FORWARD LOOKING STATEMENTS

This presentation includes certain “forward-looking information” and “forward-looking statements” (collectively “forward-looking statements”) within the meaning of applicable Canadian and United States securities legislation including the United States Private Securities Litigation Reform Act of 1995. These forward-looking statements are made as of the date of this presentation. Forward-looking statements are frequently, but not always, identified by words such as “expects”, “anticipates”, “believes”, “plans”, “projects”, “intends”, “estimates”, “envisages”, “potential”, “possible”, “strategy”, “goals”, “objectives”, or variations thereof or stating that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved, or the negative of any of these terms and similar expressions.

Forward-looking statements in this presentation relate to future events or future performance and reflect current estimates, predictions, expectations or beliefs regarding future events and include, but are not limited to, statements with respect to: (i) the disposition of any of the Company’s mineral properties or the entering into of any joint venture, option or earn-in agreements with respect to the Company’s properties; (ii) the timing and amount of future exploration and expenditures and the possible results of such exploration; (iii) the estimated amount and grade of mineral resources at the Company’s projects; (iv) the expected benefits of the transaction with First Majestic Silver Corp.; (v) the expected benefits of the transaction with Treasury Metals Inc. (“Treasury Metals”); (vi) the future plans and objectives relating to the combined Goldlund-Goliath gold project, including any work plans of Treasury Metals; (vii) the Company’s plans to distribute a significant portion of the equity consideration from the transaction with Treasury Metals to shareholders of the Company; (viii) timing for the receipt of any milestone-based payments in the transaction with Treasury Metals; (ix) timing for the completion by Auteco Minerals Ltd of the various earn-in stages required to earn up to an 80% interest in the Company’s Pickle Crow gold project; (x) the Springpole PEA representing a viable development option for the Company’s Springpole gold project; (xi) construction of a mine at the Springpole project and related actions, including dewatering activities; (xii) estimates of the capital costs of constructing mine facilities and bringing a mine into production, of sustaining capital and the duration of financing payback periods related to the Springpole project; (xiii) the estimated amount of future production, both produced and metal recovered, from the Springpole project; (xiv) life of mine estimates and estimates of operating costs and total costs, net cash flow, net present value and economic returns from an operating mine constructed at the Springpole project; (xv) the advancement of permitting activities and applications related to the Springpole project; (xvi) the timing to complete a Pre Feasibility Study for the Springpole project and to announce the results of such study; and (xvii) the timing for submitting an Environmental Impact Statement in respect of the Springpole project and all dates that relate to the permitting timeline for the project.

All forward-looking statements are based on First Mining’s or its consultants’ current beliefs as well as various assumptions made by them and information currently available to them.

By their very nature, forward-looking statements involve inherent risks and uncertainties, both general and specific, and risks exist that estimates, forecasts, projections and other forward-looking statements will not be achieved or that assumptions do not reflect future experience. We caution readers not to place undue reliance on these forward-looking statements as a number of important factors could cause the actual outcomes to differ materially from the beliefs, plans, objectives, expectations, anticipations, estimates assumptions and intentions expressed in such forward-looking statements. These risk factors may be generally stated as the risk that the assumptions and estimates expressed above do not occur as forecast, but specifically include, without limitation: (i) the risk that the Company’s business, operations and financial condition may be materially adversely affected by the outbreak of epidemics, pandemics or other health crises, such as COVID-19, and by reactions by government and private actors to such outbreaks; (ii) risks to the health and safety of the Company’s employees and consultants as a result of the outbreak of epidemics, pandemics or other health crises, such as COVID-19, that may result in a slowdown or temporary suspension of operations at some or all of the Company’s mineral properties as well as its head office; (iii) the risk that the Company will not be successful in completing additional acquisitions; (iv) risks relating to the results of exploration activities; (v) risks relating to the ability of the Company to enter into joint venture, earn-in, royalty or streaming structure agreements, or to dispose of its mineral properties; (vi) developments in world metals markets; (vii) risks relating to fluctuations in the spot and forward price of gold, silver, base metals or certain other commodities; (viii) risks relating to fluctuations in the Canadian dollar relative to the US dollar; (ix) the speculative nature of mineral exploration and development; (x) risks and hazards associated with the business of mineral exploration, development and mining (including environmental hazards, industrial accidents, unusual or unexpected formations, pressures, cave-ins and flooding); (xi) availability of necessary financing and any increases in financing costs or adverse changes to the terms of available financing, if any; (xii) changes in regulations applying to the development, operation, and closure of mining operations from what currently exists; (xiii) the effects of competition in the markets in which First Mining operates; (xiv) operational and infrastructure risks; (xv) risks relating to variations in the mineral content within the material identified as mineral resources from that predicted; (xvi) risks relating to the failure to distribute a significant portion of the equity consideration from the transaction with Treasury Metals to the Company’s shareholders; (xvii) increases in estimated capital and operating costs or unanticipated costs with respect to any of the Company’s mineral projects; (xviii) difficulties attracting the necessary workforce; (xix) risks relating to receipt of permits and regulatory approvals; (xx) delays in stakeholder negotiations (including negotiations with Indigenous communities around our material projects); (xxi) tax rates or royalties being greater than assumed; (xxii) changes in development or mining plans due to changes in logistical, technical or other factors; (xxiii) changes in project parameters as plans continue to be refined (xxiv) management’s discretion to alter the Company’s short and long-term business plans; (xxv) the additional risks described in First Mining’s Annual Information Form for the year ended December 31, 2019 filed with the Canadian securities regulatory authorities under the Company’s SEDAR profile at www.sedar.com, and in First Mining’s Annual Report on Form 40-F filed with the SEC on EDGAR.

First Mining cautions that the foregoing list of factors that may affect future results is not exhaustive. When relying on our forward-looking statements to make decisions with respect to First Mining, investors and others should carefully consider the foregoing factors and other uncertainties and potential events. First Mining does not undertake to update any forward-looking statement, whether written or oral, that may be made from time to time by the Company or on our behalf, except as required by law.

Hazel Mullin, P. Geo., Director, Data Management and Technical Services of First Mining Gold Corp., is a “qualified person” for the purposes of National Instrument 43-101 Standards of Disclosure for Mineral Projects ("NI 43-101"), and she has reviewed and approved the scientific and technical disclosure contained in this presentation.

Note: all information presented in Canadian dollars unless otherwise noted; as at November 30, 2020.
FIRST MINING - INVESTMENT HIGHLIGHTS

Gold Developer Focused on Portfolio of Canadian Assets

Advancing Springpole, One of the Largest Undeveloped Open Pit Gold Deposits in Canada
- 4.7 mozs gold at 1.04 g/t in the Indicated resource category
- Pre-Feasibility results in Q1 2021 and permitting in process
- Strategic Funding in place to support project through 2023

Largest Shareholder in Treasury Metals (TSX:TML) which is Advancing Development of Goliath-Goldlund
- District-scale, multi-million ounce gold developer
- Return value to FF shareholders - distribution of a portion of the equity consideration within 12 months of closing

Portfolio of Assets Provides Further Optionality

Trading at a Significant Discount to Peers

Experienced Team in Place to Unlock Value

(1) See slide 25 for further details and disclosure
(2) First Mining ownership represents basic equity ownership of Treasury Metals
CORPORATE OVERVIEW

SUMMARY DETAILS

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shares Issued &amp; Outstanding</td>
<td>694 Million</td>
</tr>
<tr>
<td>Options Outstanding</td>
<td>48 Million</td>
</tr>
<tr>
<td>Warrants Outstanding</td>
<td>93 Million</td>
</tr>
<tr>
<td>Fully Diluted Shares Outstanding</td>
<td>834 Million</td>
</tr>
<tr>
<td>Market Capitalisation</td>
<td>~$271 Million</td>
</tr>
<tr>
<td>Cash-on-Hand</td>
<td>~$32.5 Million</td>
</tr>
<tr>
<td>Marketable Securities</td>
<td>~$14 Million</td>
</tr>
<tr>
<td>Stream Receivable</td>
<td>~$16.2 Million</td>
</tr>
<tr>
<td>Strategic Investments &amp; Partnerships</td>
<td>~$130 Million</td>
</tr>
<tr>
<td>Debt</td>
<td>Nil</td>
</tr>
</tbody>
</table>

Note: Data as at November 30, 2020. Basic market capitalisation shown

(1) Cash-on-Hand as at Sept 30, 2020
(2) Other marketable securities includes shares held for sale, including shares of First Majestic. Excludes shares held in Treasury Metals and Auteco Minerals which are included in the Strategic Investments
(3) Stream receivable: US$12.5 million remaining consideration payable to First Mining in cash and First Majestic shares for sale of 50% silver stream on Springpole. See slide 15 and news release dated June 11, 2020 for further details
(4) Strategic Investments & Partnerships represents the value of Treasury/Goldlund (value of Treasury shares held, market value of Treasury warrants held, estimated value of Goldlund NSR royalty and milestone payments) and the value of Auteco/Pickle Crow (value of Auteco shares held, value of Auteco shares to be issued as consideration for earn-in, cash to be paid as part of earn-in and implied value of First Mining’s remaining 20% interest in the project upon Auteco’s earn-in to 80% of Pickle Crow)

CURRENT OWNERSHIP

MANAGEMENT & DIRECTORS
79% RETAIL
2.8% INSTITUTIONAL
16%

ANALYST COVERAGE

Matthew O'Keefe
Richard Gray
Heiko Ihle
Focus on unlocking potential value of asset portfolio through strategic transactions, while advancing our flagship asset, Springpole, through Pre-Feasibility and permitting.

**Treasury Metals - Advancing Goldlund**

- Shares Held / Basic Ownership: 43 million / 39%
- Market Value of Shares Held: ~$59 million
- Warrants Held / Exercise Price: 11.7 million / $1.50

Treasury Metals acquired First Mining’s Goldlund Gold Project. In addition to the above, consideration includes a 1.5% NSR royalty on Goldlund and $5 million in milestone payments.

**Auteco Minerals - Advancing Pickle Crow**

- Shares Held Post Stage 1 Earn-in: 125 million
- Market Value of Shares: ~$11 million
- Cash Payable Under Earn-in: $4 million
- Implied Value of 20% Interest: ~$34 million

Auteco Minerals Ltd (ASX:AUT) is earning into a potential 80% interest in First Mining’s Pickle Crow Gold Project.

**First Majestic Silver - Springpole Funding**

- Market Value of Shares Held: ~$11 million
- Stream Receivable: ~$16 million

First Mining sold a 50% silver stream on the Springpole Gold Project to First Majestic Silver for total consideration of US$22.5 million.
**ATTRACTIVE RELATIVE VALUATION**

First Mining Gold trades at the low range of its peers, with advanced-stage gold developers typically trading at higher multiples than earlier-stage resource peers.

**Gold Developers’ Average**

= US$56/oz Au (1)

**Advanced Developers’ Average**

= US$79/oz Au (2)

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Note: Data sourced from Capital IQ and public disclosure as at November 30, 2020; First Mining adjusted to reflect sale of Goldlund to Treasury, includes value of marketable securities held and value of stream receivable.

(1) Average of all North American gold developers shown (excluding First Mining)

(2) Average of all North American gold developers shown that have either completed or are in-the-process of completing a Pre-Feasibility or Feasibility study.
First Mining is trading at a discount to its potential value providing for further upside

- Springpole NPV alone accounts for ~5.8x of First Mining’s Market Cap
- Strategic investments and cash value accounts for ~70% of First Mining’s Market Cap

<table>
<thead>
<tr>
<th>First Mining - Market Cap</th>
<th>Cash</th>
<th>Marketable Securities</th>
<th>Silver Stream Receivable</th>
<th>Treasury - Goldlund Value</th>
<th>Auteco - Pickle Crow Value</th>
<th>Strategic Investments &amp; Cash Value</th>
<th>Springpole NPV</th>
<th>Cameroon Resource</th>
<th>Hope Brook Resource</th>
<th>Quebec Assets</th>
<th>Total Illustrative Value Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>$0</td>
<td>$0</td>
<td>$33</td>
<td>$14</td>
<td>$16</td>
<td>$80</td>
<td>$50</td>
<td>$1,600</td>
<td>$70</td>
<td>$70</td>
<td>$100</td>
<td>~$2,010</td>
</tr>
</tbody>
</table>

(1) Cash-on-hand as of Sept 30, 2020
(2) Marketable securities includes shares held for sale including First Majestic shares (excludes Treasury and Auteco)
(3) Stream receivable: US$12.5 million remaining consideration payable to First Mining in cash and First Majestic shares for sale of 50% silver stream on Springpole. See slide 15 and news release dated June 11, 2020 for further details
(4) Treasury - Goldlund Value: market value of shares held, in-the-money value of warrants held, milestone payments, estimated value of NSR royalty held on Goldlund
(5) Auteco - Pickle Crow Value: market value of shares held (125 million shares post stage 1 earn-in), cash payable under earn-in ($4 million) and implied value of 20% project interest retained by First Mining upon Auteco’s full earn-in
(6) NPV of Springpole Project at 5% post-tax discount rate, based on the independent technical report titled “Preliminary Economic Assessment Update for the Springpole Gold Project, Ontario, Canada”, dated November 5, 2019, which was prepared by SRK Consulting (Canada) Inc. in accordance with NI 43-101 and is available at www.sedar.com under First Mining’s SEDAR profile. Readers are cautioned that the PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability
(7) Resources are calculated using total NI 43-101 compliant resources multiplied by C$73/oz (equivalent to US$56/oz, the North American gold developer average and using an exchange rate of 0.772 as at November 30, 2020). Québec assets include Duparquet, Duquesne and Pitt
One of the largest, undeveloped open-pit gold deposits in Canada

- 4,670,000 ounces gold at 1.04 g/t (Indicated) (1)
- Average annual gold production of 410,000 ounces in years 2 through 9 (2)
- Additional silver by-product (1)

Positive Economics, +10 year mine life

- Updated PEA announced October 2019, post-tax NPV5% of US$841 million and IRR of 22% (2)

Pro-Mining Jurisdiction

- Long history of gold production in the area

Pre-Feasibility & Permitting in Process

- Partnership with Ausenco to complete Pre-Feasibility Study in Q1 2021

Existing Infrastructure In Place

- 70-person camp, access to logging road and powerline within 40 km of proposed plant

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(1) See slide 25 for further NI 43-101 Resource details and disclosure
(2) See slide 11 for further details and disclosure regarding the 2019 PEA
Three 5-metre deep coffer dams to be built

- Total coffer dam lengths: 800 metres
- Comprehensive Fish Habitat Study completed, no species at risk were found
**SPRINGPOLE - 2019 PEA SUMMARY**

- Base case scenario contemplates a 36,000 tpd process plant, long-term metal prices of US$1,300/oz gold, US$20/oz silver and a CAD/USD exchange rate of 0.75

<table>
<thead>
<tr>
<th>2019 PEA Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Initial Capital</strong></td>
</tr>
<tr>
<td><strong>Sustaining Capital</strong></td>
</tr>
<tr>
<td><strong>Initial Mine Life</strong></td>
</tr>
<tr>
<td><strong>Avg. Annual Gold Production</strong></td>
</tr>
<tr>
<td><strong>Peak Annual Gold Production</strong></td>
</tr>
<tr>
<td><strong>LOM Gold &amp; Silver Production</strong></td>
</tr>
<tr>
<td><strong>Cash Costs</strong></td>
</tr>
<tr>
<td><strong>All-in-Sustaining Cost (AISC)</strong></td>
</tr>
<tr>
<td><strong>AISC Net of Silver By-Product</strong></td>
</tr>
<tr>
<td><strong>LOM Strip Ratio (waste:ore)</strong></td>
</tr>
<tr>
<td><strong>Gold &amp; Silver Head Grades</strong></td>
</tr>
<tr>
<td><strong>Gold &amp; Silver Recovery</strong></td>
</tr>
</tbody>
</table>

- Key updates in 2019 PEA include:
  - Improvements to gold and silver recoveries (revised process flowsheet)
  - Updated capital and operating costs

Note: The above numbers are from the independent technical report titled “Preliminary Economic Assessment Update for the Springpole Gold Project, Ontario, Canada”, dated November 5, 2019, which was prepared by SRK Consulting (Canada) Inc. in accordance with NI 43-101 and is available at www.sedar.com under First Mining's SEDAR profile. Readers are cautioned that the PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability. The PEA base case scenario contemplates a discount rate of 5%, long-term metal prices of US$1,300/oz Au and US$20/oz Ag and a CAD/USD exchange rate of 0.75.

(1) Average annual gold production in years 2 through 9. Equivalency calculated using PEA base case commodity pricing (same commodity prices used in the 2017 PEA)

(2) Cash costs consist of mining costs, processing costs, mine-level G&A, treatment and refining charges and royalties; AISC consists of cash costs plus sustaining and closure costs. Cash costs and AISC are non-IFRS measures.
Metal recoveries in the updated PEA - 88% gold and 93% silver
- Flotation followed by separate cyanide leaching of both concentrate and flotation tails

Average annual gold production of 410,000 ounces in years 2 through 9
- 22 million ounces of silver produced over the 12-year mine life

(1) The above numbers are from the independent technical report titled “Preliminary Economic Assessment Update for the Springpole Gold Project, Ontario, Canada”, dated November 5, 2019, which was prepared by SRK Consulting (Canada) Inc. in accordance with NI 43-101 and is available at www.sedar.com under First Mining’s SEDAR profile. Readers are cautioned that the PEA is preliminary in nature, it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the PEA will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability.
Springpole is one of the largest undeveloped gold assets in North America

- Producing mines of similar size and scale mostly held by senior gold producers
- Peak production of 529,000 ounces gold in year 5

Note: Information based on Metals Intelligence and company disclosure. Gold production based on average annual production where disclosed, otherwise most recently disclosed guidance or actuals. Springpole production based on 2019 PEA, represents average production for the nine years at full capacity. For more information on the Springpole PEA see slide 11.
Long section through Springpole pit shells – homogenous ore body

Large, defined resource base supports long mine life

<table>
<thead>
<tr>
<th></th>
<th>Gold Resource</th>
<th>Silver Resource</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tonnes</td>
<td>Au Grade (g/t)</td>
</tr>
<tr>
<td>Indicated</td>
<td>139,100,000</td>
<td>1.04</td>
</tr>
<tr>
<td>Inferred</td>
<td>11,400,000</td>
<td>0.63</td>
</tr>
</tbody>
</table>

Note: See slide 25 for further NI 43-101 Resource details and disclosure
STRATEGIC FUNDING IN PLACE TO ADVANCE SPRINGPOLE

- US$22.5 million silver purchase agreement with First Majestic in place to advance the Springpole Gold Project
  - 50% silver stream sold on Springpole to fund project through 2023

- Less dilutive source of funding to advance Springpole through key de-risking phase

- Leaves Springpole substantially unencumbered, all-in sustaining costs remain robust

- Increases strategic relationship with First Majestic to leverage their significant technical and operating expertise for the benefit of Springpole development

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**Facility**

<table>
<thead>
<tr>
<th>Facility</th>
<th>First Majestic has the right to purchase 50% of the payable silver produced from Springpole for the life of the mine</th>
</tr>
</thead>
</table>

**Consideration**

<table>
<thead>
<tr>
<th>Consideration</th>
<th>US$22.5 million, payable in three tranches:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Payment:</td>
<td>US$10.0 million on closing (25% in cash, 75% in First Majestic shares) (Completed July 2, 2020)</td>
</tr>
<tr>
<td>PFS Completion Milestone Payment:</td>
<td>US$7.5 million upon announcement of PFS (50% in cash, 50% in First Majestic shares)</td>
</tr>
<tr>
<td>EA Approval Milestone Payment:</td>
<td>US$5.0 million upon approval of Federal or Provincial EA (50% in cash, 50% in First Majestic shares)</td>
</tr>
</tbody>
</table>

**On-Going Cash Payments**

<table>
<thead>
<tr>
<th>On-Going Cash Payments</th>
<th>First Majestic to pay First Mining 33% of the silver price, subject to a price cap of US$7.50/oz silver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Price cap subject to annual escalation of 2%, commencing on the 3rd year of commercial production</td>
<td></td>
</tr>
</tbody>
</table>

**Buyback**

| Buyback | First Mining will have the right to repurchase 50% of the silver stream for US$22.5 million prior to production start |

**Warrants**

| Warrants | 30 million warrants with an exercise price of $0.40 and a 5-year term |

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Note: See First Mining news release dated June 11, 2020 for further details (available on First Mining's website: https://firstmininggold.com/news)
SPRINGPOLE - PERMITTING TIMELINE

Consultation with Stakeholders

Permitting Process

- Project Description
- EIS Guidelines Received
- Preparation of Terms of Reference (ToR)
- Draft ToR Completed and Submitted to MECP
- Consultation around ToR and Draft ToR
- Submit Final ToR to Provincial Agencies

Approved ToR

- Complete Data Collection for EIS
- Prepare EIS Document

Submit EIS Document

- Federal and Provincial Review of EIS
- EIS Approval
- Other Permits (Procedural) \(^{(1)}\)

Approval for Construction

Technical Advancement

- Updated PEA
- Pre-Feasibility Study
- Feasibility Study
- Detailed Engineering

Note: The timeline set out above is a preliminary estimate only. The Company will provide more definitive timelines as the permitting process progresses; EA - Environmental Assessment; EIS - Environmental Impact Statement

\(^{(1)}\) Includes preparation, application and approval
BROADER GOLD PORTFOLIO

Eastern Canada
First Mining is Treasury’s largest shareholder - 39% basic share ownership

Created a premiere multi-million ounce gold developer, with advanced-stage permits at Goliath

Key Benefits of Transaction:

Unlocks value of Goldlund - ~$78 million

Treasury Metals funded to advance the combined Goliath-Goldlund project - requires no more investment from First Mining

~23.3 million TML share and ~11.7 million warrants to be directly distributed to First Mining shareholders in 2021

Retained exposure - shares, warrants, 1.5% NSR royalty on Goldlund, $5 million of milestone payments

Ongoing Board and Technical Committee representation

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(1) Based on the technical report titled “Updated Mineral Resource Estimate for the Goliath Gold Project, Kenora Mining Division, Northwestern Ontario” with an effective date of July 1, 2019, which was prepared for Treasury Metals by P&E Mining Consultants Inc. in accordance with NI 43-101, and which is available under Treasury Metals’ SEDAR profile at www.sedar.com.

(2) Based on the technical report titled "Technical Report Re-Issue, Goldlund Gold Project, Sioux Lookout, Ontario" with an effective date of July 22, 2020, which was prepared for Treasury Metals by WSP Canada Inc. in accordance with NI 43-101, and which is available under Treasury Metals’ SEDAR profile at www.sedar.com.

(3) Represents the number of TML shares and warrants (on a post-consolidation basis) that First Mining intends to distribute to its shareholders within 12 months of closing the transaction with TML
**Co-Development** opportunity in an **infrastructure-rich** area of northwestern Ontario
  - Potential operating synergies - deposits located only ~25 km apart

**Advanced permitting at Goliath facilitates co-development**
  - Goliath gold project has received **environmental assessment approval** by the Government of Canada

**Strong resource expansion potential** - district scale 330 km² combined land package

**Treasury Metals Work Plan:**

- PEA on potential co-development scenario
- 25,000 metre drill program
- Environmental baseline work at Goldlund and Goliath
- Construction Decision Targeted by 2022
Partnered with Auteco Minerals Ltd (ASX: AUT), who can earn up to an 80% interest in Pickle Crow over five years
• First Mining retains meaningful exposure via project interest, equity exposure and a 2% NSR royalty (1)
• Strong management team with a track record of success (Bellevue Gold, ~A$1.11 billion market cap)

One of Canada’s highest-grade historical gold mines
• Reportedly produced 1.5 million ounces at 16 g/t gold from 1935 until 1966

45,000m drill program underway with two diamond drill rigs active on-site and a third mobilized by year end
• Focused on identifying additional shallow high-grade gold resources near existing resource area

Strong market performance and access to capital
• Auteco’s market cap is currently ~A$143 million
• Well funded with ~A$31 million in cash (2)

Earn-In Details (1)

<table>
<thead>
<tr>
<th>Upfront Consideration</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>• $50,000 cash upon signing term sheet (paid)</td>
<td></td>
</tr>
<tr>
<td>• $50,000 cash, 25 million shares of Auteco on signing of formal agreement</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stage 1 Earn-in (51% earn-in) (3-year period)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• $5 million exploration spend, 100 million AUT shares</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Stage 2 Earn-in (+19% to 70% earn-in) (2-year period)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• $5 million exploration spend, $1 million cash, 2% NSR (with 1% buy-back option for US$2.5 million)</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Buy-In (+10% to 80% earn-in) (anytime post Stage 2)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>• $3 million cash</td>
<td></td>
</tr>
</tbody>
</table>

Additional Terms
• Joint venture created upon completion of Stage 1
• First Mining free carried to a decision to mine

(1) See slide 26 and First Mining news release dated January 27, 2020 for further details (available on First Mining's website: https://firstmininggold.com/news)
(2) Cash position based on Auteco’s disclosure, as of November 17, 2020
FIRST MINING GOLD - OTHER KEY ASSETS

**DUPARQUET, DUQUESNE, PITT**
**QUÉBEC, CANADA**
- Three assets covering 14 km of the Porcupine Destor Fault
- 10% interest in past producing Duparquet (taken to PFS in 2014)

**NI 43-101 RESOURCES**
- **M&I:** 596,196 ozs gold at 2.06 g/t
- **Inferred:** 779,955 ozs gold at 3.61 g/t

**CAMERON GOLD PROJECT**
**ONTARIO, CANADA**
- Infrastructure includes year-round access to site from highway, camp, powerline within 20 km
- 88 km from the Rainy River gold mine

**NI 43-101 RESOURCES**
- **M&I:** 464,000 ozs gold at 2.61 g/t
- **Inferred:** 533,000 ozs gold at 2.54 g/t

**HOPE BROOK GOLD PROJECT**
**NEWFOUNDLAND, CANADA**
- Past producing underground mine
- Infrastructure includes airstrip, roads, wharf, camp, tailings pond
- Connected to grid power

**NI 43-101 RESOURCES**
- **Indicated:** 844,000 ozs gold at 4.77 g/t
- **Inferred:** 110,000 ozs gold at 4.11 g/t

(1) See slide 25 for further details and disclosure
**UNLOCKING VALUE FOR FIRST MINING SHAREHOLDERS**

- Near-term focus on advancing **Springpole** through Pre-Feasibility and permitting
- Pursuing opportunities to surface value from broader asset portfolio

<table>
<thead>
<tr>
<th><strong>SPRINGPOLE</strong></th>
<th>Silver stream with First Majestic funds project through 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Partnered with Ausenco to complete Pre-Feasibility in Q1 2021</td>
</tr>
<tr>
<td></td>
<td>Advance permitting, targeting submission of EIS in H1 2021</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>GOLDLUND + GOLIATH</strong></th>
<th>TML to define economics on a potential Goliath-Goldlund scenario</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Being Advanced by Treasury Metals</strong></td>
<td>25,000 metre drill program by TML focused on resource growth</td>
</tr>
<tr>
<td><strong>First Mining a 39% shareholder</strong></td>
<td>Distribute a portion of equity consideration within 12 months</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PORTFOLIO ASSETS</strong></th>
<th>Partnership with Auteco Minerals on the Pickle Crow Project</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pursue opportunities to surface value of broader portfolio</td>
</tr>
</tbody>
</table>

*(1) First Mining ownership represents basic equity ownership of Treasury Metals*
Key Takeaways - Why Now

- Advancing Springpole - Asset with Size and Scale
- Unlocking the Value of our Multi-Asset Portfolio
- Assets Located in Canada, a Top Mining Jurisdiction
- Trading at a Significant Discount to Peers
- Experienced Team in Place to Surface Value
ADDITIONAL INFORMATION
# FIRST MINING GOLD - RESOURCE PORTFOLIO

<table>
<thead>
<tr>
<th>Project</th>
<th>Measured &amp; Indicated</th>
<th>Inferred</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Tonnes</td>
<td>Au Grade (g/t)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Springpole (1)(2)</td>
<td>139,100,000</td>
<td>1.04</td>
</tr>
<tr>
<td>Springpole - Silver (1)(2)</td>
<td>5.40 (Ag)</td>
<td>24,190,000 (Ag)</td>
</tr>
<tr>
<td>Cameron (3)</td>
<td>5,530,000</td>
<td>2.61</td>
</tr>
<tr>
<td>Pickle Crow (4)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hope Brook</td>
<td>5,500,000</td>
<td>4.77</td>
</tr>
<tr>
<td>Duparquet (5)</td>
<td>7,140,540</td>
<td>1.73</td>
</tr>
<tr>
<td>Duquesne</td>
<td>1,859,200</td>
<td>3.33</td>
</tr>
<tr>
<td>Pitt</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>159,129,740</strong></td>
<td><strong>1.28</strong></td>
</tr>
</tbody>
</table>

**Note:** Table based on NI 43-101 technical reports filed on SEDAR by First Mining Gold Corp. and Clifton Star Resources Inc. Further details available at: [https://firstmininggold.com/projects/mineral-resources/](https://firstmininggold.com/projects/mineral-resources/)

(1) Open pit mineral resources are reported at a cut-off grade of 0.4 g/t Au. Cut-off grades are based on a gold price of US$1,400/oz and a gold processing recovery of 80% and a silver price of US$15/oz and a silver processing recovery of 60%. The estimated life of mine strip ratio for the resource estimate is 2.1.

(2) Silver (Ag) resource shown on separate line with grade representing g/t Ag, and contained ounces representing Ag.

(3) Measured resources comprised of 2,670,000 tonnes of pit-constrained (0.55 g/t Au cut-off) Measured resources at 2.66 g/t Au, and 690,000 tonnes of underground (2.00 g/t Au cut-off) Measured resources at 3.09 g/t Au. Indicated resources comprised of 820,000 tonnes of pit-constrained (0.55 g/t Au cut-off) Indicated resources at 1.74 g/t Au, and 1,350,000 tonnes of underground (2.00 g/t Au cut-off) Indicated resources at 2.08 g/t Au. Inferred resources comprised of 35,000 tonnes of pit-constrained (0.55 g/t Au cut-off) Inferred resources at 2.45 g/t Au, and 6,500,000 tonnes of underground (2.00 g/t Au cut-off) Inferred resources at 2.54 g/t Au.

(4) Comprises 1,887,000 tonnes of pit-constrained (0.50 g/t Au cut-off) Inferred resources at 1.3 g/t Au, and 7,565,000 tonnes of underground Inferred resources that consist of: (i) a bulk tonnage, long-hole stoping component (2.00 g/t Au cut-off), and (ii) a high-grade cut-and-fill component (2.6 g/t Au cut-off) over a minimum width of 1 m.

(5) The Company owns 100% of the Central Duparquet Property, and a 10% indirect interest in the Duparquet Gold Project. The Measured, Indicated, and Inferred mineral resources for Duparquet shown in the above table reflect both of these ownership interests.
Partnered with Auteco Minerals Ltd (ASX: AUT)
• Earning up to an 80% interest over five years

Pickle Crow to benefit from modern exploration techniques and a new geological review

First Mining to retain meaningful exposure by:
• 20% project interest, carried to a decision to mine
• Equity exposure to Auteco
• 2% NSR royalty (1% can be bought back for US$2.5 million)

Auteco Minerals
• Highly skilled management team with a track record of discovery success
• Same key individuals that advanced Bellevue Gold Ltd (ASX: BGL)
  • Bellevue had strong market success on the back of advancing the historic Bellevue Gold Mine in Western Australia (past-producing mine in historic high-grade gold district)

<table>
<thead>
<tr>
<th>Earn-In Details (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Upfront Consideration</strong> (on signing &amp; execution of formal agreement)</td>
</tr>
<tr>
<td>• $50,000 cash upon signing term sheet (paid)</td>
</tr>
<tr>
<td>• $50,000 cash, 25 million shares of Auteco on signing of formal agreement</td>
</tr>
<tr>
<td><strong>Stage 1 Earn-in</strong> (51% earn-in) (three-year period)</td>
</tr>
<tr>
<td>• $5 million in exploration spend, 100 million shares of Auteco</td>
</tr>
<tr>
<td><strong>Stage 2 Earn-in</strong> (+19% to earn-in to 70%) (two-year period)</td>
</tr>
<tr>
<td>• $5 million in exploration spend, $1 million cash, 2% NSR (with 1% buy-back option for US$2.5 million)</td>
</tr>
<tr>
<td><strong>Buy-In</strong> (+10% to earn-in to 80%) (anytime post stage 2 earn-in)</td>
</tr>
<tr>
<td>• $3 million cash</td>
</tr>
</tbody>
</table>

Additional Terms
• Joint venture created upon completion of stage 1 earn-in
• First Mining free carried to a decision to mine

(1) See First Mining news releases dated January 27, 2020 for further details (available on First Mining’s website: https://firstmininggold.com/news)
Mr. Neumeyer has worked in the investment community since 1984. He has an unparalleled track record which includes creating two world-class mining companies: First Quantum Minerals Ltd. which has now grown into one of the world’s largest copper producers, and First Majestic Silver Corp. which is one of the largest silver producers in the world.

Dan Wilton has 25 years of experience in M&A, corporate finance and principal investing in the mining sector. He was most recently a Partner at Pacific Road Capital Management, a mining-focused private equity investment firm with approximately $800 million under management. His prior role includes Managing Director and Head of the Global Mining and Metals Group at National Bank Financial Inc.

Ray has more than 30 years of public accounting and corporate finance experience in the Canadian and U.S. financial markets and has served as CFO for First Majestic Silver since February 2007. Prior to his current role, he was CFO for six years with a number of publicly traded high technology companies and served several years as the Director of Finance for Rescan Environmental.

Richard is a veteran mining executive with more than 30 years of experience in project management, development and operations for major mining companies including Rio Tinto, Western Potash, DeBeers and Anglo American. Richard is currently serving as the Senior Vice President and Project Director for the NorthMet mining project in Minnesota being developed by PolyMet Mining Corp.

Prior to joining Des Nedhe in 2019 as CEO of Creative Fire, Leanne was the National Leader of the Deloitte Indigenous practice, serving over 275 Indigenous communities across Canada. Her experience in business leadership and ability to build relationships between corporate partners and Indigenous business are integral to growth for our clients and our company. She has served as a director for the Canadian Council for Aboriginal Business and is a member of the Board of Governors for Wilfrid Laurier University and is a WXN Top 100 Most Powerful Women in Canada Award Winner.
**MANAGEMENT TEAM**

**Dan Wilton**  
CEO & Director

Dan Wilton has 25 years of experience in M&A, corporate finance and principal investing in the mining sector. He was most recently a Partner at Pacific Road Capital Management, a mining-focused private equity investment firm with approximately $800 million under management. His prior role includes Managing Director and Head of the Global Mining and Metals Group at National Bank Financial Inc.

**Andy Marshall**  
CFO

Andy Marshall is a CA and CFA with over 15 years of public company accounting, finance and corporate governance experience. He joined First Mining in June 2015 and assisted in building the company’s gold portfolio during its period of growth when it acquired eight companies in just over one year. He began his career in public company auditing and assurance with PricewaterhouseCoopers LLP.

**Ken Engquist**  
COO

Ken has over 25 years of engineering and project leadership experience, including overseeing the advancement of assets through development. Most recently, he oversaw development of Tinka’s Ayawilca project in Peru, and the feasibility engineering study for Arizona Mining’s Hermosa Zinc project in the US. He has also held positions with Nevsun, Oxygen Capital, AngloGold Ashanti and Rio Tinto.

**Steve Lines**  
VP, Environment & Community Relations

Steve has over 19 years of professional practice in environmental assessment, permitting, Indigenous and community affairs on major mining projects. Most recently he led the Hardrock Gold Project Environment Assessment for Greenstone Gold Mines successfully obtaining approvals and permits from the federal and provincial governments and working in partnership with Indigenous communities to implement benefit agreements. Steve has also held positions with De Beers, Fortune Minerals and Lupin Mines.

**Samir Patel**  
General Counsel & Corporate Secretary

Samir is a securities lawyer with over 11 years of experience in securities and corporate law, particularly in relation to M&A transactions, continuous disclosure requirements, corporate governance and equity financings. Prior to joining First Mining, he was Corporate Counsel & Corporate Secretary of Wellgreen Platinum Ltd. He also practiced securities law for four years at Borden Ladner Gervais LLP.

**Richard Huang**  
VP, Corporate Dev.

Richard has over 10 years of corporate finance, M&A and capital markets experience in the mining and resource sector, and has extensive experience providing strategic advice to large, mid and small cap mining clients on executing M&A and capital raising transactions. His previous experience includes mining sector coverage in the investment banking group at National Bank and equity capital markets group at Scotiabank. He holds a Bachelor of Business Administration (Distinction) from the Schulich School of Business at York University in Toronto.

**Spiros Cacos**  
VP, Investor Relations

Spiros has 20 years of investor relations experience working with public mining companies, ranging from early-stage exploration and development to production. His prior roles include VP, IR for Group Eleven Resources, Director of IR for Great Panther Mining and Corporate Development and Communications Director for International Enexco.

**Hazel Mullin**  
Director, Data Mgmt & Technical Services

Hazel is a registered professional geoscientist with over 20 years of experience in the mining sector. She has worked on exploration projects in Europe, Australia, Africa, and most recently across North America. Ms. Mullin joined First Mining in 2016, prior to which she ran her own geological consulting firm. She has also held positions at Gold Fields, the British Geological Survey and ACA Howe International Ltd.