

ፎቶግራፍ ርዕስ: ልዩ ጋዜጠኝነትና ህግ ልማት ሚኒስቴር ፊርማ 17, 2018
ፊርማው ልዩነት ለሰጠው ህግ ልማት ሚኒስቴር ፊርማው ለሰጠው ህግ ልማት ሚኒስቴር
ህግ ልማት ሚኒስቴር ፊርማው ለሰጠው ህግ ልማት ሚኒስቴር (ፊርማው ለሰጠው ህግ ልማት ሚኒስቴር
ህግ ልማት ሚኒስቴር ፊርማው ለሰጠው ህግ ልማት ሚኒስቴር 08MN053)

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[illegible]

[illegible]

ΔCΔ^{5b} A - ΔNCD^{5Δ} NN^{5b}

Nunavut Impact Review Board Baffinland Iron Mines Corp. – August 2018 Monitoring Igloolik Community Information Sessions

SIGN-IN SHEETS

Location: Igloolik Community Hall

Date: Aug 17, 2018

Time: Evening

Page No:

Name (Please Print)	Organization or Community	Signature
Celestino Uyarak	Mayor of Igloolik	Celestino Uyarak
Mary Kunuk	Teacher	Mary Kunuk
JERRY ITTIRAK	Hunter	Jerry Ittirik
Δ ^{5b}		
Eulalie		
RICHARD AMARUALIK	HAMLET OF IGLOOLIK	Richard Amarualik
Alex Chailine	GN	Alex Chailine
Ogea Chailine	GN	Ogea Chailine
PETER KUNUK	CO-OP EMPLOYEE	Peter Kunuk
Rolanda Hannilay	Igloolik	Rolanda Hannilay
ΔCΔ - ΔLPΔ ^{5b}		
Δ ^{5b} ΔLPΔ ^{5b}	Igloolik	Δ ^{5b} ΔLPΔ ^{5b}
Δ ^{5b} Δ ^{5b}	Δ ^{5b} Δ ^{5b}	Moshi Katerik
Joseph Kierley	" "	Joseph Kierley
Lazarus Igrooseq	Igloolik	Lazarus Igrooseq
Dennis Jr. Tagooak	Igloolik	Dennis Jr. Tagooak

ፈርድግላጽ ሀ - ወይግላጽ ልዩገርግላጽ ስጦታዊ ስጦታዊ ስጦታዊ

NUNAVUT IMPACT REVIEW BOARD UPDATE ON THE MARY RIVER IRON MINE PROJECT MONITORING PROGRAM ᓄᓇᑭᔨ ᐱᓕᓂᓴᓂᐸᓪᓗ ᐅᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ Community Information Session ᓄᓇᓂᓴ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ Igloolik, NU ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ August 17, 2018 ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ 	Outline ᐃᓂᓴᓂᐸᓪᓗ >What is NIRB? >Why are we here today? >The Mary River Project >NIRB Monitoring Program >Site visits observations (2017/2018) >Public Participation in the NIRB Process >Updates on modification/amendments >Questions and Feedback > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ > ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ
WHAT IS THE NUNAVUT IMPACT REVIEW BOARD? ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ >An institution of public government created under the Nunavut Agreement. >The NIRB's mission is to protect and promote the well-being of the Environment and Nunavummiut through the impact assessment process. 	WHAT DOES THE NIRB DO? ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ 
WHY ARE WE HERE? ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ - Present: NIRB's update on the monitoring of the Mary River Project - Explain: NIRB's monitoring process for this project. - Ask: What are your concerns about the project? - Listen: Your questions, comments, and concerns - Assess: Using the information you share	 MARY RIVER PROJECT ᐃᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ PROJECT CERTIFICATE NO. 005ᓄᓇᓂᓴᓂᐸᓪᓗ ᐃᓂᓴᓂᐸᓪᓗ NIRB FILE NO. 08MN053

 MAJOR PROJECT COMPONENTS ᐱᓕᓕᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ 7	 MARY RIVER MINE SITE ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ 8
 STEENSBY AREA ᓐᓂᓐᓂᓐ 9	 TOTE ROAD ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ 10
 MILNE PORT ᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ 11	NIRB's Monitoring of Mary River Project 2017-2018 ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ ➤ Last monitoring update to the Board (November 2017) ➤ NIRB issues Monitoring Report and Recommendations to Baffinland (November 2017). ➤ Received Annual Report (April 4, 2018) ➤ Received comments on Annual Report (May 14, 2018) ➤ Site visits (April 17-20, 2018) ➤ NIRB to issue new recommendations based on 2018 observation (November 2018) 12
Project Development Status ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ ➤ 2017 marked the third season of open water shipping of iron ore ➤ 4.04 million tonnes of iron ore shipped between August 2 and October 17, 2017. ➤ 4.54 million tonnes mined and hauled using the Tote Road (exceedance of the approved limits by 7.5%).  13	Key Project Activities ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ ᐱᓐᓂᓐᓂᓐ ➤ Expansion of the crusher pad storage area ➤ Expansion of the ore stockpile storage area ➤ Construction of an additional truck wash building ➤ Replacement of accommodation camps.   14

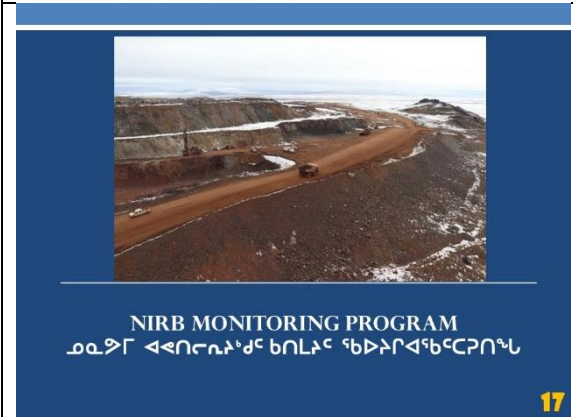
Operational Challenges

1. Stable iron ore price in 2017 (\$72/t)
2. Expanded market to ore buyers in U.K and Japan etc.
3. Some instances of non-compliance with authorizations:
 - (a) Port construction Camp site lay-down pad: INAC issued a "Stop work order" for the pad that was built overtop a stream.
 - (b) Waste Rock Facility (WRF): Minor water quality parameters exceedances was noted from discharges from WRF pond



- (a) Port construction Camp site lay-down pad: INAC issued a "Stop work order" for the pad that was built overtop a stream.
- (b) Waste Rock Facility (WRF): Minor water quality parameters exceedances was noted from discharges from WRF pond

Hours of Training Completed					
	2013	2014	2015 (Q4)	2016	2017
Employee Ethnicity					
African American	174,365	379,606	75,526	277,454	321,026
Hispanic	868,668	1,488,276	354,718	1,604,052	2,059,964
Total	863,177	1,867,882	430,244	1,881,506	2,380,990



NIRB MONITORING PROGRAM

ፌዴራል ብሔርና ክብረት ህክምናና የአየር ዳይሬክቶሬት

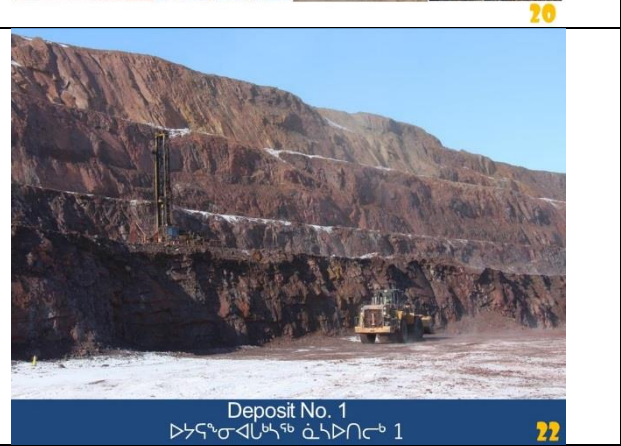
- * With approval of the original Mary River Project and the Early Revenue Phase Proposal, the NIRB issued a Project Certificate:
- * 182 Terms and Conditions designed to protect and promote the environment and communities
- * NIRB monitors compliance with the Project Certificate and the effectiveness of the terms and conditions
 - አስተማማኝነት መመለስ
በአየር ደረጃው በሚጨምርበት ሁኔታ
እንዲያስፈልጉበት እንዲችሉ ዓላማ ነው፡፡
 - 182 ስርዓተ-ሂደቶችና የአየር ዳይሬክቶሬት የሚፀድቅ የሆኑ የቴክኖሎጂ ማሻሻያዎችን በሙሉ ሊፈጸሙ ይችላሉ፡፡
 - የአየር ደረጃው በሚጨምርበት ሁኔታ ለአየር ዳይሬክቶሬት ማሻሻያዎች ሊፈጽሟቸው ይችላሉ።

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- List of community concerns from Pond Inlet
 ᐱᐱᓃᐅᓕᓐᓴᓐ ᓄᓇᐅᓐ ᐃᓕᓐᐱᓐ ᓕᓐᓴᓐᓴᓐᓴᓐ

 - Shipping
 - Wildlife
 - Sea Ice
 - Dust emissions
 - Waste Management
 - Employment
 - ᐅᓕᓐᓴᓐᓴᓐᓴᓐᓴᓐᓴᓐ
 - ᐅᓕᓐ
 - ᐅᓐᓴᓐ ᓐᓴᓐ
 - ᓐᓴᓐ ᓐᓴᓐᓴᓐᓴᓐ
 - ᐃᓕᓐᓴᓐ ᐃᓐᓴᓐᓴᓐ
 - ᐃᓐᓴᓐᓴᓐᓴᓐ



OBSERVATIONS BASED
ON
NIRB SITE VISIT

ኖቮምበር 2018 ለጥንታዊ ልማት
ፈጣሪ ስራ ላይ ከሚገኙት
ርዕዮተዊ ልማቶች አንዱ
ለጥንታዊ ልማት

April 17-20, 2018 (Winter visit)
August 24-28, 2017 (Summer visit)
ጥንታዊ ልማት ላይ ከሚገኙት
ርዕዮተዊ ልማቶች አንዱ

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NIRB MONITORING PROGRAM

ጋራ የክብርና ማስተካከያ ንድፍ በኢትዮጵያ

December 8, 2017:

- Baffinland notified NIRB that its 2017 road haulage would exceed (by 5-7%) the 4.2Mt/a limit established by the Mary River Project Certificate.

ጳጉሜ 8, 2017:

- ጨው ደንበኝ ባለቤት ከጊዜ በመሆኑም የጋራ የክብርና ማስተካከያ ንድፍ በኢትዮጵያ (በ 5-7% የ) 4.2 Mt/a ሊማል ይችላል ብለው አስቀመጡ።

NIRB MONITORING PROGRAM

ጋዲያ ልብረትና ክስተት የኮንትሮል ፕሮግራም

- The Project Certificate imposes several limits:
 - Baffinland shall not exceed 20 ore carrier transits to Steensby Port per month during the open water season and 242 transits per year in total.
 - In any given calendar year, the total volume of ore shipped via Milne Inlet, shall not exceed 4.2 million tonnes.
 - In any given calendar year, the total volume of ore transported by truck on the Milne Inlet Tote Road shall not exceed 4.2 million tonnes
- ጋዲያ ልብረር የኦፕሬሽን አጠቃላይ መቅደም ቁጥጥር፡
 - የአውሮጳ ዓመት ልብረት ስለሚሆን በአንድ ወር ልብረት ማጓጓዣ ምድቶች ብቻ ሊሆኑ ይችላሉ።
 - በአንድ ዓመት ውስጥ ለጋዲያ ልብረት ማጓጓዣ ምድቶች ብቻ ሊሆኑ ይችላሉ።
 - በአንድ ዓመት ውስጥ ለጋዲያ ልብረት ማጓጓዣ ምድቶች ብቻ ሊሆኑ ይችላሉ።

BAFFINLAND'S PHASED DEVELOPMENT APPROACH

ᐅᑦᓴᓐᓴᓐᓴ ᐱᓕᒪᐳᓂᔭᐅᓂᔭ ᐱᓚᓕᐳᐅᓂᔭᐅᓂᔭ ᐳᑦᓴᓐᓴᓐᓴ

- The Phase 2 Proposal
 - *Assessment Paused*
- The Production Increase Proposal
 - *Assessment Underway*

- ᐅᑦᓴᓐᓴᓐᓴ ᐅᓂᓂᓐᓴᓂᔭᐅᓂᔭ
ᑦᓴᓐᓴᓐᓴᓐᓴ
 - ᓂᐅᓂᔭᐅᓂᔭᓴᓂᔭ
ᓂᓂᓂᓂᓂᔭᓴᓂᔭᐅᓂᔭᓴᓂᔭ
- ᐅᑦᓴᓐᓴᓐᓴ ᓴᓂᓂᓐᓴᓂᔭᐅᓂᔭ
ᑦᓴᓐᓴᓐᓴᓐᓴᓂᔭᓴᓂᔭ
 - ᓂᐅᓂᔭᐅᓂᔭᓴᓂᔭᓴᓂᔭᓴᓂᔭ

NIRB WANTS TO HEAR FROM YOU!

ጤጋ፡፡ ለፍብርሐኑ፡፡ ልሰራ፡፡ ጋሃሊኖ!

- What do you think about the Project?
- Comments, questions or concerns
- What environmental components are important to you?
- What potential effects do you think this Project might have on the land, animals, and people?

- ኤፌዴ ልሲሊፍ፡፡ ለሰራ፡፡
- ስፔክፖሊኖ፡፡ ለፍብርሐኑ፡፡ ልሰራ፡፡
- ሲፍ ለፍብርሐኑ፡፡ ለሰራ፡፡ ለሰራ፡፡
- ሲፍ ኤፌዴ፡፡ ለፍብርሐኑ፡፡ ለሰራ፡፡ ለሰራ፡፡
- ሲፍ ኤፌዴ፡፡ ለፍብርሐኑ፡፡ ለሰራ፡፡ ለሰራ፡፡

Fill out a NIRB
comment form!

የፍብርሐኑ፡፡ ለፍብርሐኑ፡፡ ለሰራ፡፡ ለሰራ፡፡

How can you get involved? ፍጹፍ ለርብህድሮቹ ልማት?	
• Provide feedback this evening	• ዋና-ባለቤቱ ለፍጹፍ ምርጫ ርዕሰ ምክር ቤት ይሆናል
• Review Baffinland's 2017 Annual Report: www.nirb.ca/project/123910	• የጥገና ሪፖርት ሪፖርት 2017 ለፍጹፍ ምርጫ ርዕሰ ምክር ቤት ይሆናል www.nirb.ca/project/123910
• Submit written comments and questions: info@nirb.ca	• ጽሑፍ ምርጫ ርዕሰ ምክር ቤት ለፍጹፍ ምርጫ ርዕሰ ምክር ቤት ይሆናል ለፍጹፍ ምርጫ ርዕሰ ምክር ቤት: info@nirb.ca
• Phone the NIRB's office toll-free: 1-866-233-3033	• ለፍጹፍ ምርጫ ርዕሰ ምክር ቤት ለፍጹፍ ምርጫ ርዕሰ ምክር ቤት ይሆናል ለፍጹፍ ምርጫ ርዕሰ ምክር ቤት: 1-866-233-3033

THANK YOU
ኖጋላጊጊ
QUESTIONS & ANSWERS
ፈላጊነትና ምላሽ

no concerns	✓ traditional uses of land
water quality	Inuit harvesting activities
terrain disturbance	community involvement and consultation
✓ air quality	local development in the area
✓ terrestrial wildlife and their habitat	tourism in the area
✓ marine mammals and their habitat	✓ human health issues
birds and their habitat	Transboundary effects
✓ fish and their habitat	
heritage resources in the area	other: _____

Marine animals in and around
Stearns bay Inlet, Fishes around areas

Would the shipping go all year?
Does other Southern Baffin communities
has concerns? Kimmirut, cape Dorset and
Coral Harbour

Your Name: Celestina Ugank **Organization:** Mayor
Signature: Celestina Ugank **Date:** Aug 17, 2018

GENERAL COMMENTS FORM FOR PUBLIC MEETING
NIRB Monitoring of Baffinland Iron Mine Corp.'s Mary River Mine

Indicate your concerns about the project proposal:

- | | |
|--|--|
| no concerns | traditional uses of land |
| water quality | Inuit harvesting activities |
| terrain disturbance | community involvement and consultation |
| air quality | local development in the area |
| terrestrial wildlife and their habitat | tourism in the area |
| marine mammals and their habitat | human health issues |
| birds and their habitat | Transboundary effects |
| fish and their habitat | |
| heritage resources in the area | other: _____ |

Please indicate if there are any additional concerns with this project:

Dust seems to be going everywhere to the water, animals and plants. It concerns me if it is healthy for animals on the land or in animals. If there is a dust control it would help to save some animals. Breathing the dust is very unhealthy.

Do you have any specific questions or comments with respect to this project or the Nunavut Impact Review Board?

Your Name: May Organization: teacher
 Signature: [Signature] Date: Aug 17/18

GENERAL COMMENTS FORM FOR PUBLIC MEETING
NIRB Monitoring of Baffinland Iron Mine Corp.'s Mary River Mine

Indicate your concerns about the project proposal:

no concerns	traditional uses of land
water quality	Inuit harvesting activities
terrain disturbance	☒ community involvement and consultation
air quality	local development in the area
terrestrial wildlife and their habitat	tourism in the area
marine mammals and their habitat	human health issues
birds and their habitat	Transboundary effects
fish and their habitat	
heritage resources in the area	other: _____

Please indicate if there are any additional concerns with this project:

Do you have any specific questions or comments with respect to this project or the Nunavut Impact Review Board?

TO BE MORE ORGANIZED, BY HAVING A TRANSLATOR
FOR THE UNILINGUAL PEOPLE.

Your Name _____ **Organization:** _____

Signature: _____ **Date:** _____