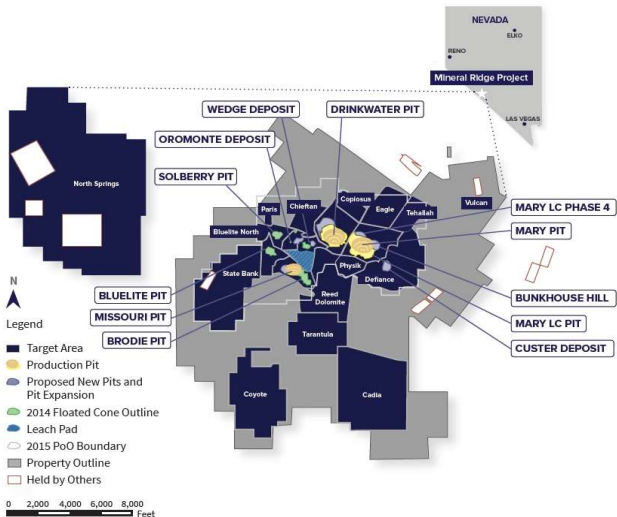


## Focus on Exploration and Development in Prolific Districts

- **Empire State Mine (“ESM”), NY State**
  - 100%-owned zinc producer in historic mining district
  - In the process of developing 3 near mine open-pit resources
  
- **Mineral Ridge, Esmeralda County, Nevada**
  - Earn-in up to 100%
  - Fully permitted
  - Total M&I Mineral Resources of 355,500\* oz of 1.10 g/t gold
  - Drill program ongoing:
    - Phase 1: Completed; results pending
    - Phase 2: Initiated
  
- **Part of the Augusta Group**
  - Strong track record in exploration and development

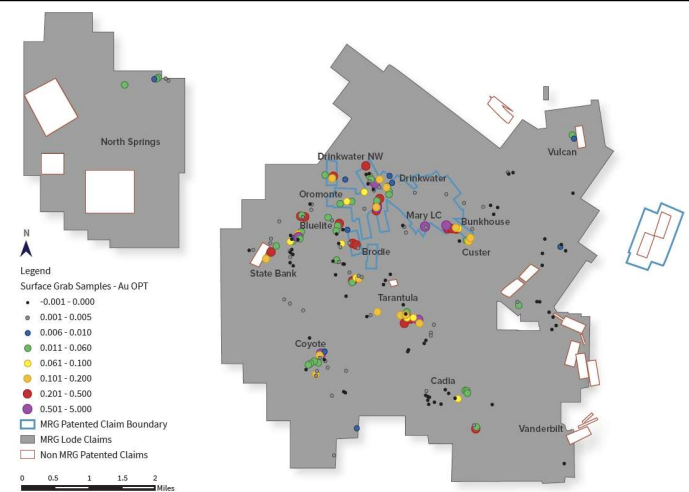


## Mineral Ridge Gold Property, Nevada

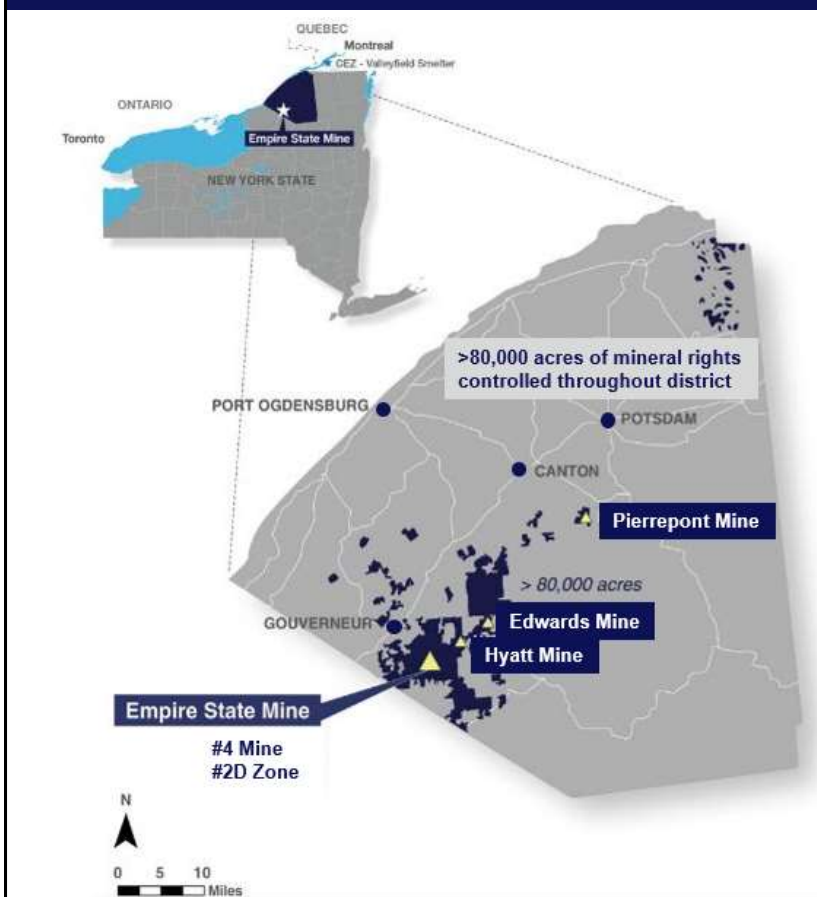


- Total Measured and Indicated Mineral Resources of 335,500\* oz of 1.10 g/t gold
- Earn-in up to 100%
- Fully permitted
- Limited historical exploration
- Phase 1: Drill program completed; results pending
- Phase 2: To commence by the end of Q1/2021

- Exploration will focus on the down-dip and strike extensions of the Drinkwater, Mary, Mary LC, Brodie NW, Custer, Bunkhouse and the Oromonte pit areas outside the existing Mineral Resources
- Current additional exploration targets aim to link mineralization between Oromonte, Blueelite and Brodie forming a single large resource area
- Several brownfield and greenfield targets with limited or no previous drilling



## Empire State Mine, NY State



## World-Class Exploration Potential

- ESM #4 mine and six historic mines
- Historic production – 44M tons milled at average grade of 9.4% zinc
- Long-term zinc concentrate offtake agreement with Glencore – transportation within North America
- Titan controls >80,000 acres of mineral rights
- District remains underexplored - targeting new discoveries in the 15 to 30 Mt range

## Focus on Optimizing Cash Flow

- Production supported by current mineral resources with potential for near-mine resource additions
- Mine plan includes higher-grade New Fold zone in ESM #4 mine and #2D zone as well as recent results from Turnpike and Hoist House zones
- Focus on development and exploration – infill drilling in #4 mine, drilling of near-mine open-pit mineralization as well as district exploration

### 3,800 tpd shaft and major surface infrastructure



### Drilling at ESM #4 mine



### 5,000 tpd mill



## Share Structure

Toronto Stock Exchange Symbol	TI
Basic Shares Outstanding (12/30/2020)	138.9 million
Fully Diluted Shares Outstanding (12/30/2020)	170.0 million
Market Capitalization (03/23/2021)	C\$89 million
Management/Directors Ownership	~58%

## Best-in-Class Leadership

- Executive Chairman Richard Warke and the Augusta Group of companies have generated extraordinary shareholder value
- CEO Donald Taylor is recipient of PDAC's 2018 Thayer Lindsley Award
- Board is experienced, well-rounded and connected

The scientific and technical information contained herein was approved by Mr. Scott Burkett, VP Exploration for Titan, a qualified person as defined by National Instrument 43-101. This factsheet includes forward-looking information, including disclosure regarding Titan's exploration plans. Readers are cautioned that actual results may vary from forward-looking information. While considered reasonable by the Company as of the date of this document, this forward-looking information is based on a number of factors and assumptions, including assumptions related to exploration plans and the results of future exploration. Such forward-looking information is subject to known and unknown risks, including but not limited to the risk factors described in greater detail in the Titan's Management's Discussion and Analysis and Annual Information Form for the year ended December 31, 2020, available at [www.sedar.com](http://www.sedar.com). Other than as required by securities laws, Titan assumes no responsibility for updating forward-looking information.

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