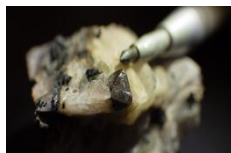


STOCK INFORMATION

Symbol	NBY
Exchange	TSX-V
Market Cap	\$23 M
Recent trading price	\$0.75
Shares outstanding	31 M
High 52 weeks	\$1.25
Low 52 weeks	\$0.05



DIRECTORS & MANAGEMENT

Serge Savard	Chairman of the board
Claude Dufresne	President & CEO
Alain Krushnisky	CFO
Jean-Sébastien David	Director
Raymond Legault	Director
Jacques Bonneau	Director
Jean Rainville	Director

NIOBIUM

- Metal classified as critical and strategic.
- Makes steel stronger, lighter and corrosion resistant.



Pipeline



Structure



Automotive



Stainless Steel



- Only 3 producers in the world.
- Market size: ~US\$3B.
- Key end-users rely 100% on imports.
- Recent M&A transactions show high value-added assets.



2011-2012 : 30% for US\$3.9B



Niobec Mine

2014 : US\$500M ; 5.6 x EBITDA



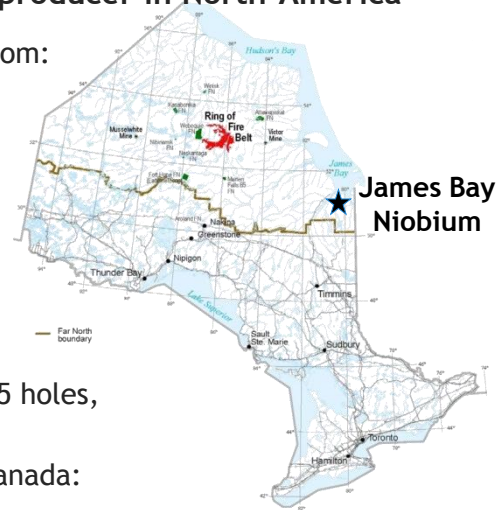
Catalao Mine + Phosphate

2016 : US\$1.5B ; 10.3 x EBITDA

JAMES BAY NIOBIUM PROJECT

■ Niobay Metals aims to become the second Ferro-Niobium producer in North-America

- Acquisition of 100% of the James Bay project in June 2016, from:
 - Barrick Gold, James Bay Columbian and Goldcorp
- Located in the James Bay Lowlands in Ontario, Canada.
 - 110 km North of Detour Gold
 - Less than 40 km from:
 - Town of Moosonee,
 - Rail, winter roads, power station
- Past exploration work:
 - 14,000m of drilling with maximum depth of 275m in 85 holes, on 730 meters length at 61 meters intervals.
- Historical estimate completed in the late 1960s by Bechtel Canada:
 - 62 million tonnes at 0.52% Nb₂O₅.*
- Bulk sample of 250 tonnes extracted for metallurgical testing in pilot plant:
 - High recovery result at 78%.*



■ Short and medium term objectives:

- Develop relations with First Nations.
- Update resource estimate, opex and capex.
- Drilling at depth and tightening of the grid.
- Initiate PEA. Baseline studies.

*Niobay Metals has not yet undertaken the work necessary to verify or classify those historical estimates. Economic studies completed in the 1960s do not mean the James Bay Niobium deposit would be found to be economic today. Niobay Metals is not treating the historical results as a current mineral resource nor as having been verified by a qualified person.

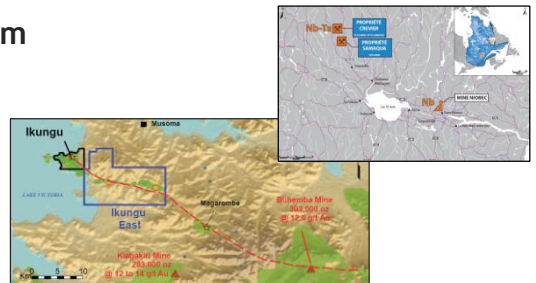
OTHER PROJECTS

■ Crevier Project (Quebec, Canada): Niobium & Tantalum

- Niobay Metals Inc owner at 72.5%.
- 25.4 Mt at 0.20% Nb₂O₅ & 234 ppm Ta₂O₅.

■ Ikungu & Ikungu East (Tanzania, Africa): Gold

- Located in a high-grade auriferous corridor.
- Sale or joint-venture.



FORWARD-LOOKING STATEMENTS

Some of the statements in this fact sheet reflect estimates by Niobay Metals with regard to its future performance and are simply forecasts of its future activities, performance and future results. All statements other than statements of fact are forward looking as they are subject to known and unknown, uncertainties and other factors that could have an impact on the activities and results discussed in this fact sheet. These risk factors are discussed in greater detail in Niobay Metals's most recent Annual Information Form filed on SEDAR.