

DYNASTY GOLD PROJECT DRILLING PROGRESS UPDATE

4,600m of drilling completed as part of resource growth strategy

Key Highlights

- Dynasty resource extensional and infill drilling now well advanced with 20 diamond holes completed for 4,600m.
- Drilling has tested Iguana and Iguana east resource extensions, with drilling confirming and extending mineralisation at depth, where it remains open.
- Breccia hosted mineralisation intersected in drilling at Iguana east has highlighted the potential to define substantial additional breccia hosted gold-silver mineralisation, akin to that seen at Cerro Verde prospect, which hosts 1.9Moz gold and 12Moz silver.
- Extensional drilling at Cerro Verde, has been designed to test new depths of the mineral system, probing the contact between the andesite sequence, Kaliman porphyry, and associated breccia zone to define the potential for further wide, high-grade mineralisation.



Plate 1: Hole IGDD24-037 diamond core from Iguana east prospect, Dynasty Gold Project. The photo displays a 5.1m wide mineralised hydrothermal breccia zone with argillic alteration intersected from 66.3 to 71.4m depth. The zone exhibits stockwork veining comprising ~10-30cm wide massive quartz-carbonate veinlets and disseminated sulphide minerals including pyrite (<0.1-1.2%), marcasite (0.5-1.0%) and arsenopyrite (0.5-1.2%). Assay results for IGDD24-037 expected late January 2025.

Cautionary Statement:

Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of the principal economic interest. Visual estimated also potential provide no information regarding impurities or deleterious physical properties relevant to valuations.

Titan's CEO Melanie Leighton commented:

"We've made a solid start on the Dynasty resource extensional and infill drilling program, with 3 diamond rigs in operation and 21 holes for 4,600m completed to date. The field team will take a brief break over the Christmas period while we await a large batch of assay results, which are expected to be returned in late December- early January.

Field operations will recommence on 6th January and our geologists will be use all results to refine and optimise the resource drilling program for 2025. We have a dedicated geologist undertaking real-time updates of the Dynasty geological and mineralisation models, so the transition to resource update in mid-2025 should be a seamless exercise.

With A\$20million of funding secured, we have a clear runway to deliver results from our exciting drilling programs underway at Dynasty and can also accelerate derisking studies which will assist with shaping our understanding on options for advancing the project."

Dynasty Activities Update

Titan Minerals Limited (**Titan** or the **Company**) (**ASX:TTM**) is pleased to provide an update on the Company's 100% held Dynasty Gold Project (**Dynasty**) in southern Ecuador, where it has been expanding exploration work programs into new prospective areas outside the current 3.1 Moz gold and 22 Moz silver Mineral Resource.

A 10,000m resource extension and resource conversion (infill) diamond drill program at the Dynasty Gold Project is well advanced. Three drill rigs are in operation at the Cerro Verde and Iguana prospects, with 20 diamond holes completed for 4,600m. Drill core has been logged and samples sent to the laboratory, with assay results pending.

Drilling at Iguana has been successful in confirming and extending mineralisation continuity from surface down to ~320m vertical, mineralisation remains open at depth and is set to be tested in forthcoming resource extensional drilling in 2025. Drilling at Iguana had previously only tested down to ~250m, so this deeper drilling will deliver good resource growth at depth.

Iguana east has only been sparsely drill tested with previous trenching and mapping only recognising vein hosted mineralisation within andesite and pyroclastic host units. Latest drilling at Iguana east has intersected both vein and breccia hosted mineralisation, highlighting the potential to define additional wide, high-grade breccia hosted gold-silver mineralisation just below the current drill extent.

The discovery of breccia style mineralisation at Iguana and Iguana east is akin to that seen at Brecha-Comanche target (Cerro Verde prospect) where the strongest and widest gold-silver mineralisation has been intersected at the project.

Drilling of the deeper parts of the epithermal system (below ~ 200m vertical) remain largely untested at Iguana and Iguana east, providing good potential to substantially grow the resource in these untested areas if further breccia/ intrusion related mineralisation is intersected at depth below current drill coverage.

Resource extensional drilling being completed at Brecha-Comanche has been designed to test the mineral system at depth, probing the contact between the volcanic andesite sequence, the Kaliman porphyry and diorite intrusive units and associated breccia zone. This drilling is aimed at testing the potential for wide and higher-grade mineralisation, with the intrusive units being more favourable for wider more continuous mineralisation than the vein hosted mineralisation hosted within andesites.

Recently returned trench results have added further validation to multiple targets highlighted by mapping and soil geochemistry in new areas outside current resources and never previously explored or drilled. Planned drill-testing of these new targets in 2025 has good potential to grow Mineral Resources at Dynasty in new areas. Development of additional trenches in new, highly prospective target areas continues to advance, with further results anticipated in the coming weeks.

A Mineral Resource update is targeted for mid-2025 which will be a key input to the Scoping Study which is planned to be delivered in Q3 2025. The Company looks forward to providing further updates as exploration and resource development work programs advance at the Dynasty Gold Project.

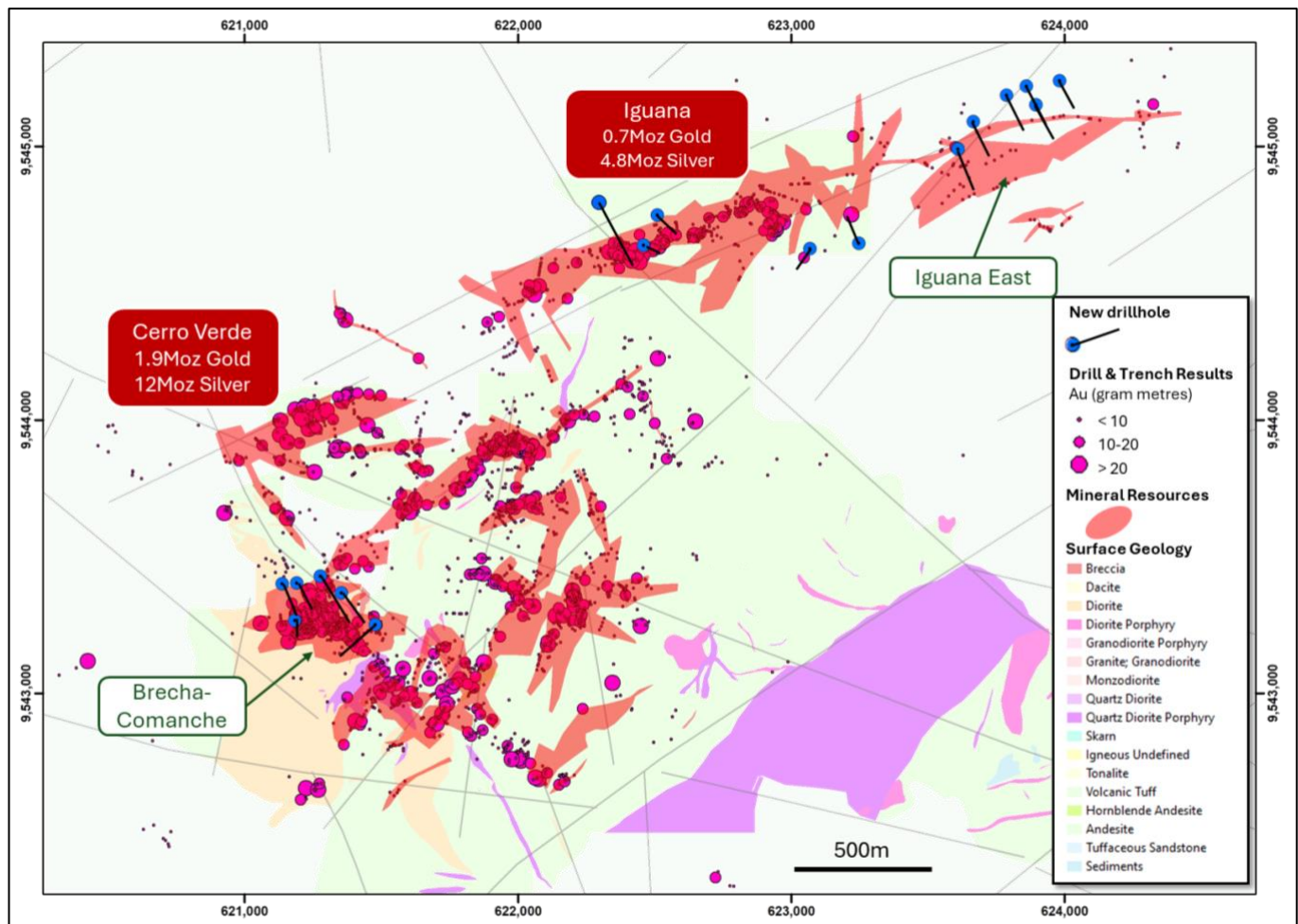


Figure 1. Plan view showing surface geology, mineral resources and recently completed resource definition diamond drilling

Table 1. Summary of Sulphide Minerals Identified in Drilling at the Iguana prospect, Dynasty Gold Project

Hole ID	From (m)	To (m)	Interval (m)	Pyrite (%)	Marcasite (%)	Arsenopyrite (%)	Mineralisation Description
IGDD24-037	66.3	68.92	2.62	0.5	1.0	1.0	Disseminated sulphides
IGDD24-037	68.92	69.74	0.82	<0.1	-	-	Massive and disseminated sulphides
IGDD24-037	69.74	71.4	1.66	1.2	0.5	1.2	Disseminated sulphides

Sulphide mineral species have been identified by geologists in hand specimen/ diamond core, through the use of handlens and high powered microscope. In addition to this, portable XRF readings have also provided an indication of elemental abundances present in diamond core, which have been used to assist with mineral identification.

Titan does caution that at this stage visual estimates of sulphide mineral abundances are provided as a guide only, and are not considered a proxy or substitute for laboratory analyses. Quantitative confirmation of sulphide mineral percentages will be confirmed by multi-element laboratory analysis, with assay results anticipated in the coming 6 to 8 weeks.

ENDS-

Released with the authority of the Board.

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About the Dynasty Gold Project

The Dynasty Gold Project is an advanced exploration- early resource stage project comprising five contiguous concessions and is 139km² in area. Three of these concessions received Environmental Authorisation in 2016 and are fully permitted for all exploration and small scale mining activities.

Exploration work at the Dynasty Gold Project has outlined an extensive zone of epithermal veining over a nine kilometres strike and two kilometres in width. There is also considerable potential for porphyry copper mineralisation as identified by surface mapping, trenching, and drilling at the Kaliman prospect and by surface geochemistry and mapping at the Cola and Gisell prospects.

Table 1. Dynasty Mineral Resource Estimate, July 2023

Dynasty Project	Tonnes (M)	Indicated				Inferred				Total					
		Grade (g/t)		Contained Metal (Moz)		Grade (g/t)		Contained Metal (Moz)		Tonnes (M)	Grade (g/t)		Contained Metal (Moz)		
		Au	Ag	Au	Ag	Au	Ag	Au	Ag		Au	Ag	Au	Ag	
Cerro Verde	15.17	2.01	13.51	0.98	6.59	13.63	2.15	12.44	0.94	5.45	28.80	2.08	13.00	1.92	12.04
Iguana	2.41	2.36	16.08	0.18	1.25	8.52	1.92	13.00	0.53	3.56	10.93	2.02	13.68	0.71	4.81
Trapichillo	0.05	1.89	9.28	0.00	0.01	2.89	3.83	39.80	0.36	3.70	2.94	3.80	39.31	0.36	3.71
Papayal	0.46	3.04	48.24	0.05	0.72	0.41	6.24	53.80	0.08	0.71	0.87	4.54	50.85	0.13	1.43
Total	18.09	2.09	14.73	1.21	8.57	25.44	2.33	16.40	1.90	13.41	43.54	2.23	15.70	3.12	21.98

Notes: 1. Reported ≥ 0.5 g/t Au. 2. Some rounding errors may be present. 3. Tables are rounded as the final steps. Totals are not calculated after rounding. 4. M – million. Oz- ounce. g/t – grams per tonne.

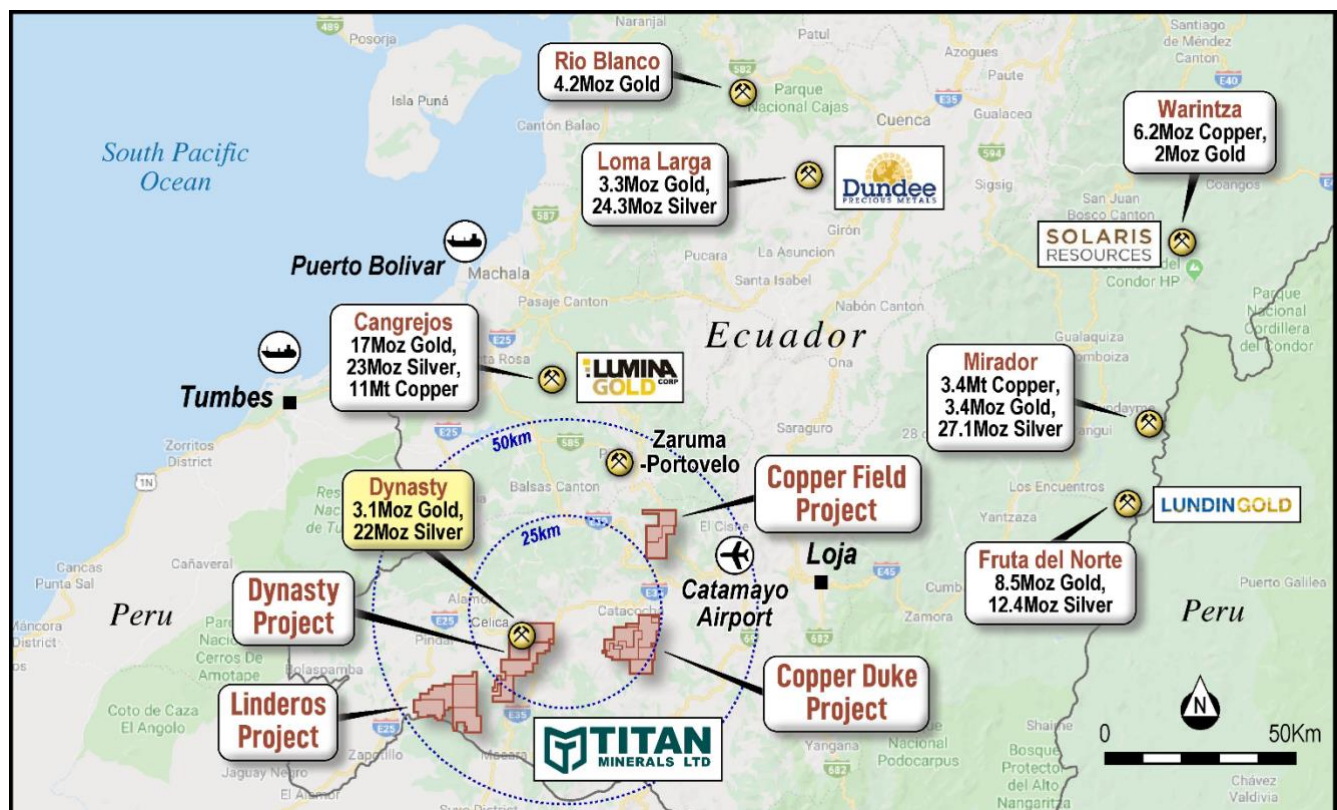


Figure 2. Titan Minerals southern Ecuador Projects, peer deposits and surrounding infrastructure

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 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.

Forward-looking Statements

This announcement may contain "forward-looking statements" and "forward-looking information", including statements and forecasts. Often, but not always, forward-looking information can be identified by the use of words such as "plans", "expects", "is expected", "is expecting", "budget", "outlook", "scheduled", "estimates", "forecasts", "intends", "anticipates", or "believes", or variations (including negative variations) of such words and phrases, or state that certain actions, events or results "may", "could", "would", "might", or "will" be taken, occur or be achieved. Such information is based on assumptions and judgments of Titan's directors and management regarding future events and results.

The purpose of forward-looking information is to provide the audience with information about Titan's expectations and plans. Readers are cautioned that forward-looking information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Titan and/or its subsidiaries to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information. Forward-looking information and statements are based on the reasonable assumptions, estimates, analysis and opinions of Titan directors and management made in light of their experience and their perception of trends, current conditions and expected developments, as well as other factors that Titan directors and management believe to be relevant and reasonable in the circumstances at the date such statements are made, but which may prove to be incorrect. Titan believes that the assumptions and expectations reflected in such forward-looking statements and information are reasonable.

Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used. Titan does not undertake to update any forward-looking information or statements, except in accordance with applicable securities law.

Cautionary Note

Titan does caution that at this stage visual estimates of sulphide mineral abundances are provided as a guide only and are not considered a proxy or substitute for laboratory analyses.

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APPENDIX B

Dynasty Project - 2012 JORC Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <i>Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i> <p><i>In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g., submarine nodules) may warrant disclosure of detailed information.</i></p>	<ul style="list-style-type: none"> Trench and Channel sampling is completed as representative cut samples across measured intervals cut with hammer or hammer and chisel techniques. Samples were dried at a temperature < 60°C, crushed to better than 70% passing a 2mm mesh and split to produce a 250g charge pulverised to 200 mesh to form a pulp sample. 50g charges were split from each pulp for fire assay for Au with an atomic absorption (AA) finish. Samples returning >10ppm Au from the AA finish technique are re-analysed by 50g fire assay for Au with a gravimetric finish. An additional charge is split from sample for four acid digests with ICP-MS reporting a 48-element suite. Within the 48 elements suite, overlimit analyses of a 5-element suite are performed with an ore grade technique (ICP-AES) if any one element for Ag, Pb, Zn, Cu, Mo exceeds detection limits in the ICP-MS method.
Drilling techniques	<ul style="list-style-type: none"> <i>Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit, or other type, whether core is oriented and if so, by what method, etc).</i> 	<ul style="list-style-type: none"> No new drilling results included in this announcement.
Drill sample recovery	<ul style="list-style-type: none"> <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> <i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i> 	<ul style="list-style-type: none"> No new drilling results included in this announcement.
Logging	<ul style="list-style-type: none"> <i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support</i> 	<ul style="list-style-type: none"> No new drilling results included in this announcement.

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Criteria	JORC Code explanation	Commentary
	<p><i>appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></p> <ul style="list-style-type: none"> <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> <i>The total length and percentage of the relevant intersections logged.</i> 	<ul style="list-style-type: none"> Rock chip and trench samples are geologically logged using qualitative descriptions for lithology, alteration. Mineralogy, veining and presence and type of sulphides.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <i>If core, whether cut or sawn and whether quarter, half or all cores taken.</i> <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> <i>For all sample types, the nature, quality, and appropriateness of the sample preparation technique.</i> <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> <i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</i> <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i> 	<ul style="list-style-type: none"> Trench and Rock chip samples were submitted in their entirety for analysis, no subsampling was completed. Laboratory Assay Analysis: Au was analysed by Aqua regia extraction with ICP-MS finish. An additional charge is split from sample for four acid digests with ICP-MS reporting a 48-element suite.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i> <i>Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.</i> 	<ul style="list-style-type: none"> No geophysical tools used in relation to the reported exploration results. In addition to the laboratory's own quality control ("QC") procedure(s), Titan Minerals Ltd- regularly inserts its own Quality assurance and QC samples, with over 15% of samples in reported results corresponding to an inserted combination of certified reference materials (standards), certified blank material, field duplicate, lab duplicates (on both fine and coarse fraction material). Au was analysed by Aqua regia extraction with ICP-MS finish. An additional charge is split from sample for four acid digests with ICP-MS reporting a 48-element suite.
Verification of sampling and assaying	<ul style="list-style-type: none"> <i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> 	<ul style="list-style-type: none"> Reported intersections are calculated by professional geologists in Australia and validated by a senior geologist in Ecuador. Original laboratory data files in CSV and locked PDF formats are stored together with the merged data. All drilling, and surface data are stored in a self-validating MX Deposit geological database. No adjustment to data is made in the reported results

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Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> All surveyed data is collected and stored in WGS84 datum.
Location of data points	<ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> Reported trench and channel samples are located with an RTK GPS survey unit with sub-centimetre reporting for the purpose of improved confidence in resource estimation work. All surveyed data is collected and stored in WGS84 datum. Topographic control is ground survey quality and reconciled against Drone platform survey data with 1m pixel resolution. Assessed to be adequate for the purpose of resource estimation. Grid system used for all undertakings at the Dynasty Project is WGS84 Zone 17 South
Data spacing and distribution	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	<ul style="list-style-type: none"> Reported channel and trench sampling is collected on 1m to 2m spacing depending on resolution of geological and structural information deemed necessary by the geology team. Data spacing is anticipated to support mineral resource estimation for the indicated and inferred categories, with data spacing and distribution for higher confidence resource estimation categories to be defined with further drilling, modelling and geostatistical analysis work. No Sample compositing has been applied in reported exploration results.
Orientation of data in relation to geological structure	<p>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</p> <ul style="list-style-type: none"> If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> The orientation of trenching and channel sampling is perpendicular to mapped orientation of primary vein and porphyry target observed in outcrop where possible. The true thickness of intercepts will be accounted for following structural analysis and 3D modelling of veins. All results in relation to this report are trenched thickness and should not be interpreted as true thickness. No bias is considered to have been introduced by the soil sampling orientation, as the soil samples were taken on a systematic grid spacing, considered to be perpendicular to, and appropriate for, the style of mineralisation.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Samples were collected by Titan Minerals geologists and field technicians and held in a secure yard prior to shipment for laboratory analysis. Samples are enclosed in polyweave sacks for delivery to the lab and weighed individually prior to shipment and upon arrival at the lab. Sample shipment is completed through a commercial transport company with closed stowage area for transport.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> No audits or reviews of reported data completed outside of standard checks on inserted QAQC sampling.

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Section 2 - Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> Titan Minerals Ltd, through its indirect wholly owned Ecuadorian subsidiaries, holds a portfolio of exploration properties in the Loja Province of Ecuador. Amongst these, Titan holds a 100% interest in the Pilo 9, Zar, Zar 1, Zar 3A and Cecilia 1 concessions forming the Dynasty Project and totalling an area of 13,909 hectares. Mineral concessions in Ecuador are subject to government royalty, the amount of which varies from 3% to 4% depending on scale of operations and for large scale operations (>1,000tpd underground or >3,000tpd open pit) is subject to negotiation of a mineral/mining agreement. Pilo 9, Zar and Zar 1 are subject to a 3% royalty payable to the Ecuador Government as part of the Small Scale Mine Licensing regime currently issued in favour of the Dynasty Goldfield Project but may be subject to change in the event economic studies after exploration indicate a need to apply for a change of regime. Concessions, Zar 3A and Cecilia 1 have not yet completed the environmental permitting process and require the grant of an Environmental Authorisation. Mineral concessions require the holder to (i) pay an annual conservation fee per hectare, (ii) provide an annual environmental update report for the concessions including details of the environmental protection works program to be followed for the following year. These works do not need approval; and (iii) an annual report on the previous year's exploration and production activity. Mineral Concessions are renewable by the Ecuadorian Ministry of Oil, Mining and Energy in accordance with the Mining Law on such terms and conditions as defined in the Mining Law.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<p>Dynasty Gold Project Exploration done by other parties set out in further detail in the Titan ASX release dated 19 May 2020, and summarised below:</p> <ul style="list-style-type: none"> 1977, the Spanish-Ecuadorian joint venture company, Enadimsa, claimed 1,350ha in the La Zanja (Cerro Verde) area for exploration - no results included in reporting. During the 1970s the United Nations explored the "Curiplaya" area, 2 km east of the Dynasty Project. Copper and gold were detected in small quantities, data not included in reporting. 1991–92, BHP Exploration Ltd. covered the general area with concessions, but the tenements eventually lapsed after minimal work. 2001 to 2003, a private prospecting company, Ecuasaxon, undertook investigations in the general area and discovered anomalous gold and silver in quartz-sulphide veins in what is now the concession area. 2003 until 2007 Dynasty Mining and Metals (later Core Gold) completed mapping, limited ground geophysical surveys and exploration sampling activity including 201 drill holes totalling 26,733.5m and 2,033 rock channel samples were taken from 1,161 surface trenches at Cerro Verde, Iguana Este, Trapichillo and Papayal in support of a maiden resource estimation. 2008 to 2009, the Ecuadorian Government introduced an exploration moratorium, where on April 18, 2008, Ecuador's Constitutional Assembly passed a Constituent Mandate resolution (the "Mining Mandate"), which provided, among other provisions, for the suspension of mineral exploration activities for 180 days, or until a new Mining Act was approved. The Mining Act was published in late January 2009. The mining regulations to supplement and provide rules which govern the Mining Act were issued in November 2009, after which time the Mining Act and Regulations (collectively, the "Mining Law") were enacted. 2017 to 2020 Core Gold Inc. (formerly Dynasty Mining and Metals) commenced small scale mining on a

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Criteria	JORC Code explanation	Commentary
		small portion of the Dynasty Project. Operations exposed a number of veins of the Canadian NI 43-101 compliant resource estimate, and operations discovered several veins of varying orientations not previously identified in drill and trench exploration activities requiring further exploration activity to quantify.
Geology	<ul style="list-style-type: none"> <i>Deposit type, geological setting, and style of mineralisation.</i> 	<ul style="list-style-type: none"> Regionally, the Dynasty gold project lies within the compressional Inter-Andean Graben that is bounded by regional scale faults. The graben is composed of thick Oligocene to Miocene aged volcano- sedimentary sequences that cover the Chaucha, Amotape and Guamote terrains. This structural zone hosts several significant epithermal, porphyry, mesothermal, S-type granitoid, VHMS and ultramafic/ophiolite precious metal and base metal mineral deposits. At the project scale, the intermediate volcanic hosted mineralised veins mainly occur along a faulted zone near and sub-parallel to the contact with the Cretaceous aged Tangula Batholith that extends north from Peru and is found outcropping in the east and south of the concessions. Porphyry intrusion style mineralisation hosting gold and copper mineralisation has also been mapped and intersected by drilling by at the Kaliiman porphyry within the Dynasty Project area. Gold occurs in its native form along with sulphides, including pyrite, sphalerite, galena, arsenopyrite, marcasite, chalcopyrite and bornite.
Drill hole Information	<ul style="list-style-type: none"> <i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <i>easting and northing of the drill hole collar</i> <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i> <i>dip and azimuth of the hole</i> <i>down hole length and interception depth</i> <i>hole length.</i> <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i> 	<ul style="list-style-type: none"> No new drilling included in the body of this report. Trench information is included for all reported significant trench results.
Data aggregation methods	<ul style="list-style-type: none"> <i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated</i> 	<ul style="list-style-type: none"> No high-grade assay cut was applied to reported gold results. In the case of silver, the initial upper detection limit of the four-acid digest used is 100ppm, and an overlimit analysis method with an upper detection limit of 1,500ppm is used. Lower cut-off for reported significant intercepts is 0.2g/t Au with up to 4m of internal dilution (results with <0.1g/t Au or un-sampled intervals where null values are taken as a zero-gold grade in calculating

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Criteria	JORC Code explanation	Commentary
	<p><i>Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></p> <ul style="list-style-type: none"> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i> 	<p>significant intercepts) are allowed within a reported intercept.</p> <ul style="list-style-type: none"> No metal equivalent reporting is applicable to this announcement
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').</i> 	<ul style="list-style-type: none"> Reported intersections are measured sample lengths. Reported trench and channel intersections are of unknown true width, further drilling and modelling of results is required to confirm the projected dip(s) of mineralised zones. Reported intercepts are drilled thickness and should not be interpreted as true thickness unless otherwise indicated.
Diagrams	<ul style="list-style-type: none"> <i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i> 	<ul style="list-style-type: none"> Included in body of report as deemed appropriate by the competent person
Balanced reporting	<ul style="list-style-type: none"> <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced avoiding misleading reporting of Exploration Results.</i> 	<ul style="list-style-type: none"> All material exploration results for surface geochemistry are included in the appendices of this report, and location of all results are included in figures provided in their entirety. All results above 0.2g/t Au are included when reporting high grade vein hosted gold mineralisation. No upper cut-off has been applied.
Other substantive exploration data	<ul style="list-style-type: none"> <i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics;</i> 	<ul style="list-style-type: none"> No other available datasets are considered relevant to reported exploration results. Historical exploration results include orientation studies for ground magnetics, IP Geophysics, and soil sampling grids, however each of these surveys are limited in scale relative to the project and are not considered material to assess potential of the larger project area. Bulk density tests have been completed on areas related to the reported exploration results.

ASX ANNOUNCEMENT

23 December 2024



Criteria	JORC Code explanation	Commentary
	<i>potential deleterious or contaminating substances.</i>	
Further work	<ul style="list-style-type: none"><i>The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).</i><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	<ul style="list-style-type: none">Additional mapping, trenching and drilling is planned to better define structural controls on mineralisation and assess open ended mineralisation on multiple mineralised corridors within the project area. Further mapping and sampling are to be conducted along strike of reported work to refine and prioritise targets for drill testing.Included in body of report as deemed appropriate by the competent person.