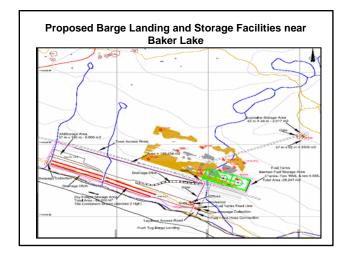


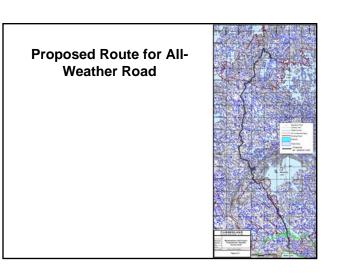




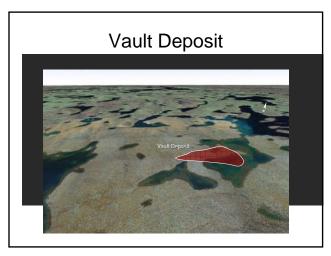
Meadowbank Gold Mine Project The mine site will consist of: a mill for ore processing accommodations for about 250 people fuel storage area power plant explosives storage area maintenance buildings airstrip roads waste water management facilities waste rock and tailings management facilities

"fly-in/fly-out" operation Project supplies and equipment will be transported to a new barge facility and storage area east of Baker Lake From Baker Lake, the supplies will be transported along an all-weather road to the proposed mine site













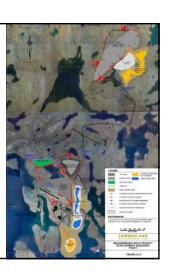
Overall Site Plan – Year Three



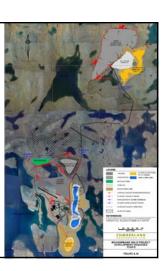
Overall Site Plan – Year Five



Overall Site Plan – Year Seven



Overall Site Plan – Year Eight





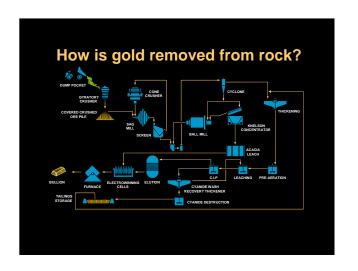


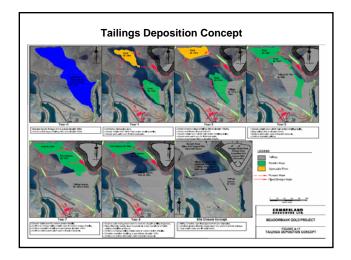


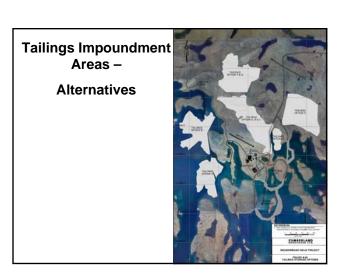
Tailings

What are Tailings?

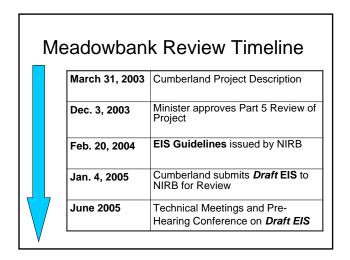
- The fine ground rock that is left over from the mining process
- <u>Tailings water</u> water which has come into contact with the tailings
- Tailings water has the potential to produce acid and leach metal from the rocks
- Cumberland intends to let the tailings freeze naturally to avoid contaminated water entering the environment







NIRB Review Process



Timeline continued July 14, 2005 Pre-Hearing Decision issued - 107 Commitments and 9 Key Issues identified November 8, 2005 Cumberland submits Final EIS to NIRB December 20, Positive conformity decision 2005 on Final EIS - Final Hearing Date set January 20, 2006 Deadline for *Information* Requests from Parties February 10, 2006 Deadline for CRL to respond to Information Requests

Final Hearing Dates

- Monday March 27 Wednesday March 29, 2006: Baker Lake
 - These dates will include Technical Sessions and Community Sessions
- Thursday March 30, 2006: Chesterfield Inlet
- Friday March 31, 2006: Rankin Inlet

The Importance of the Pre-Hearing Decision made by NIRB

What was in the Pre-Hearing Decision?

- On July 14, 2005 NIRB issued its Pre-Hearing Decision, based on the *Draft EIS*
- This report outlined 9 Key Issues which NIRB felt Cumberland needed to stress in its *Final EIS*
- It also included 107 items Cumberland Resources committed to providing in the Final EIS

Why is the Pre-Hearing Decision Important?

The Pre-Hearing Decision provided direction to Cumberland on additional information NIRB needed in the *Final EIS*, in order to proceed to a Final Hearing for the Meadowbank Gold Project

Response to the Pre-Hearing Decision by Cumberland

- Cumberland submitted its *Final EIS* on November 8, 2005
- NIRB checked to make sure Cumberland has addressed the 9 Key Issues and the 107 Commitments
- After submitting some additional information to NIRB in November and December, Cumberland received a positive response from NIRB on December 20, 2005

9 Key Issues

- 1. Wildlife
- 2. Fisheries and Aquatics
- 3. Waste Rock and Tailings Management
- 4. Climate Change
- 5. Chemicals Management
- 6. All-Weather Road
- 7. Shipping and Marine
- 8. Socioeconomics
- 9. Traditional Knowledge

Key Issue 1 - Wildlife

NIRB Request

- Updated studies on wildlife movement
- Better analysis of methods to discourage wildlife
- More discussion regarding potential for wildlife to be affected by contaminants

CRL Response

- CRL provided intention of doing surveys, observation results and discussion of the effects of studies on wildlife movement
- Bear bangers, bullhorns –
 chase off bears. During
 periods of high caribou
 numbers, monitoring will
 occur at least two times a day
 fencing not considered
 suitable option
- CRL provided potential for adverse effects on birds and other wildlife from contaminants

Key Issue 2- Fisheries and Aquatics

NIRB Request

- More information on dewatering program
- Better discussion of mine blasting program as related to sensitive fish habitat
- More analysis of ARD as related to the protection of aquatic ecosystems
- 4. Effect of project changes on water balance

CRL Response

- Provided information on dewatering program – Baker Lake residents will harvest fish from Lakes
- Used an upper range for estimating the impact of explosives on fish habitat and are following DFO Guidelines
- Drainage water from all mine components (which includes potential for ARD) is predicted to meet MMER standards, in most cases
- Updated water balance calculations

Key Issue 3 – Waste Rock and Tailings Management

NIRB Request

 Better discussion of cover-capping program, including cover materials, thickness, mitigation to avoid pollution of surface and groundwaters and windblown contaminants

CRL Response

1. Tailings facility has low profile, progressive reclamation will occur to cap the tailings with waste rock, which is anticipated to have minimal dust

Key Issue 4 - Climate Change

NIRB Request

The impact of climate change on tailings management

CRL Response

 Tailings facility is expected to freeze over time; permafrost will be monitored; mitigation measures will be applied if monitoring indicates it is necessary to control or enhance ground temperature

Key Issue 5 – Chemicals Management

NIRB Request

- Better description of cyanide used in mining process
- Better description of proposed blasting program and ammonium nitrate and explosives materials storage and management

CRL Response

- Provided a description of the physical properties, cyanide production and regulation, cyanide transport, on-site storage and handling, spills and international cyanide management code
 Stimated annual explosives
- management code

 2. Estimated annual explosives requirement = between 9 11 thousand tonnes. Bulk of the explosives will be mixed on-site as needed (70% Ammonium Nitrate, 30% Diesel Fuel). Ammonium Nitrate stored outdoors in 1 tonne bags. Explosive detonators will be stored in enclosed magazine. No explosives will be stored at Baker Lake

Key Issue 6 – All-Weather Road

NIRB Request

- More information to address public safety
- Exploration of the regulatory aspects of the road
- Long term options for the road

CRL Response

- No gates, except at mine site and Baker Lake storage; Refuge stations every 30km; signage indicating road is private and offering other routes; posting of speed limits
- If the road is a public road, regulatory responsibility falls to GN and Hamlet; if road is private, CRL will adopt a traffic management system
- CRL will abandon and reclaim the road as required by regulatory and land tenure agreements – but CRL will canvass the parties 5 years before mine closure

Key Issue 7 – Shipping and Marine

NIRB Request

 Full explanation of potential impacts from increased shipping traffic and the potential for spills

CRL Response

 3-5 barges to go through Chesterfield Inlet; not clear at this time what size of barges will be used; CRL will become responsible for cargo once it reaches Baker Lake; impacts are not predicted to be significant

Key Issue 8 - Socioeconomics

NIRB Request

- Comparison with Arctic
 Bay/Nanisivik mine
 experience to assess
 potential social and economic
 effects on Baker Lake
- Effect of the mine on Baker Lake and local service providers from problems caused by alcohol and safety
- 3. Better discussion of potential negative social effects

CRL Response

- CRL reviewed report on Nanisivik and compared Nanisivik project to that of Meadowbank project
- 2/3. Available studies are unable to link mining employment with overall increase to alcohol abuse; police concerned with higher levels of income will increase workloads because of increased social activity; possible increase of income inequity CRL & KIA plan to include Culture and Community Development Fund in IIBA, which would provide a mechanism through IIBA process to address community level challenges

Key Issue 9 – Traditional Knowledge

NIRB Request

 Better discussion of the use of Traditional Knowledge in reaching conclusions in Final EIS, particularly related to impact of road and shipping

CRL Response

Elders were asked to identify caribou migrations, archeological sites – Elders indicated that they were not worried that the all-weather road would lead to overharvesting, as people would abide by wildlife hunting regulations;

107 Commitments

- · Project Design related
- Permafrost
- Groundwater
- Mine Waste, Tailings dikes and Dewatering Dikes Alternatives
- · Geochemical Program and Water Quality
- · Wildlife and Terrestrial
- Aquatic
- Socioeconomics
- Air and Noise Quality

Preparing for the Final Hearing

- Final EIS addresses the information NIRB asked for in the Pre-Hearing Decision
- But some Intervening Parties think the information contained in the Final EIS does not provide enough detail for them to assess whether or not there are going to be impacts from the Project

Information Requests

- In order to address Intervening Parties concerns, they provided an Information Request to NIRB regarding the matter where they need additional information
- NIRB approved or disapproved these Information Requests, and forwarded the approved requests onto Cumberland to respond to by February 10, 2006

Who Submitted Information Requests?

- Kivalliq Inuit Association (KIA)
- Indian and Northern Affairs Canada (INAC)
- Environment Canada (EC)
- Health Canada (HC)
- Natural Resources Canada (NRCan)
- Transport Canada (TC)
- Government of Nunavut (GN) Department of Environment (DoE)
- GN Department of Community Government and Services (CGS)
- Department of Fisheries and Oceans Canada (DFO)

92 Information Requests were forwarded to Cumberland for response by February 10, 2006

What kind of Information Requests?

- Air Quality
- · Waste Incineration Strategy
- Cumulative Effects
- · Water Quality
- Additional Aquatic Baseline Data
- Fish and Fish Habitat
- Groundwater/HydrogeologyAbandonment and
- Reclamation Plan
 Tailings Alternatives
- Tailings Alternatives
 Assessment
- · Waste and Water Management
- Socioeconomics, including anticipated development pressures on Baker Lake
- Human Health Risk Assessment

- Tailings Impoundment Area (density, water quality, water quality of open pits)
- Geochemistry
- Pit Dyke, Tailings, and Waste Rock Area Design
- Chemicals Management
- Flooding of Pits
- Shipping and Marine
- All-Weather Road and Tehek Lake Access Road Closure
- Climate Change and Permafrost
- Predicted Noise Levels and Guidelines
- All-Weather Road and use of rock materials required
- Environmental Management and Monitoring Plans

Next Steps - Final Hearing

- At the Final Hearing the Nunavut Impact Review Board will hear:
 - Intervening parties positions on whether or not they agree with what the company's impact predictions
 - Community concerns
- Following the Final Hearing, the NIRB will make its decision regarding whether or not this proposed project will be approved at this time

Reminder – Final Hearing Dates

- Monday March 27 Wednesday March 29, 2006: Baker Lake
 - These dates will include Technical Sessions and Community Sessions
- Thursday March 30, 2006: Chesterfield Inlet
- Friday March 31, 2006: Rankin Inlet

Hope to see you there!

Contact NIRB: 1-866-233-3033 cinglis@nirb.nunavut.ca http://ftp.nunavut.ca/nirb/