Nunavut Exploration Overview 2018



Nunavut Regional Office

Crown-Indigenous Relations and Northern Affairs Canada

2019 Nunavut Mining Symposium, Iqaluit, NU, April 2019



2018-19 Highlights

Agnico Eagle Mines Ltd.

- Mining startup at Amaruq
- Meliadine production expected early Q2 2019
- First gold bar poured in February 2019

Baffinland Iron Mines Corp.

- Record amount of iron ore shipped from Milne Inlet
- New camp facility opened at the mine site

TMAC Resources Inc.

- Advanced permitting of Madrid and Boston projects
- Improving gold recoveries from Doris Mine
- Drilling planned at Doris BTD, Boston and Madrid



2018-19 Highlights

Sabina Gold & Silver Corp.

- Advanced permitting of Back River
- Continued construction of infrastructure facilities
- Encouraging exploration results with new discoveries

De Beers Canada Ltd.

Acquired Chidliak project

North Arrow Minerals Ltd.

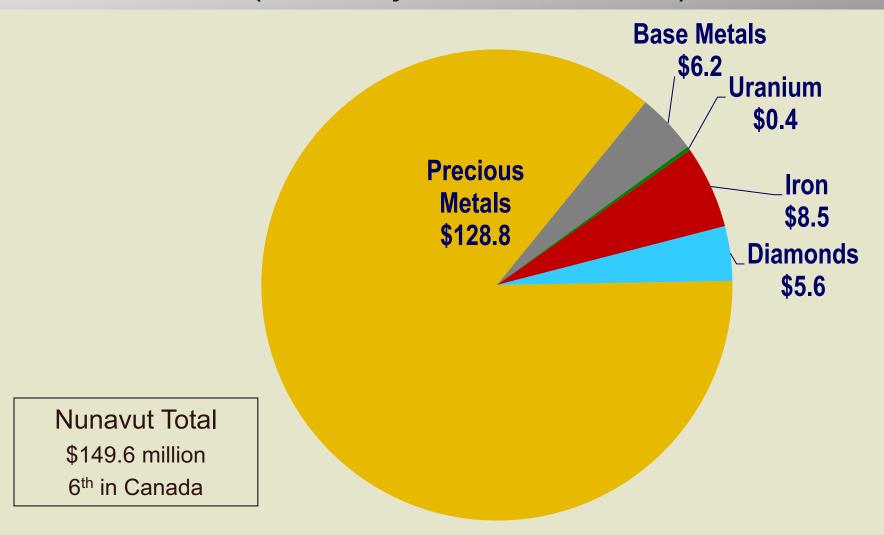
- New discovery at Mel
- Drill testing

Dunnedin Ventures Inc.

New discovery at Kahuna

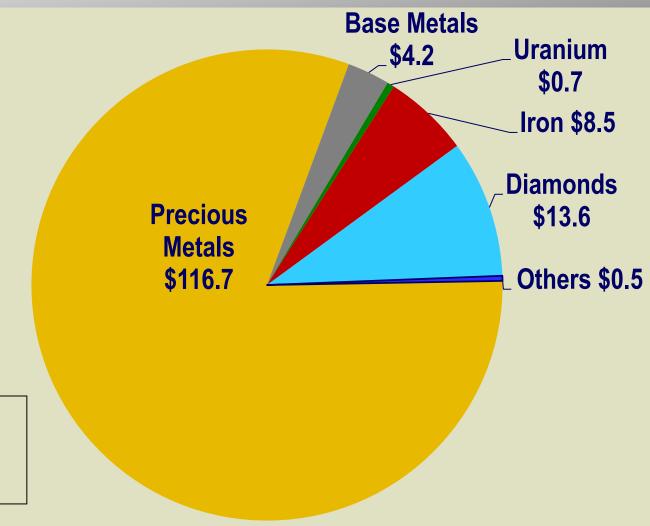
2018 Exploration & Deposit Appraisal Expenditures

(Preliminary Estimates; \$ millions)



2019 Exploration & Deposit Appraisal Expenditures

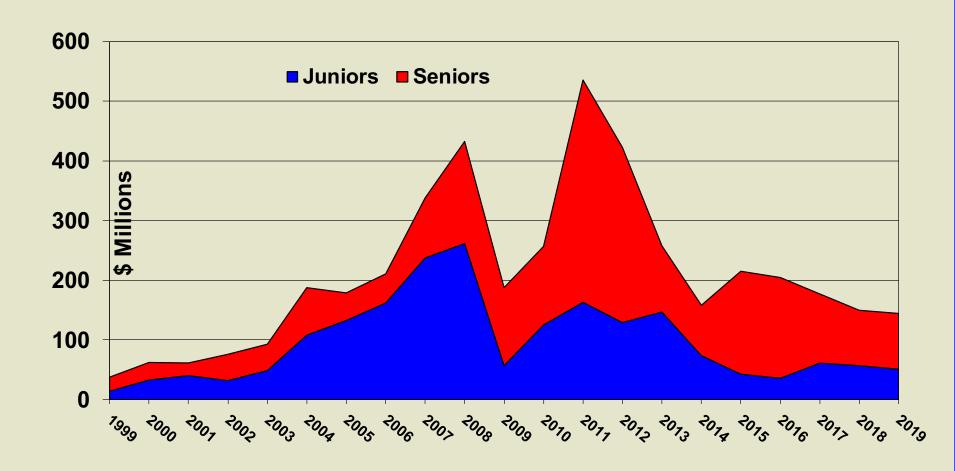
(Spending Intentions; \$ millions)



Nunavut Total \$144.3 million 5th in Canada



Exploration & Deposit Appraisal Investment



Over \$4.3 billion investment in Nunavut since 1999



FRASER INSTITUTE SURVEY OF MINING COMPANIES 2018

Measures the investment attractiveness of mineral exploration jurisdictions based on responses from mineral exploration and mining companies

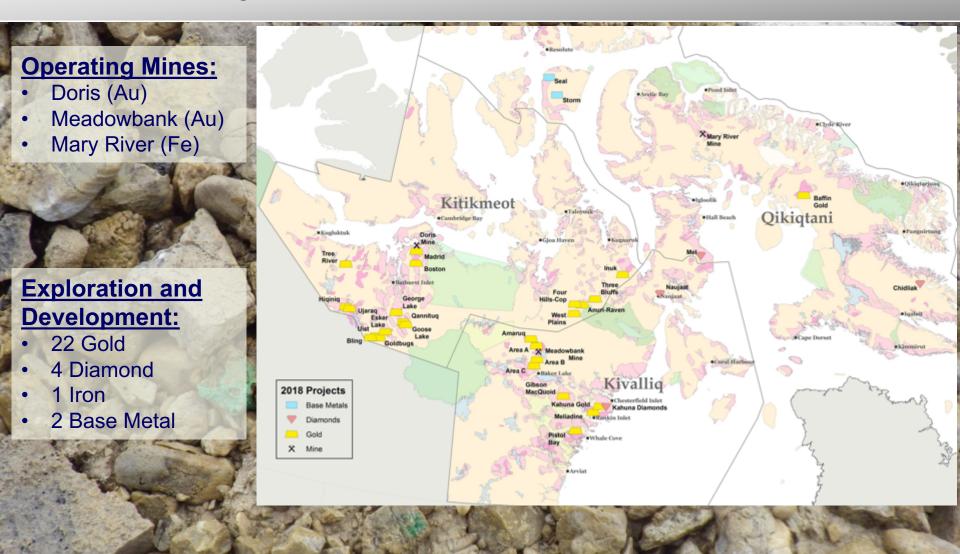
- 5th/83 "Best Practices Mineral Potential Index" mineral potential assuming policies based on "best practices" are in place
- Ranked 7th out of 12 Canadian jurisdictions
- 15th in the world out of 83 jurisdictions assessed





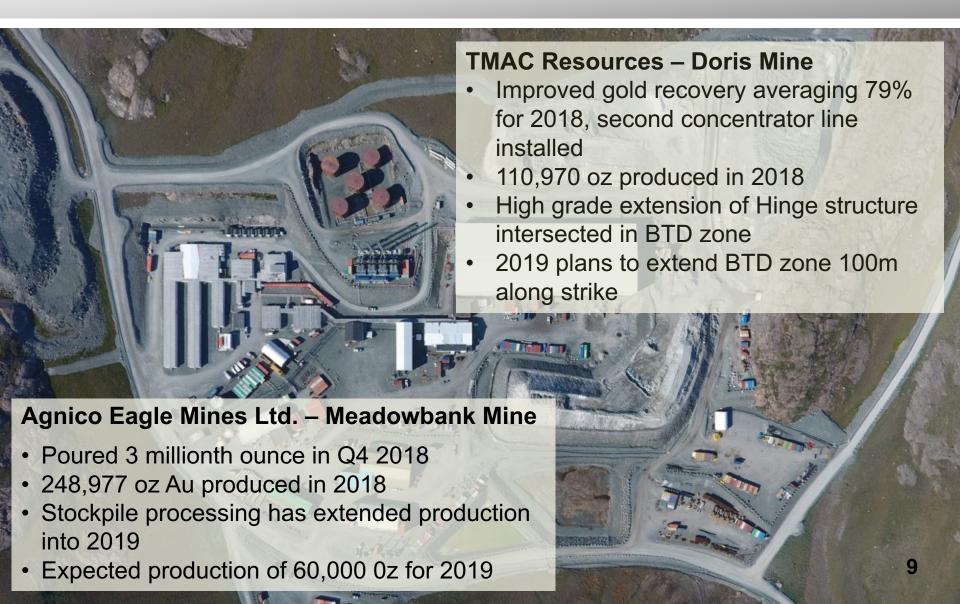


Projects and Mines in Nunavut 2018





Gold Mines





Baffinland Iron Mines – Mary River Iron Mine





Gold Development Projects



Advanced Gold Exploration / Development Projects

Sabina Gold and Silver - Back River

- Received project certificate and Type A & B WL
- · Completed construction of Marine Laydown Area in time to receive sealift
- \$14M budget planned for 2019, including 8,000 m drilling
- Finalized IIBA and long term land tenure agreement with Kitikmeot Inuit Association



TMAC - Boston, Madrid

- Project Certificate received in November, Type A water license in January 2019
- Planned 60,000 m exploration drilling program including winter drilling at Suluk and a near-surface program at Naartok East, late summer drilling at Boston
- 2018 highlights include 11.0 g/t Au/12.5 m and 10.98 g/t Au over 12.5 m with 23.66 g/t over 5.35m, at Naartok East, and 14.4 g/t Au/26.1 m at Naartok West



Gold Exploration Projects

Silver Range Resources - Tree River

- Acquired in 2018
- Pilbara/Witwatersrand-style quartz pebble conglomerate-hosted gold mineralization
- 88 rock samples collected, high grade gold results

- South Kitikmeot Gold

- optioned to Amaroq Gold Corp.,
 Silver Range operator for 2018
- Program of gold-in-till sampling, magnetic and EM surveys planned

- Hard Cash

- Canarc Resources Corp. can earn a 100% interest
- Completed a 970 line-km airborne magnetic and radiometric survey
- Announced its intention to drill the property in 2019



Northquest/Nordgold - Pistol Bay

- Detailed and regional geological mapping, rock chip sampling
- · Infill glacial till sampling
- Re-logging historic drill core





Gold Exploration Projects

Auryn Resources – Committee Bay

- 16 diamond drillholes (4,996m)
- 22 RAB drillholes @ Kalulik and Aiviq
- 13.5 meters of 1.54 g/t gold (Aiviq)
- two separate hydrothermal systems were identified at Kalulik
- Machine learning targeting exercise resulted in 12 new targets



ValOre - Baffin Gold

- 7,038 line-km aeromagnetic survey
- Till (438) and rock (31) samples
- Highlights include samples with 67.9 g/t Au and 46.4 g/t Au in qtz/aspy veins

Western Atlas – Meadowbank

- 1,500 line-km airborne VTEM over 3 blocks
- 35 line-km ground IP surveys on Block B
- Collected 705 grab samples

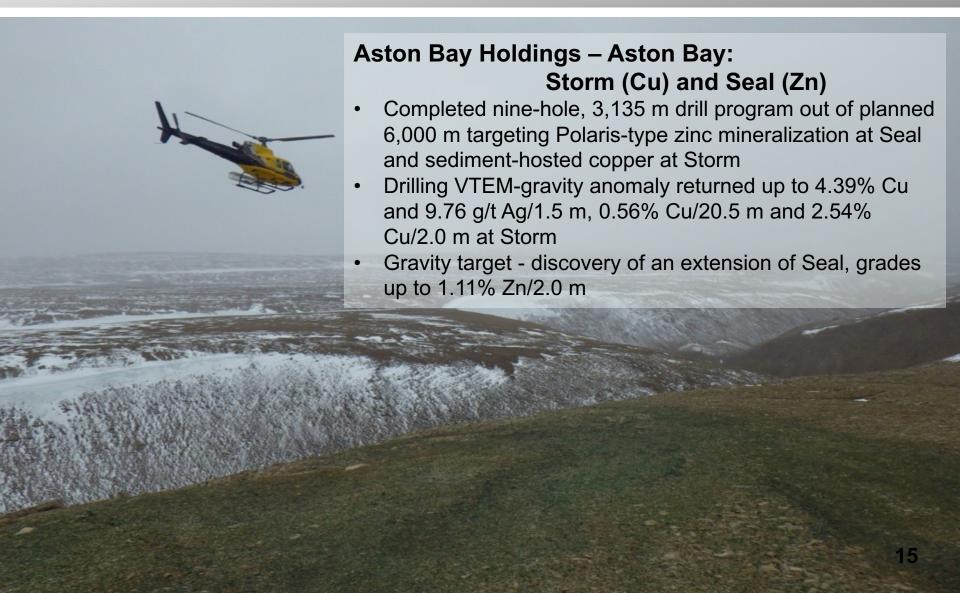
Solstice Gold – Kahuna Gold

- RAB drilling, 69 holes testing 6 targets, in Westeros area
- 1,675 line-km ground magnetic surveys over the North area
- 2,050 till samples, along with property-wide regional geological mapping and rock sampling
- Received permits to complete up to 20,000 m of drilling in 75-100 holes, geophysics, rock and soil sampling





Base Metal Exploration Projects



Diamond Exploration Projects

North Arrow Minerals - Mel

- Drill-tested diamondiferous kimberlite ML8
- Discovered kimberlite ML345
- Collected 447 till samples
- Completed 100 line-km ground magnetic surveys

- Naujaat

Recovered 64.25 carats of diamonds from 2017 mini-bulk sample

Dunnedin Ventures – Kahuna

- 22 targets tested by RAB drilling, five kimberlites intersected
- Discovered kimberlite KH10-11; diamondiferous but low-grade
- Exploration program planned for 2019
- Collected 1,200 till samples from Josephine Target Area
- OhmMapper resistivity and ground EM surveys assisted drilltargeting

De Beers Canada Inc. - Chidliak

- Acquired Peregrine Diamonds Ltd. in September
- Evaluating "FutureSmart" low-footprint mining technologies

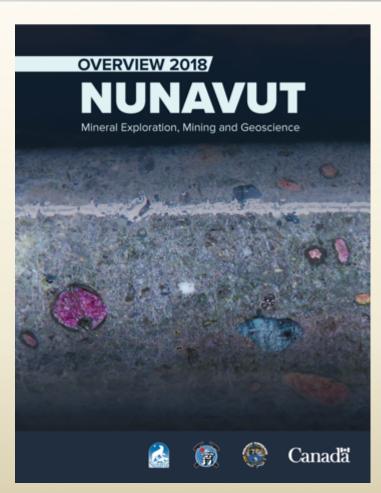


2019 Announced Major Exploration Plans

- TMAC 60,000m drill program and a regional exploration
- Sabina \$14M budget planned for 2019, including 8,000 m drilling
- AEM \$10.8M budgeted for exploration in Nunavut
- Auryn \$1M budget to follow anomalies at Gibson-MacQuoid
- Margaret Lake Diamonds Ground mag survey and diamond drilling (Kiyuk)



Summary



www.nunavutgeoscience.ca

- Three operating mines in Nunavut, one nearing end of production
- Two new mines starting production in 2019
- Advanced projects progressing through regulatory process
- Continued exploration in all three regions
- New discoveries being made



Contact Information

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