

## **Investor Presentation**

November 2018



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This presentation contains projections and forward-looking information that involve various risks and uncertainties regarding future events. Such forward-looking information can include without limitation statements based on current expectations involving a number of risks and uncertainties and are not guarantees of future performance of the Corporation. These risks and uncertainties could cause actual results and the Corporation's plans and objectives to differ materially from those expressed in the forward-looking information. Actual results and future events could differ materially from anticipated in such information. These and all subsequent written and oral forward-looking information are based on estimates and opinions of management on the dates they are made and expressly qualified in their entirety by this notice. The Corporation contains projections and forward-looking information that involve various risks and uncertainties regarding future events. Such forward-looking information can include without limitation statement's estimates or opinions change. This presentation contains projections and forward-looking information that involve various risks and uncertainties regarding future events. Such forward-looking information can include without limitation statements based on current expectations involving a number of risks and uncertainties and are not guarantees of future performance of the Corporation. These risks and uncertainties could cause actual results and the Corporation's plans and objectives to differ materially from those expressed in the forward-looking information. Actual results and future events could differ materially from anticipated in such information. These and all subsequent written and oral forward-looking information are based on estimates and opinions of management on the dates they are made and expressly qualified in their entirely by this notice. The Corporation's plans and objectives to differ materially from those expressed in the forward-looking information. Actual results

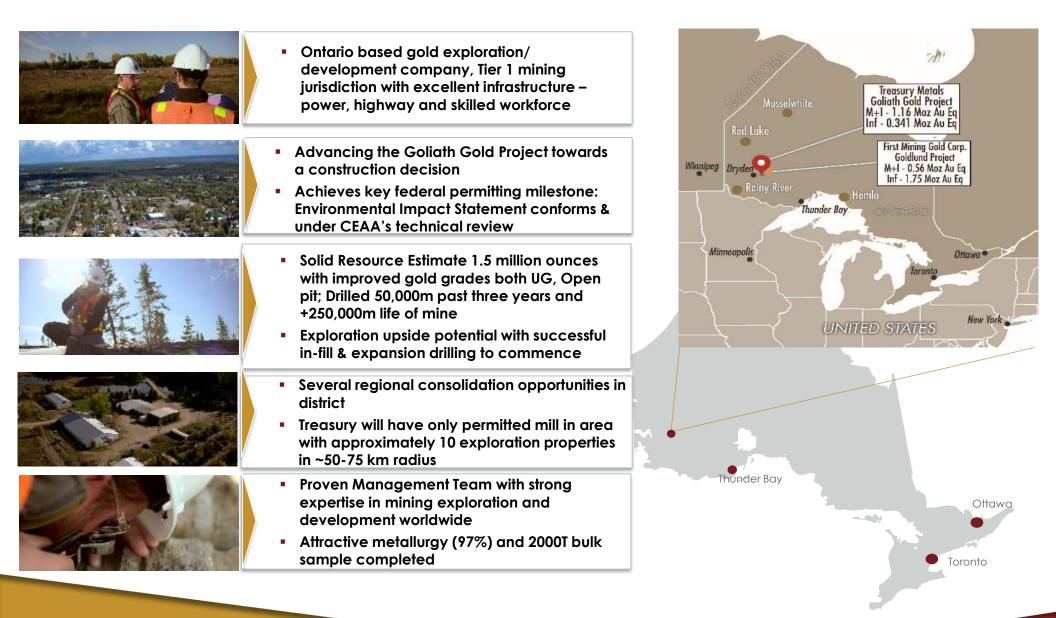
The preliminary economic assessment is preliminary in nature and includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the preliminary economic assessment will be realized. Mineral resources that are not mineral reserves do not have demonstrated economic viability.

The 3D mine operation renderings within this presentation are for illustrative purposes. Images by Cicada Design Inc. were created for Treasury Metals Inc. and are based on design elements from Goliath Gold Project technical studies.

Technical information in this presentation has been reviewed and approved by Mark Wheeler, P. Eng., and Adam Larsen, P. Geo, who are both Qualified Persons for the Goliath Gold Project under the definitions established by National Instrument 43-101.



## Treasury Metals – Premier Ontario Gold Developer





## Northwestern Ontario Regional Map - Productive Greenstone Belts

### Treasury's Three Projects in Ontario:

#### 1. Goliath Gold

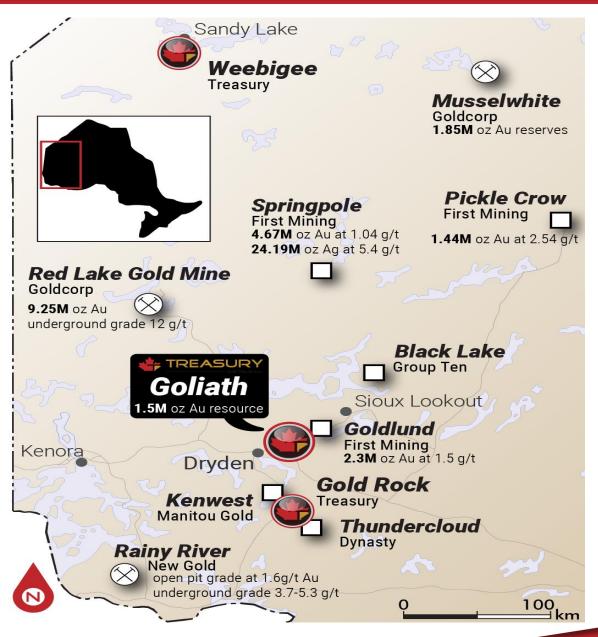
- Gold project (50 km<sup>2</sup>) with M&I resource of 1.229mm oz at 2.36 g/t AuEq and Inferred at 0.226mm ozs at 3.51 g/t AuEq.
- Active diamond drilling and field exploration, permitting toward stated goal of completing feasibility study and mine permits
- Land package consolidated after bulk sample by Teck on portion of property in 1998

#### 2. Weebigee Gold

- Relatively unexplored property in Sandy Lake greenstone belt similar to geology in Red Lake District featuring gold deposits Red Lake and Musslewhite; Attractive near surface gold intersections in 2,200 m shallow drill program
- Earn-in option agreement between GPM Metals Inc. and Sandy Lake Gold Inc.

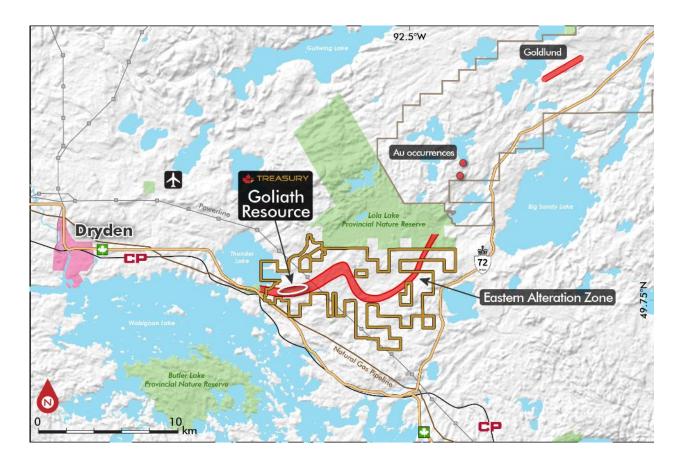
### 3. Gold Rock Gold

 100% owned TML project near Goliath Gold Project; Two properties (21 claims): Gold Rock and Thunder Cloud



### **Existing Infrastructure**

- Regional Hub City of Dryden
  - Population of 10,000
- Local skilled workforce
- Hydro One
- Natural Gas
- Trans-Canada Highway
- CP Rail
- Will be only permitted mill
- Property size is 50 km<sup>2</sup>





#### Management and Technical Team

#### Greg Ferron | Interim CEO

- 15 years of capital markets experience in mine finance, business development and investor relations within the financial service and resources sectors
- Instrumental in Treasury's transition to a development stage mining company and involved with raising capital for company project mineral development

### Dennis Gibson CPA | CFO

- Over 30 years experience in senior financial positions
- Additionally, CFO of Laramide Resources

#### Mark Wheeler P.Eng, MBA | Director, Projects

- Prior to Treasury Metals, Mark served as projects engineer with Teck Resources at the Quebrada Blanca open-pit mine
- Experience also covers large-scale gold projects including the Williams underground mine, located in Ontario, Canada, where he was production supervisor

### Adam Larsen, P.Geo | Senior Project Geologist

• Experience includes a variety of projects in Canada including more than eight years at the Goliath Gold Project. Adam also has underground experience at Goldcorp Inc.'s Musselwhite Mine.



Management and Investors at the Goliath Gold Project

### **Board of Directors**

Marc Henderson, CFA | Chairman

Bill Fisher | Lead Director

Doug Bache | Independent Director

Flora Wood | Independent Director

Christophe Vereecke | Independent Director



## Capital Markets Snapshot

### TSX: TML | OTCQX: TSRMF | FSE: TRC

TREASL

METALS Inc.

| Share Capitaliz                                  | ation             |
|--|-------------------|
| Share Price (August 1, 2018)                     | C\$0.30 /share    |
| 52 Week High / Low                               | C\$0.77 / C\$0.35 |
| Shares Outstanding                               | 136,741,260       |
| Warrants (average price \$0.74)                  | 28,172,051        |
| Convertible Debentures<br>(average price \$0.67) | 7,783,000         |
| Options (average price \$0.61)                   | 4,000,933         |
| Fully Diluted                                    | 176,697,244       |
| Market Capitalization                            | C\$40M            |
| Cash Position                                    | C\$3.0M           |
|  |                   |



## TML Chart Compared With GDXJ





### 2017 PEA Summary

#### Robust economics with low costs and attractive grades

| Production Metrics              |         | Goliath                    |
|---------------------------------|---------|----------------------------|
| Total ore processed             | Mt      | 9.8 (OP 3.2 & UG 6.6       |
| Average Head Gold<br>Grade      | g/t     | 3.81 (OP 1.6, UG 4.9)      |
| Mill Feed Production<br>Rate    | tpd     | 2,500                      |
| LOM Gold Produced               | oz      | 1,142,000                  |
| Gold recovery (CIL)             | %       | 95.5%                      |
| Average Annual<br>Production    | oz/yr   | 87,850 Au<br>(90,000 AuEq) |
| Mine Life                       | yrs     | 13                         |
| Peak Production                 | oz/yr   | 111,800 (year 6)           |
| Initial Capital<br>Expenditures | C\$M    | C\$133                     |
| Cash Costs                      | US\$/oz | US\$525                    |
| AISC                            | US\$/oz | US\$611                    |
| NPV at US\$1,250/oz             | C\$M    | C\$306                     |
| IRR at US\$1,250/oz             | %       | 25%                        |

#### **Undervalued Relative to Peers**









# **Project Details**

3D mine operation renderings are for illustrative purposes. Images by Cicada Design Inc. are based on design elements from Goliath Gold Project technical studies.



TSX:TML

## Status of Federal Permitting

#### Dryden, Ontario - A Solid Resource Base



- Close proximity to Winnipeg, Thunder Bay, and northern U.S. (Minneapolis)
- Large pool of available skilled workers
- Transportation hub with its own airport, and on the Trans-Canada Highway
- District's operating gold mines are Goldcorp's Red Lake and Musselwhite, Barrick's Hemlo, (and, New Gold's Rainy River)
- Treasury Metals will have the only mill permitted in the area (out of Rainy River and Red Lake)

#### **Mine Permit Process**



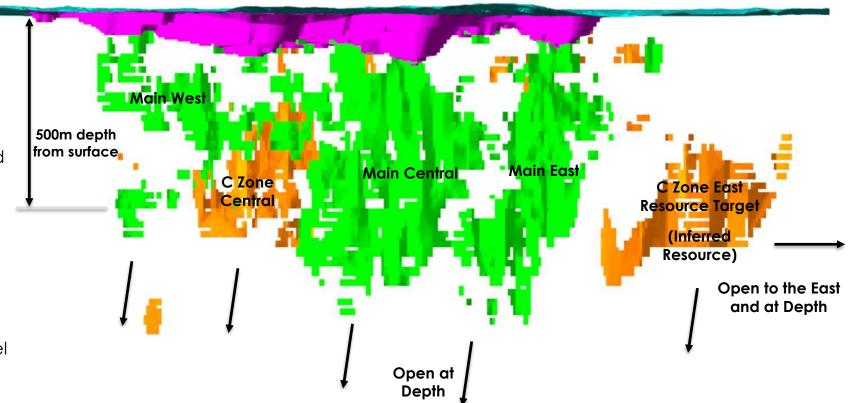
- Canadian Environmental Assessment Agency ("CEAA") process started in 2015 with submission of Environmental Impact Statement ("EIS")
- EIS conforms and meets completeness requirement and Technical Review Commenced May 2018
- Indigenous and local communities information sessions
  occurred in 2015 and summer of 2018
  - Signed Métis Nation of Ontario MOU in December 2017
- Technical review Information Requests (IR) from these meetings were submitted September 2017; IR's 2 will be submitted in November 2018



## Conceptual Open Pit and Underground Outline

## 1,500 metres of strike length

- 1.5 M ounces deposit
- Main Zone and C Zone are the two principal zones of mineralization
- Main Zone and C Zone shoots are open at depth and there are potential new shoots in the Main and C Zone open along strike
- Zones strike eastwest and dip 70° -80° to the southsoutheast
- C Zone runs parallel to the Main Zone approx. 40 metres into the footwall





## Exploration Strategy: Goliath Objectives

### 1) Completed new resource estimate in October 2018

- Based on 41,500 metres (21,000 metres of drilling in 2018, 8,500 m in 2017 and 12,000 m in 2016)
- Primarily infill focused drilling confirming status of Measured and Indicated Resource
- Improved grades of 10% in both UG and open pit.
- Smaller resource pit, lower strip (4:1), Pit depth re-distributed resources from open pit to underground resources
- Overall increased confidence and larger MI underground resources
- We are looking at various cut-offs demonstrating a sizeable resource at ~6 7 g/t (UG)
- New inferred resources (~75koz) in the East Resource Target new UG shoot

### 2) Growth of Inferred resource (targeting 2Moz total resource)

- Primarily focused on Main Zone at Depth; drill at depth where existing 6 7 g/t resource exists
- Developing C Zone shoot is secondary priority (two key areas of focus)
- IP program underway
- Would deliver an attractive mine schedule for a feasibility study

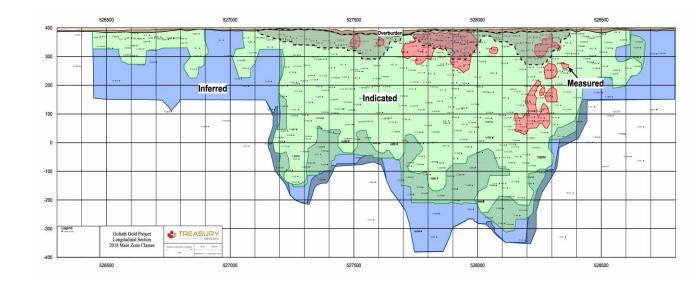
### 3) Regional Potential

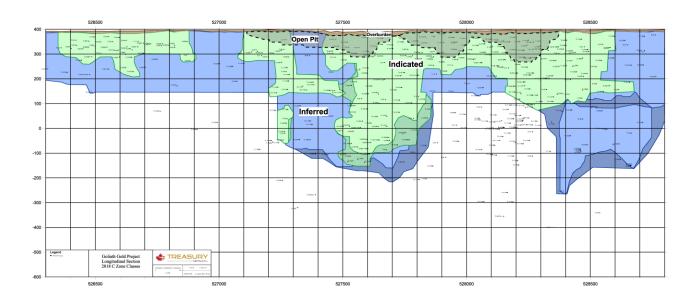
- Along strike to North East including East Resource Target
- New resource area in Far East area
- Nose Fold Area
- Large soil sample program underway since spring and will wrap before winter



## New 2018 Resource Classification in Main Zone and C Zone

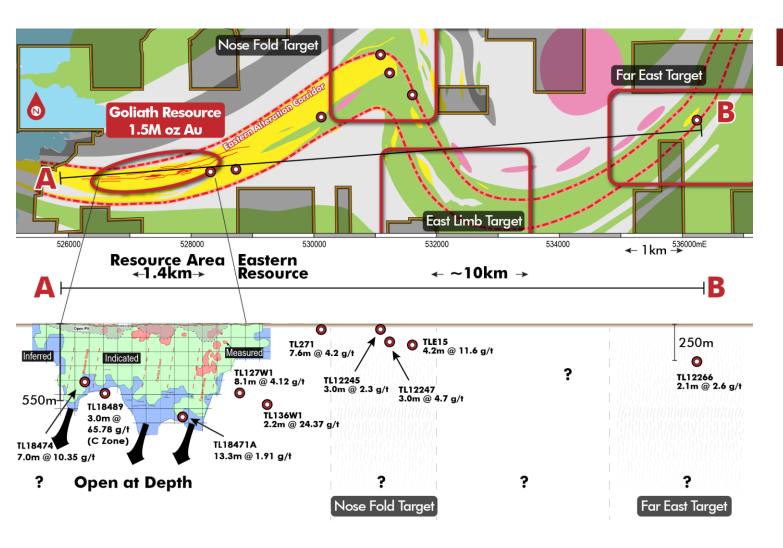
- Successful in converting Inferred into Indicated resources
  - Conversion success focused along lower extent of shoots
  - Shaded green is the expanded M+I
  - Light blue represents Inferred and shaded blue is new extended Inferred
- Changes in block grade and localized geological interpretation
- Change in assumptions
  - Higher COG, lower gold pricing
  - More conservative pit shell







## Goliath Property – Significant Exploration Potential Along Strike



#### Goliath Gold Deposit – 1.5Moz

- ~10km of largely unexplored strike length
- Same rock type with similar mineralization style at eastern end of property
- Highly prospective regional fold nose structure with deformed iron formation

### 2018 results include:

- 3.81 g/t Au over 13m in Main
- 238 g/t over 1 M in East Resource Target
- 65 g/t Au over and 921 g/t Ag over 3 m in the C Zone

- Updating model to reflect new drill data and new 2018 NI 43-101 resource estimate
- Re-evaluate the resource model using a higher cut-off of 3.0 g/t and focused on optimizing the Goliath Resource economic potential.
- Looking at impact of new inferred resources and shoot in C Zone East Resource and the potential development costs to access C Zone central shoot in footwall which may have positive impact on Feasibility Study
- Open pit mining limited mine schedule is complete and strip reduced 4:1. The open pit has limited exploration upside compared with Underground and along strike.
- Minor changes in thickness in some locations due to lower cut-off grades
- Underground mining optimization focus
  - Mining method/sequence
  - Production schedule
  - Mining equipment/utilization
- Process plant & tailings storage facility
  - Water treatment based on reverse osmosis
- Contract mining for the open pit



## Short-term Focus and Value Catalysts for Goliath



| Exp | loration | Permitti | na & Ac | lvancement |  |
|-----|----------|----------|---------|------------|--|
|     | ioranon, |          | ig a Ac |            |  |

- Infill and upgrade drill program Completed
- New Resource Estimate 2018 Completed
- Environmental Impact Statement (EIS) Approved by CCEA/conforms – Completed
- Optimize Engineering and Economic Study ongoing

#### Key Items to Complete:

- IR 2 Federal EA Submission November
- EIS acceptance December
- MOU with First Nations
- Analyze regional opportunities



#### Exploration, Feasibility & Permitting

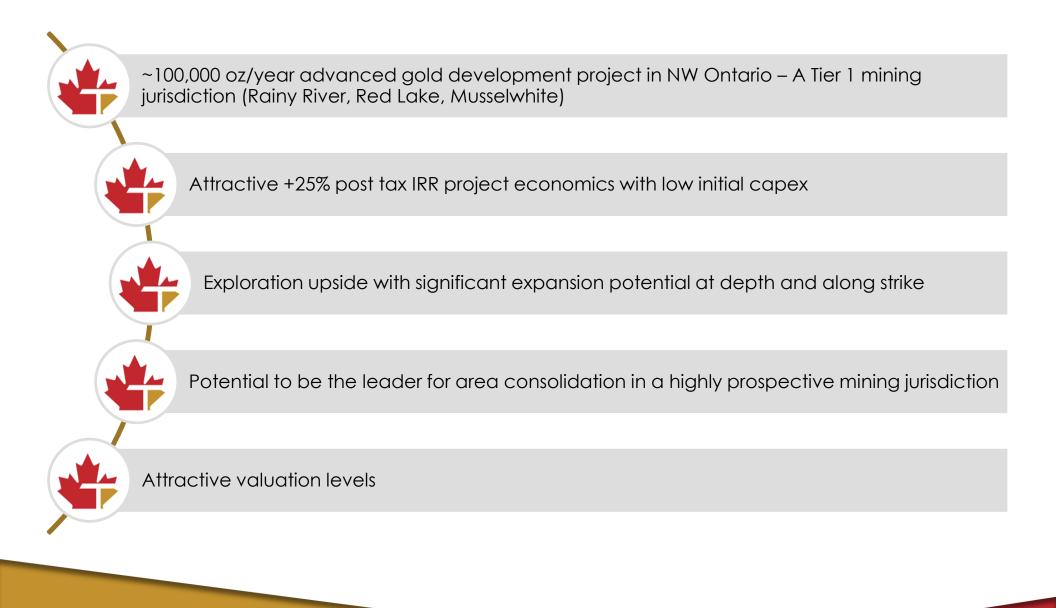
- Drill downdip/Expansion Program
- Infill Drill Program ahead of FS
- Federal Permitting Complete
- Feasibility Study/New Resource
  Estimate
- Provincial (Individual Class) Permits
  Commenced

- Analyze Strategic Options
- Project Financing Alternatives

**Corporate Options** 

Construction and
 Production

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## Contact Information

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# Appendix



TSX:TML

|                 | Classification | Block Cut-off AuEq<br>g/t | Tonnes     | Au<br>(g/t) | Contained Au<br>(ounces) | Ag (g/t) | Contained Ag<br>(ounces) | AuEq<br>(g/t) | Contained AuEq<br>(ounces) |
|-----------------|----------------|---------------------------|------------|-------------|--------------------------|----------|--------------------------|---------------|----------------------------|
| Pit Constrained | Measured       | 0.40                      | 762,000    | 1.91        | 46,700                   | 8.9      | 217,000                  | 1.99          | 48,700                     |
|                 | Indicated      | 0.40                      | 11,849,000 | 1.37        | 522,400                  | 5.5      | 2,083,000                | 1.42          | 541,000                    |
|                 | M+I            | 0.40                      | 12,611,000 | 1.40        | 569,100                  | 5.7      | 2,300,000                | 1.45          | 589,600                    |
|                 | Inferred       | 0.40                      | 595,000    | 1.05        | 20,100                   | 2.6      | 50,000                   | 1.08          | 20,600                     |
| Out of Pit      | Measured       | 1.90                      | 163,000    | 6.42        | 33,600                   | 25.8     | 135,000                  | 6.65          | 34,800                     |
|                 | Indicated      | 1.90                      | 3,429,000  | 5.34        | 589,000                  | 16.6     | 1,834,000                | 5.49          | 605,300                    |
|                 | M+I            | 1.90                      | 3,591,000  | 5.39        | 622,600                  | 17.1     | 1,969,000                | 5.54          | 640,100                    |
|                 | Inferred       | 1.90                      | 1,414,000  | 4.43        | 201,500                  | 11.4     | 519,000                  | 4.53          | 206,100                    |
| Total           | Measured       | 0.40&1.90                 | 925,000    | 2.70        | 80,300                   | 11.8     | 352,000                  | 2.81          | 83,400                     |
|                 | Indicated      | 0.40&1.90                 | 15,277,000 | 2.26        | 1,111,400                | 8.0      | 3,917,000                | 2.33          | 1,146,300                  |
|                 | M+I            | 0.40&1.90                 | 16,202,000 | 2.29        | 1,191,700                | 8.2      | 4,269,000                | 2.36          | 1,229,800                  |
|                 | Inferred       | 0.40&1.90                 | 2,009,000  | 3.43        | 221,600                  | 8.8      | 569,000                  | 3.51          | 226,700                    |

#### Notes from Resource Estimate:

\*Independent NI 43-101 Mineral Resource Estimate completed by P&E Mining Consultants Inc. (Press release, October 16, 2018).

1. Mineral Resources which are not Mineral Reserves do not have demonstrated economic viability. The estimate of Mineral Resources may be materially affected by environmental, permitting, legal, title, taxation, socio-political, marketing, or other relevant issues.

2.The Inferred Mineral Resource in this estimate has a lower level of confidence than that applied to an Indicated Mineral Resource and must not be converted to a Mineral Reserve. It is reasonably expected that the majority of the Inferred Mineral Resource could be upgraded to an Indicated Mineral Resource with continued exploration. 3.The Mineral Resources in this press release were estimated using the Canadian Institute of Mining, Metallurgy and Petroleum (CIM), CIM Standards on Mineral Resources and Reserves, Definitions and Guidelines prepared by the CIM Standing Committee on Reserve Definitions and adopted by the CIM Council.

4. A gold price of US\$1,250/oz and silver price of US\$17.00/oz based on the July 31, 2018 approximate three year trailing average prices and an exchange rate of US\$0.80=Cdn\$1.00 were utilized in the AuEq cut-off grade calculations of 0.40 g/t AuEq for Pit Constrained (>170 metres elevation above sea level or <239 metres depth from surface) and 1.90 g/t AuEq for Out of Pit Mineral Resources.</p>

 Open Pit mining costs were assumed at Cdn\$3.45/t for mineralized material, Cdn\$3.30/t for waste rock and Cdn\$2.00/t for overburden, while Underground mining costs were assumed at Cdn\$78.00/t, with process costs of Cdn\$18.15/t, G&A of Cdn\$2.86/t, and process recoveries of 95.5% for gold and 62.6% for silver.

- 6. The Au:Ag ratio used for AuEq was 1:112.17.
- 7. A bulk density model averaged 2.76 t/m<sup>3</sup> for mineralized material.
- 8. Totals in the table may not sum due to rounding.



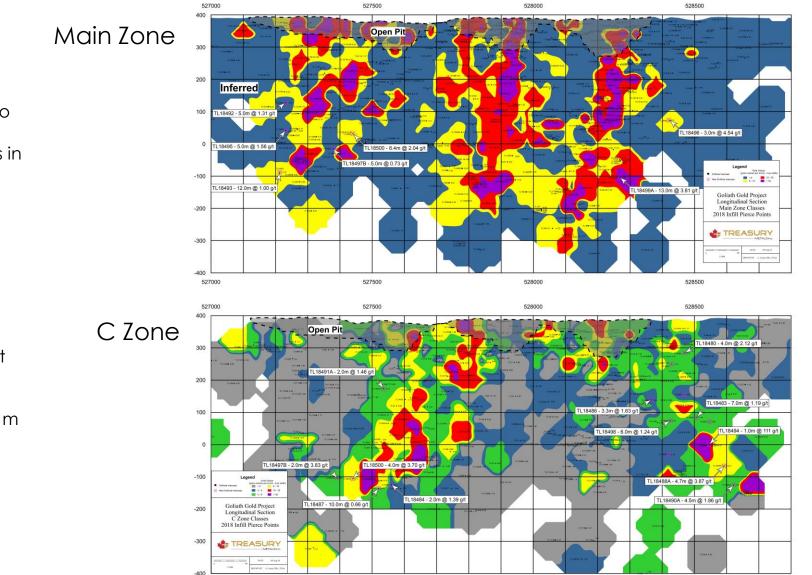
## Goliath Gold Project – 2017 PEA

|  | Preliminary Economic Assessment |                               |
|--|---------------------------------|-------------------------------|
| Project Parameters                           | Unit                            | Amount                        |
| Gold Resources                               |                                 |                               |
| Gold and Silver Production - Resources Mined | Oz                              | 1,142,000 and 2,075,000       |
| Average Mill Feed Gold Grade                 | Au (g/tonne)                    | 3.81                          |
| Average Mill Feed Silver Grade               | Ag (g/tonne)                    | 10.55                         |
| Cut-off Grade - Open Pit and Underground     | Au g/tonne                      | 0.55 and 2.10                 |
| Average Open Pit and UG gold grade (Au)      | Au (g/tonne)                    | 1.58 and 4.87                 |
| Operating Metrics                            |                                 |                               |
| Total Tonnes Ore Produced (OP and UG)        | Tonnes                          | 9.8 million                   |
| Breakdown (OP and UG)                        | Tonnes                          | 3.18 and 6.60 million         |
| Open Pit Mill Feed Production Rate           | tpd/tpa                         | 2,500 tonne/day or 875,000/yr |
| Total Strip Ratio                            | Waste:Mill Feed                 | 6:1                           |
| Gold and Silver Recovery (Processing)        | %                               | 95.5% and 62.6%               |
| Dilution (open pit and UG)                   | %                               | 25% and 10%                   |
| Average Gold Production and AuEq             | Oz/year                         | 87,850 and 90,000             |
| Peak Production (Year 6)                     | Oz/year                         | 111,800                       |
| Mine life                                    | years                           | 13 years                      |
| Financial Metrics                            |                                 |                               |
| Realized Gold and Silver Price (Base Case)   | US\$/Oz                         | US\$1,225 and \$17            |
| Total Initial Capital Expenditures           | C\$M                            | \$133                         |
| Total Sustaining Capital (Including U/G)     | C\$M                            | \$132                         |
| Cash Operating Cost                          | U\$/Oz                          | \$525                         |
| All in Sustaining Cost (AISC)                | U\$/Oz                          | \$611                         |
| Mining Costs - Open Pit and UG               | \$/tonne                        | OP \$3.45 and UG \$77         |
| General and Admin cost                       | C\$/tonne                       | \$2.85                        |
| Milling Costs and Open Pit Waste Mining      | \$/tonne                        | \$18.15 and \$3.30            |
| Exchange Rate                                | C\$                             | C\$1.32: US\$1.00             |



## Main Zone & C Zone Resource Grade

527000



527500

528000

528500

23

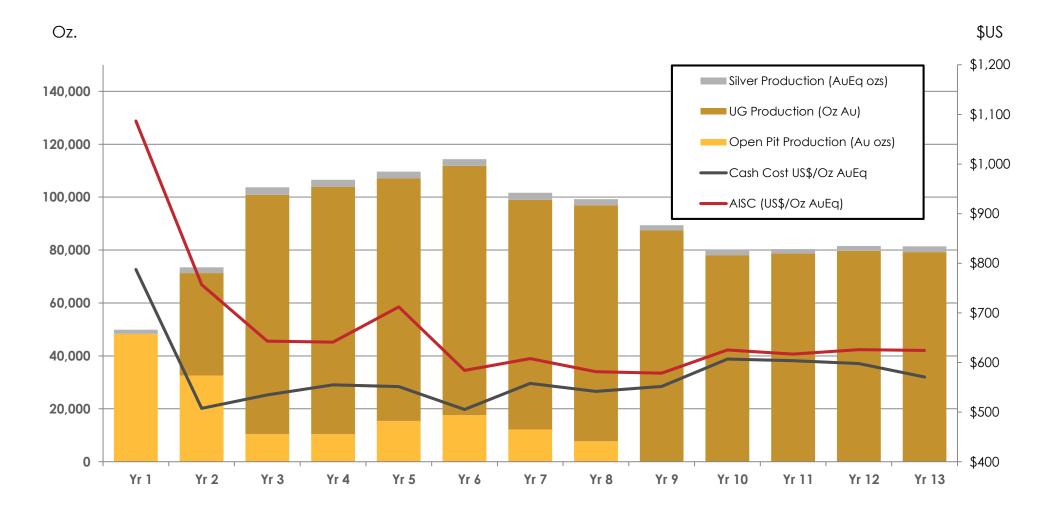
### In-fill drilling underway

- 17,000 m of drilling completed in 2018 to convert Inferred to Indicated Resources in Main and C Zone
- 5,000 m completed and focused on Eastern Resource Target
- Successful drilling in East Resource Target area now and recently had high grade 65 g/t of 3.00 m in the C zone Shoot

2EASU

METALS Inc

## Goliath Gold Project – Production by Year and Low Costs





| C\$ Million                            | Yearly Average <sup>1</sup> | Yearly Average for Years 3 to 9 | LOM Total |
|--|-----------------------------|---------------------------------|-----------|
| Net Metal Revenue                      | \$134.2M                    | \$166.1M                        | \$1,878M  |
| Operating Costs                        | \$58.1M                     | \$67.2M                         | \$812.7M  |
| Transportation, Royalties and Refining | \$0.6M                      | \$0.78M                         | \$9.3M    |
| Capital Costs                          | \$18.8M                     | \$11.0M                         | \$265.7M  |
| Pre-Tax Cash Flows                     | \$48.6M                     | \$81.1M                         | \$729.5M  |
| Corporate Tax                          | \$18.2M                     | \$24.0M                         | \$254.5M  |
| After-Tax Cash Flow                    | \$36.3M                     | \$63.5M                         | \$545.0M  |

<sup>1</sup>Certain averages assume impact of pre-production period

| C\$ Million             | Initial Capital | Sustaining and Underground Capi | ital Total Capital |
|-------------------------|-----------------|---------------------------------|--------------------|
| Processing Plant        | \$90.7M         | \$12.4M                         | \$103.1M           |
| Tailings                | \$11.3M         | \$10.0M                         | \$21.3M            |
| Open Pit Pre-Production | \$12.5M         | \$0.0M                          | \$12.5M            |
| Open Pit Equipment      | \$17.0M         | \$1.6M                          | \$18.6M            |
| Underground             | \$0.0M          | \$96.3M                         | \$96.3M            |



| Gold Price<br>(USD/oz) | \$1,150  | \$1 <i>,</i> 200 | Base Case<br>(\$1,225) | \$1,300 | \$1,350 | \$1,400 |  |  |
|------------------------|--|------------------|------------------------|---------|---------|---------|--|--|
|                        | Pre-Tax and Post Tax NPV and IRR Sensitivity to Gold Price |                  |                        |         |         |         |  |  |
| Pre-Tax NPV 5% – C\$M  | \$356.7  | \$402.4          | \$425.2                | \$493.8 | \$539.4 | \$585.3 |  |  |
| Post-Tax NPV 5% – C\$M | \$254.6  | \$288.9          | \$306.1                | \$357.5 | \$391.8 | \$426.2 |  |  |
| Pre-tax IRR            | 26.3%  | 28.71%           | 29.9%                  | 33.4%   | 35.7%   | 37.9%   |  |  |
| Post-tax IRR           | 22.1%  | 24.1%            | 25.0%                  | 27.9%   | 29.8%   | 31.6%   |  |  |
| Pre-tax Payback - Yrs  | 4.0  | 3.8              | 3.7                    | 3.4     | 3.2     | 3.1     |  |  |
| Post-tax Payback – Yrs | 4.6  | 4.3              | 4.1                    | 3.8     | 3.6     | 3.5     |  |  |

Note: Underground development, closure and sustaining capital commences in Year 1 averages C\$10M per year.



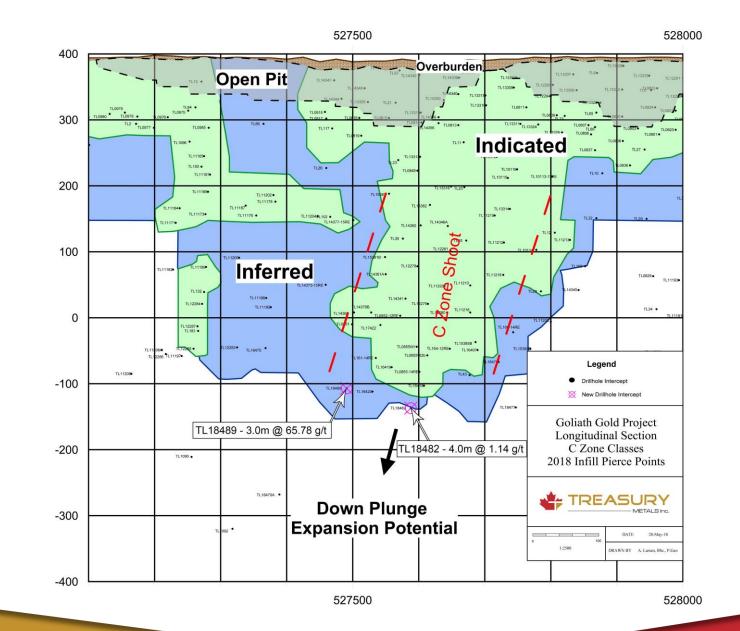
# Weebigee is High-Grade

| Zone       | Hole ID | Depth (m)     | Interval (m) | Composite<br>Assay (g/t Au) |
|------------|---------|---------------|--------------|-----------------------------|
| Knoll      | BK14-07 | 51.80 - 55.70 | 3.90         | 18.69                       |
| Knoll      | BK14-05 | 14.65 - 18.15 | 3.50         | 12.45                       |
| Knoll      | BK14-16 | 78.33 - 85.16 | 6.83         | 8.59                        |
| Knoll      | BK14-11 | 22.10 - 27.57 | 5.47         | 6.71                        |
| Knoll      | BK14-12 | 20.70 - 27.73 | 7.03         | 6.76                        |
| Bernadette | BK14-03 | 34.15 - 35.30 | 1.15         | 70.23                       |
| Bernadette | BK14-23 | 7.85 - 11.70  | 3.85         | 10.89                       |
| RvG4       | BK14-18 | 43.56 - 47.53 | 3.97         | 23.15                       |
| RvG4       | BK14-17 | 48.68 - 53.19 | 4.51         | 9.35                        |



## Drilling on downdip potential expansion of C Zone shoot

- Recent C Zone drilling highlights include TL 18-489 that intersected 65.78 g/t over 3.00 m including 1.00 m @ 196.00 g/t
- More drilling may delinerate new gold ounces into inferred resources and eventually the mine plan







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