Titan Mining Drills Two New Zones of Near-Surface Mineralization, Including 80 Feet of 5.8% Zinc, 2.8% Lead and 28.2 g/t Silver

Vancouver, B.C., January 14, 2019 – Titan Mining Corporation (TSX:TI) ("**Titan**" or the "**Company**") is pleased to announce drill results of two new zones of near-surface mineralization at the Company's Empire State Mine ("ESM") in upstate New York. The definition drilling of these potential new open-pit mill feed zones is a key goal of the Company's strategy of filling over 3,000 tonnes per day ("tpd") of excess capacity at the ESM mill in an effort to dramatically increase production and lower costs.

Highlights

-Discovery of Turnpike zone, located within easy transport distance approximately one mile to the south of the ESM milling complex, with Hole SX19-2483 returning 80.0 feet assaying 5.8% zinc, 2.8% lead and 28.2 g/t silver, including 15.0 feet assaying 17.1% zinc, 7.8% lead and 79 g/t silver.

-The Hoist House zone is located approximately one mile south of the ESM mill, drill results include hole SX19-2484 returning 20.0 feet assaying 7.3% zinc, 0.9% lead and 11.7 g/t silver, and 31.0 feet assaying 4.2% zinc, 0.5% lead and 10.3 g/t silver.

-Together with the near surface extension of the #2D (see November 14, 2018 press release), these zones represent potential sources of low cost open-pit mining feed within mining claims, which could allow for near-term development.

Key mineralized intervals from the Turnpike zone include:

- **80.0 feet assaying 5.8% zinc, 2.8% lead and 28.2 g/t silver**
  - **Including 15.0 feet assaying 17.1% zinc, 7.8% lead and 79 g/t silver**
- **207.0 feet assaying 3.1% zinc, 1.1% lead and 10.4 g/t silver**
  - **Including 101.0 feet assaying 5.4% zinc, 2.1% lead and 18.1 g/t silver**
- **50.0 feet assaying 1.4% zinc, 0.4% lead and 5.0 g/t silver**
  - **Including 10.0 feet assaying 3.6% zinc, 0.9% lead and 6.4 g/t silver**

Key mineralized intervals from the Hoist House zone include:

- **8.0 feet assaying 11.0% zinc, 0.7% lead and 13.2 g/t silver**
- **15.9 feet assaying 5.6% zinc, 0.9% lead and 18.5 g/t silver**
  - **Including 5.8 feet assaying 10.2% zinc, 2.0% lead and 27.5 g/t silver**
- **47.5 feet assaying 2.2% zinc, 0.1% lead and 4.1 g/t silver**
  - **Including 3.5 feet assaying 7.9% zinc, 0.1% lead and 7.4 g/t silver**
- **25 feet assaying 4.5% zinc, 0.5% lead and 20.3 g/t silver**
- **20.0 feet assaying 7.3% zinc, 0.9% lead and 11.7 g/t silver**
  - **Including 10.0 feet assaying 13.5% zinc, 1.6% lead and 19.1 g/t silver**
- **31.0 feet assaying 4.2% zinc, 0.5% lead and 10.3 g/t silver**

- **Including 10.0 feet assaying 10.1% zinc, 0.9%lead and 11.6 g/t silver**

Scott Burkett, Vice President, Exploration, commented, “The drilling results from the Hoist House and Turnpike zones are encouraging as we continue to confirm the presence of near-surface mineralization which may potentially support open-pit mining of incremental feed for our under-utilized mill at ESM. At Hoist House, continuity of mineralization has been demonstrated along strike and down dip. Initial drilling at Turnpike has identified robust mineralization up to 100 feet wide.”

The Hoist House zone, located one mile south of the ESM #4 mine and milling complex, is interpreted to be the unmined extension of the historic #2 zone. Historic drilling indicates that the Hoist House zone extends to a depth of at least 300 feet over a strike length of 600 feet. The most recent drill holes at Hoist House have extended both the hanging wall (“HW”) and footwall (“FW”) mineralized horizons (Figure 3), and drilling continues.

The Turnpike zone (Figure 4), located 600 feet to the southeast of the Hoist House zone, is interpreted to be the unmined extension of the historic #1 zone. Historic mapping identified outcropping mineralization with a strike length of 450 feet, and drilling has confirmed the presence of near-surface mineralization between 50 and 100 feet thick.

The Pumphouse zone (Figure 1) is located 500 feet to the southwest of the Hoist House zone and is interpreted as being an unmined lens of mineralization adjacent to the historic #2 zone. Mineralization outcrops on surface and historic drilling indicates a 20 to 40-foot-wide zone of mineralization with a strike length of 350 feet and could extend to a depth of at least 150 feet.

Don Taylor, Chief Executive Officer, said, “Drilling continues to indicate several near-surface targets representing potential low-cost opportunities for additional mill feed. Preliminary metallurgical tests on Hoist House zinc mineralization indicate that the processing method and recovery rates are similar to those for the #2D zone which is being developed for underground mining. In addition to zinc, the Hoist House and Turnpike zones contain galena and associated silver. The mill at ESM is currently outfitted with a lead circuit and will be tested to take advantage of the lead/silver content of the mineralization currently under investigation.”

Hoist House Zone Drill Results

Drill holes SX19-2478, SX19-2479 SX19-2480 and SX19-2484 were drilled from surface and are part of a four-hole fan which targets the Hoist House zone and is located 50 feet to the southwest of the previously-reported drill holes (SX19-2475, SX19-2476 and SX19-2477). All four holes intercepted the HW and FW mineralized horizons, demonstrating the continuity of mineralization down-dip and along strike. Intercepts from the four holes are vertically spaced about 50 feet apart in FW mineralization.

Significant mineralized intervals from SX19-2478 were:

- **8.0 feet assaying 11.0% zinc, 0.7% lead and 13.2 g/t silver (HW)**
- **31.5 feet assaying 2.5% zinc, 0.2% lead and 7.8 g/t silver (FW)**

Notable mineralized intervals from SX19-2479 were:

- **15.9 feet assaying 5.6% zinc, 0.9% lead and 18.5 g/t silver (HW)**

    - **Including 5.8 feet assaying 10.2% zinc, 2.0% lead and 27.5 g/t silver**
- **47.5 feet assaying 2.2% zinc, 0.1% lead and 4.1 g/t silver (FW)**
    - **Including 3.5 feet assaying 7.9% zinc, 0.1% lead and 7.4 g/t silver**

Noteworthy mineralized interval from SX19-2480 were:

- **25.0 feet assaying 4.5% zinc, 0.5% lead and 20.3 g/t silver (HW)**
- **25.0 feet assaying 4.6% zinc, 0.3% lead and 6.3 g/t silver (FW)**

Significant mineralized intervals from SX19-2484 were:

- **20.0 feet assaying 7.3% zinc, 0.9% lead and 11.7 g/t silver (HW)**
    - **Including 10.0 feet assaying 13.5% zinc, 1.6% lead and 19.1 g/t silver**
- **31.0 feet assaying 4.2% zinc, 0.5% lead and 10.3 g/t silver (FW)**
    - **Including 10.0 feet assaying 10.1% zinc. 0.9% lead and 11.6 g/t silver**

Turnpike Zone Drill Results

Drill holes SX19-2482, SX19-2483 and SX19-2485 were drilled from surface and are part of a three-hole fan targeting the Turnpike zone. The three holes intercepted a broad zone of mineralization averaging 80 feet in true thickness, confirming the presence of near-surface mineralization and establishing continuity of mineralization at depth. Intercepts from the three-hole fan are vertically spaced 50 feet apart. SX19-2481 targeted the northeast extent of Turnpike mineralization and intercepted a narrow zone.

Mineralization intercepted in SX19-2481 was:

- **2.0 feet assaying 2.8% zinc, <0.1% lead and 5.0 g/t silver**

Notable mineralized interval from SX19-2482 was:

- **207.0 feet assaying 3.1% zinc, 1.1% lead and 10.4 g/t silver**
    - **Including 101.0 feet assaying 5.4% zinc, 2.1% lead and 18.1 g/t silver**

Significant mineralized interval from SX19-2483 was:

- **80.0 feet assaying 5.8% zinc, 2.8% lead and 28.2 g/t silver**
    - **Including 15.0 feet assaying 17.1% zinc, 7.8% lead and 79 g/t silver**

Notable mineralized interval from SX19-2485 was:

- **50.0 feet assaying 1.4% zinc, 0.4% lead and 5.0 g/t silver**
    - **Including 10.0 feet assaying 3.6% zinc, 0.9% lead and 6.4 g/t silver**

For a full list of the Hoist House and Turnpike mineralized intervals from these holes, refer to Table 1.

Figure 1 – Location of Near-Surface Drill Targets at ESM

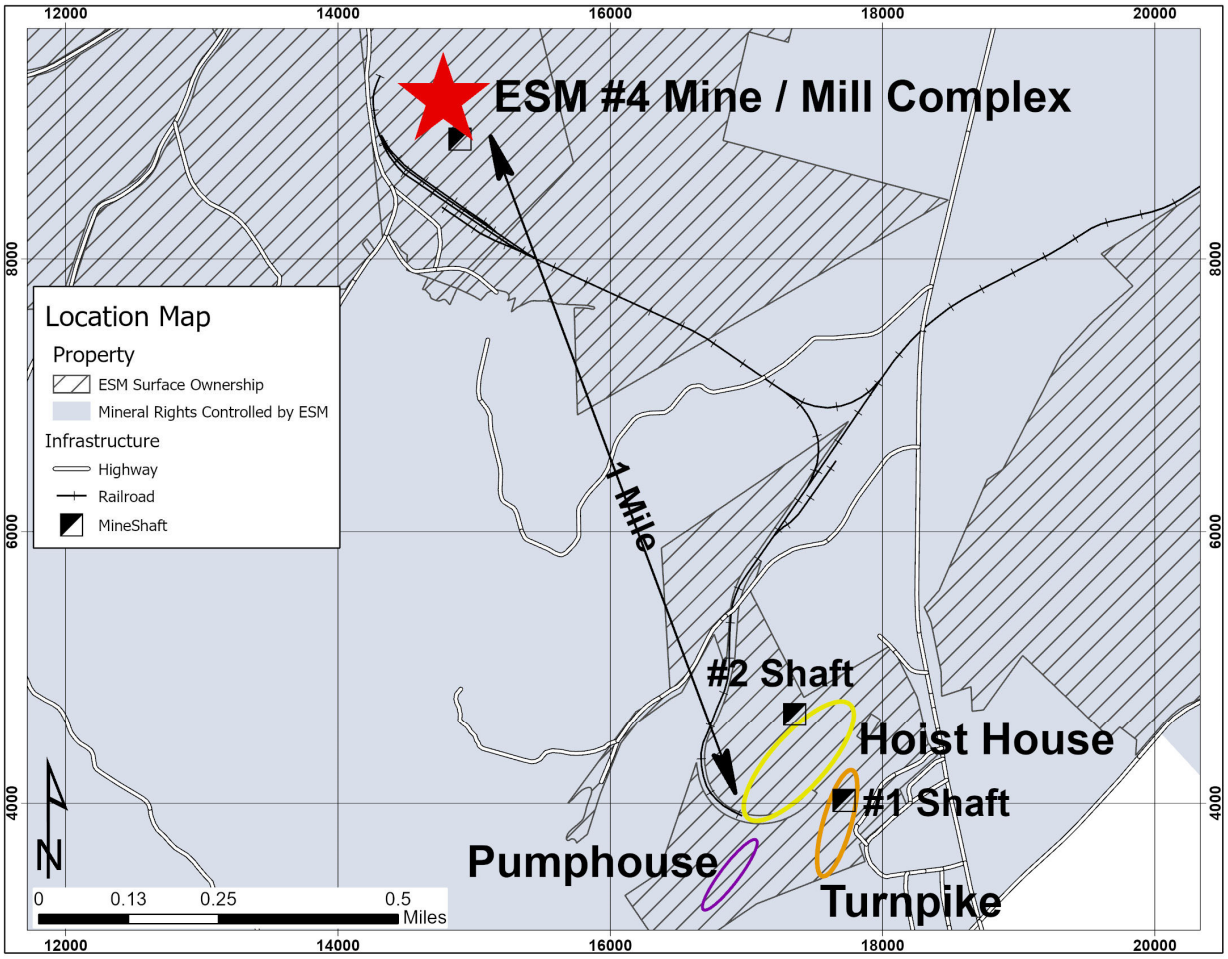

Figure 2 – Plan View of Hoist House and Turnpike Zones Showing Drill Hole Locations

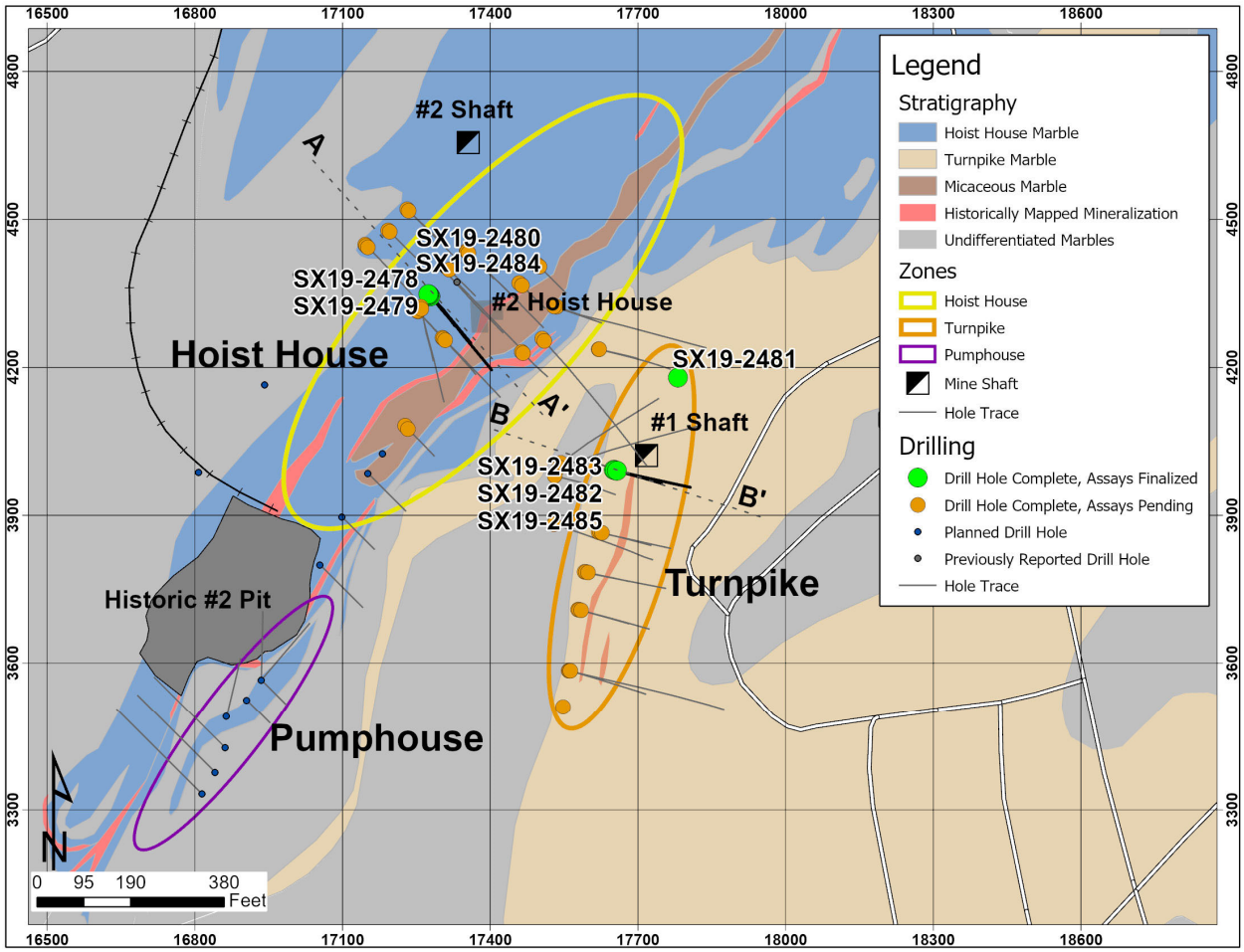

Figure 3 – Cross Section of Hoist House Zone Looking Northeast and Showing Drill Holes and Selected Mineralized Intervals

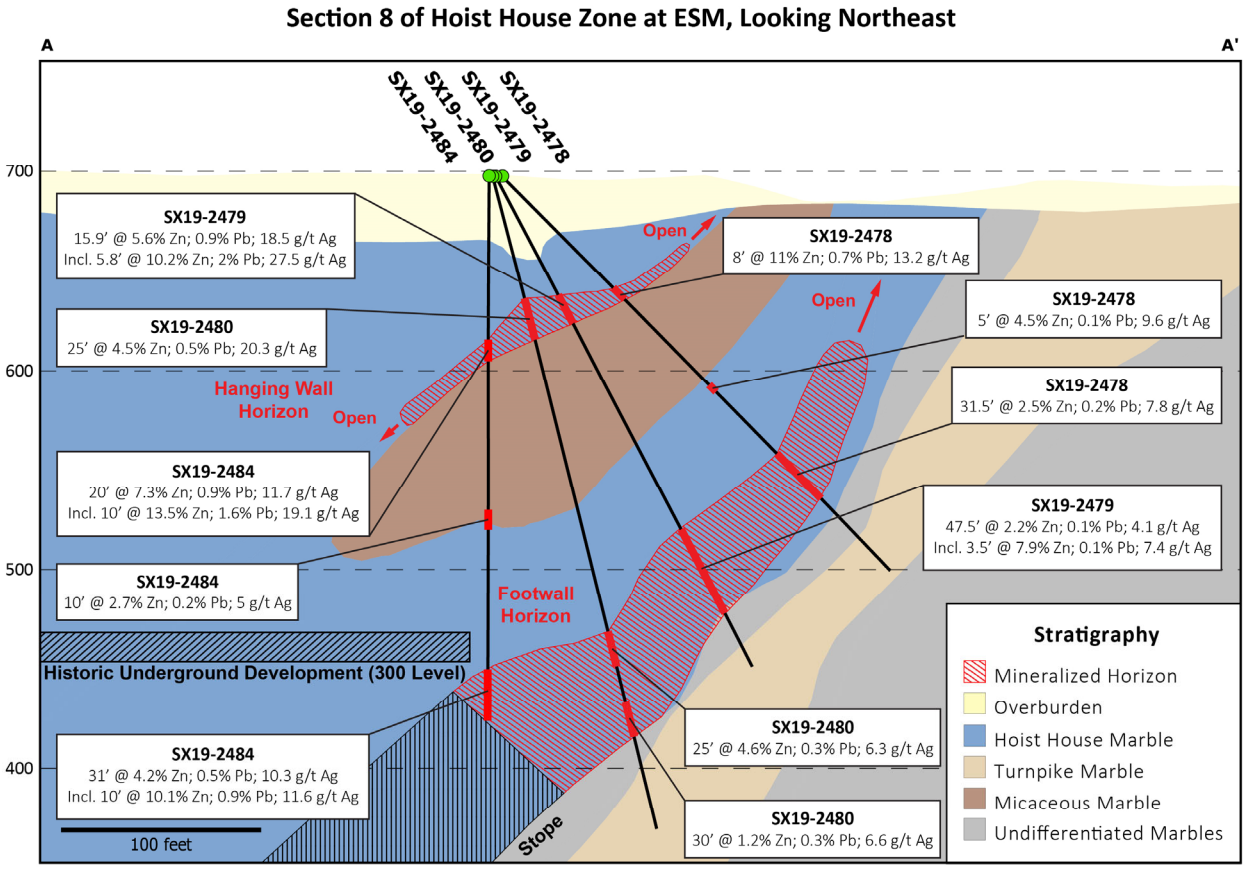

Figure 4 – Cross Section of Turnpike Zone Looking Northeast and Showing Drill Holes and Selected Mineralized Intervals

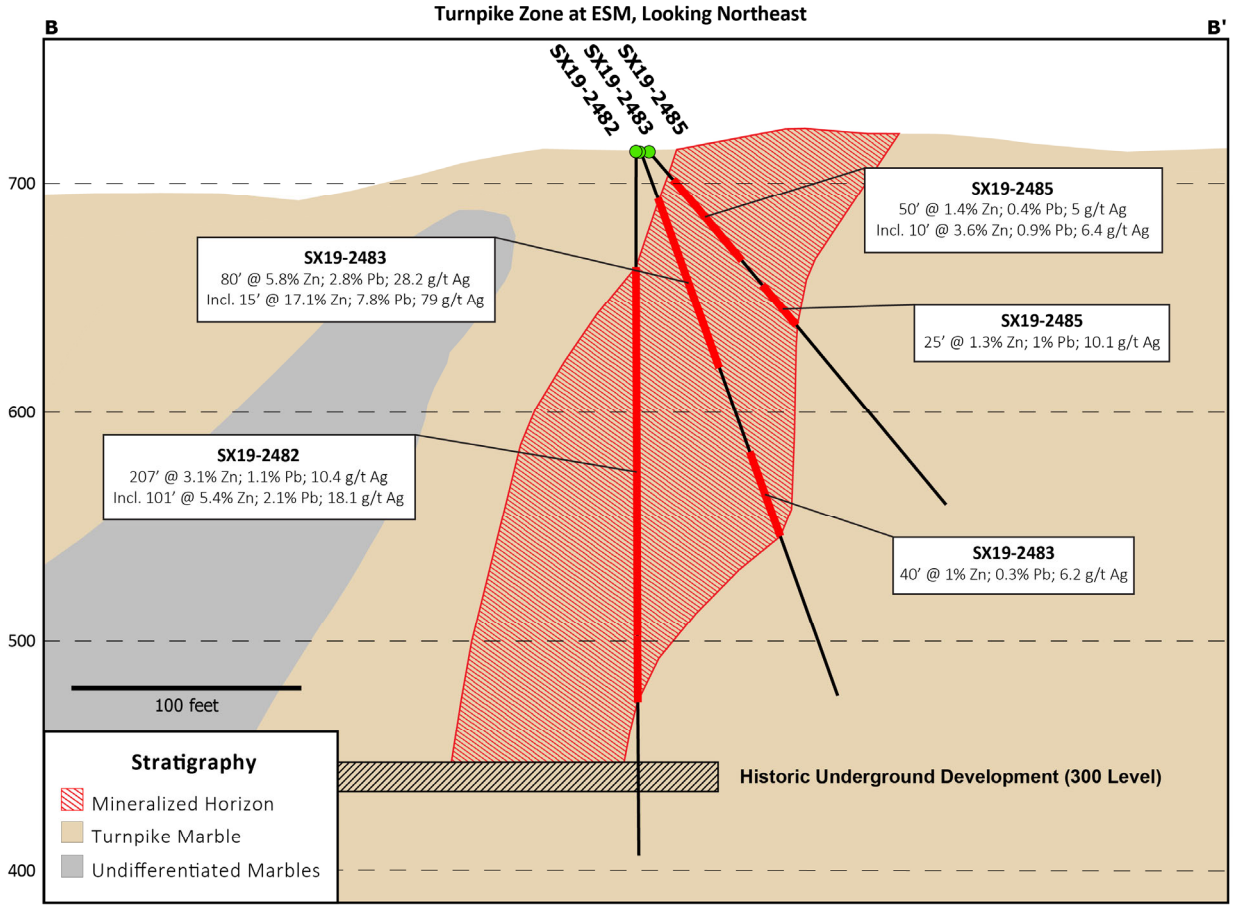

Table 1 – Exploration Drill Results from Hoist House and Turnpike Zones at ESM

Drill hole	*From (feet)*	*To (feet)*	*Interval (feet)**	*From (meters)*	*To (meters)*	*Interval (meters)**	*Zn%*	*Pb%*	*Ag g/t*	*Zone*	*Horizon*
SX19-2478	79.0	87.0	8.0	24.1	26.5	2.4	11.0	0.7	13.2	Hoist House	HW
SX19-2478	147.0	152.0	5.0	44.8	46.3	1.5	4.5	0.1	9.6	Hoist House	FW
SX19-2478	195.5	227.0	31.5	59.6	69.2	9.6	2.5	0.2	7.8	Hoist House	FW
SX19-2479	67.1	83.0	15.9	20.5	25.3	4.8	5.6	0.9	18.5	Hoist House	HW
including	**73.0**	**78.8**	**5.8**	**22.2**	**24.0**	**1.8**	**10.2**	**2.0**	27.5	**Hoist House**	HW
SX19-2479	199.5	247.0	47.5	60.8	75.3	14.5	2.2	0.1	4.1	Hoist House	FW
including	**199.5**	**203.0**	**3.5**	**60.8**	**61.9**	**1.1**	**7.9**	**0.1**	**7.4**	**Hoist House**	**FW**
SX19-2480	62.0	87.0	25.0	18.9	26.5	7.6	4.5	0.5	20.3	Hoist House	HW
SX19-2480	232.0	257.0	25.0	70.7	78.3	7.6	4.6	0.3	6.3	Hoist House	FW
SX19-2480	277.0	307.0	30.0	84.4	93.6	9.1	1.2	0.3	6.6	Hoist House	FW
SX19-2484	77.0	97.0	20.0	23.5	29.6	6.1	7.3	0.9	11.7	Hoist House	HW
including	**82.0**	**92.0**	**10.0**	**25.0**	**28.0**	**3.0**	**13.5**	**1.6**	19.1	**Hoist House**	HW
SX19-2484	167.0	177.0	10.0	50.9	53.9	3.0	2.7	0.2	5.0	Hoist House	FW
SX19-2484	242.0	273.0	31.0	73.8	83.2	9.4	4.2	0.5	10.3	Hoist House	FW
including	**247.0**	**257.0**	**10.0**	**75.3**	**78.3**	**3.0**	**10.1**	**0.9**	11.6	**Hoist House**	FW
SX19-2481	87.0	89.0	2.0	26.5	27.1	0.6	2.8	0.0	5.0	Turnpike	NA
SX19-2482	15.0	222.0	207.0	4.6	67.7	63.1	3.1	1.1	10.4	Turnpike	NA
including	**46.0**	**147.0**	**101.0**	**14.0**	**44.8**	**30.8**	**5.4**	**2.1**	18.1	**Turnpike**	NA
SX19-2483	22.0	102.0	80.0	6.7	31.1	24.4	5.8	2.8	28.2	Turnpike	NA
including	**62.0**	**77.0**	**15.0**	**18.9**	**23.5**	**4.6**	**17.1**	**7.8**	79.0	**Turnpike**	NA
SX19-2483	142.0	182.0	40.0	43.3	55.5	12.2	1.0	0.3	6.2	Turnpike	NA
SX19-2485	17.0	67.0	50.0	5.2	20.4	15.2	1.4	0.4	5.0	Turnpike	NA
including	**17.0**	**27.0**	**10.0**	**5.2**	**8.2**	**3.0**	**3.6**	**0.9**	6.4	**Turnpike**	NA
SX19-2485	82.0	107.0	25.0	25.0	32.6	7.6	1.3	1.0	10.1	Turnpike	NA

* Based on observed geologic contacts, no representation is made here regarding the true width.

Qualified Person

The results of the Titan drilling have been reviewed, verified and compiled by Donald R. Taylor, MSc., PG, Chief Executive Officer of Titan, a qualified person as defined by National Instrument 43-101 (NI 43-101). Mr. Taylor has 30 years of mineral exploration and mining experience, and is a Registered Professional Geologist through the SME (registered member #4029597).

Assays and Quality Assurance/Quality Control

To ensure reliable sample results, the Company has a rigorous QA/QC program in place that monitors the chain-of-custody of samples and includes the insertion of blanks and certified reference standards at statistically derived intervals within each batch of samples. Core is photographed and split in half with one-half retained in a secured facility for verification purposes.

Sample preparation (crushing and pulverizing) has been performed at ALS Geochemistry, an ISO/IEC accredited lab located in Sudbury, Ontario, Canada. ALS Minerals Laboratories prepares a pulp of all samples and sends the pulps to their analytical laboratory in Vancouver, B.C., Canada, for analysis. ALS analyzes the pulp sample by an aqua regia digestion (ME-ICP41 for 35 elements) with an ICP – AES finish including Cu (copper), Pb (lead), and Zn (zinc). All samples in which Cu (copper), Pb (lead), or Zn (zinc) are greater than 10,000 ppm are re-run using aqua regia digestion (Cu-OG46; Pb-OG46; and Zn-OG46) with the elements reported in percentage (%). Silver values are determined by an aqua regia digestion with an ICP-AES finish (ME-ICP41) with all samples with silver values greater than 100 ppm repeated using an aqua regia digestion

overlimit method (Ag-OG46) calibrated for higher levels of silver contained. Gold values are determined by a 30 g fire assay with an ICP-AES finish (Au-ICP21).

About Titan Mining Corporation

Titan is an Augusta Group company which produces zinc concentrate at its 100%-owned Empire State Mine ("ESM") located in New York State. ESM is a group of zinc mines which started production in the early 1900s. Titan is built for growth, focused on value and committed to excellence. The Company's shares are listed under the symbol "TI" on the Toronto Stock Exchange. For more information on the Company, please visit the website at www.titanminingcorp.com.

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Cautionary Note Regarding Forward-Looking Information

This press release contains certain forward-looking statements. Words such as "expects", "anticipates" and "intends" or similar expressions are intended to identify forward-looking statements. Forward-looking information is necessarily based on a number of opinions, assumptions and estimates that, while considered reasonable by the Company as of the date of this press release, are subject to known and unknown risks, uncertainties, assumptions and other factors that may cause the actual results, performance of current and additional drilling, or timing of events to be materially different from those expressed or implied by such forward-looking information, including but not limited to the factors described in greater detail in the Company's Management's Discussion and Analysis and Annual Information Form for the year ended December 31, 2018, available at www.sedar.com. No securities regulatory authority has expressed an opinion about the securities described herein and it is an offence to claim otherwise. Titan undertakes no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law.