



Mining in Nunavut

Partnering in Iqaluit's Economic Development

Iqaluit Economic Development Forum
March, 2013

Key Messages

- The mining industry in Nunavut is our economic strength
- We have significant mining opportunities ahead of us
- Business Opportunities and benefits to Iqaluit
- Nunavut Mining Symposium – a major economic driver for the City

Role of the Chamber of Mines

2 Main functions

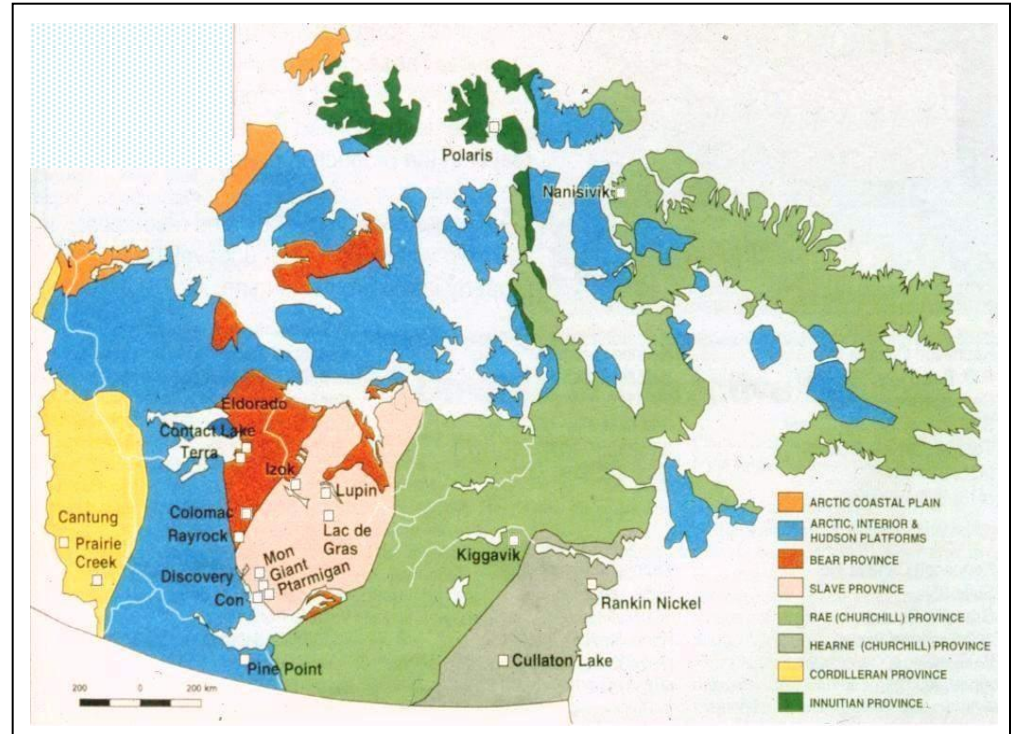
- Education, advocacy
- Window for government to seek input on policy

Establishment of
Nunavut office - 2011



The North's tremendous mineral potential

- 8 geological provinces
- Diverse mineralogy
 - Gold, silver, diamonds, lead, zinc, uranium, tungsten, rare earths, cobalt, bismuth, nickel, copper, etc.
- Under-mapped & under-explored
- Great mineral potential
 - Fraser Institute ranked Nunavut geology as 7th most attractive of 93 global jurisdictions



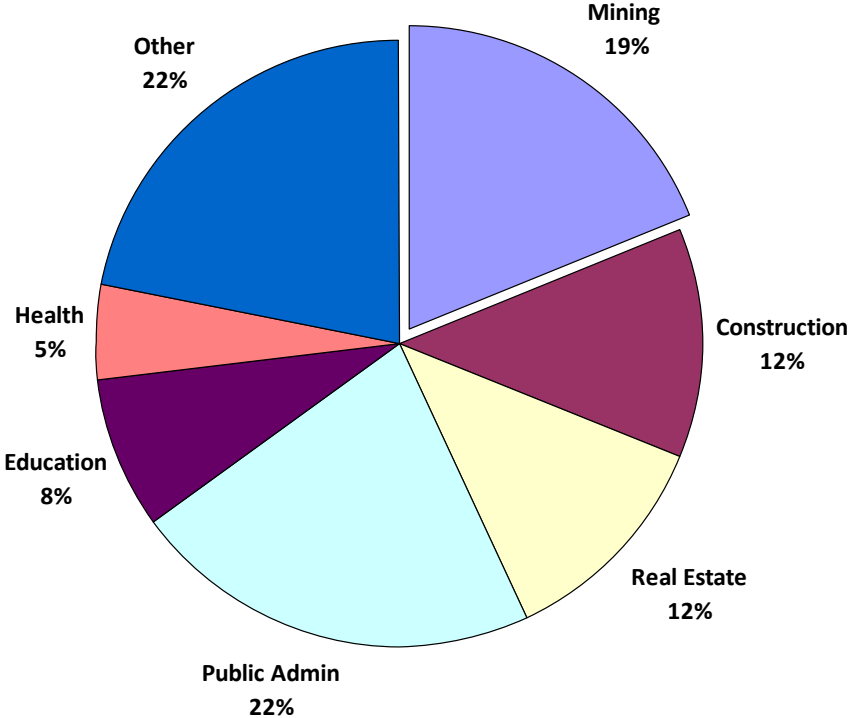
Mines and Advanced Mine Projects

Project	Owner(s)	Commodity	Description	Status
Meadowbank Gold Mine	Agnico-Eagle Mines	Gold	In operation since 2010. Open pit mine located in the Kivalliq Region, 300 km west of Hudson Bay and 70 km N of Baker Lake. Mine jobs: 450	Latest IIBA agreement signed October 23, 2012. Payable gold production for 2012 totalled 366,030 oz. Mine life extended to 2018. Est. expenditures for 2013 - \$83M.
Mary River	Baffinland Iron Mines	Iron	Proposed open pit mine with railway and port; 936 km N of Iqaluit with 5 known deposits. Estimated construction jobs: 3,500 – 5,000 Estimated mine jobs: 715	Project Certificate awarded December 28, 2012; Plan to submit addendum to FEIS by end of June, 2013.
Kiggavik	AREVA Resources	Uranium	Proposed uranium mine 80 km W of Baker Lake. Estimated Construction jobs: 750 Estimated mine jobs: 600	Areva submitted response to DEIS IR's on January 31, 2013.
Meliadine Gold	Agnico-Eagle Mines	Gold	Possible gold mine, 5 deposits, the largest of which is the Tiriganiaq deposit, 25 km NE of Rankin Inlet. Estimated construction jobs: 1000 Estimated mine jobs: 700	DEIS submitted January 25, 2013. Est. expenditures for development and exploration for 2013 - \$90M.
Hackett River	XStrata Zinc Canada	Zinc, Silver, Copper, Lead	Proposed open pit mine. One of largest undeveloped VMS massive sulphide deposits in the world. 104 km SSW of Bathurst Inlet. Estimated construction jobs: 800 Estimated mine jobs: 500	Pre-feasibility Study initiated in September, 2012; Submission of DEIS scheduled for Q3, 2013.
Back River	Sabina Gold & Silver Corp.	Gold	Approximately 60KM from Hackett River; adjacent to the Wishbone Greenstone belt. Consists of the George and Goose Lake deposits and holds significant gold resources. Estimated construction jobs: 1,600 Estimated mine jobs: 900	Plans to file DEIS by end of 2013. Updated Back River resource calculation est. before end of Q1, 2013.
Izok Corridor Project (with High Lake)	MMG Resources Inc.	Copper, Zinc, Gold, Silver	(High Lake) 1710 hectare, copper-zinc-silver-gold property, 190 km ESE of Kugluktuk. Estimated mine jobs: 500 (Izok) High-grade zinc-copper-lead-silver deposit, 255 km SW of Kugluktuk. Estimated construction jobs: 1,140 Estimated mine jobs: 710	Based on 2011 Feasibility Study, Izok Corridor Project Proposal submitted to NIRB.
ULU & Lupin	Elgin Mining Inc.	Gold	Located 285 km SE of Kugluktuk. Lupin mine: past production; 3.7 million oz. ULU deposit: indicated mineral resource; 751,000 tonnes	Elgin plans to complete updated preliminary economic assessment in 2013. Mine's water licence up to date.
Doris North/ Hope Bay	Newmont Mining Corp	Gold	Proposed gold mines 130 km S of Cambridge Bay; covers the majority of the Hope Bay Greenstone Belt. Estimated mine jobs: 300	Newmont requests NIRB to confirm transfer of Project Certificate to TMAC on February 4, 2013.

Nunavut GDP

This mining figure is for ore extraction only. It excludes any mining exploration or mine construction.

Nunavut GDP (2011)



- Source: CANSIM 379-0028 (Stats Can);



Total Nunavut mining contributions

- Potential Nunavut mining benefits from 2013-2024
 - 1 currently operating mine and 7 new mines
 - Nunavut GDP over \$36b
 - Canadian GDP estimated at over \$70b with indirect + induced
 - Total Federal & Territorial tax (direct + royalties) – over \$10b
 - Total person years employment – nearly 100,000
 - Total income earned in NU – over \$9b

* Note: Existing and New. Includes the Meadowbank mine and assumes 7 new mines: Meliadine, Kiggavik, Roche Bay, Izok Corridor, Hackett, Back, & Mary River.

Business Opportunities

- Significant variety in exploration & mining business opportunities
 - Catering
 - Heavy Equipment Labour supply
 - Site Services
 - Marine shipping
 - Fixed wing & helicopter services
 - Explosives supply and prep
 - Trucking & land transportation
 - Drilling services (exploration, environmental, geotech)
 - Contract mining
 - Medical services
 - Various construction
 - Security
 - Engineering services
 - Expediting
 - Environmental services
 - Legal services
 - Cement supply

Business Opportunities - NMS

- Major economic event in Iqaluit
- April 8 – 11, 2013
- “Making Connections”

Business Opportunities - NMS (cont.)

- Frobisher Hotel & Conference Centre
 - All other hotels and DND barracks
- Outcrop Nunavut
- Innirvik Support Services
- NACA
- RBC
- Alianait Festival
- News North
- BRCC
- T Fox Graphics
- City of Iqaluit – Curling Rink

Business Opportunities – NMS (cont.)

Financial impacts to Iqaluit

Direct NMS spending	\$300,000
Delegate spending	<u>\$420,000</u>
TOTAL	\$720,000

Estimates based on 2012 figures

“Economic growth in the Canadian territories is forecast to outpace the country as a whole for several years to come.

This is attributed to new mine developments, and favourable global demand for metals suggests that Canada's mining potential is bright over the next decade – particularly in the territorial North.”

... Conference Board of Canada

Where to find us...

NUNAVUT

P.O. Box 1019

Unit 116, Astro Hill Complex (8-story)

Iqaluit , NU X0A 0H0

Tel (867) 979-5291

NORTHWEST TERRITORIES

P.O. Box 2818

Suite 103, 5102 – 50 Avenue

Yellowknife, NT X1A 2R1

Tel (867) 873-5281

info@miningnorth.com

www.miningnorth.com

Twitter @MiningNorth

