WHO WE ARE

- TSX-V listed company focused on Niobium.
- Extensive experience in project development and niobium production and markets.
- Major Shareholders:
  - Osisko Gold Royalties: 20%
  - CDPQ/Sodemex: 4%
- Clear road map to responsible development.

STOCK INFORMATION ($CAD)

<table>
<thead>
<tr>
<th>Symbol</th>
<th>NBY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exchange</td>
<td>TSX-V</td>
</tr>
<tr>
<td>Market Cap</td>
<td>$19 M</td>
</tr>
<tr>
<td>Shares Outstanding</td>
<td>52 M</td>
</tr>
<tr>
<td>52-week high</td>
<td>$0.53</td>
</tr>
<tr>
<td>52-week low</td>
<td>$0.15</td>
</tr>
<tr>
<td>Cash (March 2020)</td>
<td>$2.0 M</td>
</tr>
</tbody>
</table>

WHAT IS NIOBIUM?

- Metal classified as a GREEN metal and critical and strategic to the USA and EU.
- Makes steel stronger, lighter, corrosion resistant and reduces GHG.

- Only 3 producers of ferro-niobium in the world.
  - Niobec (Canada) + CBMM & China Moly (Brazil).
- Highly profitable mining operations.
- 90% niobium consumed in high strength steels.
- Demand continues to grow (+15% last 3 years).
- Makes steel GREENER & SAFER!
- Contributes to GHG reduction.
- Highly used in Superalloys (turbines) & great potential in EV battery.
JAMES BAY NIOBium PROJECT

- Located in James Bay Lowlands, Ontario.
  - 40 km from:
    - Town of Moosonee/Moose Factory.
    - Rail, winter roads, electric power.
- 2018 Mineral Resources Estimates (NI43-101)
  - 26 Mt @ 0.53% Nb₂O₅ Indicated
  - 25 Mt @ 0.51% Nb₂O₅ Inferred
  - 51 Mt @ 0.52% Nb₂O₅

(Niobec mine / Quebec: abt +70 Mt @ 0.56% Nb₂O₅)

- Very High Recovery rate @ 78% (SGS pilot plant)
- Protection Agreement - Moose Cree First Nation.
- Drilling Program Completed March 2020
  - High grade extension at about -300m.
- PEA to be completed in Q4 2020.

CREVIER NIOBium / TANTALUM PROJECT // QUEBEC

- Niobium & Tantalum resource.
  - Niobay owner of 72.5% (Niobec Inc 27.5%)
  - 25.4 Mt at 0.20% Nb₂O₅ & 234 ppm Ta₂O₅.
  - 2010 PEA - Metchem

- Strong local & First Nation support.
- 160 km NW of Niobec Mine.
- 2019 - Internal PEA Update.
- 2020 - Lab metallurgical tests underway.
- Demand growth in both Nb oxide & Tantalum.

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 anticipated in this fact sheet. These risk factors are discussed in greater detail in Niobay Metals’s most recent Annual Information Form filed on SEDAR.