

- Introduction to the NIRB
- File History of the Phase 2 Hope Bay Belt project
- Phase 2 Hope Bay Belt project components
- Scoping List for the Phase 2 Hope Bay Belt project
- Contact the NIRB



What is the Nunavut Impact Review Board – NIRB?

- An “institution of public government” created by Article 12 of the Nunavut Land Claims Agreement
- Conducts “assessment” – looks at potential impacts of proposed projects in Nunavut
- Board members decide if projects should go ahead or not



Who is the NIRB?

- | | |
|---|--|
| <ul style="list-style-type: none"> ■ 8 Board Members, 1 Chairperson ■ Board Members nominated by government and other agencies (like GN, KIA, NTI), appointed by federal government ■ The Board has an office in Cambridge Bay with 15 staff | <ul style="list-style-type: none"> ■ Elizabeth Copland, Arviat (Acting Chairperson) ■ Allen Maghagak, Ottawa ■ Guy Alikut, Arviat ■ Kaviq Kaluraq, Iqaluit ■ Philip Kadlun, Kugluktuk ■ Henry Ohokannoak, Cambridge Bay ■ Joe Ohokannoak, Cambridge Bay ■ One vacancy - QIA nomination ■ 2 alternate members from Nunavik |
|---|--|



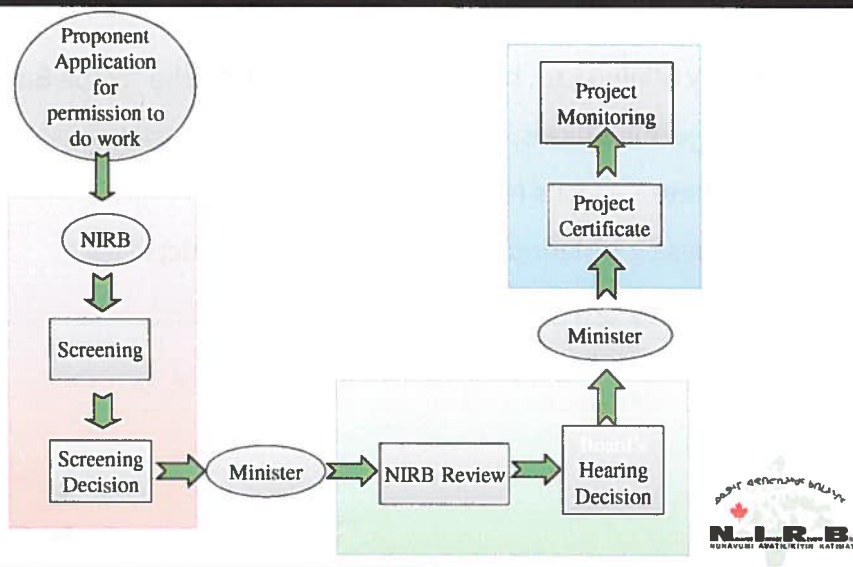
The NIRB's Objective

- Nunavut Land Claims Agreement:

"...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..."



The NIRB Process Overview



Who is the Proponent?

Hope Bay Mining Ltd.

- Headquarters in Vancouver, British Columbia
- A wholly owned subsidiary of Newmont Mining Corporation
 - Operates in the United States, Australia, Peru, Indonesia, Ghana, New Zealand and Mexico



Hope Bay Belt Project History

Hope Bay Mining Ltd. has proposed to develop the "Hope Bay Belt" project in phases:

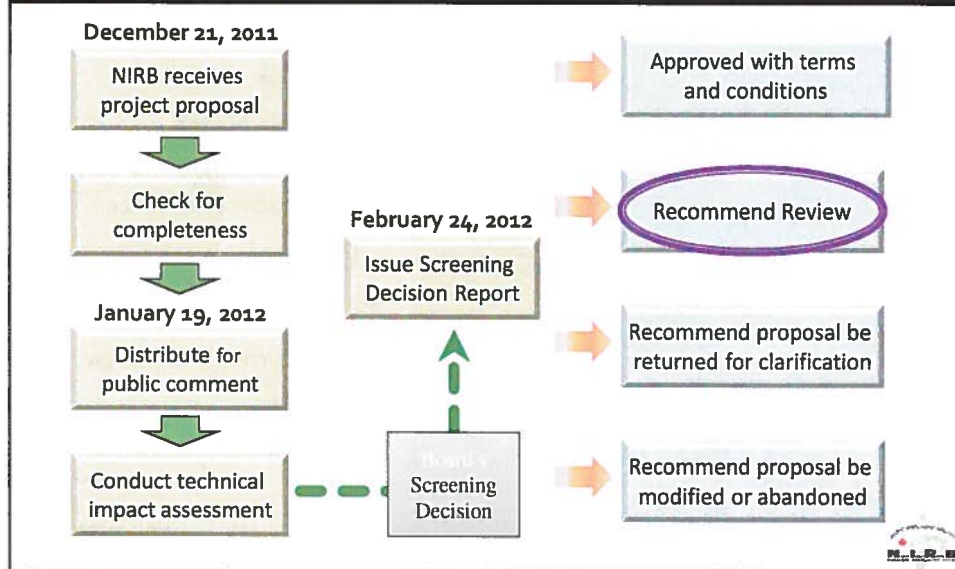
Phase 1 – Doris North Mine

Phase 2 – Madrid, Patch and Boston Districts

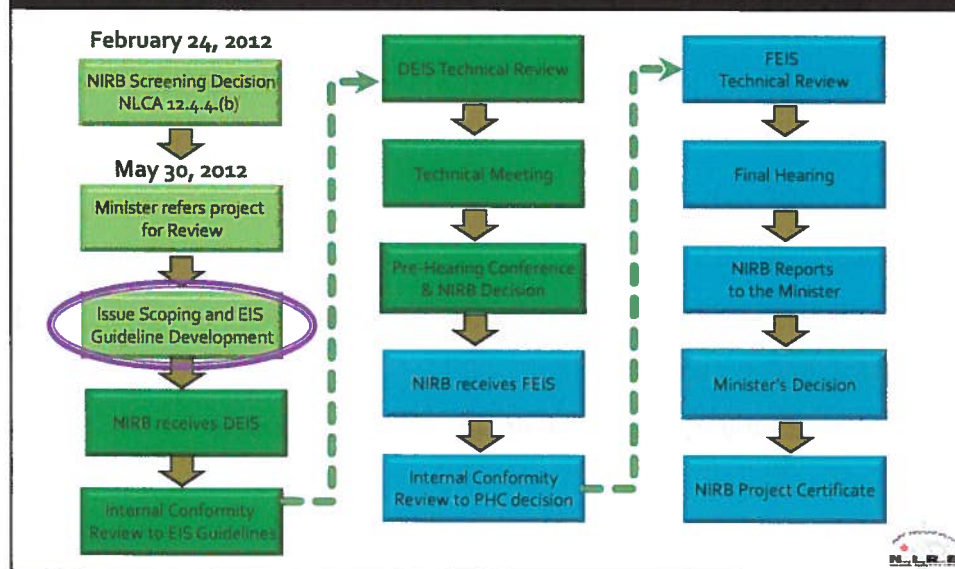
Phase 3 – *not yet confirmed*



Screening Process Overview



Review Process Overview



Location of the Project



Phase 1

Doris North

- Currently under care and maintenance

Phase 2

Madrid/Patch

- Currently in Review

Boston

- Currently in Review



Phase 2 - Project Components

- Expansion of infrastructure at the Doris North Mine Site
- Roberts Bay Port Site
- Madrid/Patch Mine Site
- Boston Mine Site
- Access roads from Roberts Bay to Boston District
- Mobilization and Shipping
- Abandonment, Decommissioning and Reclamation



Expansion of Doris North Mine Site

- Expansion of the Roberts Bay Facility
- Waste Management facility would be expanded to accommodate Phase 2 development



Madrid/Patch District

- Madrid District
 - Expansion of current infrastructure
 - Underground and open pit mining
 - Crushing and milling operations
 - Waste management facilities
 - Tailings and waste rock storage facilities
 - Fuel storage
 - Camp expansion



Boston District

- Boston District
 - Expansion of current infrastructure
 - Underground and open pit mining
 - Mining and milling operations
 - Waste management facilities
 - Tailings and waste rock storage facilities
 - Airstrip



Mobilization and Shipping

- Combination of all-weather roads, ice roads, and snow roads
 - All-weather central corridor would be approximately 80 kilometres from Roberts Bay to Boston
- Air Transportation
- Marine Shipping



Air Transportation

- 6 existing ice and land based airstrips
- Currently restricted to turbo-prop aircraft
- Used for transporting personnel and cargo to/from site



Closure and Reclamation

- Decommissioning will occur after the closure of the mine





What is Scoping?

- A **"SCOPE"** is a tool that helps us see better – for NIRB, a SCOPE is a list of all parts of the project, and the parts of the environment that might be affected by the project
- Scoping also helps us see better, what people (like **you**) think about the project, and what parts of the environment are important to **YOU!**



Scope of NIRB's Assessment

- The NIRB's assessment of the Phase 2 Hope Bay Belt Project is based on:
 - The Nunavut Land Claims Agreement
 - The Project Proposal submitted by HBML on December 21, 2011
 - Possible ecosystemic and socio-economic impacts of the project
 - NIRB's **Scoping List**
 - ✓ - Input from government departments and KIA
 - ✓ - Input from public scoping meetings



Scoping: Potential Impacts to...

Things people think are important:

- Ecosystemic Environment
 - Biological and Physical
- Socio-Economic Environment



Ecosystem Components



Water

- Water
 - Sediment Quality
 - Water Quantity
 - Fish and Fish Habitat



Air quality

- Air Quality
 - Dust



Ecosystem Components



Marine life



Freshwater life

- Aquatic Ecology
- Sediment Quality
- Fish Habitat
- Fish



Ecosystem Components

- Raptors
- Migratory Birds
- Seabirds



Birds



Wildlife

- Caribou
- Musk-ox
- Fox
- Wolves
- Wolverine
- Bears

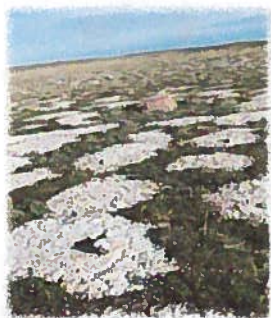


Ecosystem Components



Geology

- Permafrost
- Geomorphology
- Soils



Ground stability



Vegetation



Socio-Economic Components

- Protected areas
- Visual and aesthetic resources



Land and Resource Use



Food security



Socio-Economic Components



Employment



Education and training

- Opportunities to train on-the job



Socio-Economic Components

- Human-health and wellbeing



Archaeology



Livelihood



Socio-Economic Components

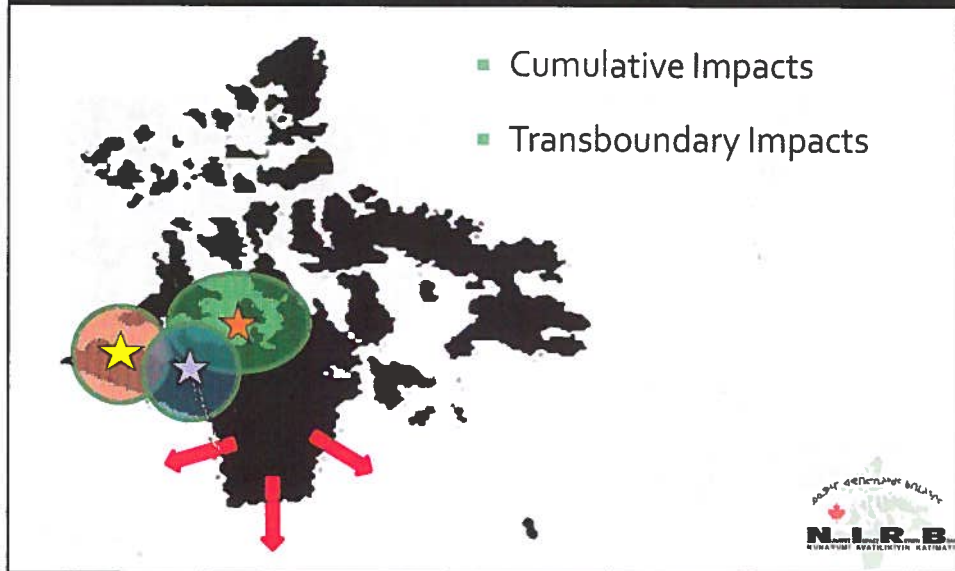


Community infrastructure
and public services

- Economic development
- Benefits and royalties



Other Items



The NIRB wants to hear from You!

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



How to stay informed?

- NIRB's email distribution list
 - You will receive all information sent publicly during the Review process
- Phone NIRB toll-free and ask to speak to someone about the Project
- Visit the NIRB's online public registry for all materials included in the Board's Review (<http://ftp.nirb.ca>)



How to contact the NIRB?

- **Phone (toll-free):** 1-866-233-3033
- **Fax:** (867) 983-2594
- **Email:** info@nirb.ca
- **Regular post:**

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Questions?

