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COMPETENT PERSON'S STATEMENT

The information in this document that relates to the Torrecillas gold project and the San Santiago concessions is based on information compiled and conclusions derived by Mr Aidan Platel. Mr Platel has over 17 years' experience in the minerals industry, in both mining and exploration roles across a wide range of commodities. Mr Platel has the relevant qualifications, experience and independence to be considered a "Competent Person" as defined by the JORC Code (2012). Mr Platel consents to the inclusion in this presentation of the matters based on his information and has reviewed all statements pertaining to this information in the form and context in which it appears.

Information in this document relates to the following previous ASX announcements:

- 27 November 2012, New Gold Discovery at Torrecillas Project, Peru;
- 1 February 2013, Tessie Vein System Discovered at Torrecillas Gold Project, Peru;

22nd of April 2013, Exploration and trial mining update from Tessie project - Torrecillas Project

Exploration results were prepared and first disclosed under the JORC code 2004. It has not been updated since to comply with the JORC code 2012 on the basis that the information has not materially changed since it was last reported (see Minera Annual reports 2012-2014 and various corresponding ASX releases.)

The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the original market announcements continue to apply and have not materially changed. The company confirms that the form and context in which the competent persons findings have not been materially modified from the original announcement.

Emerging Major South American Gold Producer



Peru

Emerging Major South American Gold Producer

- Exposure to quality gold mining assets and infrastructure in Peru via completion of Andina merger and Mirador acquisition
- Peru is the World's 6th largest producer of gold World's 2nd largest producer of silver World's 3rd largest producer of copper and zinc Only country in South America formalizing small scale mining sector
- Strategically located gold and copper mineral processing plants: Combined processing capacity is 415,000TPA
 - o The Vista gold processing plant in Southern Peru (4Q 2018 Commissioning) and;
 - The Mirador gold processing plant in Northern Peru Operating and expansion underway
 - San Santiago copper plant
- Utilise processing plants to treat the mine ready Torrecillas Gold Project (located near Vista plant) with significant exploration upside over 130sqm including 20 vein systems and the large-scale Peruvian independent high-grade gold mining market estimated at US\$3 billion per year
- Strong network and presence in Peru with senior management having been in-country for ~10 years
- Board focussed on significant cash flow growth from production, continued project development and regional consolidation
- Ideally positioned for growth



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Company Overview - Titan Minerals (ASX.TTM)



Company Snapshot

- ASX-listed copper/gold mining business with a strategic focus on the wellestablished mining region of Peru
- Positioned to develop advanced Peruvian properties, the Torrecillas gold project and the processing infrastructure comprising the Vista, Mirador, San Santiago and Tulin processing plants
- Combined processing capacity 415,000 tons per annum
- Head grade average 16 grams per ton
- Unique strategy to mill wholly-owned ore and retain ability to process highgrade artisanal ore
- Over 25,000 hectares of concessions
- Established track record of production and sales from multiple operations

Capital Structure (A\$m)

Company Ticker	ASX:TTM
Current Share Price	A\$0.034
Fully Diluted Share Capital Outstanding	~1,715m
Fully Diluted Market Capitalisation	A\$58m
Cash & Equivalents ¹	A\$2.9m
Debt	NIL

⁽¹⁾ As at 31 March 2018

Share Price Performance (TTM)



Board and Management

Matthew Carr	Executive Chairman
Robert Sckalor	Non-Executive Director
Nick Rowley	Non-Executive Director
Cameron Henry	Non-Executive Director
Zane Lewis	Company Secretary



Titan Minerals hold a suite of assets across the mining spectrum ensuring full integration across the value chain





Construction of the plant to complete in Q3 2018. When complete and licensed, the plant will have a permit capacity of 127,000 tonnes per annum. Initial production will begin at 200TPD. Expected grades for each mill will be 16 grams per ton.

San Santiago Concessions

Copper-gold project located comprising of 9,000 hectares of mineral concessions together with a beneficiation plant that currently toll-treats copper ores from nearby artisanal miners.



Mirador Processing Plant

Hybrid conventional style processing facility. Installed is a sulphide flotation circuit with current capacity at 200 tonnes per day and a 150TPD tonne per day CIP gold circuit being configured to treat gold oxide ore. 127,000TPA

Torricillas Concessions

Advanced development and exploration gold project located 640km south of Lima, in southeastern Peru comprising approximately 15,000 hectares of mineral concessions which contain a number of narrow vein, high-grade mineralised structures.



San Santiago Processing Plant

Fully permitted for copper with a 530 tonnes per day (TPD)193,000 ton per annum plant installed processing capacity through a combination of its three circuits.

Mirador Concessions

Six 100% owned mineral concessions in proximity to the Mirador Processing Plant. Over 4000 hectares.



Tulin Processing Plant

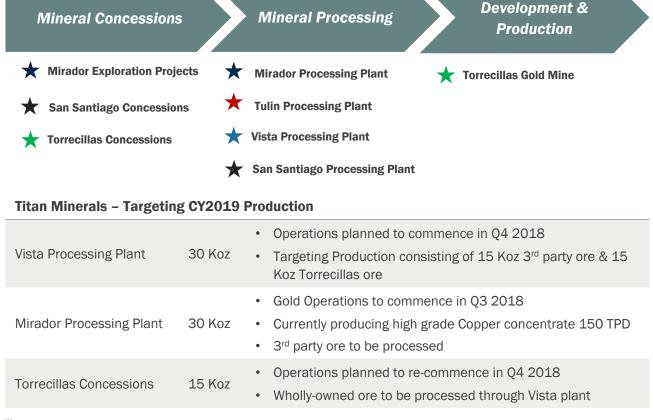
Licensed for 25,550 tons per annum with ore purchased from licensed artisanal gold miners in the local mining district. Profitably milled over 50,000 tonnes of ore grading having averaged 17-20 grams per ton since 2014.



Strong portfolio of mining assets across the value chain, from mineral exploration and production to mineral processing infrastructure

- Complementary assets across the mining spectrum ensuring full vertical integration across the value chain
- Leverage respective board and management relationships and experience in Peru
- Significant potential for operational synergies to be further explored





^{1.} Subject to Titan's completion of the Andina Resources and Kairos/Mirador acquisitions

Our Infrastructure Advantage



Titan has a unique strategy of mining wholly owned ore through it's current infrastructure whilst retaining the ability to mill additional high grade artisanal ore

Vista Processing Plant

- Acquiring via Andina merger
- Brand new CIP facility, commissioning 4Q 2018
- Permitted processing capacity up to 127,000 tons per annum located in strategic close proximity to multiple gold producer regions
- Targeting to treat 16g/t + ore
- · Andina has operated gold toll treatment plants in Peru for over 8 years
- Infrastructure and key personal well equipped to expand

Mirador Processing Plant

- Acquiring via the Kairos acquisition
- Fully permitted plant is operational
- Currently operating copper circuit processing >4,000 tonnes per month
- Upgrading gold circuit to 70,000 tons per annum
- Gold and copper License capacity of 125,000 tons per annum
- Currently treating 48,000 tons copper ore via third party arrangement
- Expansion to the north with access to significant supply opportunities





Vista Processing Plant & Torrecillas Gold Mine



Vista Processing Plant and Torrecillas Gold Mine

- Located 500km South of Lima and 500 metres from the Pan-American
- New 200 tpd "Vista Gold" CIP Plant 80% complete located in strategic close proximity to multiple gold production regions
- Andina has operated gold toll treatment plants in Peru for 8 years
- · Infrastructure and key personal well equipped to expand
- Expansion to the north with access to significant supply opportunities
- Strategy to produce base load of 50,000oz per annum from plants excluding gold mined at Torrecillas
- Primero Group visited the Vista plant 6 months ago and will offer ability to improve efficiency and further expansion to 127,000 tons per annum
- Andina Resources Ltd owns 100% of the Torrecillas mine with an JORC inferred resource of circa 102,000oz
- Torrecillas mine has in excess of US\$20,000,000 spent on underground development and exploration since 2008
- Owns 100% of the broader 13,000 hectares of concessions subject to the earn-in right by Titan





Subject to Titan's completion of the Andina Resources acquisition



Fully Permitted and Operational plant currently undergoing expansion

- Located 450km north of Lima and 500 metres from the Pan-American Highway along with 6 wholly owned mineral concessions
- Fully permitted plant is operational, currently operating its copper circuit processing over 4,000 tons per month with a backlog of flotation feed material delivered and ready for processing
- Capacity permitted 340TPD (10,000 tons per month), the license allows carbon in pulp and flotation up to 340TPD¹
- Target major cost savings, as plant is closer to higher grade copper and gold mines resulting in higher grade feedstock
- Several potential improvements have already been noted to increase plant efficiency and recoveries within the circuits. These will also coincide with the stage 1 works currently underway
- The 'stage 2' expansion plans due to be completed during CY 2019 will expand the capacity of the CIP circuit to 200 tpd
- Experienced personnel from the existing Kairos' operational team operating the plant for a minimum one year from purchase date along with Titan's experienced in-country management team





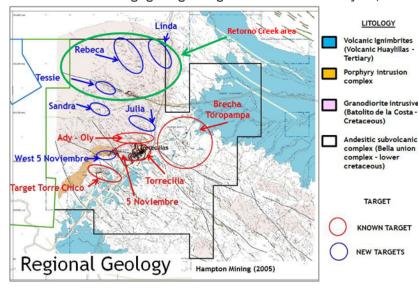
Exploration - Torrecillas Gold Project | Peru



Highly prospective Torricellas gold concessions & New Targets identified

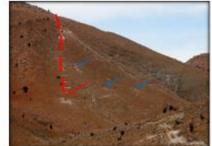
- Advanced exploration gold project, located 530km southeast of Lima, Peru
- Comprises 24 mining concessions over 13,000Ha containing over 20 known high grade, narrow vein systems
- Tenement package includes production stage concessions Retorno I, Retorno III and Retorno situated over 1,765 hectares, and 21 exploration concessions (over 10,000 hectares) adjoining the Retorno blocks
 - Torrecillas vein has 100,000oz inferred resource proving high grade mineralisation
 - o Previous assay results from the Tessie vein highlighted grades of 22.0g/t Au
 - o Previously operational Torrecillas mine averaged head grades of 16g/t Au
- Systematic detailed surface mapping and channel-sampling undertaken in 2012 discovered numerous high-grade gold vein systems within the Torrecillas tenure
- Six new target areas Rebeca, Tessie, Linda Julia, Sandra and 5 Noviembre West were defined, (and remain unexplored), in addition to the previously-identified vein systems of Torre Chico, Ady-Oly, 5 Noviembre and Brecha Toropampa
- Vein systems structurally controlled and vary in strike between east-west to nor northwest south southeast, in accordance with the regional trend.
- The identified strike lengths of these vein systems are all greater than 300m and up to 850m, in comparison to the vein system at Andina's Torrecillas Gold Mine which has less than 200m of strike and had a JORC inferred resource of over 100,000oz (Au).
- Historic channel samples represent such high grade Au hits (9.63g/t, 14.9g/t, 6.81g/t, 238g/t, 17.15g/t, 12.65g/t, 26.3g/t) validating the our strategy of exploring and mobilising drilling rigs during 2018

Location of high-grade gold target areas at Torrecillas Projects, Peru



Location of the high-grade gold Tessie vein system in outcrop; trench-sampling of the Tessie I vein in 2012





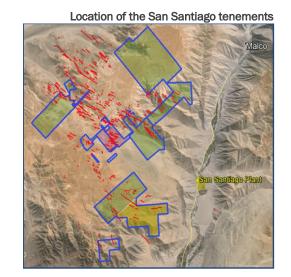
Exploration - San Santiago concessions



The San Santiago concessions have significant exploration upside with several deposits showing high grade copper systems

- 9,000Ha of exploration concessions surrounding the SSP, in the Cobrepampa area, which has been producing copper, gold and silver for 40+
 years
- Stapled on the same geological structure and directly adjacent to Jinzhao Mining's copper-iron-gold project, Pampa de Pongo (currently under development)
- 3 copper deposits (Purisima, Brasil and Decimo Quinto) already identified currently to provide feed for the floatation circuit of the SSP
 - o Plant historically processed high grade copper to the market place with assay results showing Cu grades between 7-9%
- Each of the prospects feature a similar geological setting \rightarrow repeat parallel vein systems with the potential for a large underlying system
- Previous channel sampling mapped out the extensions of the rich vein systems → high grade results (e.g. 0.85m @ 7.68%Cu, 2.08g/t Au & 5.6g/t Ag)
- San Santiago plant ready with capacity at 175,000T per annum.

Indicative exploration program	2Q 2018	3Q 2018	4Q 2018	H1 2019	
Detailed tenure mapping and sampling	Formerly completed by Minera Gold				
Project scale ground magnetics survey to identify main target areas					
Target scale ground induced polarisation and resistivity surveys				•	
Diamond drill program of best targets					
2,000m drill program to define a Mineral Resource					

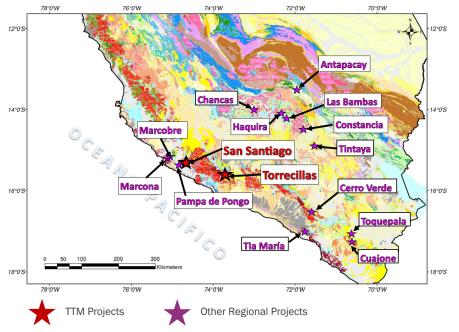


Peru and Independent Gold Mining

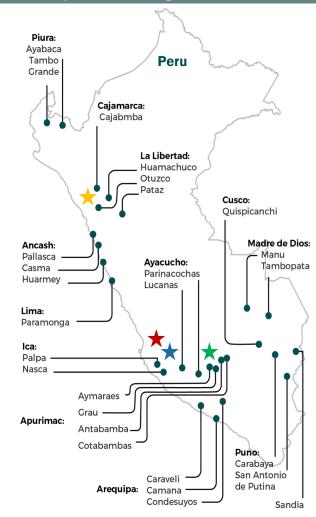


- Government data shows there are in excess of 200,000 independent artisanal miners working across Peru, accounting for at least 20% of gold production = equating to \$3 billion per year.
- The Government actively encourages responsible independent artisanal mining activities.
 In 2012 the Government introduced a "formalization" process to put an end to the extraction of illegal gold, the process was further extended in 2017 to encourage more independent artisanal miners to become formalized.
- Not enough national mineral processing plants in place to service the formalized independent mining community.

• Titan sees this type of dynamic growth in the sector to be a unique and significant business opportunity and intends to provide a solution that will meet all stakeholders needs.



Independent Mining at National Level



There are no exact figures on the number of informal miners, although activity has spread to almost the entire country.

Strategic Outlook



- Expand existing supply network and start production from wholly owned mines aiming to produce **75,000oz of Gold annually**.
- Increase cashflow through increased production.
- Combined plants can mill 415,000 tons per annum, with capacity reached in the next 2 years.
- **Exploration program to commence** on exciting and proven mineral concessions. Program driven from cash flow and profit generated from existing operations.
- **Expand asset base of gold concessions** and mines by proving up 20 known vein systems within existing concessions and use cashflow to expand gold portfolio.
- Aiming to be the largest South American focused miner / producer on the ASX.
- Margin protection with the hybrid mix of high grade ore from Independent miners along with gold from our wholly owned mines.



Torrecillas Gold Mine, Peru

CONTACT US

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