



# **Community Information Sessions Summary Report**

**February 27 – March 22, 2017**

for the NIRB's Review of  
TMAC Resources Inc.'s "Phase 2 Hope Bay Belt Project"  
(NIRB File No. 12MN001)



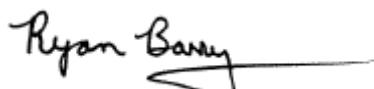
Nunavut Impact Review Board  
April 2017

## ACKNOWLEDGEMENTS

The Nunavut Impact Review Board (NIRB or Board) would like to thank all those who participated in the recent community information sessions held throughout the Kitikmeot region of Nunavut as part of the NIRB's Review of TMAC Resources Inc.'s "Phase 2 Hope Bay Belt Project" proposal. These meetings were an important component of the NIRB's ongoing public awareness program and served to provide the public with follow-up to the previous scoping meetings held by the NIRB staff in 2012. The meetings were successful owing to the participation and assistance of local organizations, community members, government and non-governmental agencies, and TMAC Resources Inc. The NIRB would like to thank the many Elders and community members who actively participated in the public meetings, sharing comments about the proposed "Phase 2 Hope Bay Belt Project" and Inuit Qaujimaningit with the NIRB staff and other meeting participants.

The NIRB would also like to take this opportunity to thank all of the communities for the warm hospitality offered to the NIRB staff during their recent visits.

Sincerely,

A handwritten signature in black ink that reads "Ryan Barry". The signature is fluid and cursive, with a horizontal line extending from the end of the "y" in "Barry" to the right.

Ryan Barry  
Executive Director  
Nunavut Impact Review Board

# TABLE OF CONTENTS

ACKNOWLEDGEMENTS .....	ii
1.0 INTRODUCTION .....	1
1.1 Outline of the Phase 2 Hope Bay Belt Project .....	1
1.2 Brief File History .....	4
1.3 Objectives of NIRB Review Process .....	5
2.0 NIRB community information sessions .....	6
2.1 Overview of Community Information Sessions .....	6
2.2 Setup of the NIRB Community Information Sessions.....	7
2.3 Meeting Materials .....	7
2.4 Agenda and Venues for Community Information Sessions.....	8
2.5 Advertisements .....	8
3.0 MEETING NOTES FROM THE NIRB's Community Information sessions .....	9
3.1 Gjoa Haven .....	10
3.2 Kugaaruk .....	13
3.3 Taloyoak .....	14
3.4 Cambridge Bay .....	17
3.5 Kugluktuk.....	19
4.0 SUMMARY AND CONCLUSION .....	20
APPENDIX A – The NIRB's Public Information Meeting Sign-in Sheets.....	21
APPENDIX B – The NIRB's PowerPoint Presentations .....	26
APPENDIX C – The NIRB's Public Meeting Notice Materials .....	56

# 1.0 INTRODUCTION

The Nunavut Impact Review Board (NIRB or Board) was established through Articles 10 and 12 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in right of Canada* (Nunavut Agreement) under which the Board is mandated to protect and promote the existing and future well-being of the residents and communities of the Nunavut Settlement Area, and to protect the ecosystemic integrity of the Nunavut Settlement Area with respect to proposed development projects and activities. This is done through the NIRB's environmental impact assessment process. An important part of this process is to inform potentially affected communities regarding proposed development projects and activities, and to promote public awareness and participation throughout the NIRB's assessment processes. The following report summarizes the public information sessions that were held in the communities of the Kitikmeot region from February 27 to March 22, 2017.

## 1.1 Outline of the Phase 2 Hope Bay Belt Project

The "Phase 2 Hope Bay Belt Project" (the Project) is a proposed mine project located approximately 153 kilometres southwest of Cambridge Bay in the Kitikmeot region, Nunavut. The Proponent is proposing to mine for gold at the Madrid/Patch and Boston mineral deposits in the Hope Bay Greenstone Belt, a 1600 square kilometre property. The construction, operation, and closure phases of the Project are anticipated to take five (5) years, fourteen (14) years, and four (4) years, respectively. The proposed major project components and associated project activities include:

### Madrid North Site

Activities and facilities to support development of the gold deposit at the Madrid North site will include:

- Underground workings;
- Ore processing facilities;
- Ore, waste rock pads and laydown areas;
- Fuel storage facilities;
- Quarry sites;
- All-weather access road to other sites;
- Tailings line to Doris North Tailings Impoundment Area;
- Site water management infrastructure; and
- Other mining support facilities.

## **Madrid South Site**

Activities and facilities to support development of the gold deposit at the Madrid South site will include:

- Underground workings;
- Ore and waste rock pads;
- Site water management infrastructure;
- Site roads and all-weather road to other sites;
- Quarry sites;
- Power plant; and
- Other mining support facilities.

## **Boston Site**

Activities and facilities to support development of the gold deposit at the Boston site will include:

- Underground workings;
- Ore processing facilities;
- Ore, waste rock pads and laydown areas;
- Dry-stack tailings management area;
- Site water management infrastructure;
- Waste water treatment plant;
- Fuel tank farm;
- Explosives storage facilities;
- Solid waste management facilities (including landfill and incinerator);
- Camp accommodation for 200 people;
- All-weather airstrip;
- Site roads and all-weather road to other sites; and
- Other mining support facilities.

## **All-weather Road**

The all-weather road component of the Project will include:

- Construction and operation of an all-weather road linking Madrid North and Madrid South sites to the Boston site;
- Upgrades to an existing all-weather road connecting the Madrid properties to the existing Doris North Mine site; and
- Development of quarry and borrow sites to support the construction of the all-weather road system.

## **Doris North Site**

Activities and facilities at the Doris North Mine site to support the Project will include:

- Processing facilities;
- Tailings Impoundment Area (to be expanded);
- Solid waste management facilities;
- Airstrip facilities;
- Camp accommodation (to be expanded);
- Explosives storage facilities;
- Laydown areas and fuel tank farms; and
- All-weather access and site roads.

### **Roberts Bay Site**

Activities and facilities at the Roberts Bay site to support the Project will include:

- Marine port infrastructure;
- Construction of a new off-loading cargo dock;
- Extension of service and access roads to cargo dock; and
- Construction of a 10ML diesel tank farm.

### **Mobilization and Shipping**

Activities and facilities to support the Project would include annual sealift delivery of fuel, equipment and supplies to the existing laydown area and the new dock and tank farm in the Roberts Bay area during the ice-free (open water) season. The end-product of mineral processing on site (gold doré bars) will be shipped off-site via air. Project personnel will be transported to the Project site via air transport and will travel within the site via land and air transport.

### **Abandonment, Decommissioning and Reclamation**

The final closure and remediation activities for the Project will include:

- Removal of equipment, site buildings and other above-ground infrastructure;
- Preparation of the Doris and Boston tailings sites for long-term closure;
- Securing underground workings and openings;
- Reclamation of disturbed areas; and
- Post-closure monitoring of the Project site.

The Proponent may also implement short-term/long-term temporary closure activities if required during the construction or operation phases of the Project.

All information received and pertaining to the "Phase 2 Hope Bay Belt Project" proposal can be accessed from the NIRB's online public registry at [www.nirb.ca](http://www.nirb.ca) by using any of the following search criteria:

- Project Name: Phase 2 Hope Bay Belt Project
- NIRB File No.: 12MN001
- Application No.: 124148

## 1.2 Brief File History

On December 8, 2011 the NIRB received the “Phase 2 Hope Bay Belt Project” proposal directly from the previous Proponent, Hope Bay Mining Ltd. (now TMAC Resources Inc.). On January 12, 2012 the NIRB received a request to screen the Project from the Kitikmeot Inuit Association (KIA) and proceeded to screen the proposal in accordance with Part 4 of Article 12 of the Nunavut Agreement. The NIRB issued its decision to the then Minister of Aboriginal Affairs and Northern Development (the Minister) on February 24, 2012 recommending that the proposal required a review under Part 5 or 6 of Article 12 of the Nunavut Agreement. On March 28, 2012 the NIRB issued an Addendum to the February 24, 2012 Screening Decision Report to incorporate comments from Aboriginal Affairs and Northern Development Canada (now Indigenous and Northern Affairs Canada). On May 30, 2012 pursuant to Section 12.4.7(b) of the Nunavut Agreement, the Minister referred the Project to the NIRB for a public review pursuant to Part 5 of Article 12 of the Nunavut Agreement and directed the NIRB to address the issues identified in the NIRB’s February 24, 2012 Screening Decision Report, including in consideration of potential cumulative impacts to barren-ground caribou populations. The NIRB undertook a series of public scoping meetings throughout the Kitikmeot region between October 9 and 23, 2012 including additional opportunities for consultation with the residents of Bathurst Inlet and Bay Chimo. On November 16, 2012 the NIRB released its report summarizing the results of these sessions, followed by the issuance of its Board-approved *Guidelines for the Preparation of an Environmental Impact Statement for Hope Bay Mining Ltd.’s Phase 2 Hope Bay Belt Project (NIRB File No. 12MN001)* on December 14, 2012.

On December 28, 2016 the NIRB received TMAC Resources Inc.’s (TMAC) *Draft Environmental Impact Statement (DEIS)* submission for the “Phase 2 Hope Bay Belt Project” and initiated an internal review of the DEIS to determine whether or not it conformed to the guidelines issued by the Board on December 14, 2012. On January 18, 2017 the NIRB accepted TMAC’s submission as a DEIS and invited interested parties to submit Information Requests to the Board for consideration by February 24, 2017. On March 24, 2017 the NIRB initiated a 60-day technical review period, and provided parties with notice of a Technical Meeting, Community Roundtable and Pre-Hearing Conference to be held in Cambridge Bay in June 2017.

## 1.3 Objectives of NIRB Review Process

Pursuant to Article 12, Part 5 of the Nunavut Agreement, the NIRB's review process will:

- assess ecosystemic and socio-economic impacts of the proposed Project;
- gauge and define the extent of the impacts on regions and communities; and
- determine on the basis of its review, whether the project proposal should proceed, and if so, under what terms and conditions, and then report its determination to the Minister.

The first step in the NIRB's Review was to scope the project proposal and the potential impacts associated with developing the "Phase 2 Hope Bay Belt Project" proposal. An important component of the NIRB's scoping process included the development of a public participation and awareness program to engage Nunavummiut and encourage effective participation throughout the Review. Issues raised at the Public Scoping meetings held in October 2012 and comments from parties regarding the NIRB's draft scoping list informed a complete and comprehensive project scope and provided input into the *draft* EIS Guidelines.

Upon completion of the scoping process and in accordance with Section 12.5.2 of the Nunavut Agreement, the NIRB then issued project specific guidelines to the Proponent for its preparation of an EIS for the Project. It is the responsibility of the Proponent to prepare an EIS in accordance with the guidelines and requirements established by the NIRB. The EIS developed in accordance with the guidelines will serve as the basis for the NIRB's Review of the Project, and will enable the Board and interested parties understand and assess the potential for Project-related ecosystemic and socio-economic effects.

Upon receipt of the DEIS from the Proponent in 2016 and acceptance by the NIRB, the technical review process was commenced. The technical review is meant to provide a detailed review of the DEIS, with the intent of analyzing the completeness and quality of the information presented by the Proponent. The next step in the NIRB's Review process consists of the development of technical review comments based upon parties' review of the DEIS. It is often requested that submissions include the following or similar considerations:

- Determination of whether Parties agree/disagree with the conclusions in the DEIS regarding the alternatives assessment, environmental impacts, proposed mitigation, significance of impacts, and monitoring measures – and reasons to support the determination;

- Determination of whether or not conclusions in the DEIS are supported by the analysis – and reasons to support the determination;
- Determination of whether appropriate methodology was utilized in the DEIS to develop conclusions – and reasons to support the determination, along with any proposed alternative methodologies which may be more appropriate (if applicable);
- Assessment of the quality and presentation of the information in the DEIS; and
- Any comments regarding additional information which would be useful in assessing impacts – and reasons to support any comments made.

The development of technical review comments may also involve parties' initial formulation of Information Requests that are based upon an initial review of the DEIS and the subsequent identification of any gaps or areas of uncertainty which must be addressed.

To ensure ongoing awareness of the NIRB process and to encourage effective participation throughout the Review, NIRB staff hosted public information meetings or sessions in potentially affected communities following the receipt of the DEIS. Through the public information sessions, the NIRB disseminates information about the Proponent's conclusions within its DEIS, and collects additional comments, concerns, and Inuit Qaujimaningit related to the project proposal and assessment conclusions as presented in the DEIS. Comments, concerns and ideas related to the project proposal are then summarized in a Public Information Meetings Summary Report such as this.

## 2.0 NIRB COMMUNITY INFORMATION SESSIONS

### 2.1 Overview of Community Information Sessions

The NIRB conducted public information meetings in the Kitikmeot communities<sup>1</sup> of Gjoa Haven, Kugaaruk, Taloyoak, Cambridge Bay and Kugluktuk. The NIRB planned the dates and route of this Information Session around specific community events. Despite the NIRB's planning efforts to avoid sessions coinciding with other community events, some sessions occurred at the same time as other community events. The public information sessions began on February 27, 2017 and concluded on March 22, 2017. An evening Public Information Session Meeting was held in each community while an afternoon Open House

---

<sup>1</sup> Seasonal residents of Bay Chimo and Bathurst Inlet were provided an opportunity to participate in the community information sessions in either Cambridge Bay or Kugluktuk.

session was also held in Cambridge Bay and Gjoa Haven. The NIRB staff was joined by representatives from the following organizations:

- **TMAC Resources Inc.:** Alex Buchan (present at all community sessions) Oliver Curran and Nicole Bishop (present at all sessions, except in Kugluktuk)
- **Nunavut Water Board:** Sonia Aredes (present at all community sessions, except in Kugluktuk)
- **Kitikmeot Inuit Association:** John Roesch (present at all community sessions, except in Kugluktuk)
- **Government of Nunavut:** Bradley Pirie (present at all community sessions, except in Kugluktuk)
- **Indigenous and Northern Affairs Canada:** Felexce Ngwa (present at all community sessions, except in Kugluktuk)

## 2.2 Setup of the NIRB Community Information Sessions

The information meetings were open to all members of the community and public, with bannock, fish, and refreshments provided. Door prizes were drawn for the evening sessions. All attendees were asked to sign in at each meeting (Appendix A). To facilitate an understanding of the Project and the environmental assessment process, the NIRB staff used maps, posters, and a PowerPoint presentation (see section 2.3 Meeting Materials) to facilitate the discussion of the NIRB's Review process, a description of the project proposal, and the major conclusions presented by TMAC within its DEIS. The NIRB presentations were delivered in English with simultaneous interpretation in Inuktitut or Inuinnaqtun as appropriate. The public was encouraged to provide comments on the proposed project and the potential environmental impacts. Both written and verbal comments at the public information meetings were recorded by the NIRB staff and the observers from other agencies.

## 2.3 Meeting Materials

Materials provided to the public at each of the community information sessions include:

- NIRB PowerPoint presentation in English, Inuktitut and Inuinnaqtun (see Appendix B)
- TMAC Resources Inc.'s Draft Environment Impact Statement
  - Volume 1 in Hard Copy
  - All Volumes in digital format
- TMAC Resources Inc.'s plain language summary of the Project (in English, Inuktitut and Inuinnaqtun) including display maps

- NIRB Guides (in English, Inuktitut and Inuinnaqtun)
- Comment Forms (in English, Inuktitut and Inuinnaqtun)
- Minister's Screening Decision dated May 30, 2012
- Nunavut Agreement
- Nunavut Planning and Project Assessment Act
- NIRB's EIS Guidelines for the Project
- NIRB's 10 Minimum EIS Requirements
- NIRB's latest Annual Report in English
- NIRB Sign-in Sheets

## 2.4 Agenda and Venues for Community Information Sessions

The NIRB staff consulted with community organizations and considered travel requirements in determining the timing of the community information sessions. The public meetings were held as follows:

<u>Community</u>	<u>Date</u>	<u>Times</u>
Gjoa Haven	February 27, 2017	2-4 PM & 7-9 PM
Kugaaruk	February 28, 2017	2-4 PM & 7-9 PM
Taloyoak	March 1, 2017	2-4 PM & 7-9 PM
Kugluktuk <sup>2</sup>	March 2, 2017 (rescheduled to March 22, 2017)	2-4 PM & 7-9 PM
Cambridge Bay	March 3, 2017	2-4 PM & 7-9 PM

## 2.5 Advertisements

Public notification is essential to effective public engagement and is a necessary pre-requisite of the NIRB's community information sessions. The NIRB informed the communities of the up-coming meetings through various advertisements including print media, radio and cable television. Samples of the advertisements distributed by the NIRB are located in Appendix C of this document.

### Radio

Public service announcements in English and either Inuktitut or Inuinnaqtun were provided to each Kitikmeot community radio station on February 16, 2017 with requests to have the announcements read on-air twice a day, until the day of each NIRB meeting.

---

<sup>2</sup> The community information session in Kugluktuk was rescheduled to March 15, 2017 and then again to March 22, 2017 due to inclement weather in Kugluktuk.

### **Posters/Flyers**

Poster advertisements in English and either Inuinnaqtun or Inuktitut were created and sent on February 17, 2017 to hamlet offices and many businesses in each community prior to commencement of the public meetings. These local community organizations were requested to assist with the posting of the flyers/posters in public places in advance of the community information sessions.

### **Newspaper**

Newspaper advertisements in English, Inuktitut and Inuinnaqtun were printed in *Nunavut News North* and *Nunatsiaq News* newspapers, and published on the Nunatsiaq News' online webpage for two (2) weeks prior to the commencement of the NIRB community information sessions on February 27, 2017.

### **Cable**

Cable advertisements in English, Inuktitut and Inuinnaqtun were aired on local co-op channels beginning on February 20, 2017 and ran until March 3, 2017

### **Letters of Invitation**

The NIRB distributed letters to provide notice and purpose of the NIRB's visits to communities. The letters were distributed on January 31, 2017 to the Hamlets offices of communities in the Kitikmeot region.

## **3.0 MEETING NOTES FROM THE NIRB'S COMMUNITY INFORMATION SESSIONS**

The following is a list of comments that were raised at the information sessions in the Kitikmeot region for TMAC Resources Inc.'s proposed "Phase 2 Hope Bay Belt Project". These comments help to identify items that need to be addressed or considered throughout the environmental assessment of the proposed project.

Please note that all comments from each community have been grouped under general headings that correspond to topics previously discussed during the scoping meetings for this Project.

## 3.1 Gjoa Haven

### 3.1.1 Meeting Notes

Date	Meeting type	Time	Attendance
February 27, 2017	Open House	2:00-4:00 pm	11
February 27, 2017	Public Information Session	7:00-9:30 pm	38



### 3.1.2 Comments, Concerns, and Questions

#### Environment

- A majority of us have grown up here, were born and raised on the land and use to eat country foods prepared by our mothers. We were born and raised on mother's milk derived from eating healthy food. I believe that the project may impact animals. We know that animals don't like noise/human presence and that is my concern. I think the mine may impact animal.
- We have concerns about shipping on marine mammal. It seems there will be large amount of fuel that will be shipped once shipping starts. What if there is an accident and fuel spills? I don't think there are facilities to deal with such accidents here in our community. I don't think we have any emergency equipment. We had one ship that went aground and another barge had to come and transfer the fuel to the other ship. I know that INAC has navigation routes but there are some captains that do not follow this. If there is such an accident here, I think sea mammals will be affected.
- At Boston/Windy Lake Camp, there used to be waste there. Has all that waste been transported out?
- When refueling the fuel tank, what time of the year do you plan to do it? We are fishermen and are concerned that char that use that area may be affected by fuel. Understand that fuel spill is important to watch over. I was

concerned about fuel spill but now that we understand that you have a plan to deal with spill, we are happy. When NIRB will be approving the project in Cambridge Bay, I advise that an elder or 2 be invited.

- I will like to add that in Doris North, there is water being recycled and spread on the surface area. Once they start processing the ore, will the water that results from this be dumped into the marine environment? Won't it impact marine organisms? Will treatment of water from the ore occur and how will this water be treated?
- It is the portable water that is being dumped on the ground. When they start to crush the ore. I hear that they will pour the water that is used into the marine environment. Isn't that dangerous?
- Human waste treatment is OK, I think he is talking about waste from mine getting into the marine environment.
- At the time that I was working at the mine, there was a small lake next to the waste area and the water that was used for washing the rocks was allowed to flow into the environment.
- When we have this kind of project there is going to be pollution, what will be used be used to extract the gold? What kinds of chemicals are used to get gold out of the ore?
- We have concerns about impacts to the ocean from tailings disposal.
- We hear that there won't be much environmental impacts but we know there will be dust and all kinds of pollution from the mines. What are they going to use to extract the gold from the ore, i.e. what types of chemicals will they use?

### **Socio-Economic**

- I appreciate that the mine will be providing employment. My question to TMAC is: what kinds of benefits will communities be receiving from the mine? Gjoa Haven, for example, does not have an elder's facility, transportation for elders, etc. Will the company help the community in that way?
- If the mine impacts country foods, what are we going to be eating?
- When it impacts our wildlife and we can't eat our wildlife anymore, who will pay for our food? It is so expensive up here.
- I appreciate that the mine will provide employment and hope to see it stay that way

### **Project**

- All the hazardous material located at the Boston Site, has that been shipped out?
- I would like to know if the new dock will be used for shipping.

- I have worked at Doris North, and there is a small jetty at a shallow site and I'm concerned about this. I am pleased they will build a new dock which is deeper.

## **Other**

- We are working with people on various things: applications for mining prospection from GN, etc. What is the process if the Board says yes to a project and the Minister says no?
- When the NIRB is going to do approvals for these processes, please have an elder present.

## 3.2 Kugaaruk

### 3.2.1 Meeting Notes

Date	Meeting type	Time	Attendance
February 28, 2017	Public Information Session	7:00-9:30 pm	37



### 3.2.2 Comments, Concerns, and Questions

#### Socio-Economic

- What types of jobs are available at the mine and how do you apply for them?

### 3.3 Taloyoak

#### 3.3.1 Meeting Notes

Date	Meeting type	Time	Attendance
March 1, 2017	Public Information Session	7:00-9:30 pm	36



#### 3.3.2 Comments, Concerns, and Questions

##### Environment

- You have stated that there may not be too many impacts on wildlife and animals, but we know that even sound disturbs animals, especially marine mammals which swim away from noise sources. Caribou and birds don't stay in the same place when they hear noise. They move away from noise disturbances. Our forefathers gave us this type of knowledge. When mining companies are exploring, they can disturb animals on the tundra. I am concerned that should more projects happen, these types of impacts will increase.
- Also please note that noise pollution and air quality are very important to us, so the company needs put heads together to see how these issues can be addressed.
- We hear noise pollution every day when the planes are taking off at the airport. The mine will create a social problem.

##### Socio-Economic

- I was born and raised here and will die and be buried here. I sit on the board of the Kitikmeot Inuit Association, but I am not talking about that. When you talked about employment, you said you will hire people from here but how do we believe you? It's been a long time since you started the Doris North mine, but the only businesses that TMAC wants to hire are companies owned by KIA. Small businesses outside Cambridge Bay are not considered.

I want TMAC to take a careful look at their hiring process and try to address unemployment in other Kitikmeot communities.

- I have been involved in a company that was advised to put the bid but some other business was awarded the contract probably because they had information that we did not have.
- We have about 300 kids in school now, so the company needs to see how they can meet their employments needs.
- In the Kitikmeot region, we will like to see growth in small communities. When people in other regions make applications for jobs and company decides to employ from the Kitikmeot globally, they also need to have plans to improve upon recruitment from the less represented smaller communities.
- About hiring of workers, I remember that one of the contractors was instructed to hire workers from a particular community. Are these practices going to continue into the future?
- I like to know this from TMAC. You say that the mine will go for 19 years. I want to know if anyone from the community has applied to work on the mine and has been hired. I and other Inuit applied for housekeeping jobs at the mine and were expecting to be hired but were not. You will be here for 19 years and are saying that you will hire qualified Inuit. If you want to hire Inuit who are qualified, then you will need to go to Arctic College and train Inuit. Also, please hire us now, not two years before the mine closes.

## **Project**

- Will the pipeline to Roberts Bay be carrying tailings or (waste) water from the camp?
- There are different types of transportation for mining (e.g. sea, air) which can result in accidents. There is need for emergency services in the camps to deal with potential accidents and malfunctions.

## **Other**

- I want to say that Inuit way of life and mining are 2 opposite things: the Inuit way of life is to migrate with the animals, take only what you need, mining is to take and ruin our land. Our children need to learn our way. I can teach my kids and grandchildren where to go to catch fish, where to go to find caribou, where to go to catch a whale, where to go to camp. Mining will only ruin our land. I know of no Aboriginal (the first people of the land) becoming rich from mines. Even the mines in the south, Africa, never had a first people of the land become rich. While Inuit take only what they need from the land, mining takes as much as they can without thinking of future generations. I want NIRB and the company to know this reality. We have examples of diamond and gold mines in the south where mining companies

made a lot of money but the First Nations never benefitted. I think this may be the same for us in Nunavut.

- I want the NIRB to note that there is no one in this room today who worked on components of DEW line projects (in the 20s, 30s, 40s?). Many of them died from cancer. I don't know if this is related to their work on the DEW line projects, but I think there needs to be research to find out how these projects affect us.

## 3.4 Cambridge Bay

### 3.4.1 Meeting Notes

<b>Date</b>	<b>Meeting type</b>	<b>Time</b>	<b>Attendance</b>
March 3, 2017	Open House	2:00-4:00 pm	15
March 3, 2017	Public Information Session	7:00-9:30 pm	14



### 3.4.2 Comments, Concerns, and Questions

#### Environment

- Yes, I have concerns. I know that in some areas, the road will be quite high. From past observations, caribou migration takes place at the same time as mine works. I have observed caribou migrate east of Boston heading south by the thousands. Looking at the map, I am sure other migrating caribou go northwest of Boston. I was just wondering how high the road will be in some areas. Will this not affect caribou migration?

#### Socio-Economic

- It is good you are having a public meeting like this one so that we can express our concerns. I have lots of concerns about the mine. I worked on the project some time ago and I am still interested in working there. It's good that there are lots of jobs. My concern is that we need to keep beneficiaries in mining jobs and training. I would like to see Inuit in high positions as well. We need to follow the land claims agreement to hire and train Inuit.
- I left Hope Bay because of family issues but will be willing to go back to work there sometime in the future. The people in the company were good to work with.

- We also have to watch closely to ensure caribou migration is not affected. Lots of people in the Kitikmeot are looking for jobs. I hope this project goes ahead. I support it 100%.
- We applied for jobs at one of the mines but have not heard back from the company. It seems to be hard to get jobs at the mine site but we are still waiting to hear from them.

## **Project**

- Will the all-weather road be used in winter and summer? I ask this because this is a really long stretch that will run into creeks, rivers and in some places it will pass through high spots. I am just wondering if it will be built with gravel. I think there is another project, Grays Bay all-weather road which will also be built in this region. Will it be built now or in the future?
- This is not my first experience with workshop or meetings with TMAC. Beneficiaries in the Kitikmeot want to see Phase 2 Project go ahead. Looking at other mines in Nunavut, I think TMAC is going in the right direction.

## 3.5 Kugluktuk

### 3.5.1 Meeting Notes

Date	Meeting type	Time	Attendance
March 22, 2017	Public Information Session	7:00-9:30 pm	22



### 3.5.2 Comments, Concerns, and Questions

#### Environment

- Caribou is the main thing for this community. I'd like to see caribou protected. There used to be caribou all over in the winter time. Migration of caribou is changing. I'm happy the company plans to protect caribou.

#### Socio-Economic

- I like seeing people get jobs. It's good for the Inuit people who need jobs. I'm happy with it.
- What percent of Inuit will work at the mine?
- A past mine in the area went bankrupt and left all their equipment on site. If TMAC went bankrupt, like Tahera did, would it be able to pay its employees?

#### Project

- It's nice and close to the ocean, don't need ice roads, it's right on the edge of the ocean. I'd like to see ships go there as it would be good for the company and the Inuit people.
- How much gold are you planning to dig out in the 19 year mine life?
- What do you do with the buildings after the mine is closed?
- What will happen to the sites when done?
- I know Boston is a ways away from Hope Bay. How are you going to move the gold? Or are you just leaving it at Boston?

#### Other

- Thank you for a good presentation, I'd like to see this project go ahead.

## 4.0 SUMMARY AND CONCLUSION

Community members provided their comments on a variety of topics of concern at the NIRB's community information sessions on TMAC Resources Inc.'s *Draft Environmental Impact Statement* for the "Phase 2 Hope Bay Belt Project" proposal. Comments generally focused on potential impacts of the project to the natural environment, including caribou, freshwater and marine life, and to the socio-economic environment, including employment opportunities and Inuit traditional activities. Community members also requested clarifications in relation to the project proposal.

All comments raised during the meetings have been included in this report for broader publication, and may assist the NIRB in identifying items to be addressed during the Review of the Project.

## APPENDIX A – THE NIRB'S PUBLIC INFORMATION MEETING SIGN-IN SHEETS

## Gjoa Haven

**Nunavut Impact Review Board  
TMAC Resources Inc. - Phase 2 Hope Bay Belt Project  
Community Information Sessions**

SIGN-IN SHEETS		
Location: Gjoa Haven	Organization or Community	Signature
Time: 7pm		Date: 27 feb 17 Page No: 2
Name (Please Print)		
Raymond Aglukkaq	Gjoa Haven, NU	Raymond Aglukkaq
Sammy Igashuk	"	Sammy Igashuk
Gregory Ataluk	Gjoa Haven	Gregory Ataluk
Sammi Sallermie	Gjoa Haven	Sammi Sallermie
Adrian Kusugattuq	Gjoa Haven	Adrian Kusugattuq
SUSIE NAGAMUNN	Sudan - Beaver	Susie Nagamunn
Marvin Agluktaq	Gjoa Haven	Marvin Agluktaq
Mark Kusugut	Gjoa Haven	Mark Kusugut
Leesa Agapie	" "	Leesa Agapie
ENYKE ALLIANCE	" "	ENYKE ALLIANCE
Leanne Ataluk	" "	Leanne Ataluk
Cynthia Ataluk	" "	Cynthia Ataluk
MARK ULIKTAK	" "	Mark Uluktak
Samuel Olliq	" "	Samuel Olliq
Broadfile	GN	Broadfile
John Roesch	KIA	John Roesch

# Kugaaruk

Nunavut Impact Review Board  
TMAC Resources Inc. – Phase 2 Hope Bay Belt Project  
Community Information Sessions

## SIGN-IN SHEETS

Location: Kugaaruk	Organization or Community	Date: Feb 28 Page No: 1
Name (Please Print)	Signature	
Sonia Arrows	KWIB	Louis Arrows
Brad Cirie	GN	Brad Cirie
John Poosch	KIA	John Poosch
Serina Sissons		
Adale Sissons	Kugaaruk	
Lawrence Sissons	Kugaaruk	
Sheila Tinashlu	Kugaaruk	Sheila Tinashlu
Felicia Ngum	TMAC	Felicia Ngum
John	Kugaaruk	John
Nicole Baskay	GN	Nicole Baskay
Cherie Curran	TMAC	Cherie Curran
Alex Bushman	TMAC	Alex Bushman
C. Arrows Sissons	Kugaaruk	C. Arrows Sissons
ATHOL	Kugaaruk	Athol
Norman	Kugaaruk	Norman
Hunter	Kugaaruk	Hunter
KUSSELL	Kugaaruk	KUSSELL
Lenora	Kugaaruk	Lenora

Nunavut Impact Review Board  
TMAC Resources Inc. – Phase 2 Hope Bay Belt Project  
Community Information Sessions

## SIGN-IN SHEETS

Location: Kugaaruk	Organization or Community	Date: Feb 28 2017 Page No: 2
Name (Please Print)	Signature	
Mary Tinashlu	Kugaaruk	Mary Tinashlu
ROSA DOGARK	Kugaaruk	
Kathy Anarhug	Kugaaruk	Kathy Anarhug
ASHLEY TOTALIT	Kugaaruk	ASHLEY TOTALIT
Solomon Sissons	Kugaaruk	
Maureen Sissons	Kugaaruk	Maureen Sissons
Corey Sissons	Kugaaruk	
Martha Inukson	Kugaaruk	
Blythe	Kugaaruk	
Jesse	Kugaaruk	

## Taloyoak

**Numbered Impact Criterion Board  
TMAC Resources Ltd. - Phase 2 Hope Bay Bell Project  
Contingency Information Services**

#### SIGN-IN SUBJECTS

Location: Takiyeh-e-Sultani  
Date: 7...

State: Minnesota, Year: 2017  
Page Number: 1

Name (Please Print)	Organization or Community	Signature
Ross Parryapuk	Ta.10Y0A K	ROSS Parryapuk Lena Pels
SARINA ALEXANDRA	N.W.S	Brandy Rose
Brent Pixie	GN	g.f.s.
SISTER ANITA	House of Tomorrow	
Shirley Kuhn	Tallegock	Shirley Kuhn
251	Shirley Kuhn	251
MARY ALEXAH	Tallegock	251
JAMES E. FORD, M.D.	"	
LOUISE ANITA	INTERIM	LOUISE ANITA
Subtribe		
Sister Angel	T.U	Angel
Mukulu Tucktoo	Tallegock Nu	251
Imme Parryapuk	-	251
TRINITY PARRYAPUK	-	TRINITY PARRYAPUK
debbie curran	T.MAC	debbie
NICOLE BISHOP	BR.M	NICOLE BISHOP
Dawnie Motter	Tallegock, ND	Dawnie Motter
Summer Parryapuk	House Tomorrow	Summer Parryapuk

**Nonresidential Impact Review Board  
EMAC Resources Inc. - Phase 2 Higo Bay Belt Project  
Community Information Session**

**SIGN-IN SHEETS**

Location: Tolson's office

Date: March 1, 2017  
Page No.: 2

Name (Please Print)	Organization or Community	Signature
Janette Kingmawing	Taloyont	Janette Kingmawing
DeWitt Miskie	Taloyont M.	DeWitt Miskie
C. Johnson	Taloyont M.	C. Johnson
Sally Takwak	Taloyont	Sally Takwak
Holly Ann	Taloyont	Holly Ann
Lorie Jackette	Taloyont	Lorie Jackette
Kathy Justine	Taloyont	Kathy Justine
John Ponch	KIT	John Ponch
Linda Tuckson	Taloyont	Linda Tuckson

**Nunavut Impact Review Board  
TMAC Resources Inc. - Phase 2 Hope Bay Belt Project  
Community Information Sessions**

#### SIGN-IN SHEET

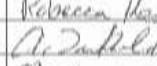
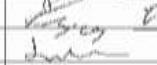
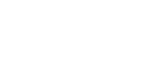
**SIGN-IN SHEETS**

1990 年 1 月 1 日起施行

#### SIGN-IN SUBJECTS

1996-1997 学年 第一学期 期中考试卷

Date: March 1, 2017  
Page No: 2

Name (Please Print)	Organization or Community	Signature
Rebecca Nigora BRIAN STAFFORD	INAC ARTIC COLLEGE	 BRIAN STAFFORD
ANNIE PANILOO		
Robert GUGGINS		
Vera Paniloo		
Rebecca Kara	TRUE NORTH	Rebecca Kara
ALIAH TAPALIA	TAPALIAH NL	
Stephanie Tuckton	" "	Stephanie Tuckton
Kelly Ongait	" "	Kelly Ongait
Deanna Gress	" "	
Jayko Narsonash	KIA	
Legay Ongait		
Kotikakiepik		
Spencer Ongaitashuk		
Shawn Kastork	TALYONK NUUNAVUT	
Zyrae Rymer		
Yukon James	" "	
Krispy Akiak		

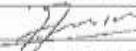
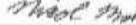
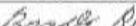
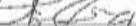
## Cambridge Bay

**Nunavut Impact Review Board  
TMAC Resources Inc. – Phase 2 Hope Bay Belt Project  
Community Information Sessions**

### SIGN-IN SHEETS

Location: Cambridge Bay  
Time: 2pm

Date: March 3, 1917  
Page No: 7

Name (Please Print)	Organization or Community	Signature
Seleyna Nigura	TNAC	
Elisaveta Lopushina	TNAC	
Alfonso Bishoff	GNAC	
Almae Buchanan	TNAC	
Nicole Matysiak	TNAC	
Brett Pirie	GN DOE	
John Roesch	KIA	
Key Estrella	TNAC	
Bret Higgin		
Kaleel Avarduk	Humblet	
JIMMY HANNAH	HFO	
Ruby Hamiliton		
Jimmy Avarduk	Hunter	
Heather Kinyon		
Paula White	QEC	

**Nunavut Impact Review Board  
TMAC Resources Inc. – Phase 2 Illoq Bay Belt Project  
Community Information Sessions**

**SIGN-IN SHEETS**

Location: Cambridge Bay  
Time: 7pm

Date: March 3, 2017  
Page No: 1

Name (Please Print)	Organization or Community	Signature
Sonia Areoer	XWB	Sonia Areoer
Brad Pirie	GN DOB	Brad Pirie
Alex Burrow	TMAC	Alex Burrow
Jenny Hamilak	ENTO	Jenny Hamilak
Johnny Aulak	Hunter	Johnny Aulak
Ruby Hamilak	Can Bay	Ruby Hamilak
Key Ernak	TMAC	Key Ernak
Flexice West	TMAC	Flexice West
Heather Kigumi	Cambridge Bay	Heather Kigumi
John Roesch	KIA	John Roesch
Emma Hlongwany		Emma Hlongwany
Oliver Curran	TMAC	Oliver Curran
Nicole Bishop	CRM	Nicole Bishop
Charlie Pootoogook	Can Bay	Charlie Pootoogook

# Kugluktuk

**Neenup Impact Review Board  
TSMAC Resources Inc. - Phase 2 Hope Bay Belt Project  
Community Information Session**

**SIGN-IN SHEET**

Date: March, 81, 2017  
Page No. 1

**Nunavut Impact Review Board  
TMAC Resources Inc. – Phase 2 Hope Bay Belt Project  
Community Information Sessions**

**SIGN-IN SHEETS**

Date: March 21, 2012  
Page No: 1

**Nunavut Impact Review Board  
TMAC Resources Inc. – Phase 2 Hope Bay Belt Project  
Community Information Sessions**

**SIGN-IN SHEETS**

Date: March 01, 2017  
Page No: 1

Time: 7 P.M.	Page No. 7	
Name (Please Print)	Organization or Community	Signature
Connie Pangan	Kugluktuk	Connie Pangan
Doreen Kivikuluk	Kugluktuk	Doreen Kivikuluk
Fredrik & Aptina	Kugluktuk	Fredrik & Aptina
Gordon Hissomare	Kugluktuk	Gordon Hissomare
Anita Nogashuk	" "	Anita Nogashuk
Joan Kivikuluk	" "	Joan Kivikuluk
Johnny Nuvialuk	Kugluktuk	Johnny Nuvialuk
Bonita Kekik	Kugluktuk	Bonita Kekik
Leanne Kekik	Kugluktuk	Leanne Kekik
Robert Havayuktuk	" "	Robert Havayuktuk
David Pootoogook	EDT (GN)	David Pootoogook
Tom Nuvialuk		Tom Nuvialuk
Ricardus Akwata	Kugluktuk	Ricardus Akwata
Shawn Anaktik	Kugluktuk	Shawn Anaktik
Gordon Kiffi	Kugluktuk	Gordon Kiffi
Elvira Ettuk	Kugluktuk	Elvira Ettuk
David Kivikuluk	" "	David Kivikuluk
Alex Buchan	TMAC	Alex Buchan

# Nunavut Impact Review Board Community Information Meetings Summary Report TMAC Resources Inc.'s "Phase 2 Hope Bay Belt Project"

# APPENDIX B – THE NIRB'S POWERPOINT PRESENTATIONS

## English-Inuinnaqtun



### NUNAVUT IMPACT REVIEW BOARD NUNAVUTMI AVATILIRIYUAKKUT KATIMAYIT

Community Information Session for the  
NIRB's Review of the Phase 2 Hope Bay  
Belt Project.

Inungnuit Naunapikaidjut NIRB-kut.  
Ihvriuminnganut Ilangani 2 Hope Bay  
Nunanganik Havaauhikhaq.

February 6, 2017  
February 6, 2017

### Outline Ihumaliurut

- What is the NIRB and what do we do?
- NIRB's Environmental Assessment Process
- Phase 2 Hope Bay Belt Project
- Next steps of the NIRB Review Process
- Hunaukmat NIRB qanuriatuqitalu?
- NIRB-kut Avatilirinnganut Ihvriumiqmut Havaanga
- Ilangani 2 Hope Bay Nunanga Havaauhikhaq
- Talvanga piyakhat NIRB Ihvriuminnganut Havaanga

### What is the Nunavut Impact Review Board? Hunauyuq hamna Nunavutmi Avatiliriyuakkut Katimayita?

An Institution of public government responsible for environmental impact assessment of proposed projects in Nunavut.

Timiuyut haftumani kitunuliquaak kavamanut amirigloqaqangit avatnun aktuqbaunikut Ihvriumingit umani tukhutashimayumut havaanut Nunavut Iuani



### The NIRB's Mission NIRB-kut Tikinnahuaqtangit

- To protect and promote the well being of the Environment and Nunavummiut through the Impact Assessment process
- Hapumminahuarigit ikayumahuarigilu inuutlarmikut haftumani avatnun Nunavutmiunut aktuqtaunnirumik Ihvriumigut pilirangit.



### Who is the NIRB? Kitkuukmata NIRB?

- 8 board members, 1 Chairperson
- Nominated by government and Inuit Organizations
- Office in Cambridge Bay – 20 staff
- Bnik kattimayiglit, atsuhimik
- Ihvivutikimik
- Minusqayuq kavamanik Inuit Timiqigiyayunlu
- Havaviktaq iqasututamit – 20ik havavik



### What does the NIRB do? Qanuriuqut NIRB-kut?



## The NIRB's Environmental Impact Assessment

- When looking at proposed projects, the NIRB checks to see what the different possible impacts could be



Impacts =  
Changes to environment and people



## NIRB-kut Avatilirininnanganut Ayurhautininnanganut Ihivniumiqmut

Qarngititikapit inuusikibarut, NIRB-kut naumiyamiaqqa itut sedaliqtinguyut ayurhautigyniutqanaginrik



Ayurhautigut =  
Aadlangumiq avatinganut inunginnulu



## Changes to the environment Aadlangumiq avatinganut.



Air quality  
Ariqas-puttik  
qapitqasik

Landforms  
Tunngava

Wildlife  
Hunngigut

Ground stability  
Nunavut  
Represents

Marine life  
Tulugavut  
Represents

birds  
Tingngut

Water  
Inuutqut

Terrestrial life  
Inuutqut  
Represents

Vegetation  
Hunngi naumayut

## Changes to communities Aadlangumiq nunallaanut



Land and Resource Use  
Nunavut, Nunavik, Nunatsiavut, Atalassia

Food security  
Niqipirpik

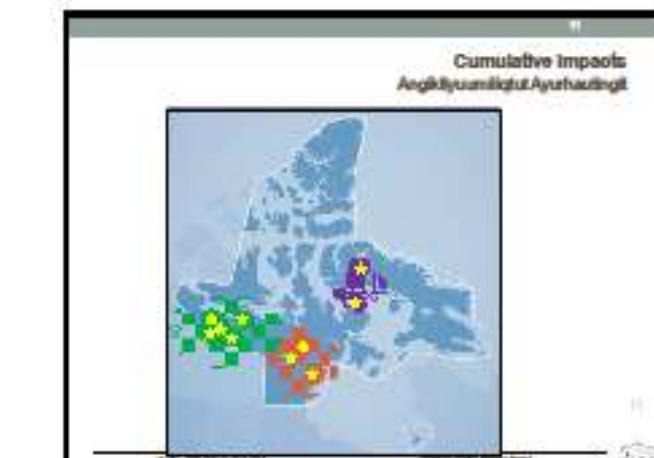
Livelihood  
Inuutqut

Community infrastructure & public services  
Nunavut, Nunavik, Nunatsiavut, Atalassia

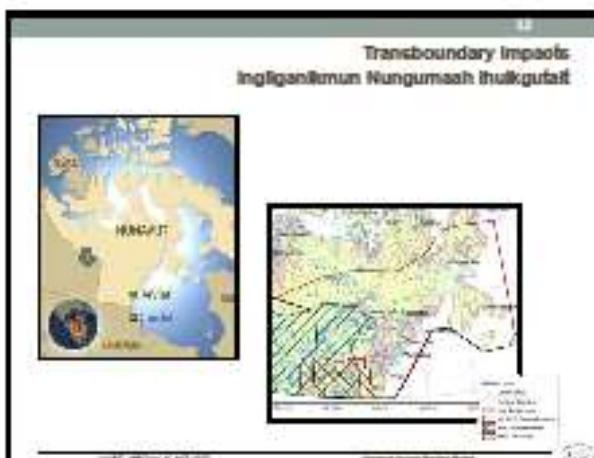
Employment  
Inuutqut

Archaeology  
Inuutqut

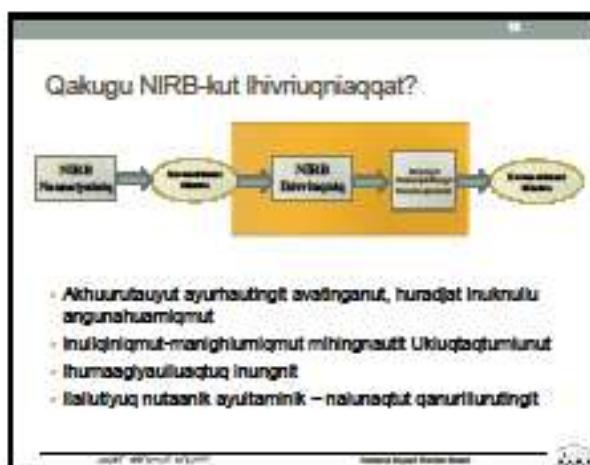
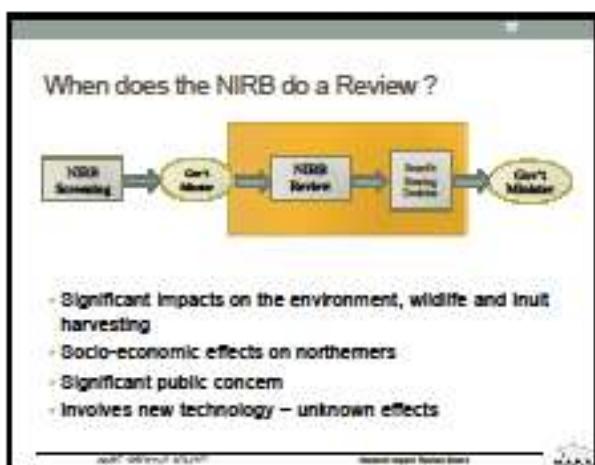
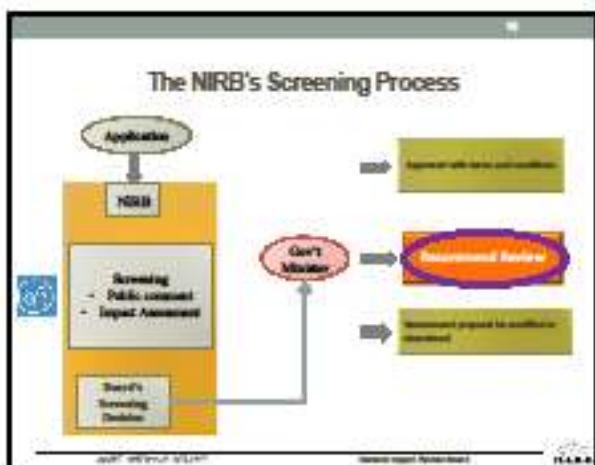
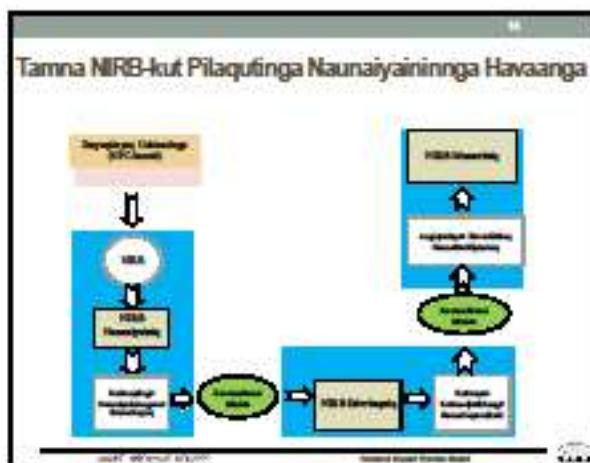
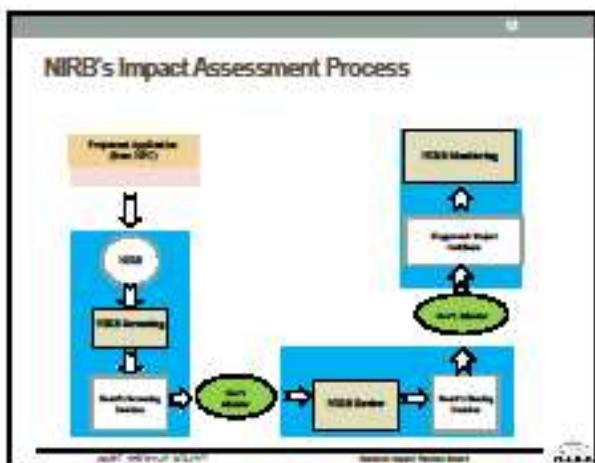
Education and training  
Inuutqut

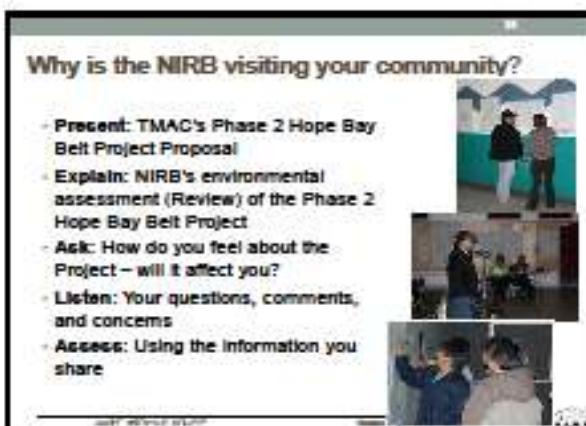
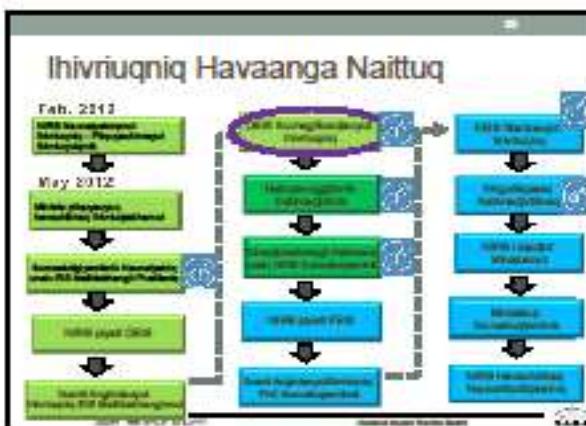
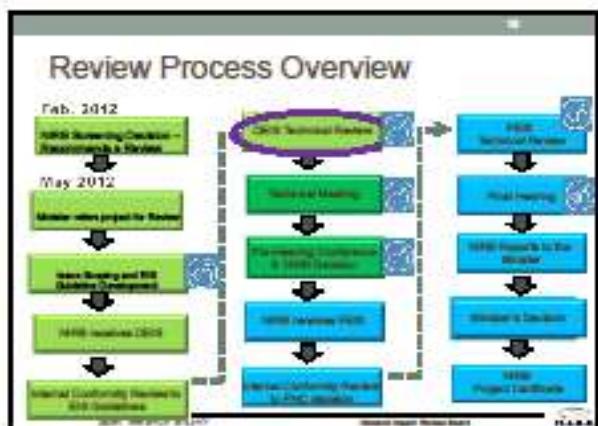


Cumulative Impacts  
Angiklyumikut Ayurhautigut



Transboundary Impacts  
Inglanikumun Hungumash ihulqutat





Huuqtauq NIRB-kut pulaaliqqat nunagiayarnut?

- Tunlunut: TMAC-kut Ilangani 2 Hope Bay Nunanga Havaauhikhaq Tukhlutnik
- Naunalpikarilugu: NIRB-kut avatirinninnganut Ihvrlumiqmut (Ihvrluqniq) uuma Ilangani 2 Hope Bay Nunanga Havaauhikhaq
- Apirflugu: Qanuqtut Ihumagivik Havaauhikhaq – ayurhautipkainiaqtaallit?
- Naalaklugu: Apirhuuit, uqaqtakhangit, Ihumaalutigiyauyuluu
- Pliugit: Abuqugu naunaalikutat aadlonut pipkalyamik

## PHASE 2 HOPE BAY BELT PROJECT

Ilangani 2 Hope Bay Nunanga Havaauhikhaq

**The Proponent**  
Ikayuqtuyuq

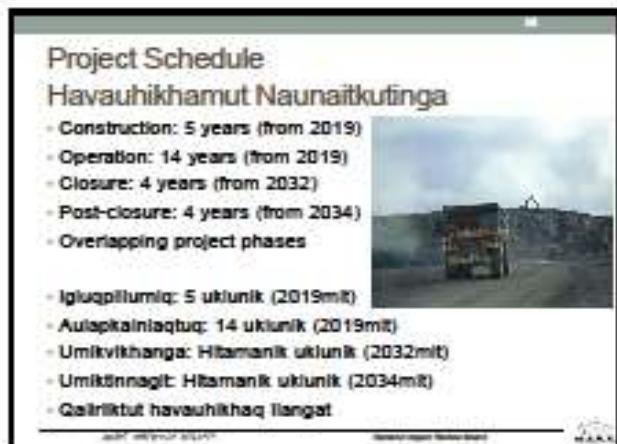
- TMAC Resources Inc.:
  - Canadian-based publicly-traded company (Toronto Stock Exchange, TSX:TMR)
  - Focused on the exploration, development and mining of the Hope Bay Greenstone Belt
  - Kaanatami-phimeyut inungnuit-himmautigiyauyug havavik (Toronto Himmautingit, TSX:TMR)
  - Ihumegilluequt qinikianingmut, pivallinennganut uyarakthumminganulu uuma Hope Bay Greenstone Nunangani

**Project Location**  
Humi Havaauhikhaq

- Kitikmeot region
- ~150 kilometres southwest of the Hamlet of Cambridge Bay.
- Part of the Hope Bay Greenstone Belt
- Kitikmeonmi
- ~150 kilomita hivuravyaani uasaanit Haamlanganit Iqaluktuutiaq.
- Iqalyanga uuma Hope Bay Greenstone Nunanga

Project Location Humi Havaauhikhaq

Project Location Humi Havaauhikhaq



### Havauhikhaq Havaqutingit Madrid Tununngani

- Nunap ataañi havaangit
- Ore-mik havaktut igluopangit
- Ore-mik, iqqakut uyaqqañ nayugakhangilu
- Urhuqyuamut tutquumavingit
- Uyarakhliurvít
- Ukiuq tamaat atuqtaunginnaqtukhaq apqutit aadlanut uyarakhlurvinut
- Uyarakhliurviup piuryangit tuquhuanga Doris Tununnganit Uyarakhliurviup piuryangit Imaqarvinganit
- Uyarakhliurviup Imanga munariniqmut aulapkaidjutikhanginnik
- Aadlat uyarakhluiqut ikayurviuyut.



### Site Layout at Madrid North



### Uyarakhliurviup Piliumingga Madrid Tununngani



### Project Components at Madrid South

- Underground workings
- Ore and waste rock pads
- Site water management infrastructure
- Site roads and all-weather road to other sites
- Quarry sites
- Power plant
- Other mining support facilities



### Havauhikhaq Havaqutingit Madrid Hivuraani

- Nunap ataañi havaangit
- Ore-mik iqqakulut uyaqqañ nayugakhangilu
- Uyarakhliurviup Imanga munariniqmut aulapkaidjutikhanginnik
- Uyarakhliurviup apqutit unalú uluq tamaat apquttinga aadlanut uyarakhlurvikmut
- Uyarakhliurvít
- Ikumattit Aiguyaanut Havalvik
- Aadlat uyarakhluiqut ikayurviuyut



### Site Layout at Madrid South





## Project Components at Boston

- Underground workings
- Ore processing facilities
- Ore, waste rock pads and laydown areas
- Dry-stack tailings management area
- Site water management infrastructure
- Waste water treatment plant
- Fuel tank farm
- Explosives storage facilities
- Solid waste management facilities (including landfill and incinerator)
- Camp accommodation for 200 people
- All-weather airstrip
- Site roads and all-weather road to other sites
- Other mining support facilities



## Site Layout at Boston



## Project Components at Roberts Bay

- Use of existing marine infrastructure
- Construction of an off-loading cargo dock
- Extension of service and access roads to cargo dock
- Construction of a 10ML diesel tank farm



### Havauhikhaq Havaqtingit Roberts Bay-mi

- Atuminniga ittut tariuqmi aulapkaidjutikhanginnik
- Piliumnnga tamayalyaqtunik tulavikmik
- Angiklyuumiqlig havaanik pilimataaq/limayumiktu aputt tamayanik tulavikmik
- Piliumnnga 10 ML urhuqyaqarvikhamik



### Site Layout at Roberts Bay



### Uyarakhiiurviup Piliumnnga Roberts Bay-mi



### Use of Existing Infrastructure

#### Doris North Mine Site

- Processing facilities
- Tailing Impoundment Area (to be expanded)
- Solid waste management facilities
- Airstrip facilities
- Camp accommodation (to be expanded)
- Explosives storage facilities
- Laydown areas
- Fuel tank farms
- All-weather access and site roads



#### Madrid and Boston Sites

- All-weather road network (to be upgraded)
- Exploration support facilities

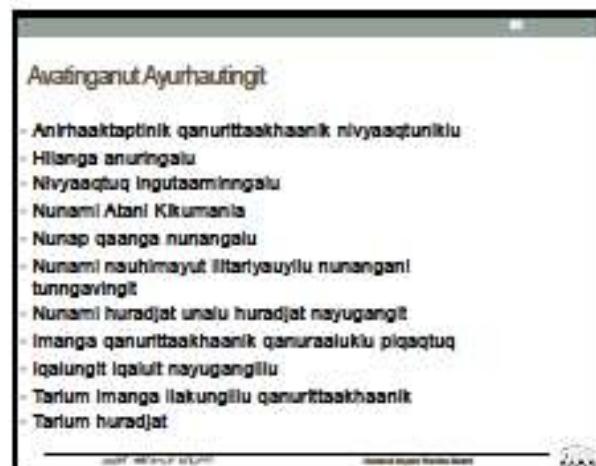
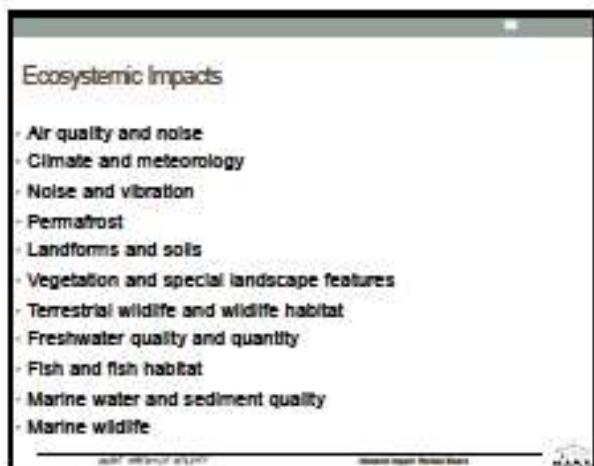
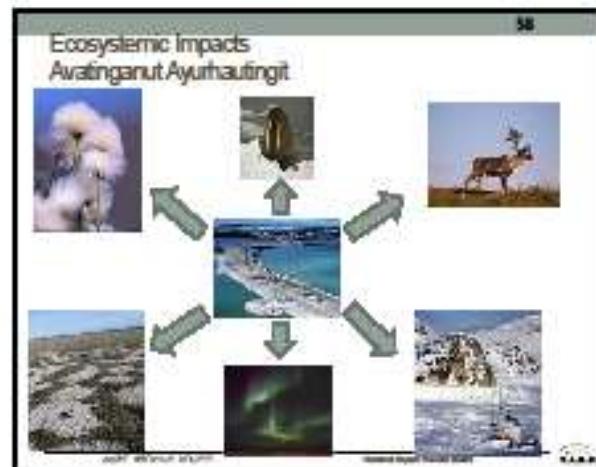
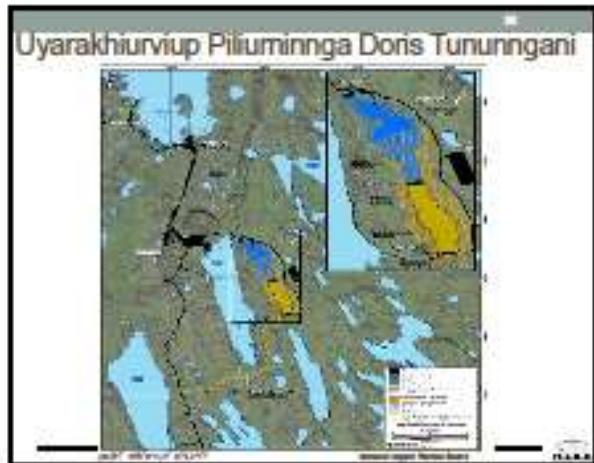
### Atuminniga Ittuq Aulapkaidjutikhanginnik

- Doris Tununngani Uyarakhiiurviup  
  - Hawasutut iglupat
  - Uyarakhiiurviup piluryengit/limapavengit (angiklyuumiqligcheq)
  - Iqqasukhat muranivikhat
  - Mivikcheq
  - Uyarakhiiurviup hinikbevikcheq (angiklyuumiqligcheq)
  - Qanngavutnik tulipuunaviks
  - Tulugvikhat iningit
  - Uttuqyuqerivikcheq
  - Hunaangitut ihanga pilimataaqcheqinge unatu uyanakhiiurviup aputt
- Madrid unatu Boston Uyarakhiiurviup.
- Utsuq tamaat aputtunga havaqetigliktuq (havaqetigliktuq)
- Uyanakhiiurviup itayunivuyut



### Site Layout at Doris North





## Some mitigation measures proposed by TMAC

### Ecosystemic Impacts

- Use mufflers and silencers on equipment to reduce noise
- Limit road speed to 50km/hr
- Use suppressants to reduce dust
- Minimize footprint of facilities
- Implement erosion control measures
- Adequate fill depths to prevent permafrost
- Avoid sensitive areas and rare plants
- Design crossing structures to maintain fish passage
- Avoid known bird nests and nesting areas
- Avoid disruption of caribou migration
- Implement a No Hunting Policy for employees
- Recycle site and mine waste
- Treat waste water before disposal
- Store fuels in secondary containment systems
- Open water shipping only (no winter shipping)
- Right-of-way to wildlife
- Progressive reclamation of disturbed areas



## Ilanga ikikliyuumiutingit ihumaliurhmayuq

### TMAC-kunnit

#### Awningavut Ayuhautngit

- Atunut innguqut nipiqtuvaluarmutuq nipeqtingit, nipiqtuvaluarmutuq
- Kiksoqtaqut apqutni keyunngiagamik do ikivikamik
- Atunut nunaavututniq pajuqpalasqututuq
- Minizut naumitutingit igluqangisik
- Iluusqutuq ikikliyuumiutingit
- Pajuqpalasqututuq iluusqutengut tinniqit pihmaganiq qigingq nuna
- Pihmaganiq ayayqasututuq aqtagayavut nunaavut naumeyut
- Pihmaganiq tinniqit tinniqit tinniqit pihmaganiq qigunut koatvittangivik
- Haniqumqatutuq ihumayeqit tinniqit pihmaganiq qigunut koatvittangivik
- Haniqumqatutuq qinngututuq taseq kawpuk
- Iluusqutuq Argunutuq aqtagayavututuq tinniqit hevavutuq
- Aqtagayavututuq qinngututuq qasimututuq tinniqit hevavutuq
- Haniqumqatutuq hevavututuq tinniqit kuvittuq
- Tuktuqatutuq urhuyut aqtagayavututuq
- Hikaputuq aqtagayavututuq taseq kawpuk
- Hikaputuq aqtagayavututuq taseq kawpuk
- Angutututuq ihumayeqit pihmaganiq tinniqit tinniqit



### Socio-Economic Impacts

#### Inungut ikayutikhait Ayuhautngit



### Socio-Economic Impacts

- Employment
- Education and training
- Business opportunities
- Traditional activities and knowledge
- Commercial land and resource use
- Archaeological sites
- Community health and wellbeing
- Migration, housing, infrastructure and services

#### Inungut ikayutikhait Ayuhautngit

- Havaakhat
- Ilhalmiut ayurhalmiut
- Havaanikhatirutikhaq
- Qangaraaluknitianik hullukaarutingit ilhimaninngillu
- Manillurahuknirnut nuna ikayutimutu atumininga
- Utuqqamitanik uyerakhiunavit
- Nunsaliaani aaniqtaallinimut nakurudjutungillu
- Ikaamiq, igluhameq, aulapkalidjutikhanginnik ikayutingillu

## Some mitigation measures proposed by TMAC

### Socio-Economic Impacts

- Survey sites for historical resources before construction
- Minimize footprint of facilities to reduce land and resource use conflicts
- Allow other land users to safely cross project areas
- Establish and implement an ISA
- Promote Inuit employment and Inuit content in business opportunities
- Build cultural awareness and enforce harassment policies
- Establish career development plans for Inuit employees
- Implement an Employee and Family Assistance Program
- Implement a Community Involvement Plan
- Establish an Inuit Environmental Advisory Committee



Ilanga ikikliyumiutingit ihumaliurhimayuq  
TMAC-kunniit.

- Inngutit Ayurhautingit:

- Naujanngutit qayalikunniit qayalikunniit koyutngit igluqalukinniit
- Koldiyutngut neuvutit igruk ilidliyumiitni nunaangangit koyutniitit atumngutit ayurhautingit
- Pikkalikjutit aedut nunaangit atuplayut qayangutitniit koyutniitit heaveulikhangut
- Pilurutit ikunqutit USA-nitit
- Aalliqasutit inuit heaveulikhangut inuit qayalikunniit heaveulikhangutcheqit
- Pilurutit inngutit illeqpalik; pikkalikjutit nukngalikjutit maligakit
- Pilurutit heaveulikhangut heaveulikhangut inuitnequt heaveulikhangut
- Ilunngutu Heaveulikhangut illeqpalik illeqpalik
- Pilurutit ikunqutit heaveulikhangut
- Pilurutit inuit Atavilirringutit Uqasigutit Katimayiingutit

Summary of TMAC's Assessment of Potential Impacts of the Project

Value Component	Possible Impact	Significance
<b>Atmospheric Environment</b>		
Air Quality and noise	<ul style="list-style-type: none"> <li>Change in air quality</li> <li>Effect on humans</li> <li>Effect on wildlife</li> </ul>	Not significant

Nattuq TMAC-kut ihvrlumiqmut:  
Ayurhautigyaunlanuqnaqhunlik Havaulikhamut

Value Component	Possible Impact	Significance
<b>Nunavut</b>		
Archeological sites, cultural features, nunaqutitit	<ul style="list-style-type: none"> <li>Aadlengutit archeological sites, cultural features</li> <li>Conurututayuq inuitit</li> <li>Conurututayuq hunajutit</li> </ul>	Ahuanngutitqut

Summary of TMAC's Assessment of Potential Impacts of the Project

Value Component	Possible Impact	Significance
<b>Vegetation and Special Landscapes</b>		
Vegetation and special landscape features	<ul style="list-style-type: none"> <li>Loss of vegetation</li> <li>Loss of special landscape features</li> </ul>	Not significant

Nattuq TMAC-kut ihvrlumiqmut:  
Ayurhautigyaunlanuqnaqhunlik Havaulikhamut

Value Component	Possible Impact	Significance
<b>Nunavut naulimayut illeqiyutitit nunaangangit tunngavingit</b>		
Nunavut naulimayut illeqiyutitit nunaangangit tunngavingit	<ul style="list-style-type: none"> <li>Nunavut naulimayut</li> <li>Pilutut illeqiyutitit nunaangangit tunngavingit</li> </ul>	Ahuanngutitqut

Summary of TMAC's Assessment of Potential Impacts of the Project

Value Component	Possible Impact	Significance
<b>Terrestrial Wildlife and Wildlife Habitat</b>		
Caribou, muskox, birds and other wildlife	<ul style="list-style-type: none"> <li>Habitat loss</li> <li>Disturbance</li> <li>Attraction to project</li> </ul>	Not significant

Nattuq TMAC-kut Ihvrlumiqmut Ayurhautigyauniaruknaghunik Havaulikhamut		
Naalutayupiq Hesgash	Esikunq- Kynuksaayupiqsivut	Ahnuutayupiq
<b>Nauvut Hesgash uatuq Hesgash Neyugangit</b>		
Tukut, uningmiut, tingmiut uatuq hunudjat	<ul style="list-style-type: none"> <li>Neyugangiqut</li> <li>Climate/heat</li> <li>Upagummannequt havauhkhamaat</li> </ul>	Ahnuutayupiq

Summary of TMAC's Assessment of Potential Impacts of the Project		
Value Component	Related Impact	Significance
<b>Freshwater Environment</b>		
Freshwater quality and quantity, sediment quality, fish and fish habitat, and other related components	<ul style="list-style-type: none"> <li>Alteration of streamflow in various watersheds</li> <li>Change in water quality</li> <li>Direct mortality and change in fish abundance</li> </ul>	Not significant

Nattuq TMAC-kut Ihvrlumiqmut Ayurhautigyauniaruknaghunik Havaulikhamut		
Naalutayupiq Hesgash	Esikunq- Kynuksaayupiqsivut	Ahnuutayupiq
<b>Imalitik</b>		
Imanga qanuutbaahenik qanuutbaahenik piqasut, iskunganiit qanuutbaahenik, iqalut iqalut neyugangit, seddalu puyt havauqungit	<ul style="list-style-type: none"> <li>Aadiangumiq isugalsaqutik asidloqit isapavutut</li> <li>Aadiangumiq Imanga qanuutbaahenik</li> <li>Tuqtsuutiq asidloqutiq iqalut smiutunnganik</li> </ul>	Ahnuutayupiq

Summary of TMAC's Assessment of Potential Impacts of the Project		
Value Component	Related Impact	Significance
<b>Marine Environment</b>		
Marine water quality, marine mammals, birds, and fish, and other related components	<ul style="list-style-type: none"> <li>Habitat loss or alteration</li> <li>Changes in marine water and sediment quality</li> <li>Direct mortality</li> <li>Change in abundance of fish</li> </ul>	Not significant

Nattuq TMAC-kut Ihvrlumiqmut Ayurhautigyauniaruknaghunik Havaulikhamut		
Naalutayupiq Hesgash	Esikunq- Kynuksaayupiqsivut	Ahnuutayupiq
<b>Teryulitik</b>		
Terum Imanga qanuutbaahenik, terum hunudjat maximaliyut, tingmiut, iqalut, seddalu puyt havauqungit	<ul style="list-style-type: none"> <li>Neyugangiqut asidloqutiq</li> <li>Aadiangumiq terum Imanga iskunganiit qanuutbaahenik</li> <li>Tuqtsuutiq</li> <li>Aadiangumiq smiutunnganik iqalutik</li> </ul>	Ahnuutayupiq

Summary of TMAC's Assessment of Potential Impacts of the Project		
Value Component	Related Impact	Significance
<b>Socio-Economic Environment</b>		
Archaeological sites	<ul style="list-style-type: none"> <li>Effect on archaeological sites</li> </ul>	Not significant
Employment	<ul style="list-style-type: none"> <li>Changes in employment opportunities and income</li> <li>Competition for local labour</li> </ul>	Not significant

Nattuq TMAC-kut İhlüviumiqtut Ayuhratidgħauniaruknagħi l-kunċi. Hava u nkikħamtu		
Natħażżeġ Bengħajnej	Issejpl Aġixx-İngayżeen	Aħħarx-İngayżeen
<b>Imseġġi. Nekkunx tgħid lu Aħnejja</b>		
Utseppenaruk u yekkix lu u	<ul style="list-style-type: none"> <li>• Ppokk-idu l-ix-utseppenaruk u yekkix lu u</li> </ul>	Aħħarx-İngayżeen
Havraval	<ul style="list-style-type: none"> <li>• Aħħarx-ġuri - havravalha u mentħiġ-ġurġiex lu</li> <li>• Utluu n-ix-xażżeen u n-ix-xażżeen</li> </ul>	Aħħarx-İngayżeen

Summary of TMAC's Assessment of Potential Impacts of the Project		
Identified Component	Potential Impact	Significance
<b>Socio-Economic Environment</b>		
Community health and well-being	<ul style="list-style-type: none"> <li>Changes to family stability</li> <li>Changes to family spending</li> </ul>	Not significant
Traditional activities/land use	<ul style="list-style-type: none"> <li>Change in harvesting practice</li> </ul>	Not significant

Nalbuq TMAC-kañ Ihlvtumıqmut Ayuhratıgıyaunlarulnaqıhımut Havauhıthımut		
Makusıghıysız Bıgashı	Bıkantı Ayrıshıghıysız Bıgashı	Makusıghıysız Bıgashı
<b>İstegiñ menstiminglik Aestegi</b>  Husıbaard seerchallıñıga mekurdujılıgına	<ul style="list-style-type: none"> <li>• Aadıngumıq legitimat həqiqiñıngıñı.</li> <li>• Aadıngumıq legitimat menbi stuningıñı.</li> </ul>	Akhıunlaungıtızq
<b>Öngereksizlerin hüllükseveringılımınan genki stuningıga</b>	<ul style="list-style-type: none"> <li>• Aadıngumıq engurıshıamıgnı stuningıga</li> </ul>	Akhıunlaungıtızq

## Other Factors Assessed by TMAC

- Alternatives
  - Alternatives to the Project – go or no-go options
  - Alternative means of carrying out the Project – Infrastructure locations; mining and processing methods; waste management methods etc.
- Accidents and Malfunctions
  - Implementation of an Environmental Management System, including an Emergency Response Plan to address incidents such as spills, fires, and accidental blasts
- Effects of the Environment on the Project, including Climate Change
  - Use of Project Design to mitigate effects of extreme natural events such as storms, low temperatures, ground and slope instabilities, and related effects of climate change
- Cumulative effects
  - Residual effects of the Project in combination with residual effects of other projects in the region - Not Significant
- Transboundary effects
  - Project effects that may cross jurisdictional boundaries – Not Significant

Aadlat Ihumaalutigiyauyut Naunaiqtauyut  
TMAC-kunnit

- Himmusutqingt  
  - Himmusutqingt Heusuhkhachut – päläri phulqigukarut;
  - Himmusutqingt Imaarut Itaq hevastutqo Heusuhkhach – aulaksoqutqitchanginik tuni Itaq; otsakkuqtaq hevastutqo qanutut; loqakutqo qanutut; huvellutu;
- Genuuriluoppiet Huyupqapallu  
  - Olliitni uumringut Aavdinganngut Muunirinimut Genuuriluoppiet, ukuutu Olliitkutqapallut Kudzutqapallut; Huumakut ujanerimot qanututqasut; avlyutut; kuaawutut; qanututqasut.
- Genuuriluoppiet Aavdinganngut uumringut Heusuhkhach, ukuutu Hikup Aadlungummingut.
  - Aavdingut Heusuhkhachit Pitlung ihkuumiyut qanututqut etheerak aadlungut puyt esuulitqapallut, loqalupqapallut, nuunut, hennigayuktu nukusut, puytu qanututqingt Hikup Aadlungummingut
- Tarmiikuyumyut Iisigutqatvarkutik  
  - Iisigutqatvarkutik sume Heusuhkhach Belzitqut Iisigutqatvarkutik qanututqasut saadut heusuhkhach numeri – Ahuunutqasutqasut
- Köttinganngut qanututqasut  
  - Heusuhkhach qanututqasuttaq kierenttun uumringut Köttinganngut – Ahuunutqasutqasut

- Next Steps in NIRB's Review
  - Summary Report from these community meetings
  - Technical Review of TMAC's Draft Environmental Impact Statement
  - Meeting of technical experts
  - Pre-Hearing Conference and Community Roundtable
  - Pre-Hearing Conference Report
  - TMAC submits Final Environmental Impact Statement to commence the final phase of the Project Review

Taivoonngaa piyakhaq NIRB-kut ihvrluqninganik:

- Nalutut Telguagakhat hapkunanna nunaalani katinapkaikmata
- Ilitaryasuyut ihvrluqniq uumininga TMAC-kut inirhimalttut Avatilirinnganut Ayurhautiglyauyuq Titraqat
- Katinapkaikluni ilitaryasuyunik ayuttiqatut
- Tuhaqtipkaitinnagut Katinaniq unalu inungnut Katinapkaiknig
- Tuhaqtipkaitinnagut Katinaniq Telguagakhaq
- TMAC tuniyuq Kingulliqpaanganik Avatilirinnganut Ayurhautiglyauyuq Titraq aulagqitlami kingulliqpaanga ilanganu uuma Havauhikhaq ihvrluqniq

 NIRB Wants To Hear From You!

Fill out a NIRB comment form!

What do you think about the Project?  
 What do you think about TMAC's predictions for effects?  
 What potential impacts of the Project are of concern to you?  
 What do you recommend should be done to reduce or eliminate potential negative impacts?



 NIRB-kut illinnit Tuhaayumayut!

Qanuqtut ihumagivluk Havauhikhaq?  
 Qanuqtut ihumagivluk TMAC-kut itqumarutngit qanurillurutnganut?  
 Hunauvayayrhautiglyaunaruknaqhi yut Havauhikhamut ihuasalubiglyamik?  
 Hummit pitquyauhilmayut piyakhaq ikiklyumirami pirlamitunut nakuungittut ayurhautingit?



How can you learn more about NIRB's assessments?  
 Qanuq illipooliqsaqqit NIRB-kut qayuqtaqta?

**Public Registry**

- Search for project or document
- Register to receive notifications

**Calendar**

- Active projects and deadlines

**Tools**

- Qinigutli hevseghaqnik ihregmitkunut
- Alliqututuhi neunakkutani tuniyuqtaferani
- Auleyut hevseghat umiivighallu

 How to contact NIRB  
 Qanuqtut uqaqatiginiqqaqjigu  
 NIRB-kut

Phone (Toll Free): 1-866-233-3033  
 Hivayauttikut (Akittutkut):

Fax: 867 983-2594  
 Hivayaut Tittikanik Aallaktittatituk Kayumiktuut:

Email: [info@nirb.ca](mailto:info@nirb.ca)  
 Qarlaayakut:

Regular Post: Nuravut Impact Review Board  
 PO Box 1360  
 Cambridge Bay, NU  
 X0E 0C0

Questions? Apiquutit?



# English-Inuktitut

## Outline

- What is the NIRB and what do we do?
- NIRB's Environmental Assessment Process
- Phase 2 Hope Bay Belt Project
- Next steps of the NIRB Review Process

• የኢትዮጵያ የወጪ የወጪ የወጪ  
የወጪ የወጪ የወጪ  
የወጪ የወጪ

• የወጪ የወጪ የወጪ  
የወጪ የወጪ የወጪ  
የወጪ የወጪ

• የወጪ የወጪ የወጪ  
የወጪ የወጪ የወጪ  
የወጪ የወጪ

• የወጪ የወጪ የወጪ  
የወጪ የወጪ የወጪ  
የወጪ የወጪ

What is the Nunavut Impact Review Board?  
ᓇᓱᕗᑦ ሆᓇᑦ ዴሞ᳚᳚ ድਿਲਾਵਿ?

An institution of public government responsible for environmental impact assessment of proposed projects in Nunavut.

ᓇ᳚᳚ ሆ᳚᳚ ሆ᳚᳚ ሆ᳚᳚ ሆ᳚᳚ ሆ᳚᳚ ሆ᳚᳚

What does the NIRB do?

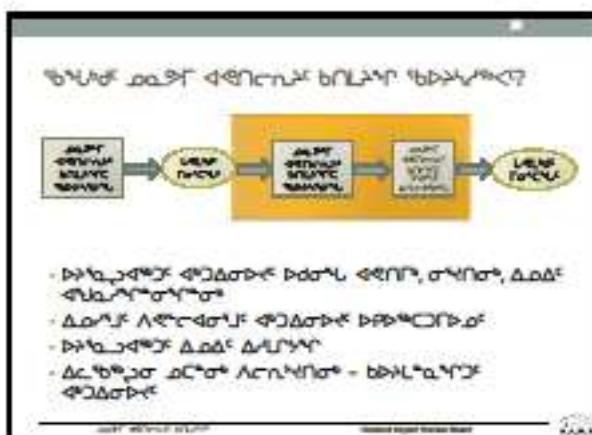
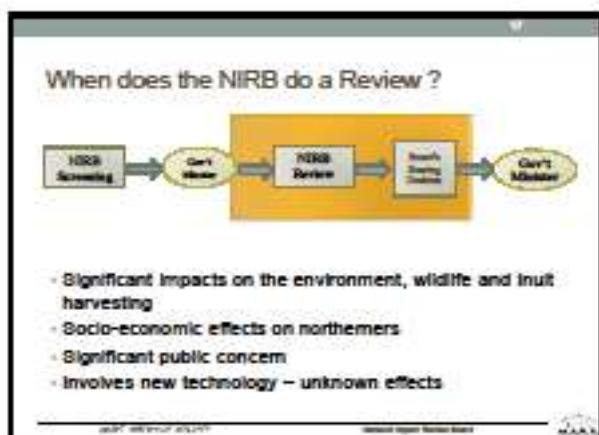
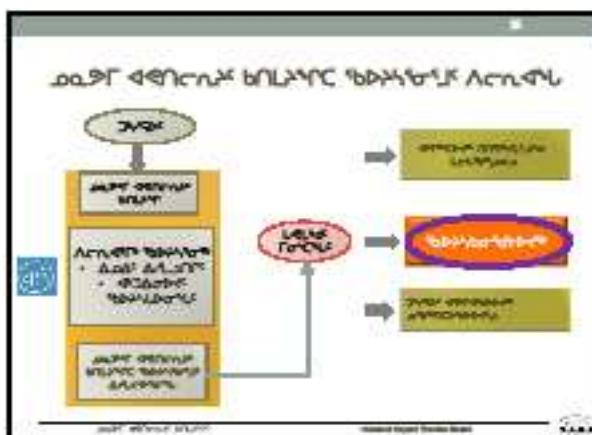
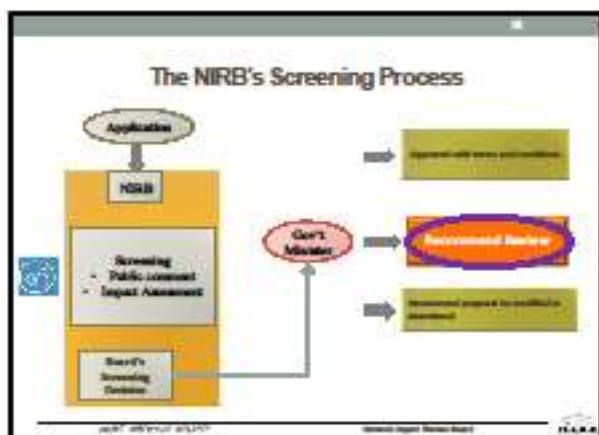
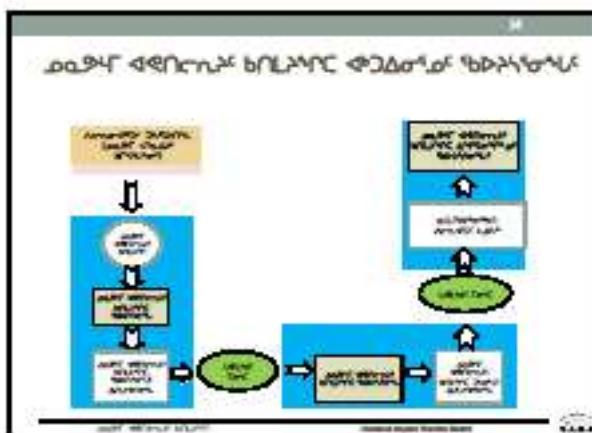
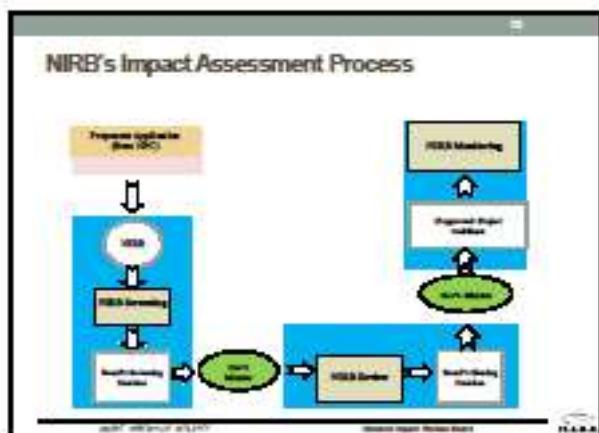
Application

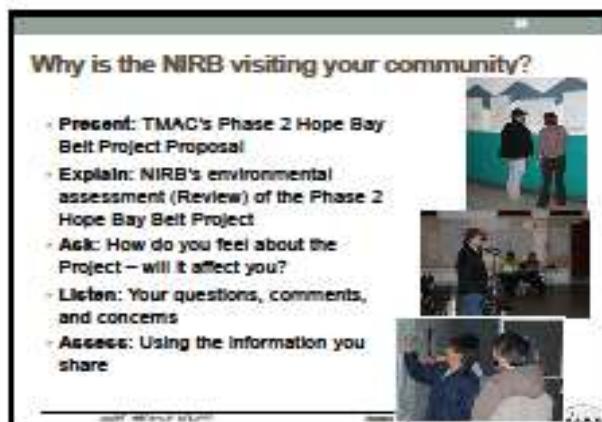
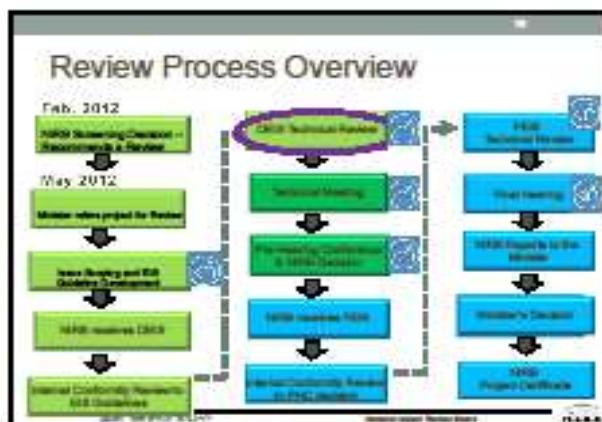
Identify Impacts

Determine Options

Make Decision

Cumulative Impacts  
አገልግሎት በርሃንስ ስነ





• የዕስጋን ክበላይ ደረሰኝ በየ/ለይ

- የዕስጋን ክበላይ ደረሰኝ በየ/ለይ
- የዕስጋን ክበላይ ደረሰኝ በየ/ለይ
- የዕስጋን ክበላይ ደረሰኝ በየ/ለይ
- የዕስጋን ክበላይ ደረሰኝ በየ/ለይ
- የዕስጋን ክበላይ ደረሰኝ በየ/ለይ
- የዕስጋን ክበላይ ደረሰኝ በየ/ለይ
- የዕስጋን ክበላይ ደረሰኝ በየ/ለይ

## PHASE 2 HOPE BAY BELT PROJECT

አርባር ለመረዳሪ ክበላይ  
ለይ ማረዳሪ ደረሰኝ

### The Proponent

አርባር ለመረዳሪ

- **TMAC Resources Inc.:**
  - Canadian-based publicly-traded company (Toronto Stock Exchange, TSX: TMR)
  - Focused on the exploration, development and mining of the Hope Bay Greenstone Belt
- **TMAC ደንብ ደንብ ደንብ ደንብ**
  - የዕስጋን ክበላይ ደንብ ደንብ ደንብ ደንብ
  - የዕስጋን ክበላይ ደንብ ደንብ ደንብ ደንብ
  - የዕስጋን ክበላይ ደንብ ደንብ ደንብ ደንብ

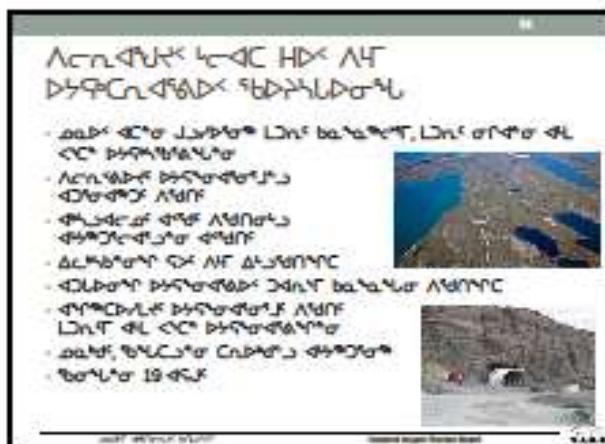
### Project Location

አርባር ለመረዳሪ

- Kitikmeot region
- ~150 kilometres southwest of the Hamlet of Cambridge Bay.
- Part of the Hope Bay Greenstone Belt
- የዕስጋን ክበላይ
- ~150 ደንብ ደንብ ደንብ ደንብ
- የዕስጋን ክበላይ

Project Location  
አርባር ለመረዳሪ

Project Location ክበላይ



## Project Components at Madrid South

- Underground workings
- Ore and waste rock pads
- Site water management infrastructure
- Site roads and all-weather road to other sites
- Quarry sites
- Power plant
- Other mining support facilities

A map titled 'Site Layout at Madrid South' showing the location of the Madrid South site within the Madrid region. The map includes a legend in the bottom left corner and a scale bar in the bottom right corner.

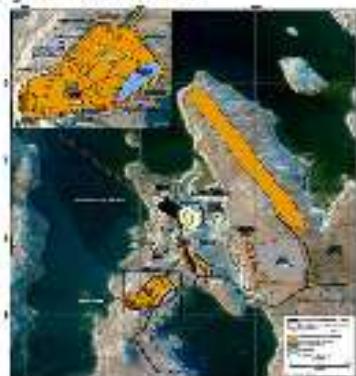


## Project Components at Boston

- Underground workings
- Ore processing facilities
- Ore, waste rock pads and laydown areas
- Dry-stack tailings management area
- Site water management infrastructure
- Waste water treatment plant
- Fuel tank farm
- Explosives storage facilities
- Solid waste management facilities (including landfill and incinerator)
- Camp accommodation for 200 people
- All-weather airstrip
- Site roads and all-weather road to other sites
- Other mining support facilities



## Site Layout at Boston



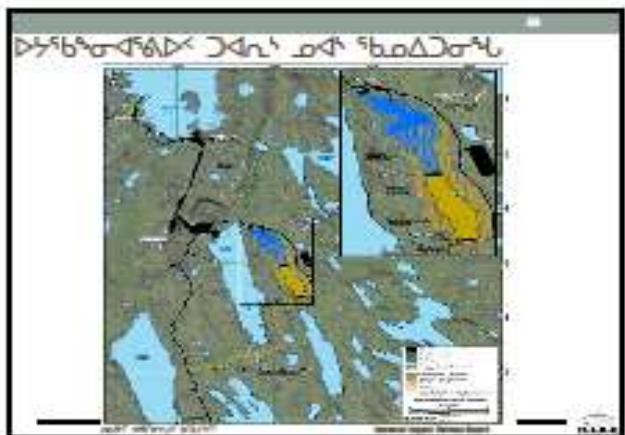
## Project Components at Roberts Bay

- Use of existing marine infrastructure
- Construction of an off-loading cargo dock
- Extension of service and access roads to cargo dock
- Construction of a 10ML diesel tank farm



## Use of Existing Infrastructure

- Doris North Mine Site
  - Processing facilities
  - Tailings Impoundment Area (to be expanded)
  - Solid waste management facilities
  - Airstrip facilities
  - Camp accommodation (to be expanded)
  - Explosives storage facilities
  - Laydown areas
  - Fuel tank farms
  - All-weather access and site roads
- Madrid and Boston Sites
  - All-weather road network (to be upgraded)
  - Exploration support facilities



**Employment**  
**Δᖅബാഡിബാഡി**

- Construction: 320 approx.
- Operations: 600 approx.
- ഒരു കെരിവിലെ: 320 ദിവസിൽ പാക്കുന്നത്
- ഡാണ്ടിലുപ്പിനിൽ: 600 ദിവസിൽ പാക്കുന്നത്

## TMAC'S ASSESSMENT OF POTENTIAL IMPACTS OF THE PHASE 2 HOPE BAY BELT PROJECT

TMAC ദാർശനിക ഫെഡറേഷൻ  
 ലാൻഡ്സ്റ്റേംഡ് ഹിൽ ലൈ  
 ഡാണ്ടിലുപ്പിനി

**58**  
**Ecosystemic impacts**  
**ഇന്ത്യാം ദാർശനിക ഫെഡറേഷൻ**

**Ecosystemic impacts**

- Air quality and noise
- Climate and meteorology
- Noise and vibration
- Permafrost
- Landforms and soils
- Vegetation and special landscape features
- Terrestrial wildlife and wildlife habitat
- Freshwater quality and quantity
- Fish and fish habitat
- Marine water and sediment quality
- Marine wildlife

**59**  
**ഇന്ത്യാം ദാർശനിക ഫെഡറേഷൻ**

- ജീവിക്കുന്ന പ്രദേശം ആ സ്ഥാപിക്കാൻ
- ജീവിക്കുന്ന പ്രദേശം ആ പ്രവർത്തിക്കാൻ
- സ്ഥാപിക്കാൻ ആ താഴെ നിന്നും
- പൊതു പ്രവർത്തനം
- പൊതു ദശപ്രവർത്തനം ആ ദശ
- അപേക്ഷാ ആ ദശയിൽ പൊതു പ്രവർത്തനം
- പൊതു സ്ഥാപിക്കാൻ ആ ദശയിൽ
- സിരി ജീവിക്കുന്ന ആ ദശയിൽ
- ഡോക്യുമെന്റേഷൻ ആ ദശ
- സൗഖ്യം ആ ദശയിൽ പൊതു പ്രവർത്തനം
- സൗഖ്യം ആ ദശയിൽ



Summary of TIMAC's Assessment of Potential Impacts of the Project		
Valued Component	Potential Impact	Significance
<b>Atmospheric Environment</b>		
Air Quality and noise	<ul style="list-style-type: none"> <li>Change in air quality</li> <li>Effect on humans</li> <li>Effect on wildlife</li> </ul>	Not significant

የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት		
የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት	የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት	የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት
የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት	<ul style="list-style-type: none"> <li>የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት</li> <li>የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት</li> <li>የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት</li> <li>የኢትዮጵያ ቤት ተስፋዣ ቤት ተስፋዣ ቤት</li> </ul>	

Summary of TMAC's Assessment of Potential Impacts of the Project		
Valued Component	Potential Impact	Significance
<b>Vegetation and Special Landscapes</b>		
Vegetation and special landscape features	<ul style="list-style-type: none"> <li>Loss of vegetation</li> <li>Loss of special landscape features</li> </ul>	Not significant

<b>የኢትዮጵያ ቤት ተስፋዣ ቤት</b> <b>ቅርቡ ቤት የወጪ የወጪ</b> <b>ለመተዳደሪያ ቤት ተስፋዣ</b>	<b>የወጪ የወጪ</b> <b>የወጪ የወጪ</b> <b>የወጪ የወጪ</b>	
<b>ለመተዳደሪያ ቤት ተስፋዣ</b> <b>ለመተዳደሪያ ቤት ተስፋዣ</b> <b>ለመተዳደሪያ ቤት ተስፋዣ</b>	<ul style="list-style-type: none"> <li>ለመተዳደሪያ ቤት ተስፋዣ</li> <li>ለመተዳደሪያ ቤት ተስፋዣ</li> <li>ለመተዳደሪያ ቤት ተስፋዣ</li> </ul>	<b>ለመተዳደሪያ ቤት ተስፋዣ</b> <b>ለመተዳደሪያ ቤት ተስፋዣ</b> <b>ለመተዳደሪያ ቤት ተስፋዣ</b>

Summary of TMAC's Assessment of Potential Impacts of the Project		
Habitat Component	Possible Impact	Significance
<b>Terrestrial Wildlife and Wildlife Habitat</b>		
Caribou, moose, birds and other wildlife	<ul style="list-style-type: none"> <li>Habitat loss</li> <li>Disturbance</li> <li>Attraction to project</li> </ul>	Not significant

Summary of TMAC's Assessment of Potential Impacts of the Project		
Valued Component	Potential Impact	Significance
<b>Freshwater Environment</b>	<p>Freshwater quality and quantity, sediment quality, fish and fish habitat, and other related components</p> <ul style="list-style-type: none"> <li>• Alteration of streamflow in various waterbodies</li> <li>• Change in water quality</li> <li>• Direct mortality and change in fish abundance</li> </ul>	Not significant

Summary of TMAC's Assessment of Potential Impacts of the Project		
Valued Component	Residual Impact	Significance
<b>Marine Environment</b>	<ul style="list-style-type: none"> <li>Habitat loss or alteration</li> <li>Changes in marine water and sediment quality</li> <li>Direct mortality</li> <li>Change in abundance of fish</li> </ul>	Not significant

<p>አዲስ አበባ ቤት TMAC አስተዳደርያዊ ቅርቡ ማስታወሻ ቤት በአዲስ አበባ ለመስጠት ማስታወሻ ቤት የሚያሳይ</p>	<p>የሚከተሉት የሚከተሉት የሚከተሉት የሚከተሉት</p>	
<p><b>የሚከተሉት የሚከተሉት የሚከተሉት</b></p> <p><b>የሚከተሉት የሚከተሉት የሚከተሉት</b></p> <p><b>የሚከተሉት የሚከተሉት የሚከተሉት</b></p>	<ul style="list-style-type: none"> <li>የሚከተሉት የሚከተሉት የሚከተሉት</li> <li>የሚከተሉት የሚከተሉት የሚከተሉት</li> <li>የሚከተሉት የሚከተሉት የሚከተሉት</li> <li>የሚከተሉት የሚከተሉት የሚከተሉት</li> <li>የሚከተሉት የሚከተሉት የሚከተሉት</li> </ul>	<p><b>የሚከተሉት የሚከተሉት የሚከተሉት</b></p>

Summary of TMAC's Assessment of Potential Impacts of the Project		
Value Component	Potential Impact	Significance
<b>Socio-Economic Environment</b>		
Archaeological sites	<ul style="list-style-type: none"> <li>Effect on archaeological sites</li> </ul>	Not significant
Employment	<ul style="list-style-type: none"> <li>Changes in employment opportunities and income</li> <li>Competition for local labour</li> </ul>	Not significant

አዲስ አበባ/የት ቴክኖሎጂ ቤት በት ቴክኖሎጂ ቤት በት ቴክኖሎጂ ቤት		
አዲስ አበባ/የት ቴክኖሎጂ ቤት	የት ቴክኖሎጂ ቤት	አዲስ አበባ/የት ቴክኖሎጂ ቤት
<b>አዲስ አበባ/የት ቴክኖሎጂ ቤት</b>		
አዲስ አበባ/የት ቴክኖሎጂ ቤት	<ul style="list-style-type: none"> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> </ul>	አዲስ አበባ/የት ቴክኖሎጂ ቤት
አዲስ አበባ/የት ቴክኖሎጂ ቤት	<ul style="list-style-type: none"> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> </ul>	አዲስ አበባ/የት ቴክኖሎጂ ቤት

Summary of TMAC's Assessment of Potential Impacts of the Project		
Valued Component	Potential Impact	Significance
<b>Socio-Economic Environment:</b>		
Community health and well-being	<ul style="list-style-type: none"> <li>Changes to family ability</li> <li>Changes to family spending</li> </ul>	Not significant
Traditional activities/land use	<ul style="list-style-type: none"> <li>Change in harvesting practices</li> </ul>	Not significant

አዲስ አበባ/የት ቴክኖሎጂ ቤት በት ቴክኖሎጂ ቤት በት ቴክኖሎጂ ቤት		
አዲስ አበባ/የት ቴክኖሎጂ ቤት	የት ቴክኖሎጂ ቤት	አዲስ አበባ/የት ቴክኖሎጂ ቤት
<b>አዲስ አበባ/የት ቴክኖሎጂ ቤት</b>		
አዲስ አበባ/የት ቴክኖሎጂ ቤት	<ul style="list-style-type: none"> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> </ul>	አዲስ አበባ/የት ቴክኖሎጂ ቤት
አዲስ አበባ/የት ቴክኖሎጂ ቤት	<ul style="list-style-type: none"> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> </ul>	አዲስ አበባ/የት ቴክኖሎጂ ቤት

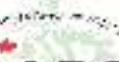
Other Factors Assessed by TMAC		
<ul style="list-style-type: none"> <li><b>Alternatives</b> <ul style="list-style-type: none"> <li>Alternatives to the Project – go or no-go options</li> <li>Alternative means of carrying out the Project – Infrastructure locations; mining and processing methods; waste management methods etc.</li> </ul> </li> <li><b>Accidents and Malfunctions</b> <ul style="list-style-type: none"> <li>Implementation of an Environmental Management System, including an Emergency Response Plan to address incidents such as spills, fire, and accidental blasts</li> </ul> </li> <li><b>Effects of the Environment on the Project, including Climate Change</b> <ul style="list-style-type: none"> <li>Use of Project Design to mitigate effects of extreme natural events such as storms, low temperatures, ground and slope instabilities, and related effects of climate change</li> </ul> </li> <li><b>Cumulative effects</b> <ul style="list-style-type: none"> <li>Residual effects of the Project in combination with residual effects of other projects in the region - Not Significant</li> </ul> </li> <li><b>Transboundary effects</b> <ul style="list-style-type: none"> <li>Project effects that may cross jurisdictional boundaries – Not Significant</li> </ul> </li> </ul>		

አዲስ አበባ/የት ቴክኖሎጂ ቤት በት ቴክኖሎጂ ቤት በት ቴክኖሎጂ ቤት		
አዲስ አበባ/የት ቴክኖሎጂ ቤት	የት ቴክኖሎጂ ቤት	አዲስ አበባ/የት ቴክኖሎጂ ቤት
<b>አዲስ አበባ/የት ቴክኖሎጂ ቤት</b>		
አዲስ አበባ/የት ቴክኖሎጂ ቤት	<ul style="list-style-type: none"> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> </ul>	አዲስ አበባ/የት ቴክኖሎጂ ቤት
አዲስ አበባ/የት ቴክኖሎጂ ቤት	<ul style="list-style-type: none"> <li>አዲስ አበባ/የት ቴክኖሎጂ ቤት</li> </ul>	አዲስ አበባ/የት ቴክኖሎጂ ቤት

Next Steps in NIRB's Review		
<ul style="list-style-type: none"> <li>Summary Report from these community meetings</li> <li>Technical Review of TMAC's Draft Environmental Impact Statement</li> <li>Meeting of technical experts</li> <li>Pre-Hearing Conference and Community Roundtable</li> <li>Pre-Hearing Conference Report</li> <li>TMAC submits Final Environmental Impact Statement to commence the final phase of the Project Review</li> </ul>		

- What do you think about the Project?
- What do you think about TMAC's predictions for effects?
- What potential Impacts of the Project are of concern to you?
- What do you recommend should be done to reduce or eliminate potential negative Impacts?

<p>How can you learn more about NIREB's assessments?</p> <p>Visit <a href="http://www.nireb.org">www.nireb.org</a> or call 800.343.4736.</p> <p><b>Public Registry</b></p> <ul style="list-style-type: none"> <li>Search for project or document</li> <li>Register to receive notifications</li> </ul> <p><b>Calendar</b></p> <ul style="list-style-type: none"> <li>Active projects and deadlines</li> </ul> 	<p><b>Architectural Approvals</b></p> <p><b>Architectural Approvals</b></p> <ul style="list-style-type: none"> <li>Residential Architectural Approvals</li> <li>Commercial Architectural Approvals</li> <li>Architectural Approvals</li> <li>Architectural Approvals</li> </ul> 
---	--

	
<h2>How to contact NIRB</h2>	
<b>Phone (Toll Free):</b> 1-866-233-3033	
<b>Fax:</b> (867) 983-2594	
<b>Email:</b> <a href="mailto:nirb@nirb.ca">nirb@nirb.ca</a>	
<b>Regular Post:</b> National Impact Review Board PO Box 1380 Cambridge Bay, NU X0B 0C0	

A photograph of two small birds perched on a light-colored rock. On the left is a dark-colored sparrow with a prominent dark cap. On the right is a white-crowned sparrow with a white crown and dark stripes. The background is a soft-focus green, suggesting a natural outdoor setting.

# APPENDIX C – THE NIRB'S PUBLIC MEETING NOTICE MATERIALS

## Notification Letter to distribution – English



NIRB File No.: 12MN001

January 31, 2017

Her Worship Jeannie Ehloak  
Mayor of Cambridge Bay  
Hamlet of Cambridge Bay  
P.O. Box 16  
Cambridge Bay, NU X0B 0C0

His Worship Joannie Sallerina  
Mayor of Gjoa Haven  
Hamlet of Gjoa Haven  
P.O. Box 200  
Gjoa Haven, NU X0B 1J0

His Worship Stephan Inaksajak  
Mayor of Kugaaruk  
Hamlet of Kugaaruk  
P.O. Box 205  
Kugaaruk, NU X0B 1K0

His Worship Ryan Nivingalok  
Mayor of Kugluktuk  
Hamlet of Kugluktuk  
P.O. Box 271  
Kugluktuk, NU X0B 0E0

His Worship Joe Ashevak  
Mayor of Taloyoak  
Hamlet of Taloyoak  
P.O. Box 8  
Taloyoak, NU X0B 1B0

*Sent via email:* [jehloak@qiniq.com](mailto:jehloak@qiniq.com); [mavor@qiniq.com](mailto:mavor@qiniq.com); [saogjoa@qiniq.com](mailto:saogjoa@qiniq.com);  
[sinaksajak@hotmail.com](mailto:sinaksajak@hotmail.com); [sao\\_kug@qiniq.com](mailto:sao_kug@qiniq.com); [mayor@kugluktuk.ca](mailto:mayor@kugluktuk.ca); and  
[hamletoftal@qiniq.com](mailto:hamletoftal@qiniq.com)

Re: **NIRB Community Information Sessions for TMAC Resources Inc.'s Phase 2 Hope Bay Belt Project Pronosal**

Dear Parties:

On January 18, 2017 the Nunavut Impact Review Board (NIRB or Board) accepted TMAC Resources Inc.'s (TMAC; the Proponent) submission of a Draft Environmental Impact Statement (DEIS) for the Phase 2 Hope Bay Belt Project (the Project) pursuant to Article 12, Part 5 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada* (Nunavut Agreement).

The Phase 2 Hope Bay Belt Project is a proposed mine project located approximately 153 kilometres southwest of Cambridge Bay in the Kitikmeot region, Nunavut. The Proponent is proposing to mine for gold at the Madrid/Patch and Boston mineral deposits in the Hope Bay

---

P.O. Box 1360 Cambridge Bay, NU X0B 0C0      Phone: (867) 983-4600      Fax: (867) 983-2594

Greenstone Belt. The construction, operation, and closure phases of the Project are anticipated to take five (5) years, fourteen (14) years, and four (4) years, respectively.

The project proposal and Draft Environmental Impact Statement can be accessed from the NIRB's online public registry at [www.nirb.ca](http://www.nirb.ca) by using any of the following search criteria:

- Project Name: Phase 2 Hope Bay Belt Project
- NIRB File No.: 12MN001
- Application No.: 124148

The NIRB has commenced the technical review period for the DEIS, and will be holding community information sessions in the following communities:

Community	Venue	Date	Function	Time
Gjoa Haven	Gideon Qitsualik Memorial Center	February 27, 2017	Open House	2-4 p.m.
			Community Meeting	7-9 p.m.
Kugaaruk	Community Hall	February 28, 2017	Open House	2-4 p.m.
			Community Meeting	7-9 p.m.
Taloyoak	E.W. Lyall Recreation Complex	March 1, 2017	Open House	2-4 p.m.
			Community Meeting	7-9 p.m.
Kugluktuk	Recreation Complex	March 2, 2017	Open House	2-4 p.m.
			Community Meeting	7-9 p.m.
Cambridge Bay	Luke Novoligak Community Hall	March 3, 2017	Open House	2-4 p.m.
			Community Meeting	7-9 p.m.

The community information sessions are intended to provide communities potentially affected by the Phase 2 Hope Bay Belt Project with an update regarding the current and upcoming stages of the NIRB's ongoing Review and to provide a brief update on the information contained within the DEIS. The information sessions will attempt to meet the following objectives:

- Inform the public of the proposed Phase 2 Hope Bay Belt Project under Review;
- Explain the steps of the NIRB's Review process, including how members of the public can become involved and effectively participate in the process; and
- Solicit community input regarding the proposed Phase 2 Hope Bay Belt Project and the NIRB's Review process.

By copy of this letter, the NIRB extends an invitation to your organization to participate in these meetings to discuss TMAC's Phase 2 Hope Bay Belt project proposal and any associated concerns or input you may wish to provide.

The NIRB's staff will deliver a formal presentation and provide parties with an opportunity to ask questions and provide feedback on the Review of the proposed Phase 2 Hope Bay Belt proposal during the meetings to be held in each of the Kitikmeot communities between **February 27 and March 3, 2017**. Afternoon sessions will be held from 2:00-4:00 p.m. to provide community members with an opportunity to stop by and discuss the project with the

NIRB staff. This will be followed by an evening meeting, starting at 7 p.m., to deliver a presentation and more formal opportunity for community members to provide feedback.

Please note that your organizations have also been included on the distribution of previous correspondence seeking written comments on the scope and process for the assessment, and in addition would hope that you will participate in these face-to-face meetings and take advantage of the opportunity to contribute to the NIRB's environmental assessment of the Phase 2 Hope Bay Belt project proposal.

If you have any questions regarding the upcoming meetings or the NIRB's Review of the Phase 2 Hope Bay Belt project proposal, please contact Kofi Boa-Antwi, at (867) 983-4616 or via email at [kboaantwi@nirb.ca](mailto:kboaantwi@nirb.ca).

Sincerely,

*Tara Arko*

Tara Arko  
Director, Technical Services  
Nunavut Impact Review Board

cc: Phase 2 Hope Bay Belt Distribution List  
Kitikmeot Distribution List  
John Roberts, TMAC Resources Inc.  
Oliver Curran, TMAC Resources Inc.  
Shelley Potter, TMAC Resources Inc.  
David Hohnstein, Nunavut Water Board  
Sonia Aredes, Nunavut Water Board  
Karén Kharatyan, Nunavut Water Board  
Geoff Clark, Kitikmeot Inuit Association  
John Roesch, Kitikmeot Inuit Association  
Lou Kamermans, Government of Nunavut  
Tineka Simmons, Canadian Northern Economic Development Agency

# Notification Letter to distribution – Inuinnaqtun



NIRB Naunaitkutuq Nampa: 12MN001

Januali 31, 2017

Nan'ngariyauyunnut Jeannie Ehloak  
Miiyanga Ikaluktuttiak  
Haamlanga Ikaluktuttiak  
P.O. Box 16  
Ikaluktuttiak, NU X0B 0C0

Nan'ngariyauyuq Stephan Inaksajak  
Miiyanga Kugaaruk  
Haamlanga Kugaaruk  
P.O. Box 205  
Kugaaruk, NU X0B 1K0

Nan'ngariyauyuq Joe Ashevak  
Miiyanga Taloyoak  
Haamlanga Taloyoak  
P.O. Box 8  
Taloyoak, NU X0B 1B0

Nan'ngariyauyuq Joannie Sallerina  
Miiyanga Urhuqtuuq  
Haamlanga Urhuqtuuq  
P.O. Box 200  
Urhuqtuuq, NU X0B 1J0

Nan'ngariyauyuq Ryan Nivinalok  
Miiyanga Kugluktuk  
Haamlanga Kugluktuk  
P.O. Box 271  
Kugluktuk, NU X0B 0E0

*Tuyuqtayuq qaritayakkut titiraqtaupluni:*  
[jehloak@qiniq.com](mailto:jehloak@qiniq.com); [mavor@qiniq.com](mailto:mavor@qiniq.com); [saojiao@qiniq.com](mailto:saojiao@qiniq.com); [sinaksajak@hotmail.com](mailto:sinaksajak@hotmail.com);  
[sao\\_kug@qiniq.com](mailto:sao_kug@qiniq.com); [mavor@kugluktuk.ca](mailto:mavor@kugluktuk.ca); [unalu\\_hamleoftal@qiniq.com](mailto:unalu_hamleoftal@qiniq.com)

Uumuuna: NIRB Nunallaanut Naunaitkutuqit Katimadiutikhat uumunnga TMAC  
Havakvinga Ilangani 2 Hope Bay Nunanga Havaauhikhaq Tukhiutinik

Havaqatighat:

Januali 18, 2017mit Nunavut Aviktuulikyt Katimayit (NIRB-kut Katimayiingilluumiit) angiqtait TMAC Havakvinga (TMAC; Ikayuqtuyuq) tuniyuq Iniqhimaittuq Avatiliriiqmut Ayurhautinga Titiranga (DEIS) uumunnga Ilangani 2 Hope Bay Nunanga Havaauhikhaq (Havaauhikhaq) malikhugu Titirarhimaninga Angirutiup 12, Ilangani 5 uumanii Angirutinga Ukuunani Inuinnaat Nunavutmi Nunaqarhimayuni Nan'ngariyauyuglu Kuin pilaarutinganit Kaanatami (Nunavut Angirutinga).

Ilangani 2 Hope Bay Nunanga Havaauhikhaq uyarakhiurvikhaq havaauhikhaq ittuq 153 kilamiitamik hivuravyanganit uataani Ikaluktuttiak Kitikmeonmi, Nunavut. Ikayuqtuyuq uyarakhiurahut gold-mik uumanii Madrid/Patch uumanilu Boston uyaqqat ilakungit Hope Bay Greenstone Nunangani. Igluqpiliumninga, aulapkaininga, umikvingalu ilangat Havaauhikhaqmut ihumagiayauyuq piniaqtut tallimanik (5) ukiunik, (14nik) ukiunik, hitamaniklu (4) ukiunik, taimalaal.

Tamma havauhikhqaq tukhiutinik Inirhimaitsuqlu Avatiliniqmut Ayurhautinga Titiranga taiguinnarialik NIRB-kut qaritauyakkut inungnut atiliurninngani uumanu [www.nirb.ca](http://www.nirb.ca) aturluni hapkuat qimiriarutinginnik:

- Havaap Atia: Ilangani 2 Hope Bay Nunanga Havauhikhqaq
- NIRB Naunaitskutuq Nampa: 12MN001
- Tukhigaut Nampa: 124148

NIRB-kut havaliqtait ayurnaittuq ihivriurutinga DEIS-nut, nunallaanilu naunaipkarniaqtut ukunani:

Nunauyuq	Humi	Uplua	Katimaniaqtut	Ikaqnia
Urhuqtuuq	Gideon Qitsualik Itqaumadjutinga Katimavia	Fipyuali 27, 2017	Pulaarvikhaq	2mit-4mut ubluumaami
			Katimapkainahuat	7mit-9mut unnukpat
Kugaaruk	Kamiuniti Haal	Fipyuali 28, 2017	Pulaarvikhaq	2mit-4mut ubluumaami
			Katimapkainahuat	7mit-9mut unnukpat
Taloyoak	E.W. Lyall Ulapqivikyuangani	Matyi 1, 2017	Pulaarvikhaq	2mit-4mut ubluumaami
			Katimapkainahuat	7mit-9mut unnukpat
Kugluktuk	Ulapqivikyuangani	Matyi 2, 2017	Pulaarvikhaq	2mit-4mut ubluumaami
			Katimapkainahuat	7mit-9mut unnukpat
Ikakututtiak	Luke Novoligak Kamiuniti Haal	Matyi 3, 2017	Pulaarvikhaq	2mit-4mut ubluumaami
			Katimapkainahuat	7mit-9mut unnukpat

Tamma inungnut naunaipkaidjutikhat piliurhimayuq tunigiami nunallaanut ayuhautipkaiyut uumannga Ilangani 2 Hope Bay Nunanga Havauhikhqaq naunaipkaivikmik piyuq mutaamut qakugulu pinahuat NIRB-kut Ihivriuqhimmaaqninga tunigiamilu naitsumik naunaipkainiq naunaitskutuq DEIS-mi. Tamma naunaipkaidjut pinahuariaqtait hapkuat tikinnahuatqanginnik:

- Naunaipkarlugit inuit uuminnga Ilangani 2 Hope Bay Nunanga Havauhikhqaq Ihivriuqtauliqtuq;
- Naunaiyarlugit talvannaq pinahuat NIRB-kut Ihivriurutinnganik, qaffillu inuit ilauttaaqtuq nakuyumiklu ilauttaaqtuq ihivriurutinnganit; unalu
- Apirligit inungit qanuqtut ihumagiyannginnik ihumagiyaayumut Ilangani 2 Hope Bay Nunanga Havauhikhqaq unalu NIRB-kut Ihivriurutinnganik.

Aadjikutaliurhimayumit uuminnga titiraqmi, NIRB-kut tuniyuq katimaqatauquyumik timiqutigiyarnik ilaugiamikni katimatillugit uqariamikni TMAC-kut Ilangani 2 Hope Bay Nunanga havauhikhqaq tukhiutinik kituluuniit piyut ihumaalutinik qanuqtut ihumagiyanikluuniit uqarumayarnik.

NIRB-kut havaktingit tuyurniaqtut ihuaqtumik uqaqtakhamik tunilugillu ilauyt apirhuriamiknik qanuqtut ihumagiyannginnik Ihivriuqminnganit ihumagiyaayumut Ilangani 2 Hope Bay Nunanga tukhiutinik katimatillugit pinahuat Kitikmeonni munanginnit uumanu Fipyuali 27 uumanilu Matyi 3, 2017. Ubluumaami katimaniaqtut 2mit 4mut tunigiami inungit pulaariamiknik uqariamikniklu havauhikhhamut NIRB-kut havaktinginut. Talvannaq unnuqpat katimaniaqtut, 7muunngaaqqat, uqariamiknik ihuaqtumiklu pivikhaqautikhamik inungnut uqariamiknik qanuqtut ihumagiyannginnik.

Naunairlugu timiqutigiyat ilaliutihimayullu tuyuqtauminnganik titiqqanik qiniqtut titiraqhimayunik qanuqtut ihumagiayamiknik tautktuuyaqtamiknik piliuminngalu naunaiyaminnganik, unalu ihumagiut ilauiaqtutit hapkumunga katimaqtigikluk katimayukhat tuniqiamilu NIRB-kunut avatiliniqmut naunaiyaminnganik uumingga Ilangani 2 Hope Bay Nunanga havauhikhaq tukhutimik.

Apirhuutiqaruvit katimanahuarniqmut unaluumit NIRB-kut Ihivriurninnga uumingga Ilangani 2 Hope Bay Nunanga havauhikhaq tukhutimik, uqaqtigidjaat Kofi Boa-Antwi, umani (867) 983-4616 qaritauyakkut titiraqluguluumit uumani [kboaantwi@nirb.ca](mailto:kboaantwi@nirb.ca).

Titiraqtuq.

*Tara Arko*

Tara Arko  
Aulapkaiyi, Ayungnaqtunik Havautinik Ihauhaiyi  
Nunavut Aviktulikyuit Katimayiit

Hamma Aadjuvutaaq Tuyuqtauyut: Ilangani 2 Hope Bay Nunanga Tuyuqtaudjutikhat Atliurhimayut  
Kitikmeot Tuyuqtaudjutikhat Atliurhimayut  
John Roberts, TMAC-kunut havaktiuyuq  
Oliver Curran, TMAC-kunut havaktiuyuq  
Shelley Potter, TMAC-kunut havaktiuyuq  
David Hohnstein, Nunavummi Imalirjikkut Katimayiingit  
Sonia Aredes, Nunavummi Imalirjikkut Katimayiingit  
Karen Kharatym, Nunavummi Imalirjikkut Katimayiingit  
Geoff Clark, Kitikmeot Inuit Katimayiit  
John Roesch, Kitikmeot Inuit Katimayiit  
Lou Kamermans, Nunavut Kavamanga  
Tineka Simmons, Kanataniuumut Pivvaliaquliqiyiokut

## **Notification Letter to distribution – Inuktitut**



12MN001: סינטזה אנטיביוטית כימייה וביולוגית

બાંસ 31, 2017

▷ 8.0% 27.8% Δ 0.4%  
d 6.2% L 2.8%  
H 4.1% d 6.2%  
U 9.6% b 6.6% 205  
d 1.5% o 0.4% XOB 1K0

የኢትዮጵያ የፌዴራል ማስታወሻ  
የፌዴራል ተደርሱ ማስታወሻ  
የፌዴራል ማስታወሻ  
በኢትዮጵያ 271

✉ [jehaloak@qiniq.com](mailto:jehaloak@qiniq.com); [mayor@qiniq.com](mailto:mayor@qiniq.com); [saogioa@qiniq.com](mailto:saogioa@qiniq.com);  
[sinaksajak@hotmail.com](mailto:sinaksajak@hotmail.com); [sao\\_kug@qiniq.com](mailto:sao_kug@qiniq.com);  
[mayor@kugluktuk.ca](mailto:mayor@kugluktuk.ca); [hamletoftal@qiniq.com](mailto:hamletoftal@qiniq.com)

0542 00592-2

- ለጠናሸሚያ: ለጠናርች ሲሆን የሚከተሉት ስም: 2 HX ለተክክለ ስም: 2 HX
- መስቀል የሚከተሉት ስም: 12MN001
- ጠናሸሚያ: 124148

ԱՐԵՎԱՏՅԱՆ 1360 ԱՐԵՎԱՏՅԱՆ, ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ, ՔԱՂԱՔ ԽՈԲ 030 ՀԱՅԱՍՏԱՆԻ (867) 983-4600 ՀԱՅԱՍՏԱՆԻ (867) 983-2594  
ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ



በኢትዮጵያ

Jana Ake

ပါမ်းများ

ՀՅԱՀԱՅՈՒ, ԿԵՄԱԾՆԴՅՈՒՆ ԱՇԽԱԴՐԱՄ  
ԹԱՇԿ ՎԵՐԾՆԴՅՈՒՆ ԵՎԼԱՇՐԸ

# Newspaper Advertisements – English and French

**NOTICE OF PUBLIC MEETINGS**



The Nunavut Impact Review Board (NIRB) is an institution of the Government of Nunavut with responsibilities for the environmental assessment of proposed projects in Nunavut as described in the Nunavut Agreement and the Nunavut Planning and Project Assessment Act.

**PHASE 2 HOPE BAY BELT PROJECT COMMUNITY INFORMATION SESSIONS**

The NIRB is holding Community Information Sessions throughout the Kitikmeot Region to discuss its Review of TMAC Resources Inc.'s proposed "Phase 2 Hope Bay Belt" project.

The NIRB invites the public to attend these meetings to learn more about:

- The proposed Phase 2 Hope Bay Belt project
- The NIRB's Review process
- How YOU can participate in this public Review

This is an opportunity for the YOU to ask questions and provide input into the NIRB's assessment!

The information sessions will include an Open House (2-4 pm) and a Community Meeting (7-9 pm).

Community	Location	Date
QIQAQIUVIK	Geese Dibasik, Maniitsoq Centre	February 27
KILOVJUK	Community Hall	February 28
TALIVIAK	E.W. Lyall Recreation Complex	March 1
KIQLUUTUK	Recreation Complex	March 2
CAMBRIDGE BAY	Lake Novoligak, Community Hall	March 3

**Meeting times to be announced on local radio stations, cable channels, and posted by advertisements.**

**Snacks and refreshments will be served. Simultaneous interpretation will be provided.**

**Contact us:**

Nunavut Impact Review Board  
P.O. Box 1360, Cambridge Bay, NU X0B 0C0  
Phone Toll Free: 1-866-233-3033  
Email: [info@nirb.ca](mailto:info@nirb.ca)  
Fax: 1-867-963-2594

**AVIS DE RENCONTRES PUBLIQUES**



La Commission du Nunavut chargée de l'examen des répercussions (CNER) est une institution du gouvernement responsable de l'évaluation environnementale des projets proposés au Nunavut, conformément à l'Accord sur le Nunavut et à la Loi sur l'aménagement du territoire et l'évaluation des projets au Nunavut.

**PROJET PHASE 2 DE LA CEINTURE HOPE BAY SESSIONS D'INFORMATION COMMUNAUTAIRES**

La CNER tient des Sessions d'information communautaire dans l'ensemble de la région du Kitikmeot pour discuter de son examen du projet «Phase 2 de la ceinture de Hope Bay» proposé par TMAC Resources Inc.

La CNER invite le public à assister à ces rencontres pour obtenir plus d'information sur:

- le projet Phase 2 de la ceinture Hope Bay
- le processus d'examen de la CNER
- la façon dont VOUS pouvez participer à cet examen public.

Ces rencontres sont pour VOUS une occasion de poser des questions et de collaborer à l'évaluation de la CNER! Les sessions d'information comprennent la tenue de Portes ouvertes (14 h à 16 h) et une rencontre communautaire (19 h à 21 h):

Communauté	Endroit	Date
QIQAQIUVIK	Centre communautaire Gidloq Gitasukh	27 février
KILOVJUK	Salle communautaire	28 février
TALIVIAK	Complexe récréatif E.W. Lyall	1 <sup>er</sup> mars
KIQLUUTUK	Complexe récréatif	2 mars
CAMBRIDGE BAY	Salle communautaire Lulo Novoligak	3 mars

L'horaire des rencontres sera annoncé par les radios locales, canaux de diffusion par câble, ainsi que par des fascicules publicitaires qui seront affichés.

Des collations et rafraîchissements seront servis. De la traduction simultanée sera fournie.

**Contactez-nous !**  
**Commission du Nunavut chargée de l'examen des répercussions**  
 C.P. 1360, Cambridge Bay, NU X0B 0C0  
 Téléphone sans frais : 1-866-233-3033  
 Courriel : [info@nirb.ca](mailto:info@nirb.ca)  
 Télécopieur : 1-867-963-2594

## Newspaper Advertisements – Inuinnaqtun and Inuktitut

# Radio Announcement Example



February 10, 2017

## Public Service Radio Announcement

Taloyoak

Hello Radio Station members:

The Nunavut Impact Review Board (NIRB) will be visiting your community on March 1, 2017 and we would greatly appreciate your assistance in helping us make this visit a success.

We kindly ask that you please air this announcement once or twice a day in English, Inuktitut and Inuinnaqtun if possible, starting on Wednesday, February 15, 2017 and run it until the date of our meeting on March 1, 2017.

If you have any questions, please call Kofi Boa-Antwi toll free at 1-866-233-3033. We look forward to seeing you soon.

Thank you,

Nunavut Impact Review Board



## Public Service Announcement

The Nunavut Impact Review Board (or "the NIRB") is planning to host a Community Information Session to discuss the Review of TMAC Resources Inc.'s proposed Phase 2 Hope Bay Belt Project.

The NIRB invites everyone to attend and learn more about:

- The proposed Phase 2 Hope Bay Belt Project
- The NIRB's Review process
- How members of the public can participate in the NIRB's Review

The NIRB will be hosting meetings at the E.W. Lyall Recreation Complex on Wednesday, March 1<sup>st</sup>.

- An open house will run from 2 pm to 4 pm – come out and speak with the NIRB staff.
- A public meeting will be held at 7:00 pm – a presentation will be given and you will have a chance to ask questions and give comments on the Phase 2 Hope Bay Belt project.

Come to the NIRB's meetings and have coffee or tea.

Door prizes will be given away and the NIRB staff will be listening to your questions and comments.

## **NUNAVUT IMPACT REVIEW BOARD**

### **Community Information Sessions**

The Nunavut Impact Review Board (NIRB) will be in your community to discuss the Review of TMAC Resources Inc.'s proposed "Phase 2 Hope Bay Belt" project.

The NIRB invites the public to attend these meetings to learn more about:

- The proposed Phase 2 Hope Bay Belt project
- The NIRB's Review process
- How YOU can participate in this public Review

This is an opportunity for the YOU to ask questions and provide input into NIRB's assessment!

Community	Location	Date	Time
GJOA HAVEN	Gideon Qitsualik Memorial Center	February 27	2-4 Open House 7-9 Public Meeting
KUGAARUK	Community Hall	February 28	2-4 Open House 7-9 Public Meeting
TALOYOAK	E.W. Lyall Recreation Complex	March 1	2-4 Open House 7-9 Public Meeting
KUGLUKTUK	Recreation Complex	March 2	2-4 Open House 7-9 Public Meeting
CAMBRIDGE BAY	Luke Novoligak Community Hall	March 3	2-4 Open House 7-9 Public Meeting

*Snacks and refreshments will be served.*

*Simultaneous Inuktitut and/or Inuinnaqtun interpretation will be provided*



## **NUNAVUT AVIKTULIKYIIT KATIMAYIIT**

### **Nunallaanut Naunaitkutingit Katimadjutikhat**

Nunavut Avatilirinirmut Katimayiingit (NIRB-kut) nunangnungauniaqtut ugariamikni Ihivriuqninganut TMAC-kut Havakvinga “Ilangani 2 Hope Bay Nunanganik” havauhikhanganut.

NIRB-kut qaitquyut inungnik katimaqutauyut ilihimaliriamiknik ukuninnga:

- Ilangani 2 Hope Bay Nunanganik havauhikhqaq
- NIRB-kut Ihivriurutinginnik
- Qanuqtut ILAUCIAQNI uumunnga inuit Ihivriuqtakhangit

APIRICIAQNI qanuqtutlu ihumagiayarnik NIRB-kut naunaiyaininnganik!

Nunauyuq	Inigiya	Uplua	Ikaqnia	Niqiqarniaqtua kaapiqarniaqtua tiiqarniaqtuqlu.
URHUQTUUQ	Gideon Qitsualik Itqaumadjutinga Katimavia	Fipyuali 27	2-4 Pulaarvikhaq 7-9 Inungnut Katimapkainiaqtut	Inuktutit unalu/unaluuniit Inuinnaqtunik uqaqtiqarniaqtua.
KUGAARUK	Kamiuniti Haal	Fipyuali 28	2-4 Pulaarvikhaq 7-9 Inungnut Katimapkainiaqtut	
TALOYOAK	E.W. Lyall Ulapqivikyuangani	Maatsi 1mi	2-4 Pulaarvikhaq 7-9 Inungnut Katimapkainiaqtut	
KUGLUKTUK	Ulapqivikyuangani	Maatsi 2mi	2-4 Pulaarvikhaq 7-9 Inungnut Katimapkainiaqtut	
IKALUKTUTTIAK	Luke Novoligak Nunalingni Ulapkiviani	Maatsi 3mi	2-4 Pulaarvikhaq 7-9 Inungnut Katimapkainiaqtut	



ዕወንደ ልወጥና አገልግሎት አገልግሎት

ՃՐԿԱԾՎԵԼՈՒՄ ԵՆ ԱՆԴԵՐԸ ԾԱՌԱԾՆԵՐԸ

- የፌዴራል 2 ዓ.ም ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል
- የፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል
- የፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል ለፌዴራል

በኋናዎች ማስፈጸም ተደርጓል

መስጠት	ቤንተሰራተረሱን	የተጠቀሙት	፩፻፲፭
የፋይኑን	የተሰራተረሱን የተጠቀሙት	፩፻፲፭	2-4 የፋይኑን 7-9 ከቤተሰራ
ይሸን	የተጠቀሙት	፩፻፲፭	2-4 የፋይኑን 7-9 ከቤተሰራ
የፋይኑን	የተጠቀሙት	፤ ፩ 1	2-4 የፋይኑን 7-9 ከቤተሰራ
የፋይኑን	የተጠቀሙት	፤ ፩ 2	2-4 የፋይኑን 7-9 ከቤተሰራ
የፋይኑን	የተጠቀሙት የተሰራተረሱን	፤ ፩ 3	2-4 የፋይኑን 7-9 ከቤተሰራ



## Cable/TV Advertisement – English



# The Nunavut Impact Review Board

is holding a **Community Information Session** in your community regarding **TMAC Resources Inc.**'s proposed "Phase 2 Hope Bay Belt" project on the following dates:

Community	Date	Meeting Place	Open House Time	Community Meeting Time
Gjoa Haven	February 27	Gideon Qitsualik Memorial Center	2-4 p.m.	7-9 p.m.
Kugaaruk	February 28	Community Hall	2-4 p.m.	7-9 p.m.
Taloyoak	March 1	E.W. Lyall Recreation Complex	2-4 p.m.	7-9 p.m.
Kugluktuk	March 2	Recreation Complex	2-4 p.m.	7-9 p.m.
Cambridge Bay	March 3	Luke Novoligak Community Hall	2-4 p.m.	7-9 p.m.

You are invited to:

- Learn about NIRB and its Review of the Project •
- Express your comments and concerns to NIRB staff •
- Share refreshments and win door prizes •

For more information contact the NIRB office toll-free at: 1-866-233-3033

Email: [info@nirb.ca](mailto:info@nirb.ca)      Website: [www.nirb.ca](http://www.nirb.ca)

## Cable/TV Advertisement – Inuinnaqtun



# Tapkuat Nunavut Avatiligiyit Katimayit

Atuqtitniaqtat tamna Nunaliknut Tuhaqhitni Katimaniq nunaligiyaqni piplugit **TMAC Risuasis Nanminilgit** uuktutat “Tukligikhat 2 Hope Bay Qimingga” havanguyuq tahapkunani ublukhaini:

Nunaliuyuq	Ublua	Katimavikhaq	Angmaumayuq Igluqpak Pivikha	Nunaliuyuq Katimaniq Pivikha
Uqhuqtuuq	Fibruari 27	Gideon Qitsualik Ulapqivik	2-4 ublukkut	7-9 unnukkut
Kugaaruk	Fibruari 28	Kamiuniti Haal	2-4 ublukkut	7-9 unnukkut
Taloyoak	Matyi 1	E.W. Lyall Ulapqivikyuaq	2-4 ublukkut	7-9 unnukkut
Kugluktuk	Matyi 2	Ulapqivikyuaq	2-4 ublukkut	7-9 unnukkut
Ikaluktutiak	Matyi 3	Luke Novoligak Kamiuniti Haal	2-4 ublukkut	7-9 unnukkut

Qitquyauyutit piplugit:

- Ilitni hunauyangi NIRB-kut Naunaiyainilu Havanguumik •
- Uqauhiginirtit uqauhikhatit ihumaalutitlu tapkununga NIRB-kut havaktinut •
- Atuqatigikniq niuqagakhanik takhiyamilu nalauttagakhanik itiqtunut •

Tuhaqpalligiami tugaqvigilugu tamna NIRB-kut aapisia akiittumun talvani: 1-866-233-3033

Qagitauyakkut: [info@nirb.ca](mailto:info@nirb.ca)

Qagitauyakkuvia: [www.nirb.ca](http://www.nirb.ca)

## **Cable/TV Advertisement - Inuktitut**



## ዕዲዎንግድ ፈቃዎንግድ ንብረቱ

መ.መ.ቁ	ፖ.ቁ.ቁ	ከበለስኩና	ወጪ&ወጪወጪ	መ.መ.ቁ
ዶ.መ.ቁ	፭፻፭፻ ፲፭	የበደቀዎች ስርዎች ስርዎች	2-4 ምርመራ	7-9 ምርመራ
ዶ.መ.ቁ	፭፻፭፻ ፲፮	ለግዢ ስርዎች	2-4 ምርመራ	7-9 ምርመራ
ር.መ.ቁ	፭፻፭፻ ፲፯	E.W. ምርመራ ስርዎች	2-4 ምርመራ	7-9 ምርመራ
ዶ.መ.ቁ	፭፻፭፻ ፲፱	ለግዢ ስርዎች	2-4 ምርመራ	7-9 ምርመራ
ል.መ.ቁ	፭፻፭፻ ፲፲	ታ ምርመራ ስርዎች	2-4 ምርመራ	7-9 ምርመራ

ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ

- Δες οικεία σε σχέδια για την ανάπτυξη της Ελλάς σε όλη την Ευρώπη.
- Δημιουργία νέων αγορών για την ανάπτυξη της Ελλάς σε όλη την Ευρώπη.
- Συνταγματική σε Ελλάς σε όλη την Ευρώπη.

ԱՐԴՅՈՒՆՈՒԹՅՈՒՆ: [info@nirb.ca](mailto:info@nirb.ca) ԳԵՐԱԴՐՈՒՅԹ: [www.nirb.ca](http://www.nirb.ca)