

Terrestrial Environment

Phase 2 Proposal / የፌዴራል ስራ ለመፈጸም

Public Hearing Iqaluit and Pond Inlet January 2021 Δაის ፳፻፲፭ ዘመን በ ሰነድ ዓይነት መረጃ የ፳፻፲፭ ዓይነት መረጃ, ከ፩ ዓይነት መረጃ



Presentation Overview

- Assessment overview
አዲስ አበባ የሚገኘው አውጥቷል
 - Mitigation and Monitoring
አድራሻ ስርዓት አውጥቷል
 - Technical Review Summary
የቴክኒካል ስምምነት ደረሰኝ አውጥቷል
 - Project Certificate Conditions
አዋጅ የሚከተሉትን አውጥቷል
 - Summary
አጭር አውጥቷል





Phase 2 Considerations

ԵՐԵՎԱՆԻ ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅԱՆ ԱՐԴՅՈՒՆՔՆԵՐԸ ՃԱՐԼԵԿԱԿԱՐՈՎ



Mine Site

Same Development Area
Same Sensory Disturbances

Same assessment of impacts to terrestrial environment



Rail/Road Corridor

Structure and Modifications
Short-term Increase in Traffic
Long-term Decrease in Traffic

Habitat loss
and disturbance, railway reduces
disturbance
natural barrier to movement



Milne Port

**Increased Development Area
Increased Activity**

Habitat loss
eased disturbance



Operational Knowledge

Comprehensive Information

- Inuit Knowledge
ΔοΔ^c እብ▷ኑለሆኑም
 - Historical regional surveys
ፈልጋዕብ/ለሆኑዕር እብ▷ኑእናር▷ኑለሆኑዕር
 - Project-based surveys
አይሁዳጥ ቅዱስልናዕና አያ እብ▷ኑእናልዕና

Knowledgebase	Years														
	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19
Traditional Knowledge			✓												
Ecosystem Classification	✓	✓	✓	✓											
Rare and Diversify	✓	✓	✓	✓						✓	✓	✓	✓	✓	✓
Soil and Plant Metals					✓				✓	✓	✓	✓	✓	✓	✓
Traditional Knowledge			✓	✓							✓				✓
Caribou-related surveys	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wolf den surveys		✓	✓	✓	✓					✓					
Helicopter flight heights											✓	✓	✓	✓	✓
Snowbanks and tracks										✓	✓	✓	✓	✓	✓
Shorebird and Songbird									✓	✓	✓			✓	✓
Waterfowl									✓	✓	✓	✓			
Active Nesting Birds									✓	✓	✓	✓	✓	✓	✓
Cliff-nesting Raptors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GN Caribou collars					✓	✓	✓	✓							
CWS Seabirds and Shorebirds									✓	✓	✓	✓	✓	✓	✓
Arctic Raptors									✓	✓	✓	✓	✓	✓	✓

Operational Knowledge

ᐊ▷ᓂ᳚ᓇσ᳚ ḥ▷᳚᳚᳚

Fourteen (14) years continuous monitoring
ᐊ᳚᳚᳚ 14 ዓ᳚ ḥ᳚᳚᳚ ሁ᳚᳚᳚

- Including six (6) years operational monitoring
 ሁ᳚᳚᳚ ሁ᳚᳚᳚ ሁ᳚᳚᳚ 6 ዓ᳚ አ▷᳚᳚᳚ ሁ᳚᳚᳚
 ḥ᳚᳚᳚ ሁ᳚᳚᳚ ሁ᳚᳚᳚

Collaboration

Ἀ᳚᳚᳚ ḥ᳚᳚᳚

Inuit Knowledge and Inuit Participation
Δ᳚᳚᳚ ḥ᳚᳚᳚ ሁ᳚᳚᳚ ሁ᳚᳚᳚

Knowledgebase	Years													
	'05	'06	'07	'08	'09	'10	'11	'12	'13	'14	'15	'16	'17	'18
Traditional Knowledge			✓											
Ecosystem Classification	✓	✓	✓	✓										
Rare and Diverse	✓	✓	✓	✓						✓	✓	✓	✓	✓
Soil and Plant Metals					✓			✓	✓	✓	✓	✓	✓	✓
Traditional Knowledge			✓	✓							✓			✓
Caribou-related surveys	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wolf den surveys	✓	✓	✓	✓					✓					
Helicopter flight heights										✓	✓	✓	✓	✓
Snowbanks and tracks									✓	✓	✓	✓	✓	✓
Shorebird and Songbird									✓	✓	✓		✓	✓
Waterfowl									✓	✓	✓			
Active Nesting Birds									✓	✓	✓	✓	✓	✓
Cliff-nesting Raptors	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
GN Caribou collars					✓	✓	✓	✓						
CWS Seabirds and Shorebirds								✓	✓	✓	✓	✓	✓	✓
Arctic Raptors								✓	✓	✓	✓	✓	✓	✓

Inuit Knowledge

Δ᳚᳚᳚ ḥ᳚᳚᳚

Phase 2 Caribou Workshop 2015

ᑐ᳚᳚᳚ ሁ᳚᳚᳚ ሁ᳚᳚᳚ 2015



Pond Inlet Caribou Focus Group 2008

៥᳚᳚᳚ ሁ᳚᳚᳚ ሁ᳚᳚᳚ 2008

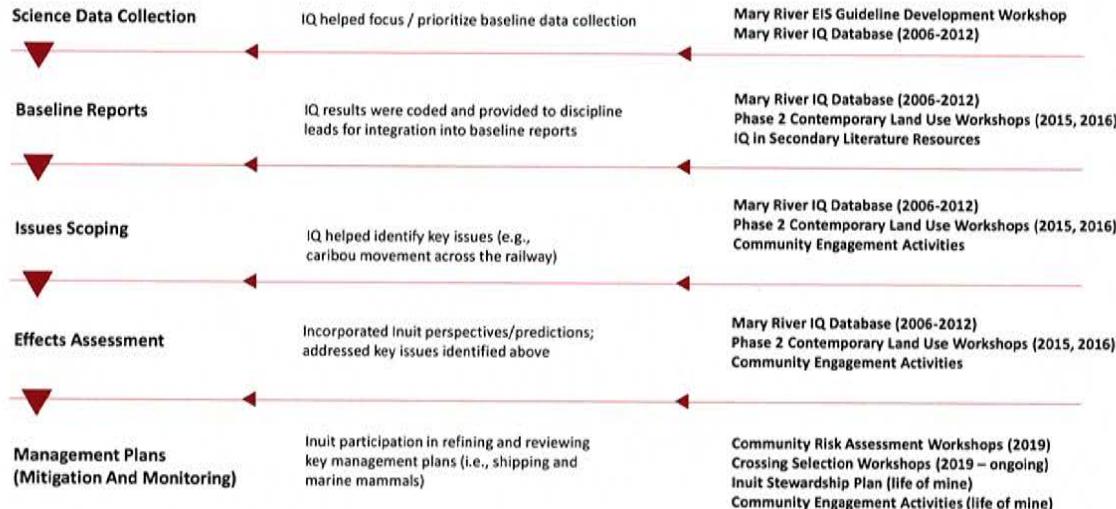


Kajuqtikku' Arctic Bay Working Group 2008
 '᳚᳚᳚ ሁ᳚᳚᳚ ሁ᳚᳚᳚ 2008

Railway Workshop 2019
 ቀ᳚᳚᳚ ሁ᳚᳚᳚ ሁ᳚᳚᳚ 2019



Methods of Incorporating IQ into the EIS

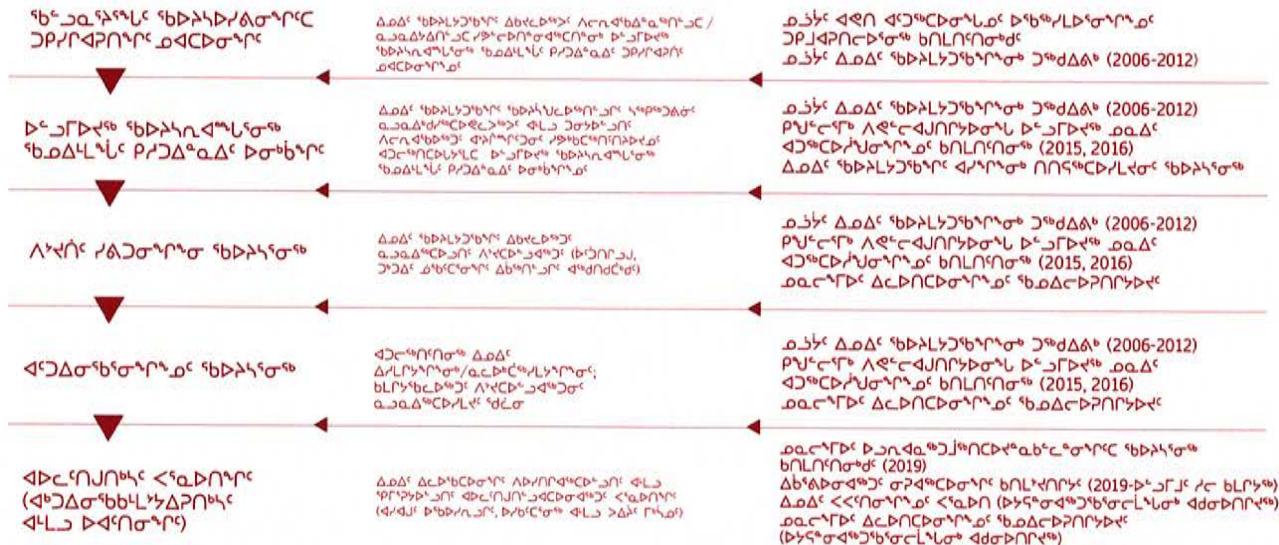


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Mitigation and Monitoring

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Design Mitigations

Environmental Protections

- Habitat: Minimize footprint



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Design Mitigations

Environmental Protections

שָׁמֶן וְלִבְנָה

- Movement: Trains, embankment engineering and crossings

and crossings

የዕድሜ ተስተካክለሁ, ሰነ አጋዥ

- 1:2 slopes \geq 2 m (6.6 ft) \leq 4 m (12.1 ft)

- Type 8 (≤ 6 in) embankment material

- Type 8 (< 6 in) embankment material



Design Mitigations

Environmental Protections

ENVIRONMENTAL Protection

- Level crossings (humans and wildlife)
Δບໍ່ອັດຊາຍ (Δມໍ້ມໍ້ ດີເລີກ ແລະ ດັບຕຸ້ນ)
 - Plate arch culverts (humans and wildlife)
Δບໍ່ອັດຊາຍ ດັບຕຸ້ນ ແລະ ດັບຕຸ້ນ (Δມໍ້ມໍ້ ດີເລີກ ແລະ ດັບຕຸ້ນ)
 - ~66% of rail passable by caribou without further mitigation
~66% ດັບຕຸ້ນ ດັບຕຸ້ນ ດັບຕຸ້ນ
ດັບຕຸ້ນ ດັບຕຸ້ນ ດັບຕຸ້ນ





Design Mitigations

Environmental Protections

Reduced disturbance compared to truck traffic

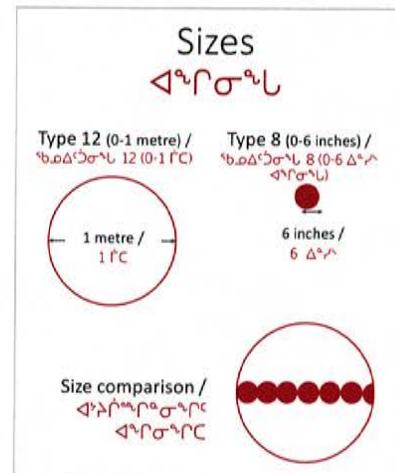
- Inuit Construction Monitors
Δამც ჩასტაციანი





Rail Line Construction

- Inuit Certainty Agreement confirms the selection of Route 3
Δມ່າດີ ແລ້ວ ດັບຕຸກຄົງ ດັບຕຸກຄົງ ດັບຕຸກຄົງ ດັບຕຸກຄົງ ດັບຕຸກຄົງ
 - Crossing Workshop Outcomes
Δບໍ່ດີ ດັບຕຸກຄົງ ດັບຕຸກຄົງ
 - Reduced grain size of the construction material to protect caribou while crossing
ດັບຕຸກຄົງ ດັບຕຸກຄົງ ດັບຕຸກຄົງ
 - Flattened the slope of the sides of the snowmobile crossing
ດັບຕຸກຄົງ
 - Pilot program to study lower slopes on caribou crossing
ດັບຕຸກຄົງ



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Crossing Slope Ratios

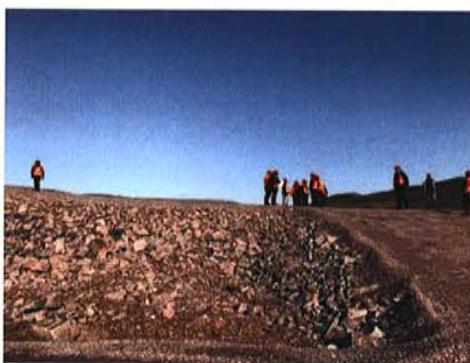
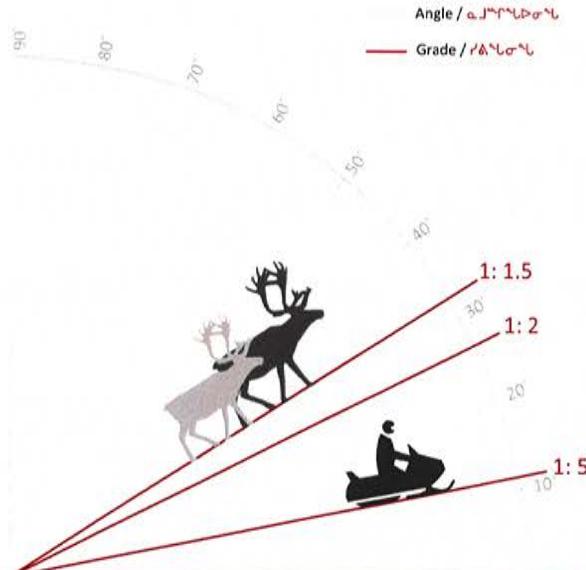


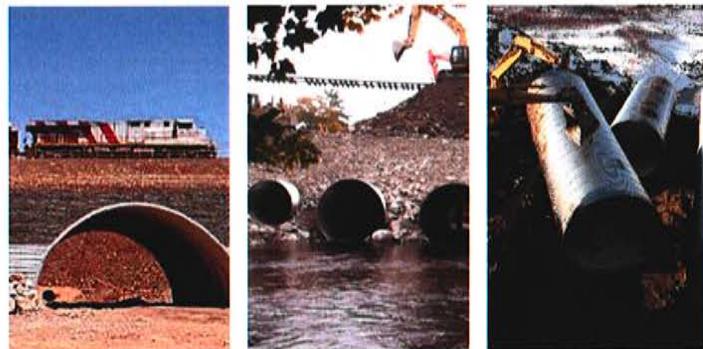
Photo depicts a 1:1.5 slope



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Caribou Crossing ᓇ៥៥ ሳ៥៥ ዴ៥៥

- ~66% of rail passable by caribou without further mitigation
~66% ᐃ៥៥ ሰ៥៥ ስ៥៥ ሳ៥៥ ሱ៥៥ ስ៥៥ ሳ៥៥ ስ៥៥ ሳ៥៥ ስ៥៥ ሳ៥៥
- Other areas caribou may cross include:
• 14 plate arch culverts may act as 'underpasses';
14 አ៥៥ ስ៥៥ ሳ៥៥ ስ៥៥ ሳ៥៥ ስ៥៥ ሳ៥៥ ስ៥៥
• purpose built land user crossings;
• 8 level crossings for the Tote Road
8 አ៥៥ ስ៥៥ ሳ៥៥ ስ៥៥ ሳ៥៥ ስ៥៥ ሳ៥៥



Operations Mitigations ៥៥៥ ቅᕽᕽ ሰᕽᕽ ስᕽᕽ

Environmental Protections ጀጀጀ እጀጀ ስጀጀ ስጀጀ

Habitat: Minimize footprint, reclaim unused areas, dust control measures
ጀጀጀ ቅጀጀ ስጀጀ ስጀጀ ስጀጀ ስጀጀ ስጀጀ
ጀጀጀ ስጀጀ ስጀጀ ስጀጀ ስጀጀ
ጀጀጀ ስጀጀ ስጀጀ ስጀጀ

- Movement: Wildlife has right-of-way, let the leaders pass, snow management
ጀጀጀ ቅጀጀ ስጀጀ ስጀጀ
ጀጀጀ ስጀጀ ስጀጀ
ጀጀጀ ስጀጀ



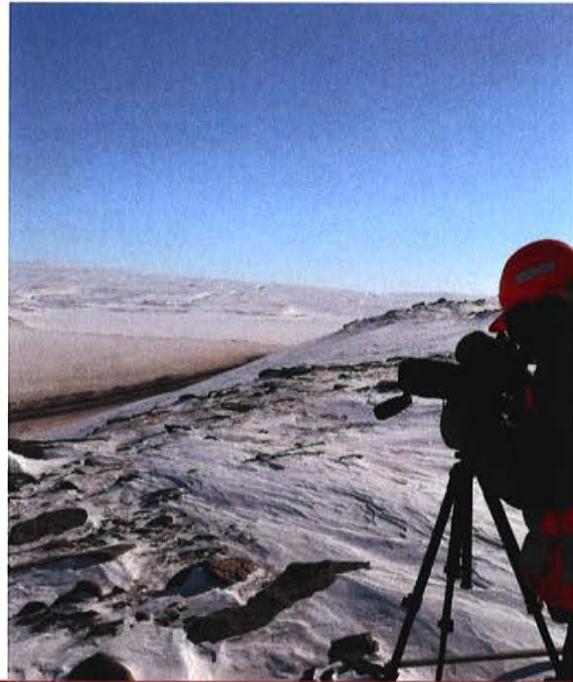


Operations Mitigations ▷▷▷ ᐃᓇσ៊᜵ ᐃ᜵᜵᜵

Environmental Protections ▷▷▷ ᓄ᜵᜵᜵ ᐃ᜵᜵᜵

Mortality: Non-Inuit no hunting, speed limits, protecting nests, employee awareness training
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵; ᓂ᜵᜵᜵ ᐃ᜵᜵᜵ ᐃ᜵᜵᜵, ᓂ᜵᜵᜵ ᐃ᜵᜵᜵
የ᜵᜵᜵ ᐃ᜵᜵᜵, የ᜵᜵᜵ ለ᜵᜵᜵, ለ᜵᜵᜵ ለ᜵᜵᜵
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵ ለ᜵᜵᜵

- Health: Air and noise management
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵; ለ᜵᜵᜵ ለ᜵᜵᜵
σ᜵᜵᜵ ለ᜵᜵᜵



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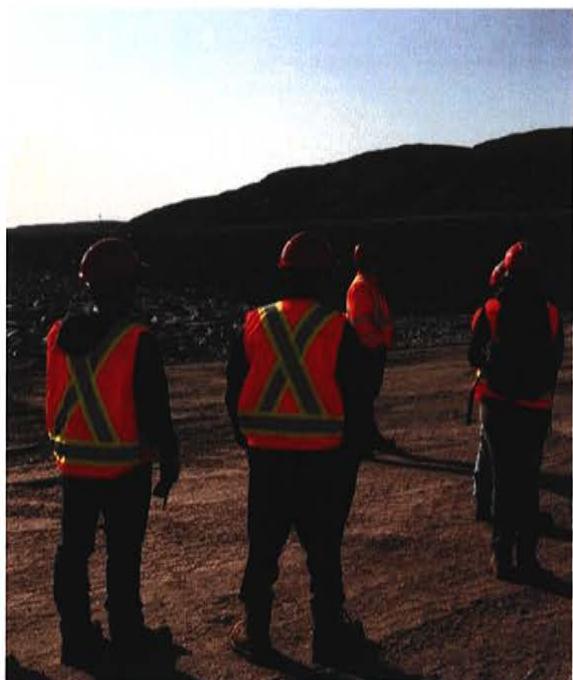


Operations Mitigations ▷▷▷ ᐃᓇσ៊᜵ ᐃ᜵᜵᜵

Environmental Protections ▷▷▷ ᓄ᜵᜵᜵ ᐃ᜵᜵᜵

Constant vigilance for animals and people
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵ ለ᜵᜵᜵ ለ᜵᜵᜵ ለ᜵᜵᜵

- Slow speeds and reasonable stopping distances
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵; ለ᜵᜵᜵ ለ᜵᜵᜵ ለ᜵᜵᜵
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵
- Wildlife monitors present
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵; ለ᜵᜵᜵ ለ᜵᜵᜵ ለ᜵᜵᜵
- Hi-rail truck used for monitoring
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵; ለ᜵᜵᜵ ለ᜵᜵᜵ ለ᜵᜵᜵
▷▷▷ ᓂ᜵᜵᜵ ᐃ᜵᜵᜵



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Operations Mitigations

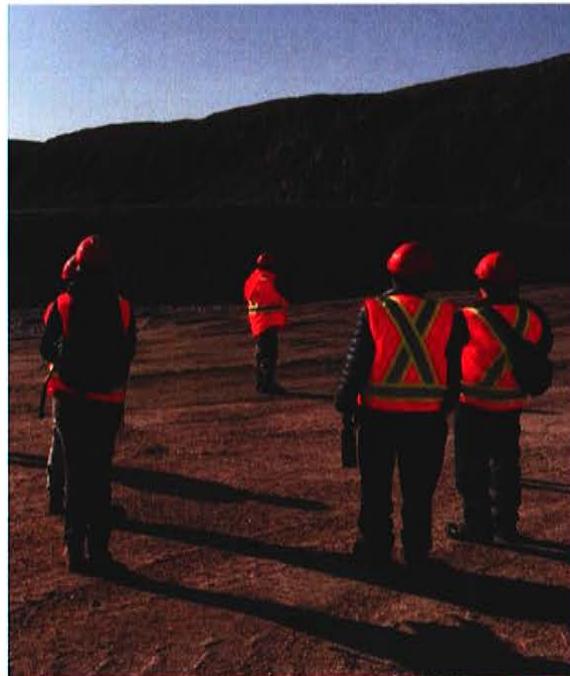
¶¶¶¶¶

¶¶¶¶¶

Environmental Protections

¶¶¶¶¶

- Let the leaders pass
¶¶¶¶¶
- Modify embankment as necessary
¶¶¶¶¶
- Railway Safety Protocol and Communication Plan
¶¶¶¶¶



Caribou Decision Framework — Rail

ON TRACK		< 250 M (820 FT) FROM TRACK		> 250 M (820 FT) FROM TRACK			
Major Migration		Resting or Feeding	Moving Away from Track	Moving Towards Track	Resting or Feeding	Moving Away from Track	Moving Towards Track
STOP	STOP			STOP	PROCEED AS USUAL	PROCEED WITH CAUTION	
<ul style="list-style-type: none"> - Advise rail traffic controller to halt all traffic until further notice - Call Environmental Superintendent 	<ul style="list-style-type: none"> - Sound signal for animals on or near the track - If safe, stop as far back as possible > 50 m - Notify rail traffic controller to stop all traffic until further notice – advise all trains - Wait until Caribou have crossed before proceeding 	<ul style="list-style-type: none"> - Notify rail traffic controller as such that all trains are advised of presence of caribous near track - Watch for change in behaviour - Proceed at "Reduced Speed" allowing for sufficient braking distance 	<ul style="list-style-type: none"> - Sound signal for animals on or near track - Establish speed restriction - Stop as far back as possible - Wait until Caribou have crossed before proceeding 	<ul style="list-style-type: none"> - Proceed at usual speed - Notify rail traffic controller as such that all trains are advised of presence of caribous near track 	<ul style="list-style-type: none"> - Establish speed restriction - Proceed at "Reduced Speed" - Watch for change in behaviour 		



ՀԵՇՎԱ ԱՆԴՐԻ ՃՐՈՒՏԻ ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ - ԹԱՐՄՈՒԹՅՈՒՆԸ



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Monitoring and Follow-up Programs

כָּסֶב כַּלְעֵדָה כַּרְמֵלָה כַּרְמֵלָה

Terrestrial Environment Mitigation and Monitoring Plan ለኢትዮጵያ ፌዴራል ማስታወሻ የሚከተሉት በንግድ ነው

Vegetation / ወጪ

- Dust fall
➢ ଦୂର୍ବଳ ବ୍ୟକ୍ତିଗତ ପାଇଁ
 - Metal uptake
➢ ମୁଣ୍ଡରୀତିକାରୀ ପାଇଁ
 - Abundance and diversity
➢ ଅଧିକତଃ ଏକାନ୍ତର୍ଭୂତରେ



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Monitoring and Follow-up Programs

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‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘

Terrestrial Environment Mitigation and Monitoring Plan
‘අ▷ɂΔσ‘ ‘අ▷ɂΔσ‘ ‘අ▷ɂΔσ‘

(TSD 28, Appendix U) / (TSD-28, ▷ΔJΔU)

Birds / ປ່າຍ

- Active migratory bird nest survey
‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’
- Contribution to regional bird monitoring
‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’
- Cliff-nesting raptor research
‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’



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Monitoring and Follow-up Programs

‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘
‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘

Terrestrial Environment Mitigation and Monitoring Plan
‘අ▷ɂΔσ‘ ‘අ▷ɂΔσ‘ ‘අ▷ɂΔσ‘

(TSD 28, Appendix U) / (TSD-28, ▷ΔJΔU)

Caribou / ຜົມ

- Project-specific monitoring (height of land, snow tracks, constant vigilance, harvester observation)
‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’ ‘ປ່າຍ’



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Monitoring and Follow-up Programs

‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘ ‘බ▷ɂΔσ‘
‘බ▷ɂΔσ‘

Terrestrial Environment Mitigation and Monitoring Plan
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‘ȺɂΔ‘

(TSD 28, Appendix U) / (TSD-28, ▷ΔJΔU)

Caribou / ɂΔσ

- Crossing structure monitoring
‘ΔɂΔ‘ ‘ɂΔσ‘ ‘ɂΔσ‘
- Contribution to regional caribou monitoring
‘ɂΔ‘ ‘ɂΔ‘ ‘ɂΔσ‘



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Monitoring and Follow-up Programs

‘ birkaΔσ‘ ‘ birkaΔσ‘ ‘ birkaΔσ‘
‘ birkaΔσ‘

Terrestrial Environment Mitigation and Monitoring Plan
‘ȺɂΔ‘ ‘ȺɂΔ‘ ‘ȺɂΔ‘
‘ȺɂΔ‘

(TSD 28, Appendix U) / (TSD-28, ▷ΔJΔU)

Terrestrial Environment Working Group
‘ȺɂΔ‘ ‘ȺɂΔ‘ ‘ȺɂΔ‘

Culture, Resource and Land Use Monitoring
‘ɂΔσ‘ ‘ɂΔσ‘ ‘ɂΔσ‘



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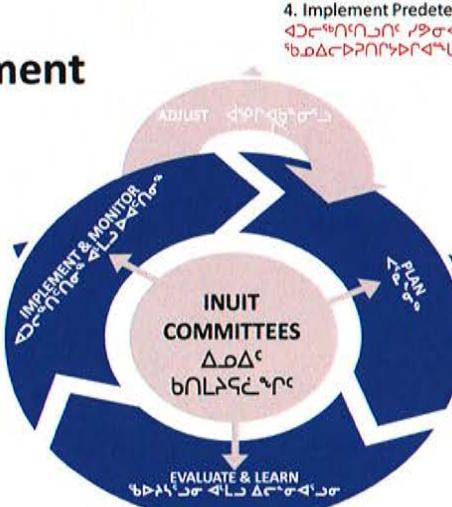


Adaptive Management

የኢትዮጵያ ማኅበር

- ### **3. QIA Implements Inuit Stewardship PI Monitoring Programs**

3. የዕድሜውን ስራ በትክክል እና ተስፋዎች የሚከተሉ ይገባል
አሁን የሚከተሉ የዕድሜውን ስራ በትክክል እና ተስፋዎች
የሚከተሉ የዕድሜውን ስራ በትክክል እና ተስፋዎች



- #### **4. Implement Predetermined Responses as Necessary**

- ## 2. Review of Monitoring Program Results Against Predetermined Indicators and Thresholds



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Rail Construction
Adaptive Management

- Flatten slopes for caribou crossings / የአራትና ማስቀመጥ በኋላ እና የአራትና ማስቀመጥ ስራዎች
 - Change material on side slope where crossings are later identified post construction
ፈጥሮች ስራው የተደረገ የአራትና ማስቀመጥ ስራዎች የሚያስፈልጉ ይመልከት ስለዚህ አገልግሎት የሚሰጥ
 - Inuit survey in front of construction crews and verification of crossings
አሁን የሚፈጸም የሚያስፈልጉ ይመልከት ስራዎች
 - Investigate caribou monitoring technology / ተጨማሪ የሚፈጸም የሚያስፈልጉ የሚያስፈልጉ የሚያስፈልጉ የሚያስፈልጉ



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Rail Construction Adaptive Management

- Key commitments since November 2019 will ensure Inuit and the role of IQ will be central to adaptive management
• Development of the Inuit Stewardship Plan to lead Culture, Resources and Land Use Monitoring
• Increased role of IQ through the Inuit Committee and on the ground participation in monitoring



Rail Construction Adaptive Management

- Key commitments since November 2019 will ensure Inuit and the role of IQ will be central to adaptive management
ʌɛnərʌlʌdəbɛlɪt̪ɪc mæðlən 2019Γσ ΔəmΔc ΔəmΔc ɔp̪ bɒdʒɪlɛnθ
ʌdʒɪbɛlɪt̪ɪnʌlən dɛv̪bɛsɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ ʌdʒɪbɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ.
 - Increased wildlife compensation and harvester support
dɛv̪bɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ ʌdʒɪbɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ ʌdʒɪbɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ
 - Adaptive Management Plan will reflect Inuit objectives, indicators, triggers for action and appropriate responses will require QIA approval
ʌdʒɪbɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ ʌdʒɪbɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ ʌdʒɪbɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ ʌdʒɪbɛlɪt̪ɪnθ ɔt̪bɛlɪt̪ɪnθ



Technical Review Summary

ປັດຈຸບັນ
ພົມພາສັກ
ດູອີບດູອີບ

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Key Issues Summary

່ານອນດູອີບດູອີບ

- Railway as a potential barrier to human and caribou movement

ດູອີບດູອີບ ດັວຍກຳດູອີບດູອີບ ດູອີບດູອີບ
- Railway alignment alternatives

ດູອີບດູອີບ ດັວຍກຳດູອີບດູອີບ



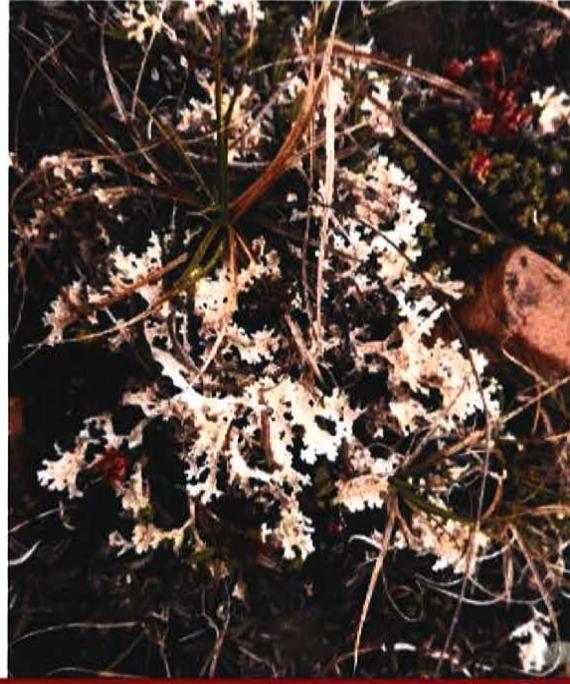
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Key Issues Summary

אָמַרְתִּי לְעֵדָה כִּי־בְּשָׁמֶן



Terrestrial Environment Key Commitments

ԱՐԴՅՈՒՆԱԴՐԱՎԱՐԱՐՈՒԹՅՈՒՆ

- Thaw consolidation and soil deformation monitoring
አዲር አስተዳደር የሚከተሉ ስርዓት በመፈጸም ማስታወሻ ሰጥቶ ይችላል
 - Modification to rail design to increase permeability (fill and slope)
የሚገኘውን ስራውን ስርዓት የሚሰጠውን ስርዓት የሚቀርቡት ስርዓት የሚያስተካክለውን ስርዓት የሚሰጠውን ስርዓት የሚቀርቡት ስርዓት
 - Adaptive Management approach for additional caribou crossings
የሚገኘውን ስራውን ስርዓት የሚሰጠውን ስርዓት የሚቀርቡት ስርዓት የሚሰጠውን ስርዓት የሚቀርቡት ስርዓት
 - Research on Zone of Influence and Disturbance Coefficients
የሚገኘውን ስራውን ስርዓት የሚሰጠውን ስርዓት የሚቀርቡት ስርዓት
 - Operation restrictions related to caribou such as:
የሚገኘውን ስራውን ስርዓት የሚሰጠውን ስርዓት የሚቀርቡት ስርዓት
 - Temporary speed restrictions with caribou sightings
የሚገኘውን ስራውን ስርዓት የሚሰጠውን ስርዓት የሚቀርቡት ስርዓት



Terrestrial Environment Key Commitments

ԱՐԵՈՎԱՆԻ ՀԱՅՈՒԹՅՈՒՆ

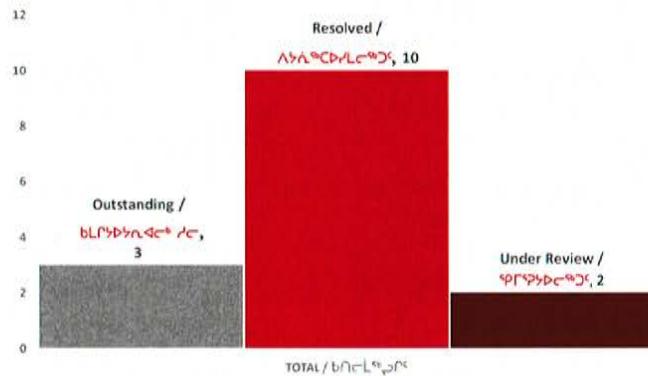
- Contribute to a caribou protection map and associated management requirements
Δບ່າດີກົມ ດັວຍກົມ ດັວຍກົມ ດັວຍກົມ
ແລ້ວ ແລ້ວ ແລ້ວ ແລ້ວ ແລ້ວ ແລ້ວ
 - Research Agreement with the GN in support of regional monitoring efforts
ພະນັກງານ ພະນັກງານ ພະນັກງານ
ພະນັກງານ ພະນັກງານ ພະນັກງານ
 - Railway Safety Protocol and Communication Plan
ມູນຄົມ ມູນຄົມ ມູນຄົມ
ມູນຄົມ ມູນຄົມ ມູນຄົມ
 - Pilot program to study lower slopes on caribou crossing
ໂປຣໂດນ ໂປຣໂດນ ໂປຣໂດນ
ໂປຣໂດນ ໂປຣໂດນ ໂປຣໂດນ
 - Inuit Construction Monitors
ພະນັກງານ ພະນັກງານ ພະນັກງານ



Status of Resolution

“buΔc[~]l[~]c[~]σ[~]γc ΔrL[~]▷P▷C▷γL▷c

Terrestrial Environment





Outstanding and Under Review – Terrestrial Environment

බලුවාදුන් උරුම් විවෘත පෙනුවේ නොවා

Comment Topic / උරුම් විවෘත පෙනුවේ

Related ID's / නොවා මැයිස් පෙනුවේ

Caribou / කැබුවා

WWF-FWS 07, MHTO-3

Railway / එකු ප්‍රංශයා

MHTO-1, MHTO-2



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Project Certificate Conditions

පෙනුවා

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බෞත්‍ය පෙනුවා ඇත්තා යුතුවා

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ለመተዳደሪያ ስርዓት የስራ ቀን አስፈላጊ

- Thaw consolidation and soil deformation monitoring
ለመተዳደሪያ ስርዓት አስፈላጊ የስራ ቀን አስፈላጊ
- Existing 39 Terms and Conditions and 27 Commitments direct monitoring and mitigation
ለመተዳደሪያ 39-ቸው ስርዓት የስራ ቀን 27-ቸው ስርዓት አስፈላጊ የስራ ቀን አስፈላጊ
- Terrestrial Environment Mitigation and Monitoring Plan (TEMMP) updated regularly based on “lessons learned”
ለመተዳደሪያ ስርዓት የስራ ቀን አስፈላጊ የስራ ቀን አስፈላጊ



Summary

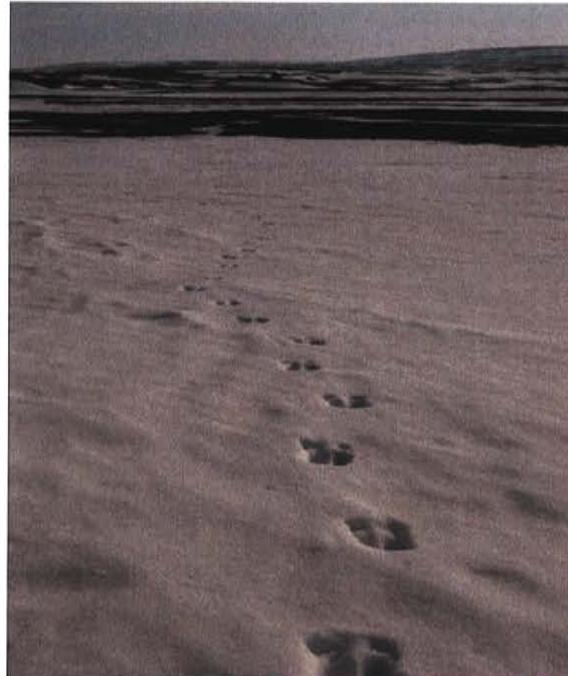
የመተዳደሪያ ስርዓት



Summary

▷ ᐃᓇᓘᑎ ᐃᓇᓘᑎ

- The terrestrial environment, outside of the Project Development Area, is adequately protected from Project disturbance
ᐃᓇᓘᑎ ᐃጀገસ, ሰጀጀાં રુચીં
ન્યાયિક નોંધની અનુભૂતિ અનુભૂતિ
ન્યાયિક નોંધની અનુભૂતિ
- Switching to rail has substantial benefits for protecting the terrestrial environment
માર્ગ પરિવહનની વિધાન ન્યાયિક નોંધની અનુભૂતિ
ન્યાયિક નોંધની અનુભૂતિ



Summary

▷ ᐃનાની અનુભૂતિ

- Community input to the Project Proposal has improved protection plans
માર્ગ નોંધની અનુભૂતિ અનુભૂતિ અનુભૂતિ
ન્યાયિક નોંધની અનુભૂતિ ન્યાયિક નોંધની અનુભૂતિ
- The NIRB, HTOs, the Qikiqtani Inuit Association, Government of Nunavut and other regulators will continue to monitor the effectiveness of Baffinland's Terrestrial Environment Mitigation and Monitoring Plan
માર્ગ નોંધની અનુભૂતિ, ન્યાયિક નોંધની અનુભૂતિ, ન્યાયિક નોંધની અનુભૂતિ
ન્યાયિક નોંધની અનુભૂતિ, ન્યાયિક નોંધની અનુભૂતિ, ન્યાયિક નોંધની અનુભૂતિ
ન્યાયિક નોંધની અનુભૂતિ, ન્યાયિક નોંધની અનુભૂતિ, ન્યાયિક નોંધની અનુભૂતિ





Thank you
ᓇᐅᔪᓘ



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