

27 May 2019

VISTA GOLD PLANT IN PERU RECEIVES FINAL PERMIT

HIGHLIGHTS

- **Vista Gold Plant fully commissioned, permitted and licenced to commence commercial production**
- **Vista Gold Plant commencing operations at a rate of 80 tonnes per day and is anticipated to produce 700 ounces of gold from material treated during initial operational trials and commissioning.**

Titan Minerals Limited (ASX: TTM) ("Titan" or "the Company") is pleased to announce that the Dirección Regional de Energía y Minas (The Regional Energy and Mines Department, or "DREM") has granted the final operator's permit ("Concession of Benefit" / Concesión de Beneficio) required for operation of the Vista Gold plant located on a private land holding in the District of Vista Alegre, Province of Nasca and Department of Ica, in Southern Peru ("Vista Gold Plant").

The Resolución Directoral Regional No 022-2019/GORE-ICA/DREM ("Resolution") issued by the DREM specifies Vista Gold S.A.C., a wholly owned subsidiary of the Company, has been awarded a Concession of Benefit to operate the Vista Gold Plant and provides for the construction and operation of a mineral processing facility with up to 350 tpd processing capability and a tailing pond. The Concession of Benefit was granted following;

- (a) an exhaustive and thorough inspection and review period with DREM, including review of the Company's operating history; and
- (b) receipt of the requisite environmental permitting approval.

Refer to the ASX announcements dated 9 January 2019 and 28 February 2019 for further details.

In operating the Vista Gold Plant, Titan will target a significant increase in production over the coming year. During calendar year 2018 production at the Tulin gold plant (for which the right to operate was acquired as part of the acquisition of Andina Resources Ltd completed in September 2018) was 6,957 oz of gold and 8600 oz silver which resulted in US\$8,922,000 of metal sales with an average realised gold price of US\$1,264 per oz. The increase in production anticipated in the next six months, will more than double the previous year's production and is well within the Vista Gold Plant's current capacity.

Titan's Executive Chairman Mr Matthew Carr commented: *"We are extremely pleased with the achievement of this important milestone and consider that the receipt of the final operator's permit from the Peruvian authorities is testament to the quality and professionalism of our Peruvian operational and management team and is a validation of Titan's social licence to operate in Peru. We look forward to commencing commercial operations at the Vista Gold Plant."*

Vista Gold Plant

The Vista Gold Plant has a nameplate capacity of 150 tonnes per day and can generate up to 90 ounces of gold per day based on monthly average grades ranging from 17g/t to 20g/t gold as achieved in 2018 calendar year. Initially the Vista Gold Plant will operate at a rate of 80tpd at commencement of commercial production, and is targeting a production rate of 120tpd within a period of six months. The Vista Gold Plant has been both permitted and designed to increase its capacity to 350tpd with minimal capital outlay, and can be readily upgraded when warranted.

The Company has retained the gold processing and plant development team which was in place at the time of the acquisition of Andina Resources Ltd (refer to ASX release dated 12 July 2018). The highly experienced Peruvian team will operate the Vista Plant for Titan brings a depth of processing knowledge and has an excellent reputation which will allow the company to acquire high-grade ore from licensed artisanal miners in the region.

The Titan team has, and will continue to produce environmental and socially responsible gold.

During the permitted trial period, the Company completed full operational trials and wet commissioning work, from which it the Vista Plant produced an estimated 700 ounces of gold from material treated. Acquisition of mineralised material continued during the trial and commissioning phase of the Vista Plant, where a protracted rainy season lasting from early January to mid April 2019, has in general, impacted gold production from artisanal miners in the country, and particularly,

in areas producing higher-grade gold bearing material. In southern Peru, the average gold grades and available tonnage of material were lower than usual during this 4 month period.

In the medium to long term, growth to the Vista Plant's production profile will be achieved by leveraging on Titan's presence and landholdings within the approximately 100km long Nazca–Ocoña metallogenic belt to define significant mineral resources. Titan continues to assess opportunities to advance the Company's mine development strategy, and is actively working toward permitting of priority targets for 2019 drilling.

ENDS

About Titan Minerals Ltd

Titan Minerals is a gold and copper explorer and the owner and operator of a gold treatment business in a well-established mining region of Southern Peru. A centralized processing plant produces loaded carbon from a CIP gold circuit, with feed previously averaging 17 to 24g/t gold head grades sourced from licensed third party operators.

The Company is also currently progressing a proposed merger with Core Gold Inc (TSX.V: CGLD). The merger, subject to meeting conditions precedent (refer to ASX announcement dated 25 February 2019) will create a diversified Latin America focused ASX-listed gold company with a robust portfolio of exploration, development and production assets in both the emerging mining jurisdiction of Ecuador and the well-established mining jurisdiction of Peru.

The Company is continuously evaluating additional projects in gold, copper and other commodities within Peru, Ecuador and elsewhere for acquisition or joint venture to grow shareholder value.

For further information on all aspects of the company and its project please visit:

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