨਿਆਂ



# Whale Tail Pit Project 2019 Site Visit and Observations ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ



Dust Management / ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ



Waste Management / ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ



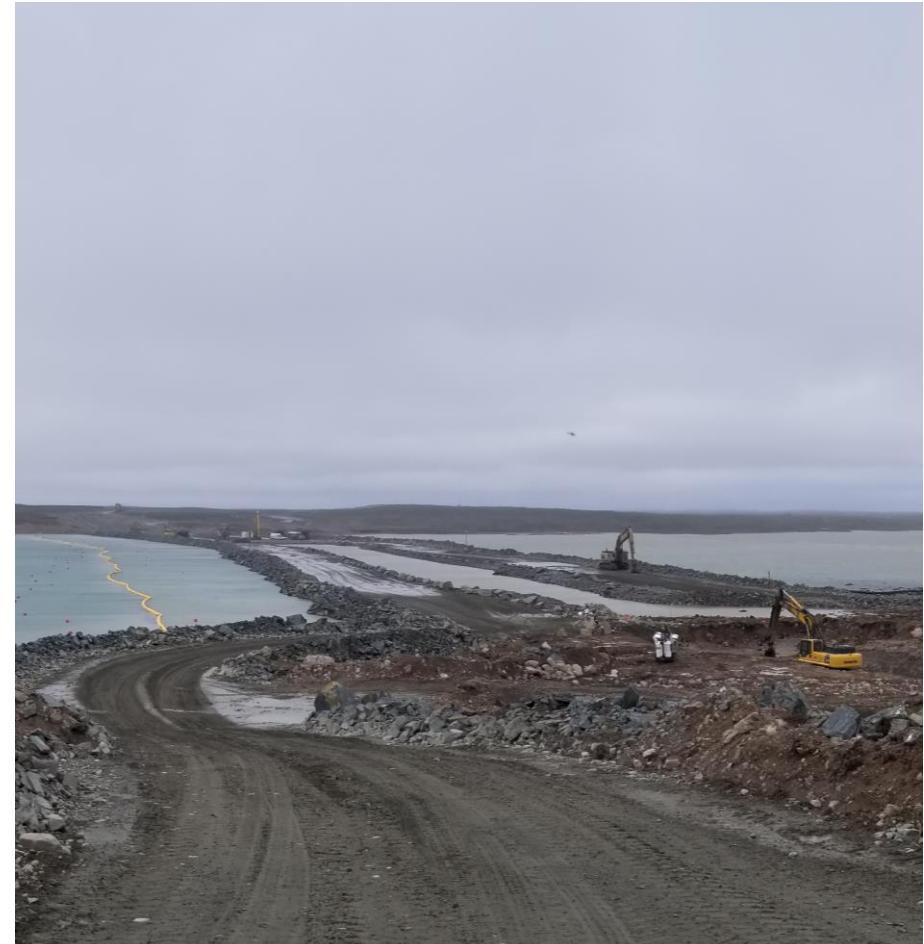
Spill Response Equipment / ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ ਪ੍ਰਾਤਿਸ਼ਤ ਸਾਲ 2019 ਵਿੱਚ

# NIRB's 2019 Evaluation of the Whale Tail Pit Project

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## Good ሊ᫟ :

- Water Quality
- Δ᫟
- Socio-economic
- Δ᫟ ሊ᫟ ሊ᫟
- Birds and bird Habitat
- ᐱ᫟ ᐱ᫟ ᑕ᫟
- Hydrogeology and Hydrology
- Δ᫟ ሊ᫟
- Geological Features, Soils and Permafrost
- Δ᫟ ሊ᫟, Δ᫟, ዓ᫟ ፔ᫟
- Aquatic Environment
- Δ᫟ ᐱ᫟ ሊ᫟



# NIRB's 2019 Evaluation of the Whale Tail Pit Project

ນອກຟ່າ ດູວັດຈຸດ້າ ບົລຳກ່ຽວ 2019 ຖະແຫຼກໄສລົງ  
ພັບປຸງ ອຳລົງ ດໍລະກົດ ໄດ້ມາໄສເສີນ

## Satisfactory ວິທີ :

- Noise and vibration
- ສ່າງບົນຍາດ ຫຼັກຍໍາດ
- Accidents and Malfunctions
- ດັ່ງຕົກຫຼັກໂດຍ ດັ່ງກັບ



# NIRB's 2019 Evaluation of the Whale Tail Pit Project

නෑග්‍ර ඩෙවුල්පම් බංලැංචු 2019 බංචාත්සාල  
අධ්‍යාපක සංඛ්‍යා දැනු ඇත්තු

## Needs Improvement ප්‍රතිඵලි :

- Terrestrial Environment
- මෘදුකාංග දෙපාලුව
- Marine Environment
- උනුග්‍රදායක
- Air Quality
- රුහුණු බුද්ධිමත්ත



# Previous Board Recommendations Summary

## බුලුව් රුධිසාලු උග්‍රස්ථාපන ප්‍රතිච්ඡාලී

### Whale Tail Pit Project

- Suppression of surface dust
- Dust monitoring
- Project infrastructure and wildlife crossings

අපැහැසු සෑවාල්  
දෙකුණු දැනුම්

- ගැනීම් නැගීම්
- ගැනීම් ගැනීම් ගැනීම්
- දැනුම් පැනුම් අනුමත දැනුම්



# Socio-Economic Summary

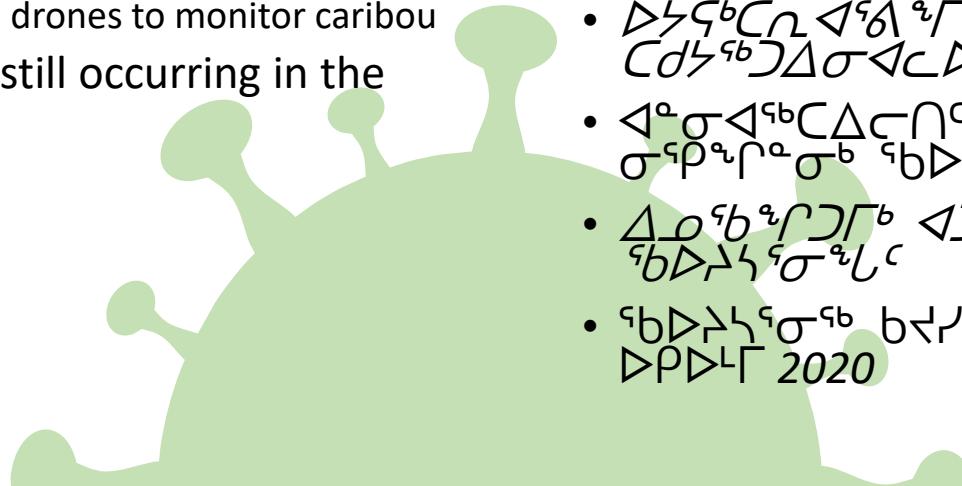
## ᐃᓇᕕᒻᒧᑦ ላይ መ᜵᜷ᜱ᜷ ላይ መ᜵᜷ᜱ᜷

- Original prediction for Nunavummiut employment was: 42% at Whale Tail
- Total of 355 Inuit employees out of 1033 total workforce at the end of 2019 (~34%)
- Total female employment: 20%
- Most Inuit employees hired from Baker Lake (57%)
- NTI Business Spending (\$): ~62% of total
- ᐅᖃᓂ᜵᜷ᜱ᜷ ላይ መ᜵᜷ᜱ᜷: 42% ን᜵᜷ᜱ᜷ ላይ መ᜵᜷ᜱ᜷
- 61% of 355 Inuit employees out of 1033 total workforce at the end of 2019 (~34%)
- 61% of female employment: 18%
- 54% of Inuit employees hired from Baker Lake (57%)
- 62% of NTI Business Spending (\$): ~62% of total

# Agnico Eagle's COVID-19 Update ᐊᓂ᜵ ሐ᜵ ሰ᜵ የ᜵ ም᜵-19 ቅ᜵

- All employees are tested on-site
- No interaction between mine personnel and local communities
- Engagement with community members, regulators and stakeholders occurs through teleconference, emails, video and facebook updates.
- Postponed certain activities:
  - Terrestrial Advisory Group site visit
  - Health Canada study of country foods
  - Study to use drones to monitor caribou
- Monitoring is still occurring in the 2020 year

- ለ᜵ ሐ᜵ ሰ᜵ የ᜵ ም᜵-19 ቅ᜵
- ን᜵ ሐ᜵ ሰ᜵ የ᜵ ም᜵-19 ቅ᜵
- የ᜵ ሐ᜵ ሰ᜵ የ᜵ ም᜵-19 ቅ᜵



Thank you! Matna! L'Q!

Questions? ᐅᖃᖅᑕᐅᓂᖅᖃᖅ?

