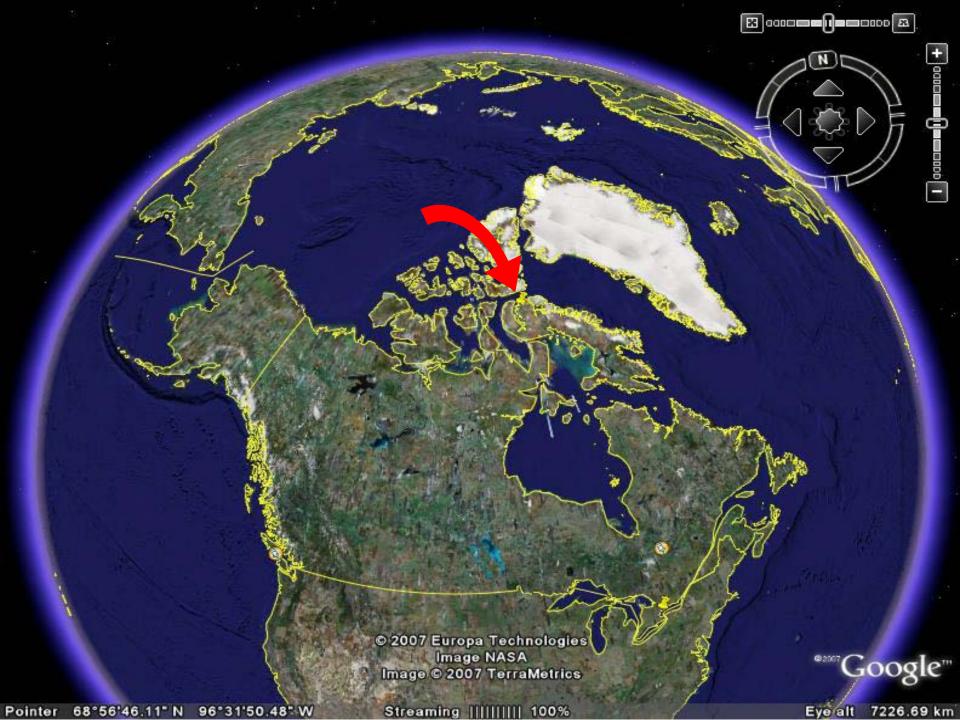




Nanisivik Reclamation Update

October 15, 2007





















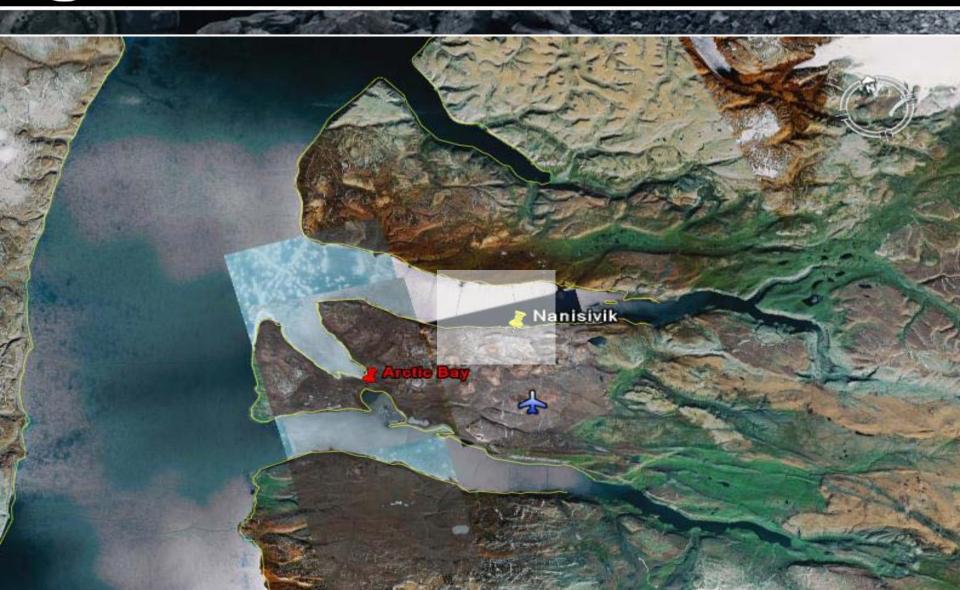










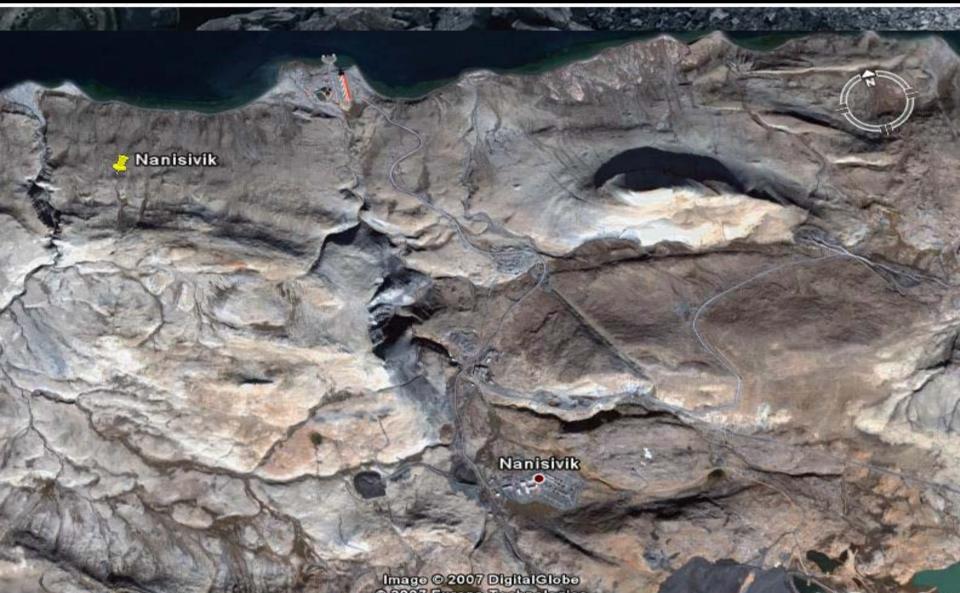




















- Began operations in 1976
- Canada first mine north of the Arctic Circle
- Operated successfully for 26 years
- Produced zinc and lead concentrate
- Mined approx 18 million tonnes of ore (vs 6.3 million tonnes in the feasibility study)
- Total capital estimated at \$61 million
- Current owner of the mine, CanZinco, since 1999
- In 2000 mine plan anticipated 2004/5
- In 2001 re-evaluation due to long term forecast of depressed metal prices
 - Nanisivik announced early closure and produced the last tonne of ore in Oct 2002









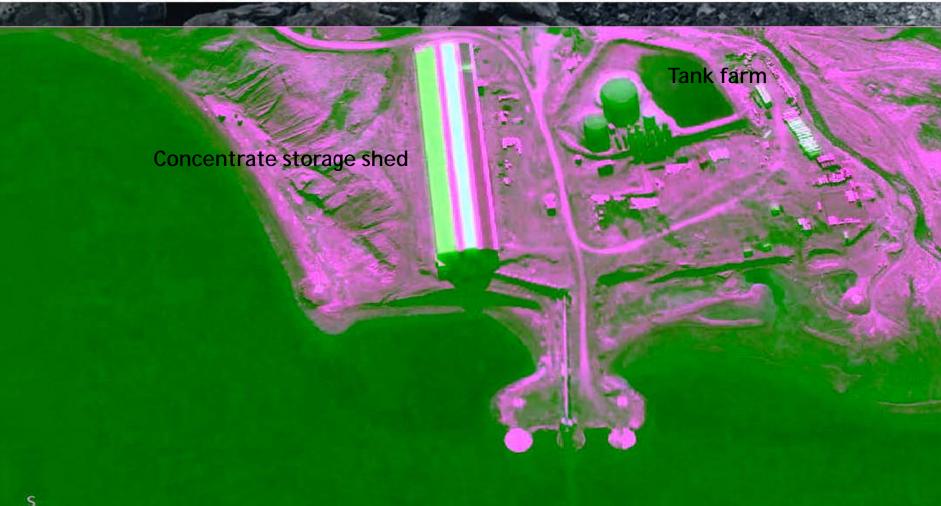
INFRASTRUCTURE

















Industrial complex

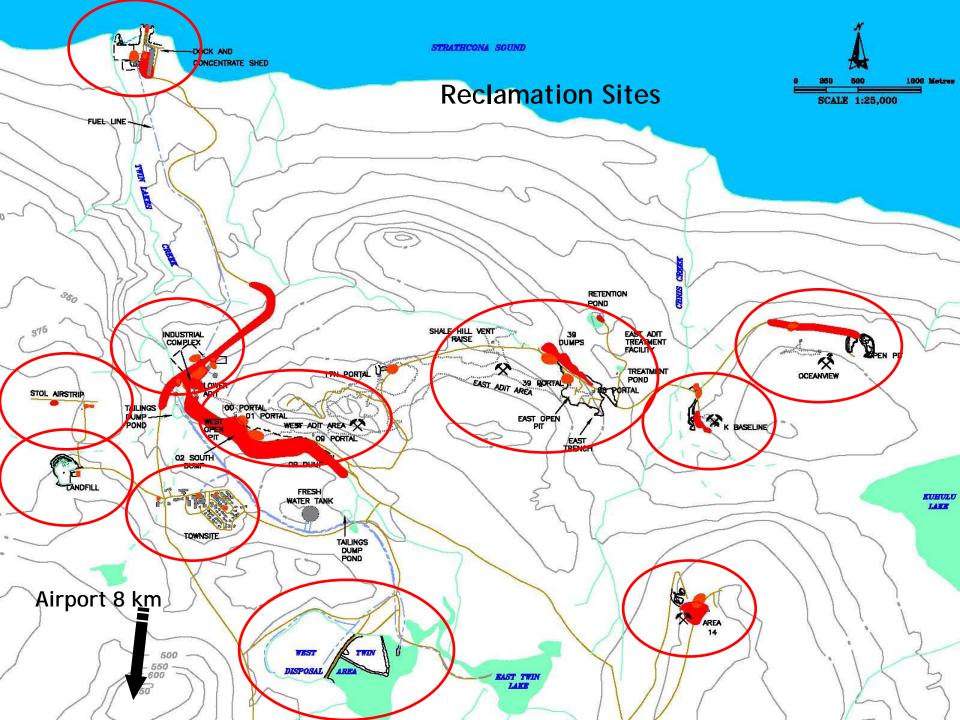




















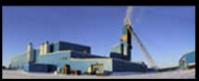
RECLAMATION ACTIVITIES

2002 - 2007









Reclamation and Closure Key Dates

- September 30, 2002:
 - ⋆Production stops
 - ⋆ "Care and maintenance" discussions continue GN
- July 26, 2004:
 - **♦Final decisions:**
 - **★1) GN Cabinet decision not to use site or infrastructure**
 - **★2) NWB approves Reclamation and Closure Plan (permission to proceed)**













Breakwater Resources Ltd.

tailings





28 metres



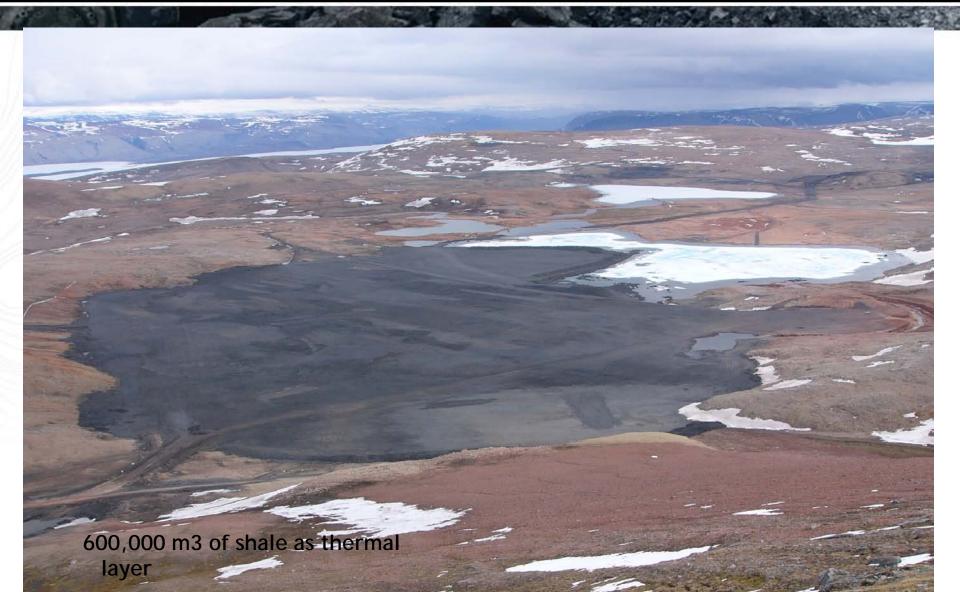
₩IL gravel	Ма	0.30 metres	
um observed thaw 0.72 m	ximum thaw 0.92 m	Design 7:25 m O.95 metres	









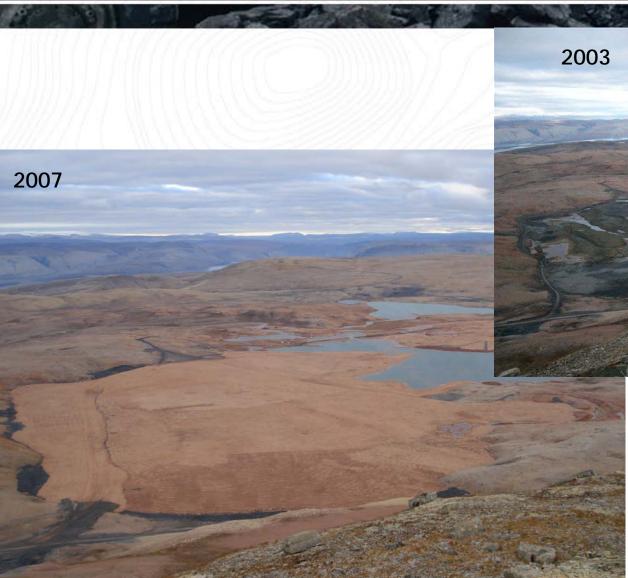












125,000 m3 of armour































East Open Pit - pre-remediation













East Open Pit during covering - using 60 tonnes trucks







































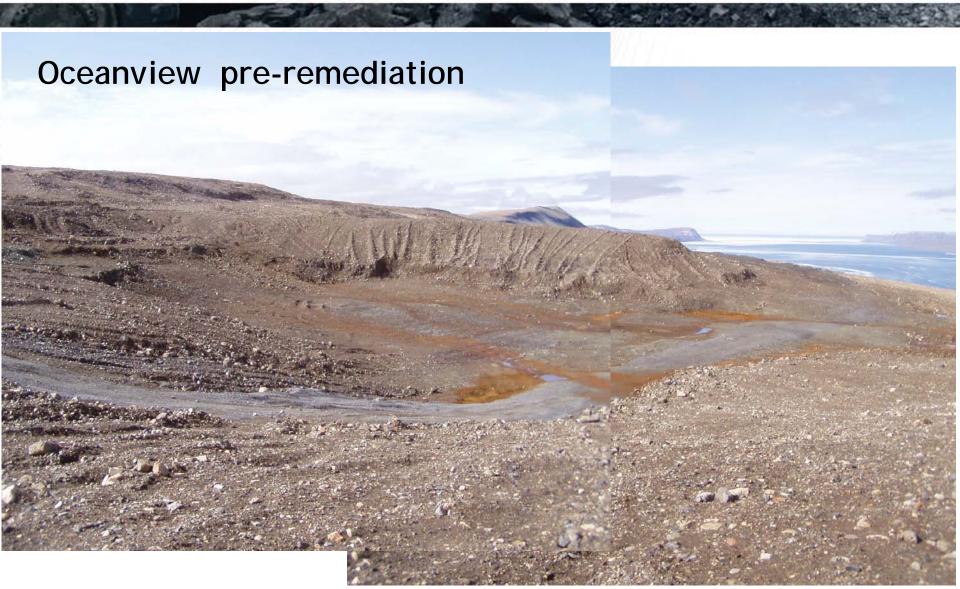




















Oceanview - 45,000 m3 shale and armour





















Landfill – thermal cover being applied

















Contaminated Soil Targets

- HHERA determined no risk from metals but company committed to cleaning up "hotspots"
- Hydrocarbon soils were cleaned to CCME
- Soil volumes range between 1,000 and 36,000 m³
- Total estimated volume of 170,000 m³











Concentrate shed being dismantled

(size of two football fields)









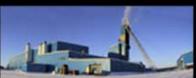






















Dock site











Industrial complex

- Assets purchased by Wolfden
- Equipment/inventory salvage
- PCBs shipped
- Nuclear density gauges shipped
- Non-hazmats disposed underground
- Infrastructure dismantled
- ~ 75,000 m³ of contaminated soil (metals, HC) excavated
- Foundation backfilled thermal cover
- Residual soils in 2008































Town centre (gov't owned)

being demolished

























BREAKWATER RESOURCES LTD. Doing the Right Things Right

"After 27 years of operation, the Nanisivik mine closed in 2002. Canada's first mine north of the Arctic Circle, Nanisivik was a remarkably successful endeavour from which other northern operations have learned a great deal. Final closure and reclamation activities are being carried out this year."



Mining Association of Canada

Annual Report 2006 www.mining.ca