CREATING A MAJOR CANADIAN GOLD PROJECT

August 2021
Forward-Looking Statements

This presentation contains forward-looking information and forward-looking statements, collectively “forward-looking statements”. All statements, other than statements of historical fact, that address activities, events or developments that the Company believes, expects or anticipates will or may occur in the future (including, without limitation, statements regarding exploration programs, potential mineralization, future plans and objectives of the Company, updated to the mineral resources, and the timing and results thereof) are forward-looking statements. These forward-looking statements reflect the current expectations or beliefs of the Company based on information currently available to the Company.

Forward-looking statements are subject to a number of risks and uncertainties that may cause the actual results of the Company to differ materially from those discussed in the forward-looking statements, and even if such actual results are realized or substantially realized, there can be no assurance that they will have the expected consequences to, or effects on the Company. Factors that could cause actual results or events to differ materially from current expectations include, among other things, uncertainties relating to the availability and costs of financing needed in the future, changes in commodity prices, changes in equity markets, changes to regulations affecting the Company’s activities, the uncertainties involved in interpreting exploration results and other geological data and the other risks involved in the mineral exploration industry. Such factors include, among others, further steps that might be taken to mitigate the spread of COVID-19; the impact of COVID-19 related disruptions in relation to the Company’s business operations including upon its employees, suppliers, facilities and other stakeholders; uncertainties and risk that have arisen and may arise in relation to travel, and other financial market and social impacts from COVID-19 and responses to COVID-19.

Any forward-looking statement speaks only as of the date on which it is made and, except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any forward-looking statement, whether as a result of new information, future events or results or otherwise. Although the Company believes that the assumptions inherent in the forward-looking statements are reasonable, forward-looking statements are not guarantees of future performance and accordingly undue reliance should not be put on such statements due to the inherent uncertainty therein.

Gary O’Connor, FAusIMM is a qualified person under NI 43-101 and has reviewed and approved the contents of this presentation.
Overview of Moneta

Ontario Focused Gold Explorer in the Timmins Camp

Partnership with O3 Mining

Completed combination of the Golden Highway and Garrison Gold Projects

FLAGSHIP ASSET
“Tower” Gold Project

- Acquisition of O3 Garrison Project
- Gold inventory of 4.0MM ozs indicated & 4.4MM ozs inferred
- 2020 PEA’s on South West & Garrison highlight robust economics

Regional Resource Potential

- One of the largest undeveloped gold projects in North America
- New discoveries in 2020
- Regional Scale Potential
- 70,000 m drill program
Timmins Camp: Excellent Location

Tower Gold Project

- Timmins Gold Camp has produced >85Moz Gold over the last 100 years
- Canada’s most prolific gold producing camp
- Excellent infrastructure (roads, power, mills and local workforce)
- Safe Jurisdiction: Ontario, Canada
- No royalties or encumbrances over majority of resources
- 100% ownership of all resources
- Industry leading: Low carbon footprint
Major Regional Gold Camp

Tower Gold Project

➢ One of only 2 NE dilation jogs on Destor Porcupine Fault Zone ("DPFZ")
➢ 17 km strike length of DPFZ
➢ Major gold centre on eastern extensions of gold camp
➢ Dilational zone on major regional structure
  ➢ Similarities to other major world gold producing camp

Timmins Gold Camp; >85 Moz production

Kalgoorlie Gold Camp; >100 Moz production
Major Gold Project in the Timmins Camp

Top 3 Undeveloped Projects in Canada

Contiguous Land Package

- Significant increase in production profile
- Potential major new gold producing camp
- Significant resource base
- High grade underground and bulk open pit resources
- Re-rate opportunity towards advanced developer
- One of largest land holders in the Timmins
- Excellent potential to expand resources
Tower Gold Project: Geological Setting

Geological Setting
- 17 km of DPFZ
- 4 splays
- NE dilation
- Banded Iron Fm
  - BIF associated
- Timiskaming clastics
  - Dominant host
- Drilled over 8 km
- Extensional veins
- Structural setting
- Distinctive alteration
# Corporate Information

<table>
<thead>
<tr>
<th>Shares Outstanding</th>
<th>553.9 Million</th>
</tr>
</thead>
<tbody>
<tr>
<td>52 Week Range</td>
<td>High: $0.47</td>
</tr>
<tr>
<td></td>
<td>Low: $0.11</td>
</tr>
<tr>
<td>August 03, 2021</td>
<td></td>
</tr>
<tr>
<td>Current Share Price</td>
<td>$0.39</td>
</tr>
<tr>
<td>Options ($0.20)</td>
<td>23.9 Million</td>
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<tr>
<td>Warrants ($0.19)</td>
<td>6.7 Million</td>
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<tr>
<td>Fully Diluted</td>
<td>584.5 Million</td>
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<tr>
<td>Market Capitalization</td>
<td>$216 M</td>
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<table>
<thead>
<tr>
<th>Ownership</th>
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<tbody>
<tr>
<td>O3 Mining</td>
<td>27%</td>
</tr>
<tr>
<td>Insiders</td>
<td>4%</td>
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<tr>
<td>Institutions</td>
<td>37%</td>
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<tr>
<td>Retail</td>
<td>32%</td>
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### Analyst Coverage

<table>
<thead>
<tr>
<th>Analyst</th>
<th>Firm</th>
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<tbody>
<tr>
<td>Don Blyth</td>
<td>Paradigm</td>
</tr>
<tr>
<td>George Topping</td>
<td>IAG</td>
</tr>
<tr>
<td>Kerry Smith</td>
<td>Haywood</td>
</tr>
<tr>
<td>Brock Salier</td>
<td>Sprott</td>
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### Institutional Shareholders

<table>
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<tr>
<th>Shareholder</th>
<th>Shareholder Name</th>
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</thead>
<tbody>
<tr>
<td>Scotia (1832)</td>
<td>Eric Sprott</td>
</tr>
<tr>
<td>Dundee-Goodman</td>
<td>K2</td>
</tr>
<tr>
<td>RBC</td>
<td>Mackenzie</td>
</tr>
</tbody>
</table>

* $22.6MM bought deal financing closed February 2021
Leadership: Management & Directors

Successful Track Record in Exploring, Developing and Producing

Management Team:

Gary O’Connor        CEO
Jason Macintosh     CFO, Corporate Secretary

Board of Directors:

Alex Henry                 Chairman
Krista Muhr                Independent Director
José Vizquerra             Independent Director
Rod Cooper                 Independent Director
Alex Henry                  Independent Director
Blair Zaritsky             Independent Director
Mark Ashcroft             Independent Director
Josef Vejvoda               Independent Director

Team experience includes:

KINROSS
CF
Breakwater Resources Ltd
Eagle Hill Exploration
Freeport-McMoRan Copper & Gold
O3 Mining
European Goldfields
Stonegate Agricom Ltd
Barrick
Gabriel
Osisko Mining
Moneta; Current Resources

Tower Gold Project

- Open pit
  - 0.41 Moz Ind
  - 0.18 Moz Inf
- Underground
  - 0.63 Moz Ind
  - 2.13 Moz Inf
- Open pit
  - 1.10 Moz Ind
  - 1.06 Moz Inf
- Open pit
  - 1.82 Moz Ind
- Highway 101
- Moneta/Kirkland Lake JV
## Mineral Resource Updates: December 2020

### Tower Gold Project: Combined Resources

<table>
<thead>
<tr>
<th>Deposit</th>
<th>Open Pit</th>
<th>Underground</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tonnes (t)</td>
<td>Grade (g/t)</td>
</tr>
<tr>
<td>South West Indicated</td>
<td>4,530,000</td>
<td>4.07</td>
</tr>
<tr>
<td>South West Inferred</td>
<td>40,582,000</td>
<td>0.84</td>
</tr>
<tr>
<td>Windjammer S Indicated</td>
<td>28,956,000</td>
<td>1.10</td>
</tr>
<tr>
<td>Windjammer S Inferred</td>
<td>40,582,000</td>
<td>0.84</td>
</tr>
<tr>
<td>Westaway Indicated</td>
<td>4,367,000</td>
<td>4.71</td>
</tr>
<tr>
<td>55 Indicated</td>
<td>9,896,000</td>
<td>1.30</td>
</tr>
<tr>
<td>55 Inferred</td>
<td>5,079,000</td>
<td>1.10</td>
</tr>
<tr>
<td>Discovery Indicated</td>
<td>141,000</td>
<td>3.49</td>
</tr>
<tr>
<td>Discovery Inferred</td>
<td>658,000</td>
<td>4.00</td>
</tr>
<tr>
<td>Windjammer N Indicated</td>
<td>182,000</td>
<td>3.98</td>
</tr>
<tr>
<td>Windjammer N Inferred</td>
<td>813,000</td>
<td>4.08</td>
</tr>
<tr>
<td>Garrcon Indicated</td>
<td>20,923,000</td>
<td>0.82</td>
</tr>
<tr>
<td>Garrcon Inferred</td>
<td>7,056,000</td>
<td>0.87</td>
</tr>
<tr>
<td>903 Indicated</td>
<td>27,558,000</td>
<td>0.84</td>
</tr>
<tr>
<td>903 Inferred</td>
<td>30,760,000</td>
<td>0.69</td>
</tr>
<tr>
<td>Jonpol Indicated</td>
<td>17,786,000</td>
<td>0.91</td>
</tr>
<tr>
<td>Jonpol Inferred</td>
<td>7,521,000</td>
<td>0.76</td>
</tr>
<tr>
<td><strong>Total Indicated</strong></td>
<td>116,745,000</td>
<td>0.89</td>
</tr>
<tr>
<td><strong>Total Inferred</strong></td>
<td>79,372,000</td>
<td>0.89</td>
</tr>
</tbody>
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*Resource update during 2021, plus new Halfway discovery*
**Value Creation**

- **Production**: Combined project has significant gold production profile (>200,000 oz/pa)

- **Exploration Potential**: Future mine expansions possible by further exploring underground and open pit potential at Tower Gold project

- **Metallurgy**: Ores from combined project are compatible using conventional process flow sheets

- **Capital Costs**: Combined project capital costs will be considerably reduced through realization of project synergies

- **Industrial Facility Footprint**: Significantly expanded project with optionality to improve head grade, lower throughput and reduced capital requirements

- **Increased Funding Potential**: Improved economics and significantly expanded production profile point to significant valuation for large scale gold project

- **Starter pit at Garrison**: containing 1,070,000 oz Au at a grade of 1.04 g/t Au at a strip ratio of 2.7:1

- **Significant increase in indicated resources**: 85%

- **Value Creation**
Expanding Resources: 2021 Drill Program
Tower Gold Project

- **Windjammer South Open Pit**
  - 1.10 Moz Ind
  - 1.03 Moz inf

- **55 Open Pit**
  - 0.41 Moz Ind
  - 0.18 Moz inf

- **Garrcon East-Open pit expansion**

- **Garrison Open Pit**
  - 1.82 Moz Ind
  - 1.06 Moz inf

- **Golden Highway Underground**
  - 0.63 Moz Ind
  - 2.13 Moz inf

- **Halway- Open pit resource drilling**

- **South West-Model shallow resource & connect to WJS**

- **Westaway-Underground resource expansion**

- **2 km**
South West: 2021 Resource Expansion Drilling

2021 Drilling

➢ Resource Expansion
➢ Select significant results
  • 32.00 m @ 1.63 g/t Au incl. 1.00 m @ 7.62 g/t Au
  • 12.00 m @ 1.57 g/t Au incl. 1.05 m @ 5.82 g/t Au
  • 9.10 m @ 2.02 g/t Au incl. 0.70 m @ 9.24 g/t Au
  • 7.64 m @ 2.04 g/t Au incl. 0.95 m @ 8.59 g/t Au
➢ 700 m resource expansion

South West Resource

➢ Shallow near surface mineralization not modelled
➢ Targeting Gap Zone between SW & WJS
  • No historical resource and drilling
➢ Connect open pits
➢ Pit infill drilling (lower strip ratio)
Halfway: 2021 Resource Expansion Drilling

2021 Drilling

- Resource Expansion
- Select significant results
  - 10.00 m @ 2.85 g/t Au incl. 1.00 m @ 16.10 g/t Au
  - 73.00 m @ 0.95 g/t Au incl. 0.85 m @ 11.00 g/t Au
  - 13.56 m @ 0.93 g/t Au incl. 1.00 m @ 7.42 g/t Au
  - 1.00 m @ 13.90 g/t Au
- 1,600 m strike length
- >800 m resource expansion

Historical Drilling

- Resource Expansion
- Select significant results
  - 18.00 m @ 1.84 g/t Au incl. 1.47 m @ 16.86 g/t Au
  - 27.00 m @ 0.61 g/t Au incl. 1.00 m @ 3.46 g/t Au
  - 24.00 m @ 0.57 g/t Au
- >400 m resource expansion
Westaway: 2021 Resource Expansion Drilling

2021 Drilling

- Resource Expansion
- Select significant results
  - 19.30 m @ 3.94 g/t Au
    incl. 1.70 m @ 16.82 g/t Au
  - 8.00 m @ 5.34 g/t Au
    incl. 4.00 m @ 10.01 g/t Au
  - 5.00 m @ 4.78 g/t Au
  - 3.45 m @ 6.86 g/t Au
- 300 m step-outs
- Expansion to depth and west

Historical Drilling

- Resource Expansion
- Select significant results
  - 35.50 m @ 2.96 g/t Au
    incl. 11.70 m @ 5.46 g/t Au
  - 1.60 m @ 14.98 g/t Au
  - 8.00 m @ 4.74 g/t Au
  - 21.00 m @ 2.55 g/t Au including 0.94 m @ 14.60 g/t Au
  - 9.03 m @ 4.75 g/t Au
  - 5.25 m @ 6.30 g/t Au
- >300 m resource expansion
Valuation Upside

Creates a Timmins Gold Camp development company with a significant resource base (3,967,000 ounces Au indicated and 4,399,000 ounces Au inferred)

Consolidates 26,345 ha of prospective ground in an established mining camp

**Total Resources (Moz AuEq)**

- Artemis
- New Moneta
- Sabina
- Osisko Dev't
- Osisko Mining
- Moneta
- Skeena
- Integra
- Corvus
- Marathon
- Fury
- KORE
- Probe
- Battle North

**EV / Resources (US$/oz AuEq)**

- Peer Average: US$77/oz

Source: FactSet
Note: Shown pre-financing.
1/ As of January 13, 2020
Moneta: 2021 Plans and Program

Tower Gold Project

➢ Currently Planned, Underway and Financed
  ➢ Drill program underway: 70,000m
    ➢ Test Westaway underground resource extensions ✓
    ➢ Drill out new Halfway resource discovery ✓
    ➢ Expand South West resource ✓
      ➢ Model existing South West near surface low grade ✓
    ➢ Expand Windjammer South open pit resource
    ➢ Expand Discovery underground resource
    ➢ Infill 55 and Windjammer South Pits ✓
      ➢ Reduce strip and increase ounces (improve economics)
    ➢ Expand starter pit (Garrcon); Open
    ➢ Test Garrison underground resources
    ➢ Expand 55 pit at Golden Highway ✓
    ➢ Connect Windjammer South to South West (Gap) ✓
  ➢ Metallurgical test-work
  ➢ Resource Update
  ➢ Update expanded PEA (enlarged scope) in 2022
  ➢ Upgrade to OTCQX ✓
  ➢ Moneta Gold
  ➢ Share consolidation
Moneta is well positioned and capitalized to advance the development of the combined project and create the next gold mine in Timmins Ontario.
CORPORATE CONTACT

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Email: larmstrong@monetaporcupine.com
Phone: 647-456-9223

monetaporcupine.com