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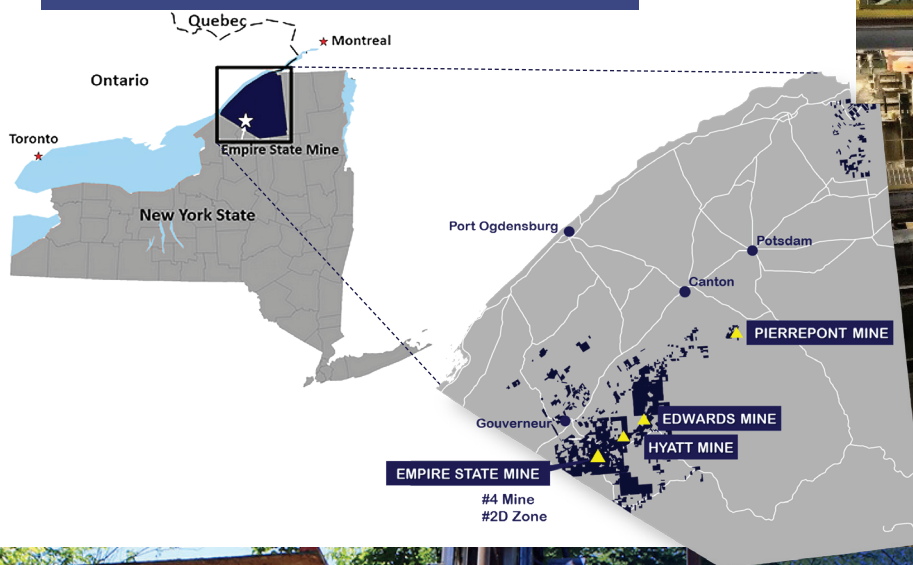
100%-owned Empire State Mine ("ESM") – zinc production in a historic mining district in New York State

Quarter over quarter improvement in both safety and production

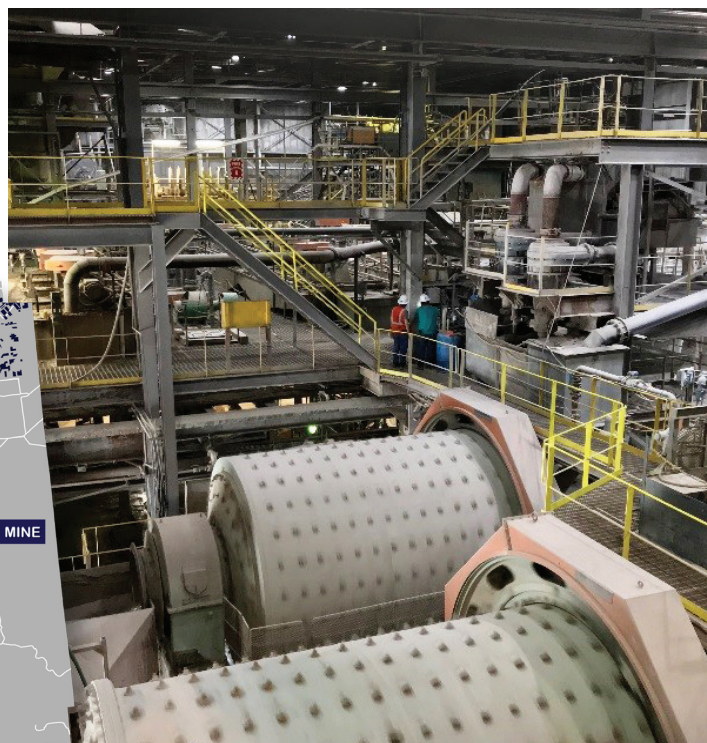
Extended credit facility maturity dates, strong balance sheet and special dividend payment

Future discovery potential through additional near-mine and district exploration

Part of the Augusta Group – strong track record in exploration and development



BUILT FOR GROWTH



LARGE LAND PACKAGE IN ESTABLISHED MINING DISTRICT

- ▲ Producing zinc concentrate
- ▲ Long-term concentrate offtake agreement with Glencore – transportation within North America 60% of Q1/22 production fixed at US\$1.50/lb
- ▲ ESM #4 mine and six historic mines
- ▲ Historic production 44 million tons milled at 9.4% zinc
- ▲ Titan controls >80,000 acres of mineral rights
- ▲ District remains underexplored – targeting new discoveries in the 15 to 30MT range

**ANALYST
COVERAGE**

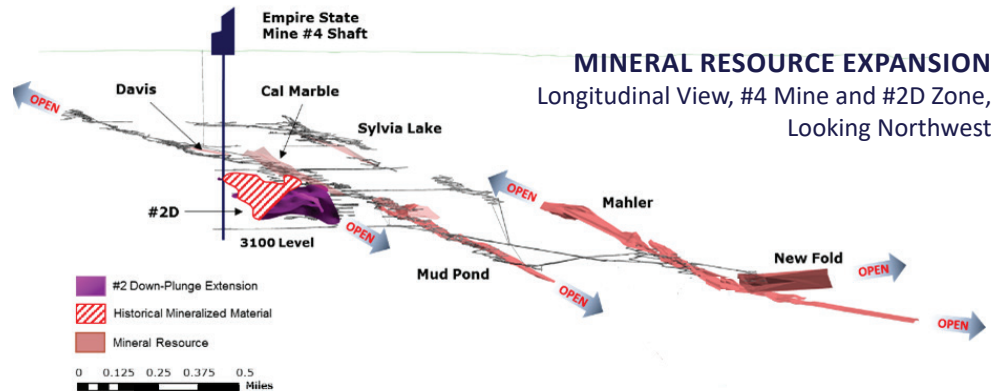
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FOCUS ON OPTIMIZING CASH FLOW

- ▲ 2022 production forecasted at 64-68 million pounds of payable zinc representing a 35-43% increase from 2021
- ▲ 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 (close to #4 shaft) as well as results from Turnpike and Hoist House zones
- ▲ Developing three open pit projects near processing plant to increase throughput

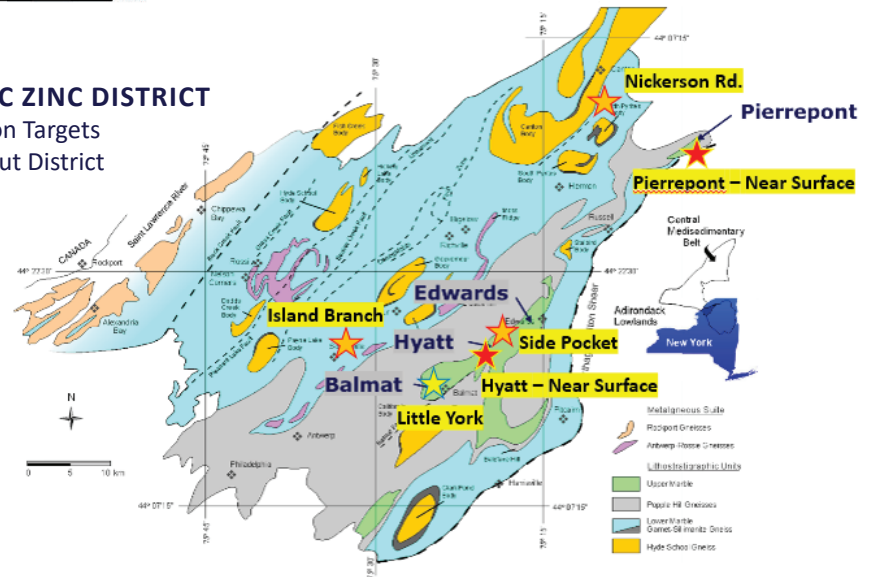
**TITAN DECLARES 3RD CASH
DIVIDEND; FIXES US\$1.76/LB
ZINC PRICE FOR 50% OF Q2 2022
BUDGETED PRODUCTION**

**TITAN EXTENDS CREDIT
FACILITY MATURITY DATES**



PROLIFIC ZINC DISTRICT

Exploration Targets
Throughout District



CORPORATE STRUCTURE

(As of 03/07/2022)

Toronto Stock Exchange Symbol	T1
Basic Shares Outstanding	139 million
Fully Diluted Shares Outstanding	170 million
Market Capitalization	C\$104 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

Disclaimer: 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 Annual Information Form for the year ended December 31, 2020, available at www.sedar.com. AISC is a non-GAAP measure. Please refer to Titan's most recent MD&A for a discussion of non-GAAP measures. For additional information on ESM, please refer to the technical report titled, "Empire State Mines 2021 NI 43-101 Technical Report" dated effective February 24, 2021, and filed on Titan's website and SEDAR profile. Other than as required by securities laws, Titan assumes no responsibility for updating forward-looking information.