



**Independent Environmental
Monitoring Agency**

ABANDONMENT AND RECLAMATION - Closing the Mine

**Kugluktuk, NU Community Presentation
August 24th, 2004**

Closing the Mine

- **The Abandonment and Reclamation Plan**
- **Security Deposits**
- **Progressive Reclamation**
- **BHPB activities in 2003**
- **Agency Comments**

The Abandonment and Reclamation Plan

- BHPB submits an Abandonment and Reclamation Plan (A&R Plan) for approval by the Mackenzie Valley Land and Water Board (MVLWB)
- The A&R Plan is updated as the mine plan changes
- Scientific Studies are required to assist in planning, results of the studies enhance the detail of the A&R plan

Security Deposits

- The A&R plan assists the government and the company in calculating a security deposit – the amount of money to close the mine if the company cannot fulfill its mine closure obligations

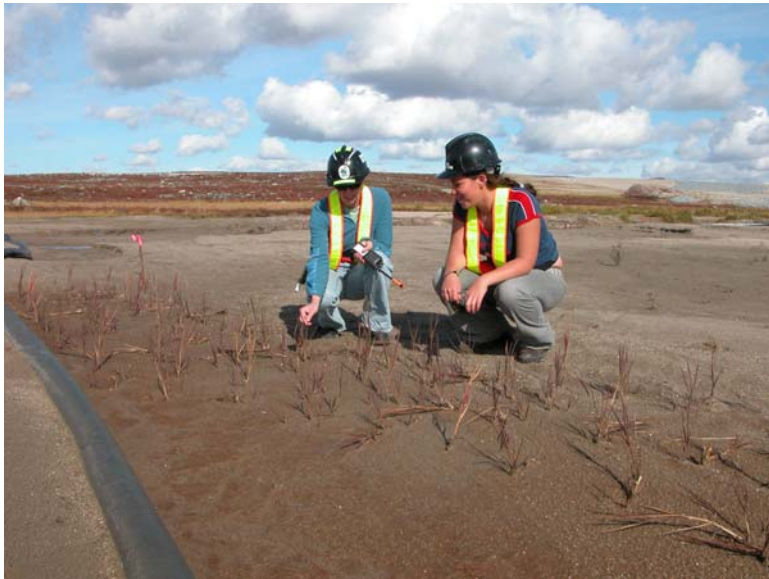
Progressive Reclamation

- Reclaiming those parts of the mine that are completed during the main mining operation so that the total reclamation required at the end of mine life is reduced
- BHPB is committed to carrying out progressive reclamation

BHPB's Activities in 2003

Research

- Current focus is on revegetation:



of processed
kimberlite



of closed mine
areas

BHPB's Activities in 2003

Progressive Reclamation

- BHPB has continued to reclaim parts of the old camp and airport esker



Agency Comments

- Revised plan was submitted in 2003, revised in 2004 but not yet approved
- We reviewed the recent A&R Plan submitted by the company and found it to be deficient.
- BHPB's A&R Plan was not approved by the MVLWB.
- Working groups are being set up to assist the company to revise it's A&R Plan

Agency Comments, continued

Key Areas for BHPB to improve it's A&R Plan

- Conceptual vs. Detailed
- Pit Infilling
- Revegation of processed kimberlite
- Closing the Panda Diversion Channel