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DYNASTY GOLD PROJECT

Ecuador's Next Multi-Million Ounce Gold Development

ASX:TTM | TITANMINERALS.COM

TITAN MINERALS LTD

INVESTOR PRESENTATION | IMARC | OCTOBER 2026

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And Forward-Looking Statements

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Investment Highlights

Large-scale gold developer with resource growth and studies underway

100% Owned Dynasty Gold Project

- 3.9Moz gold @ 1.85 g/t Au & 26.1Moz silver @ 12.38 g/t Ag MRE
- 2026 MRE update delivered increase of 25% gold and 19% silver
- High grade resources from surface (no pre-strip)

Corporate Interest Growing

- Large open pit potential in large-scale system- a rare project of significant scale, that continues to grow
- Lingbao Gold[1] 9% strategic partner
- Growing corporate interest and strong M&A backdrop in Ecuador

Active Programs & Strong Newsflow

- Compelling growth targets
- 20,00m drill program underway, strong and consistent news flow
- Dynasty MRE update and Scoping Study targeted Q1 2027



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Gold-Silver & Copper Projects in Andean Copper Belt, Ecuador

Infrastructure in place to support growing mining industry



Permits in Place

- Permits in place for small-scale mining and unrestricted exploration at Dynasty
- Low Elevation, exploration year-round

Strong Government Support

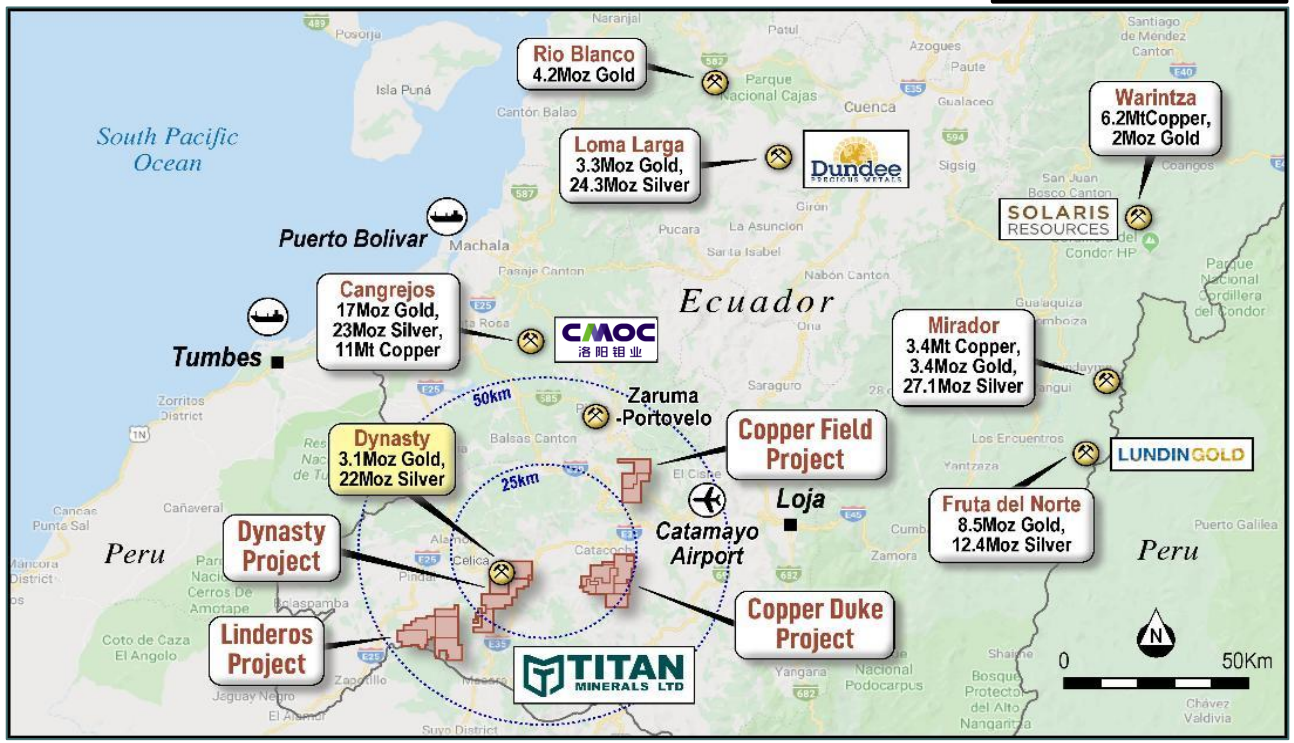
- Lundin Gold's Fruta del Norte +$20 billion gold producer
- Mining a leading export, US$4.1 billion in 2025
- Strong support and incentives for mining industry

Rich in Infrastructure

- Infrastructure rich and workforce ready
- Regional town of Celica 10km from the Dynasty Project
- Daily flights from Quito and highway network connecting to infrastructure

Strategic investment interest

- Emerging Tier 1 Mining Jurisdiction with a recent surge in strategic investment in gold and critical metals
- Significant Chinese investment over past 2 years with strong M&A backdrop

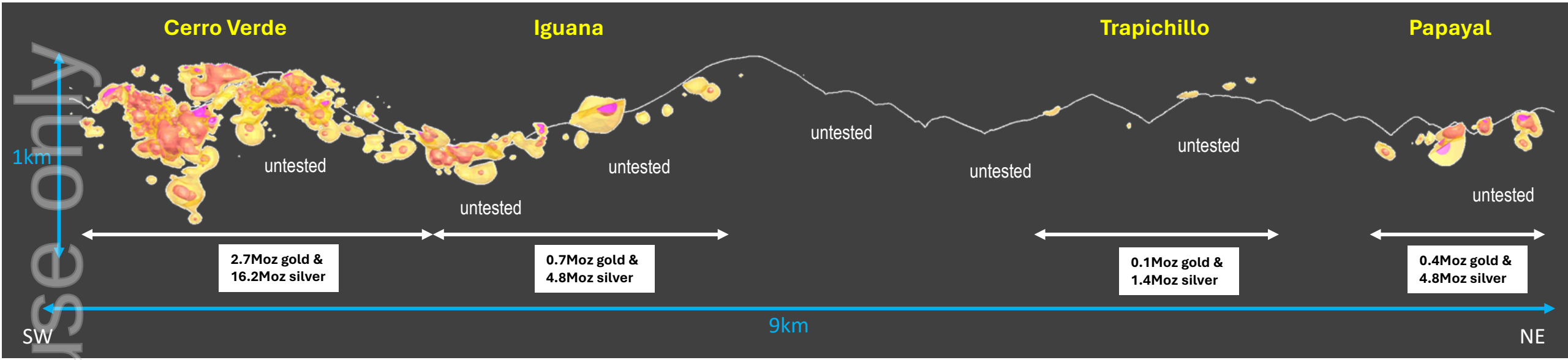


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Dynasty Gold Project: 3.9Moz gold & 26.1Moz silver and growing

100% owned, large-scale, high-grade with substantial growth potential demonstrated



Dynasty Gold Project long section displaying 5 and 10 Au gram gold metre contours (Not MRE), 1.5km wide viewing plane

100% Owned Dynasty Gold Project

- **3.9Moz gold and 26Moz silver**
- **+9km long epithermal gold system still open!**
- Potential for large scale, low cost, open pit mine

Large-Scale Resource from Surface

- 65.6Mt @ 1.85 g/t Au, 12.4 g/t Ag
- **47% MRE in top 100m**
- **76% MRE in top 200m**
- 36% Indicated Resources

Resource Growth Set to be Delivered

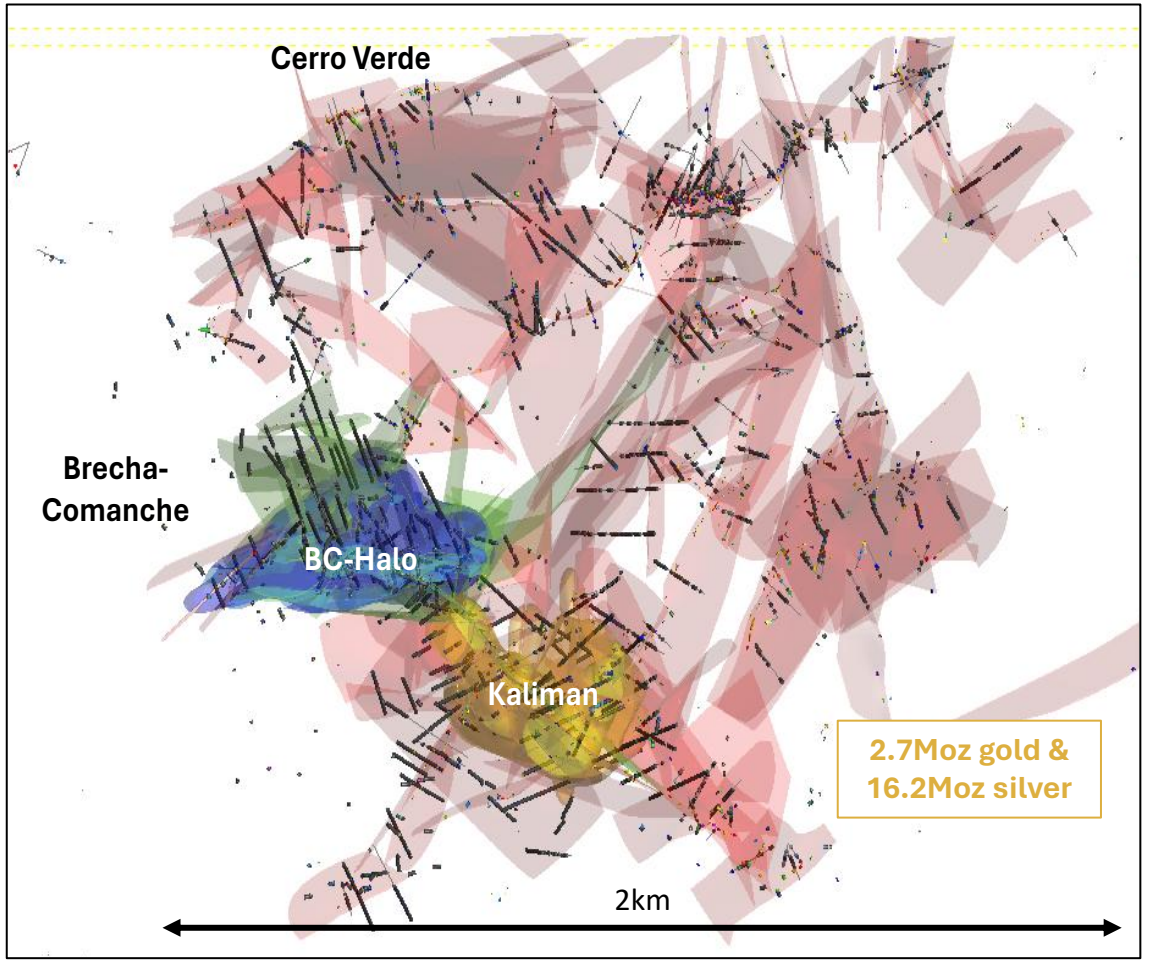
- 20,000m drill program underway
- **Significant scope to grow resources** with continued exploration over 9km long mineralised corridor
- **Multiple untested targets**
- **MRE upgrade targeted Q1 2027**

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Dynasty: MRE Update Delivers Strong Growth at Cerro Verde

Robust resources set for further growth and conversion

- March 2026 resource delivered **increase of 41% gold and 34% silver**, discovery cost of ~US$6.30/oz gold
- **Cerro Verde hosts 70% of resources** - 50Mt @ 1.66g/t Au, 9.9 g/t Ag for 2.7Moz gold and 16.2Moz silver
- **Oxide resources 12.1Mt at 1.88g/t Au and 11.2g/t Ag for 0.7Moz gold and 4.4Moz silver**
- **Substantial oxide resource base gives low capital start-up** and early cash flow from initial years of mining
- **Resources from surface** down to ~670m depth, but majority of Dynasty gold system only tested down to ~200m
- **Inferred Resources set to be upgraded** with infill drill program underway
- **Expansion of wide and high-grade mineralisation being targeted** by resource extensional drilling at Cerro Verde



Plan view of Cerro Verde deposits showing drill hole traces and mineralisation domains

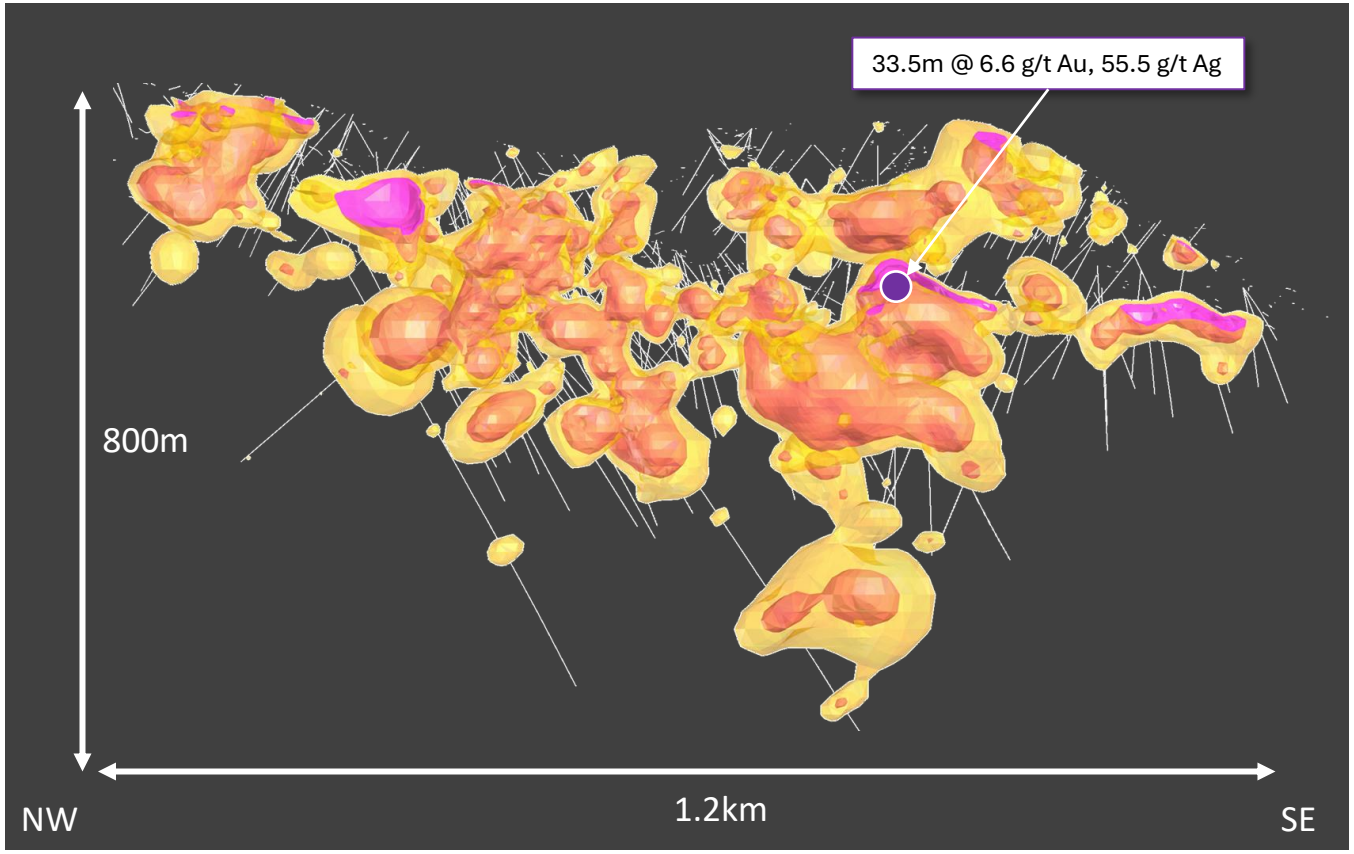
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Dynasty: Cerro Verde Drilling Delivers New Discovery

Latest results point towards much larger mineral system with previously untested structural control

- **Extensive zone of shear and vein hosted gold-silver mineralisation discovered in recent drilling**, returning a significant intercept of:
  - **33.5m @ 6.6 g/t Au, 55.5 g/t Ag** from 236.7m
- Mineralisation intersected **outside current resource**, representing a valuable resource addition and a new style of mineralisation to be targeted for resource expansion
- This result has highlighted the **importance of the northwest structural corridor**, providing a conduit for pervasive mineralisation
- Most of the shear hosted mineralisation has **likely been missed by previous drilling** given the orientation
- Exciting implications for growing resources within the structural corridor

Cerro Verde long section displaying drill traces and 5 and 10 Au gram gold metre contours (Not MRE), 1.2km wide viewing plane

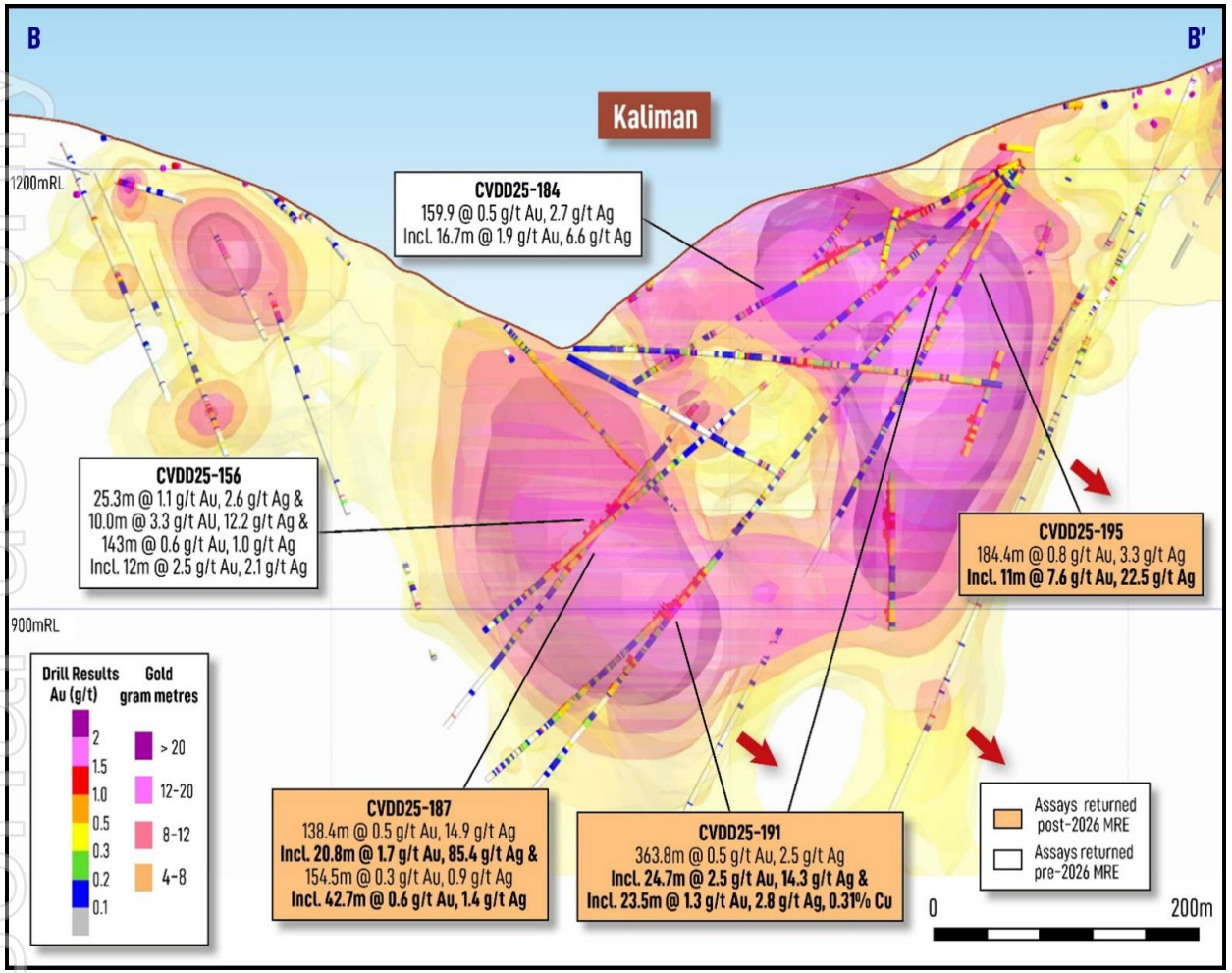


Drilling underway to define potential repetitions and lateral extensions to shear hosted mineralisation

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Dynasty: Porphyry System Still Growing

Porphyry hosted gold-silver & copper mineralisation from surface at Cerro Verde



Cross section showing porphyry hosted mineralisation from surface at Cerro Verde

Significant Porphyry Drill Intersections

- **102.7m @ 1.6 g/t Au Eq**. from 46.5m
- **216.6m @ 0.6 g/t Au Eq**. from 4m
- **159.9m @ 0.7 g/t Au Eq.** from 2.1m
- **138.4m @ 0.8 g/t Au Eq.** from 3.6m & 42.7m @ 0.8 g/t Au Eq from 263.3m
- **143m @ 0.7 g/t Au Eq.** from 147m
- **153m @ 0.6 g/t Au Eq.** from 107m
- **142.6m @ 0.5g/t Au Eq.** from 12.1m
- **115m @ 0.7 g/t Au Eq**. from 0m & **161m @ 0.6 g/t Au Eq.** from 146m
- **129.4m @ 0.5 g/t Au Eq.** from 298m

Received after March 2026 MRE:

- **184.4m @ 0.8 g/t Au, 3.3 g/t Ag** from 3.6m
- **363.8m @ 0.5 g/t Au, 2.5 g/t Ag** from 2.2m
- **137.7m @ 0.4 g/t Au, 1.3 g/t Ag** from 46m

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Dynasty: Key Derisking Workstreams Completed

Updated MRE to drive upcoming mine studies and Dynasty scoping study

Mineral Resource Estimate Update

- MRE update planned Q1 2027
- Extensional drilling to **grow MR**E & infill drilling to **maximise Indicated resources** within pit

Engineering & Infrastructure Studies

- Preliminary mine studies complete- to be updated post 2027 MRE
- Process design and capex/ opex study underway
- TSF and waste rock studies underway

Orelogy

Ausenco

Preliminary Metallurgical Testwork

- Preliminary recoveries for **oxide 85-88%** and **fresh 91%**
- **Opportunity to improve recoveries** in future testwork

Environmental Baseline Studies

- **Small scale mining permit already obtained**
- Routine monitoring of soil, water, stream sediment, noise and air provides large dataset for mining permits

Knight Piésold CONSULTING

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Key Milestones & Objectives

Work program focused on resource expansion, conversion and development studies

Discovery → Grow Resources → Convert Resources → Update MRE → Scoping Study → PFS

	Q1 CY2026	Q2 CY2026	Q3 CY2026	Q4 CY2026	Q1 CY2027	Q2 CY2027	Q3 CY2027	Q4 CY2027	Q1 CY2028
Planned Activities									
Resource Growth Drilling									
Resource Infill Drilling									
Mineral Resource Estimate									
Scoping Study									
Pre-feasibility Study									
Environmental Baseline & Social Impact Studies									



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Corporate Snapshot | ASX: TTM

Strong investment case and institutional support

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Capitalisation

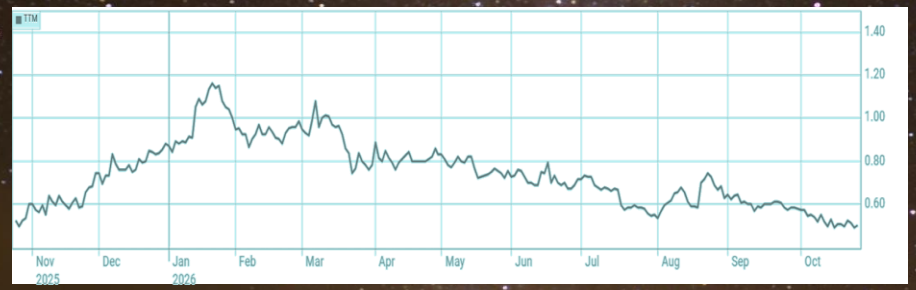
Share Price[1]
A$0.50

Net Cash [2]
A$8.5M

Market Capitalisation
A$150M

Enterprise Value
A$141M
*EV ~**A$36/oz gold***

1 year share price chart



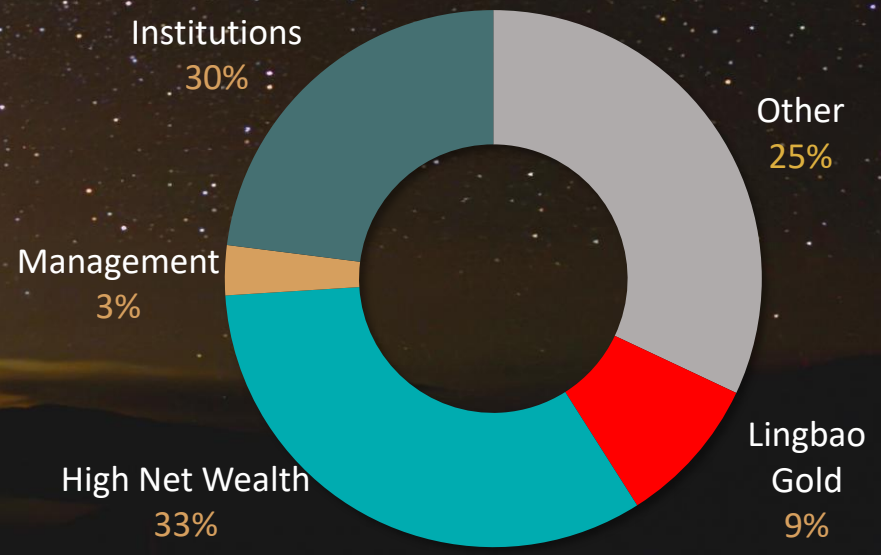
Research Coverage

Paul Howard

Mike Milikan

Justin Chan

Ownership Structure



Major Shareholders

Tribeca 15%
Lingbao Gold 9%
Franklin Templeton 5%

1. *As at 25 August 2026. 2.As at 30 June 2026*

Board & Management Team

Proven track record in discovery, development, mine operation and deal making



PETER COOK
NON- EXECUTIVE CHAIRMAN
Geologist & Mineral Economist

- 40 years in mining and corporate management.
- Founded & served as Managing Director/ Chairman for many successful resource companies.



MATTHEW CARR
EXECUTIVE DIRECTOR
Entrepreneur & Project Developer

- Experienced company director, founder of a PE group with a focus on property backed investment and security.



BARRY BOURNE
NON-EXEC DIRECTOR
Geologist and Geophysicist

- Founder and Principal Consultant at Terra Resources, specialising in exploration targeting.
- Held senior and management roles with Barrick Gold and Homestake Gold.



MELANIE LEIGHTON
CHIEF EXECUTIVE OFFICER
Geologist & Corporate Manager

- 25 years' experience in exploration and mining in precious & base metals.
- Considerable experience in Latin America, exploring and developing porphyry copper and epithermal gold deposits.



JOHN NOLAN
CHIEF OPERATING OFFICER
Mine Builder

- 35+ years' experience across exploration, project development and operations.
- Leadership of multidisciplinary teams through project lifecycle, from resource, feasibility studies to mine development and operations.
- Expertise in mine optimisation, mine planning and project execution.

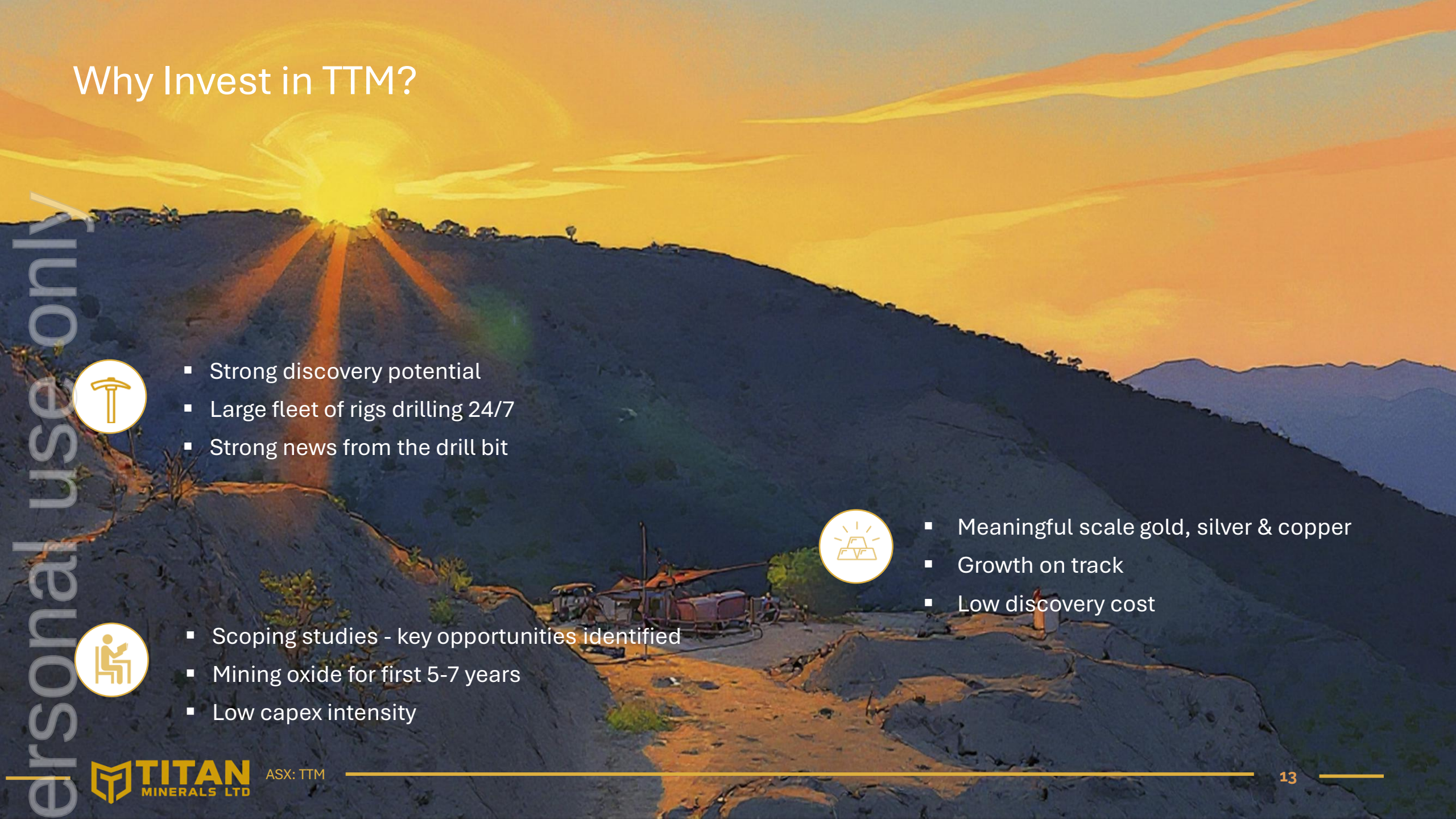


STEPHANY LOPEZ
GROUP TECHNICAL MANAGER
Geologist & Data Wizard

- +10 years' experience in resources.
- A strong background in GIS, data management and exploration.
- Significant experience in data validation, organisation, mapping, and QAQC controls for exploration projects and development studies.

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Why Invest in TTM?



- Strong discovery potential
- Large fleet of rigs drilling 24/7
- Strong news from the drill bit

- Meaningful scale gold, silver & copper
- Growth on track
- Low discovery cost

- Scoping studies - key opportunities identified
- Mining oxide for first 5-7 years
- Low capex intensity

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Metal Equivalents & MRE

METAL EQUIVALENT VALUES – REQUIREMENTS UNDER THE JORC CODE

Copper Equivalent. Assumed commodity prices for calculation of Copper Equivalent (Cu Eq) is Cu US$4.50/lb, Au US$3,000/oz, Mo: US$15/lb and Ag US$35/oz. Recoveries are assumed from similar deposits: Cu = 85%, Au = 65%, Ag = 65%, Mo = 80%. Cu Eq (%) was calculated using the following formula: ((Cu% x Cu price 1% per tonne x Cu recovery) + (Au(g/t) x Au price per g/t x Au recovery) + (Mo ppm x Mo price per g/t x Mo recovery) + Ag ppm x Ag price per g/t x Ag recovery)) / (Cu price 1% per tonne x Cu recovery). Cu Eq (%) = Cu (%) + 0.63195 x Au(g/t) + 0.00027 x Mo (ppm) + 0.00737 x Ag (ppm

Gold Equivalent. Assumed commodity prices for calculation of Gold Equivalent (AuEq.) are Au US$4,000/oz and Ag US$60/oz and Cu US$5.00/lb. Recoveries are assumed from preliminary metallurgical testwork and similar deposits: Au = 90%, Ag = 89%, Cu = 90%. AuEq. (g/t) was calculated using the following formula: ((Au + (Ag ppm x Ag price per oz x Ag recovery) + (Cu ppm x Cu price per oz x Cu recovery)) / (Au price per oz). Au Eq (g/t) = Au (ppm) + 0.01338 x Ag (ppm) + 0.77145 x Cu (%)

TTM confirms that it is the Company's opinion that all the elements included in the metal equivalents calculation have reasonable potential to be recovered and sold.

COMPETENT PERSON'S STATEMENTS

The information in this report that relates to Exploration Results is based on and fairly represents information compiled by Ms Melanie Leighton, who is an experienced geologist and a Member of The Australian Institute of Geoscientists. Ms Leighton is a full-time employee at Titan Minerals and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which she is undertaking to qualify as a Competent Person as defined in the JORC 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources, and Ore Reserves'. Ms Leighton consents to their inclusion in the report of the matters based on this information in the form and context in which it appears.

With respect to estimates of Mineral Resources, announced on 18 March 2026, (MRE Announcement) the Company confirms that it is not aware of any new information or data that materially effects the information in the MRE Announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

With respect to estimates of Mineral Resources, announced on 6 July 2023, (MRE Announcement) the Company confirms that it is not aware of any new information or data that materially effects the information in the MRE Announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

DYNASTY MINERAL RESOURCE ESTIMATE

Table 1. Dynasty Gold Project Combined Total Mineral Resource Estimate reported by deposit area

MRE Version	Deposit	Tonnes	Grade		Ounces (M)	
		(M)	(Au g/t)	Ag (g/t)	Gold	Silver
2026[1]	Cerro Verde	50.82	1.66	9.89	2.70	16.15
2023[2] (unchanged)	Iguana	10.93	2.02	13.68	0.71	4.81
	Trapichillo	2.94	3.80	39.31	0.36	3.71
	Papayal	0.87	4.54	50.85	0.13	1.43
Total Combined MRE		**65.55**	**1.85**	**12.38**	**3.90**	**26.10**

NB. Minor discrepancies may occur due to rounding. Tables are rounded as the final steps. Totals are not calculated after rounding. M – million. g/t – grams per tonne.

Table 2. Dynasty Gold Project Combined Total Mineral Resource Estimate reported by resource categorisation

Resource Category	Tonnes (M)	Au (g/t)	Ag (g/t)	Au Oz (M)	Ag Oz (M)
Indicated	17.36	2.18	13.94	1.21	7.78
Inferred	48.20	1.73	11.82	2.68	18.32
Total MRE	**65.55**	**1.85**	**12.38**	**3.90**	**26.10**

Note. Minor discrepancies may occur due to rounding. Tables are rounded as the final steps. Totals are not calculated after rounding. M – million. Oz-ounce. g/t – grams per tonne.

Notes. July 2023 MRE:

- *Cerro Verde, Iguana, Papayal and Trapichillo deposits included in the MRE.*
- *Reported ≥ 0.5 g/t Au.*

Notes. March 2026 MRE:

- *Cerro Verde deposit update included in the MRE.*
- *Iguana, Papayal and Trapichillo resources remain unchanged.*
- *Epithermal Resources reported ≥ 0.5 g/t Au in constrained open pit optimisation (US$4200/Au +US$75/Ag) and reported > 1.5 g/t Au below open pit (fresh material only). Kaliman porphyry hosted resources reported ≥ 0.3 g/t Au in constrained open pit optimisation (US$4200/Au +US$75/Ag) .*

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