



RED CLOUD PRE-PDAC MINING SHOWCASE

FEBRUARY 2025

TSX:JAG OTCQX:JAGGF

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JAGUAR

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Certain statements in this Presentation may constitute forward-looking information within the meaning of applicable securities laws, including without limitation, statements relating to the duration of the suspension of the susp Satinoco dry tailings pile, the cost of resuming operations at the MTL complex, the future stability of the tailings pile in question and safety at the Turmalina mine, the amount, timing and payment terms of any future fines imposed on the Company (and the results and outcome of the Company's appeals of such fines), as well as any costs and damages arising from any civil and criminal lawsuits, resulting from the tailings pile slump, management's expectations regarding the Company's response to the tailings pile slump. related to expected growth and the Company's growth potential, mining plans, sales, production statistics, ore grades, tonnes milled, recovery rates, cash operating costs, the timing and amount of estimated future production, costs of production, capital expenditures, costs and timing of the development of projects and new deposits, success of exploration, development and mining activities, currency fluctuations, capital requirements, and restarting suspended or disrupted operations (including with respect to the Turmalina mine). Generally, forward-looking information can be identified by the use of forward-looking terminology such as, without limitation, "expects", "budget", "scheduled", "estimates", "forecasts", "projections", "upcoming", "plans" and/or the negatives thereof or other variations of such words and phrases (or comparable terminology), or by statements that certain actions, events or results "may", "will", "could", "would" or "might", "be taken", "occur" or "be achieved". Certain statements, beliefs and opinions in this Presentation, which reflect the Company's or, as appropriate, the Company's directors' and/or management's, current expectations and projections about future events, constitute forward-looking information. Forward-looking information contained in this Presentation is based on certain assumptions, including without limitation: assumptions regarding the future and long-term stability of the Satinoco tailings pile; collaboration with the Brazilian National Mining Agency and other applicable authorities will continue to progress effectively and without significant delays; damages to the Turmalina mine infrastructure, including maintenance areas, piping, storage areas, can be repaired or replaced within the anticipated timeline; the safety of the mine site can be verified to meet or exceed regulatory and internal safety standards before operations resume; necessary resources, including materials, personnel and equipment, will remain available to implement repairs and safety measures efficiently at the MTL complex; there will be no unforeseen adverse weather events or other external factors that could delay the Company's recovery or remediation efforts; the current assumptions regarding the extent of the damage and timeline for repairs at the MTL complex remain accurate and will not require significant revision as further assessments are completed; assumptions relating to the estimated timeline for the development of the Company's mineral properties; assumptions relating to production costs, the geological interpretation and statistical inferences or assumptions drawn from drilling analysis; and assumptions relating to expected growth, results of operations, performance, industry trends and growth opportunities. 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The above-referenced risks, uncertainties and other factors include, but are not limited to, risks associated with: general economic conditions; adverse industry events; future legislative and regulatory matters; inability to access sufficient capital from internal and external sources on favourable terms; engineering and construction timetables and capital costs for the Company's development and expansion projects; the ability of the Company to implement its business strategies and plans; competition; foreign currency exchange and interest rate fluctuations; and fluctuations in the price of gold. In addition, there are risks and hazards associated with the business of mineral exploration, development and mining, including environmental hazards, industrial accidents. flooding and gold bullion losses (and the risk of inadequate insurance coverage for these risks). Additional risks are described in detail in the Company's disclosure documents available on the Company's most recent Annual Information Form and Management Discussion and Analysis, which are available on SEDAR+ at www.sedarplus.ca). Notwithstanding the foregoing, readers are cautioned that the list of risks set forth herein and in the Company's disclosure documents are not exhaustive. Except as required by law, we disclaim any obligation to update or revise any forward-looking statements, whether as a result of new information, events or otherwise. It is not the intention to provide a complete or comprehensive analysis of the Company's financial or business prospects. The information contained in these materials should be considered in the context of the circumstances prevailing at the time and has not been, and will not be, updated to reflect material developments which may occur after the date these materials were prepared. 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Technical Information

The technical and scientific information in this Presentation has been reviewed and approved by Jean-Marc Lopez BSc. PGeo ,FAusIMM, of JML Consulting & Geology EI, who is a "qualified person" as defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101"). All mineral reserve and mineral reserve and mineral resource estimates are estimates are estimated in accordance with NI 43-101. Unless otherwise noted, such mineral resource estimates are as of December 31, 2023

Currency

All figures in this presentation are in US Dollars, unless otherwise expressed..

BRAZILIAN GOLD

Operating in the Iron Quadrangle in Minas Gerais BR

Over 300 years of gold mining in the Iron Quadrangle

Local infrastructure to fully support mining



LAND POSITION AND MINE COMPLEXES

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WHAT HAPPENED AT THE MTL COMPLEX



WHAT HAPPENED AT THE MTL COMPLEX



A 400-metre-long containment barrier was built within seven days around the slumped material to prevent any further movement and protect the adjacent community

WHAT HAPPENED AT THE MTL COMPLEX

- On December 7, 2024, a slump occurred in the north wall of the Satinoco dry stacked pile, as a result operations have been temporarily suspended at the Turmalina mine
- Lateral movement pushed soil into five homes local residents temporarily relocated
- No injuries and minimal environmental impact
- Work progressing to stabilize the pile
- Turmalina mine will restart as soon as authorities allow
- Faina zone and all other UG resources are unaffected and future production is intact
- Some fines have been levied and are being appealed through administrative processes

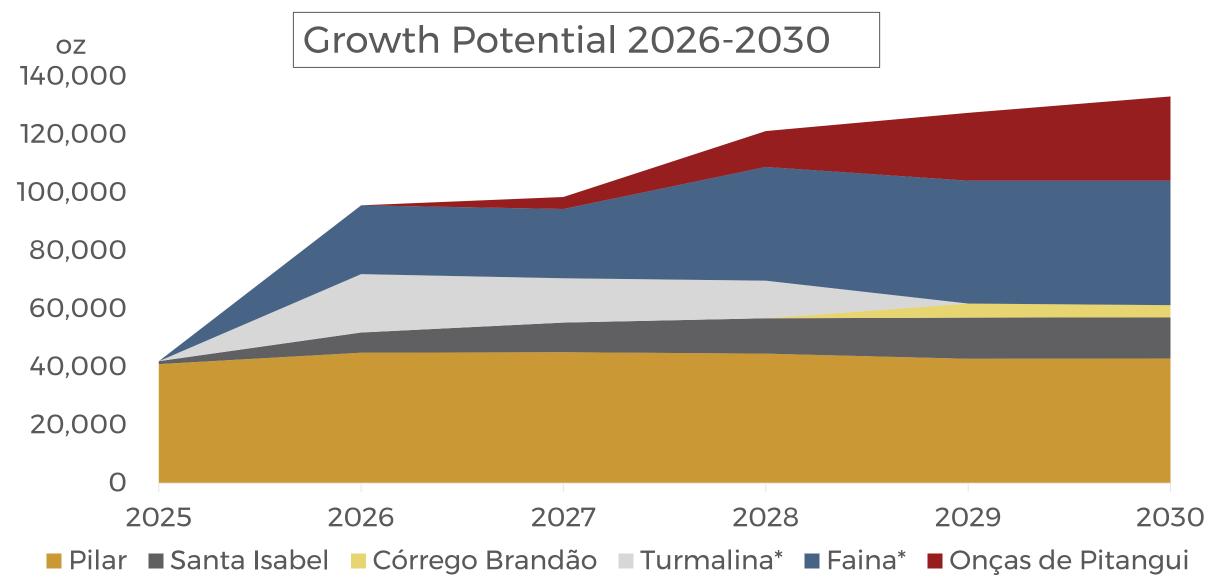
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WHAT WILL HAPPEN NEXT AT THE MTL COMPLEX

- Complete and validate with a third-party audit, the stability of the dry stack currently and with proposed changes
- Conclude negotiations with the Government Public Defenders Office and begin compensation of impacted neighbors
- Continue to negotiate with various government agencies the level of environmental fines
- Continue removing material from the dry stack and placing it in stable areas
- Prep a new area for dry stacking of tails and development rock
- Turmalina mine will restart as soon as authorities allow

GROWTH PLAN INTACT





CURRENTLY EXISTING RESOURCES FOR GROWTH



~1.5M oz of Resources

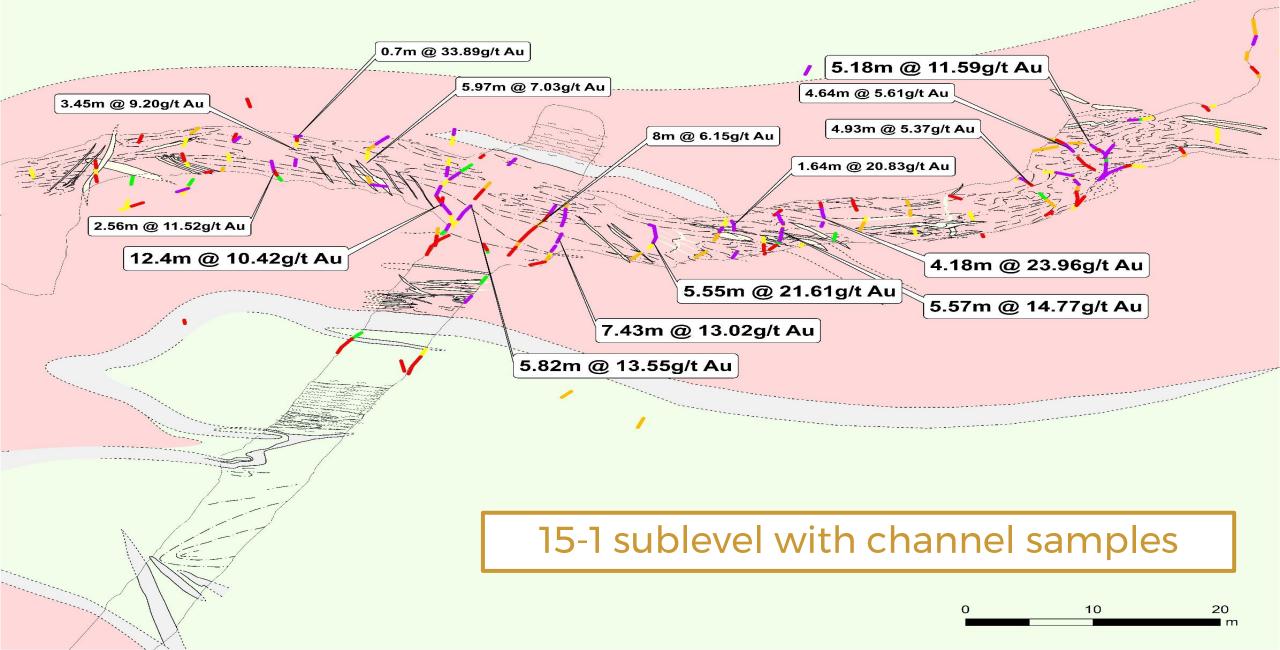
PILAR MINE

- 2024 production @ +10koz per quarter
- By Q3 2025 expect to push up to 12koz per quarter with BA zone
- Development team from Turmalina – adding 100m/month



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BA ZONE AT PILAR MINE

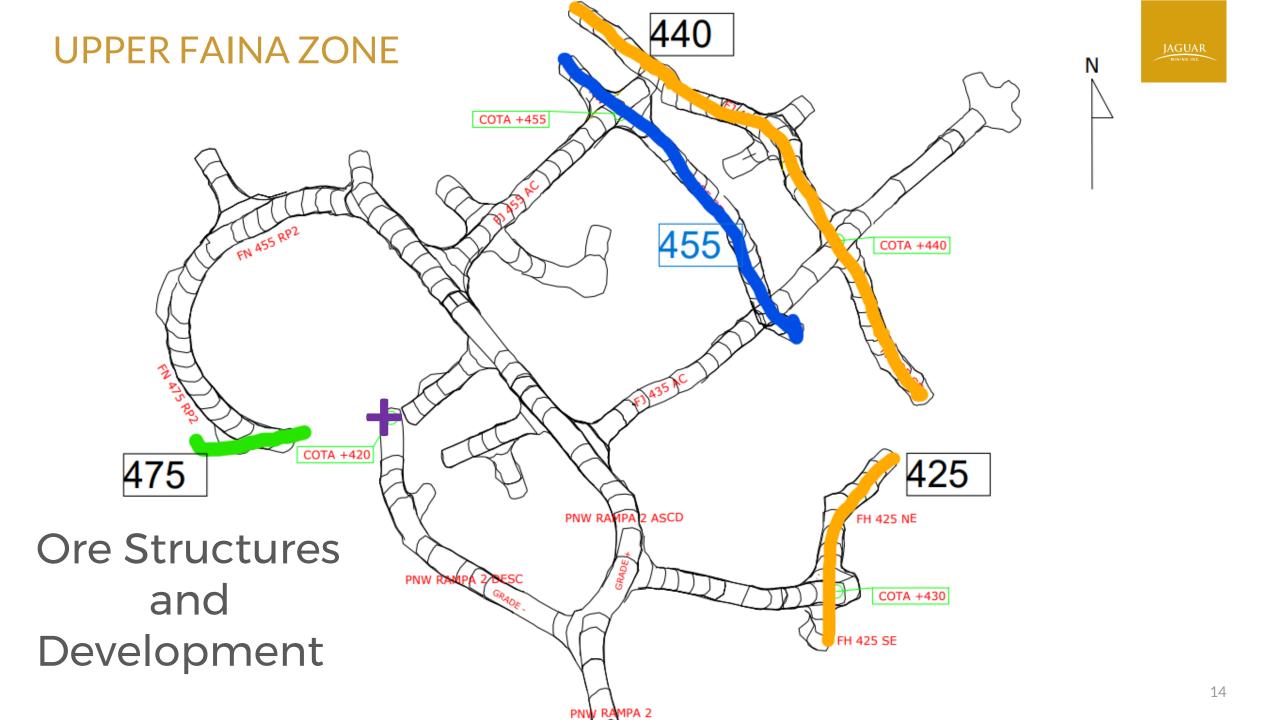


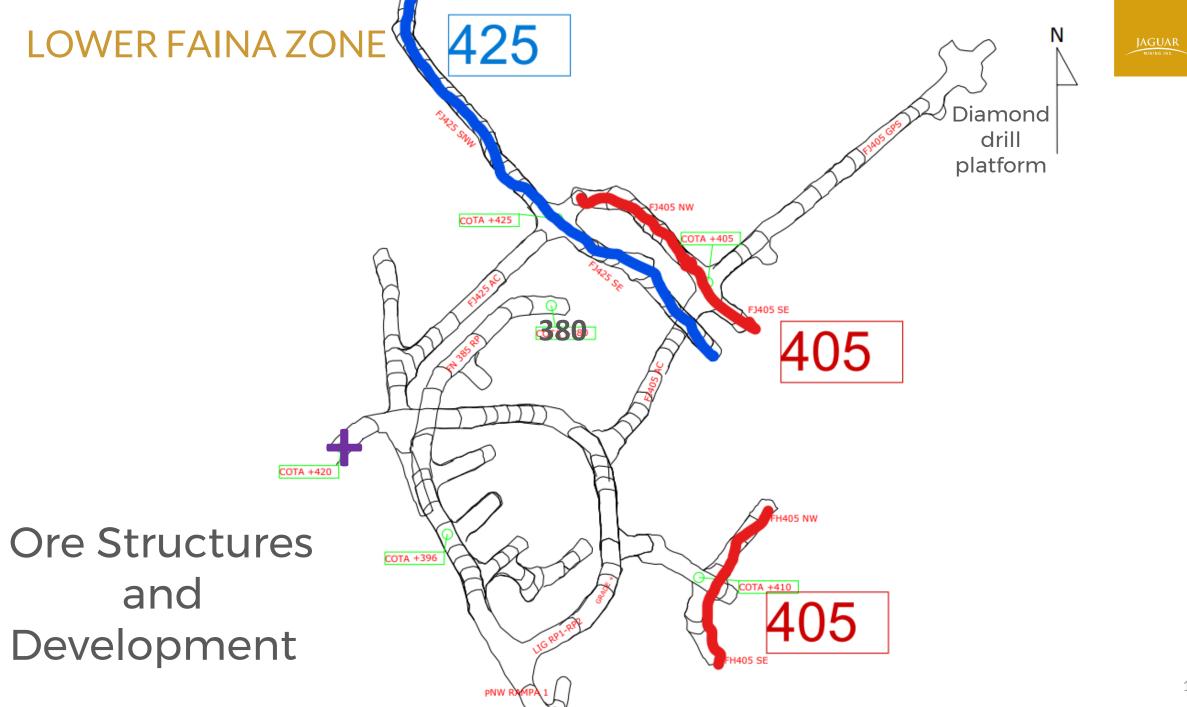
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TURMALINA MINE/FAINA ZONE

- Restarting Turmalina mine will begin with a focus on the Faina zone
- Expand development and productive capacity as quickly as possible
- Expected to start at <1000 ounces per month moving up to 3000 ounces per month in 15 months







ONÇAS DE PITANGUI PROJECT



Development to begin in 2026 First ounces in 2027



M&I Resources: 448 Koz @ 4.07 g/t Au Inferred Resources: 379 Koz @ 3.53 g/t Au



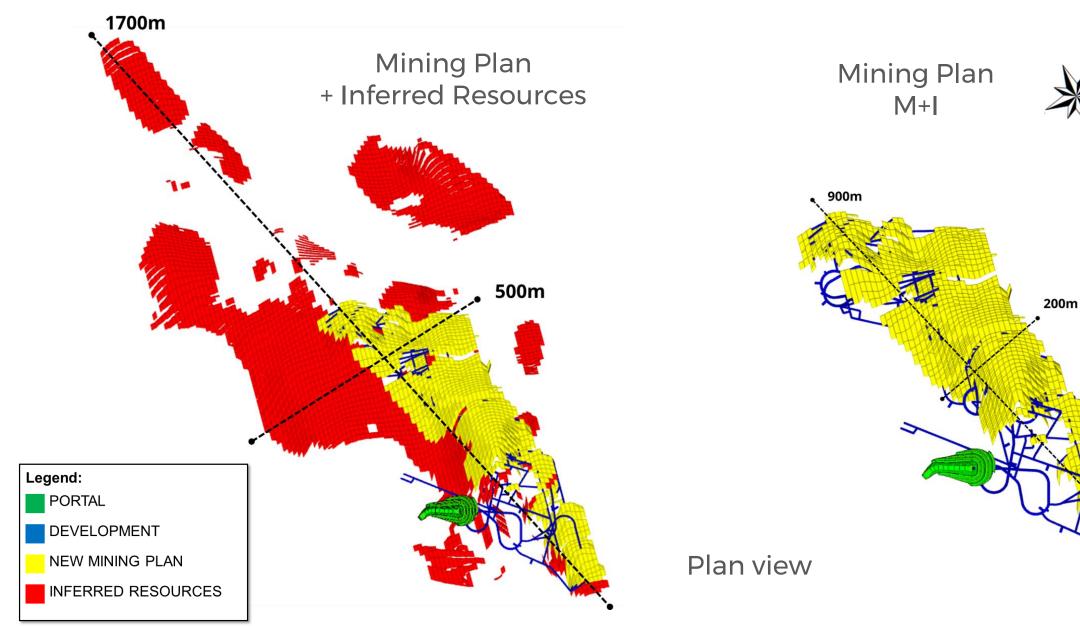
Cut and Fill mine method Estimated production rate of 360kt/year



30 kilometers hauling to Turmalina plant New processing tests reach **91%** Recovery



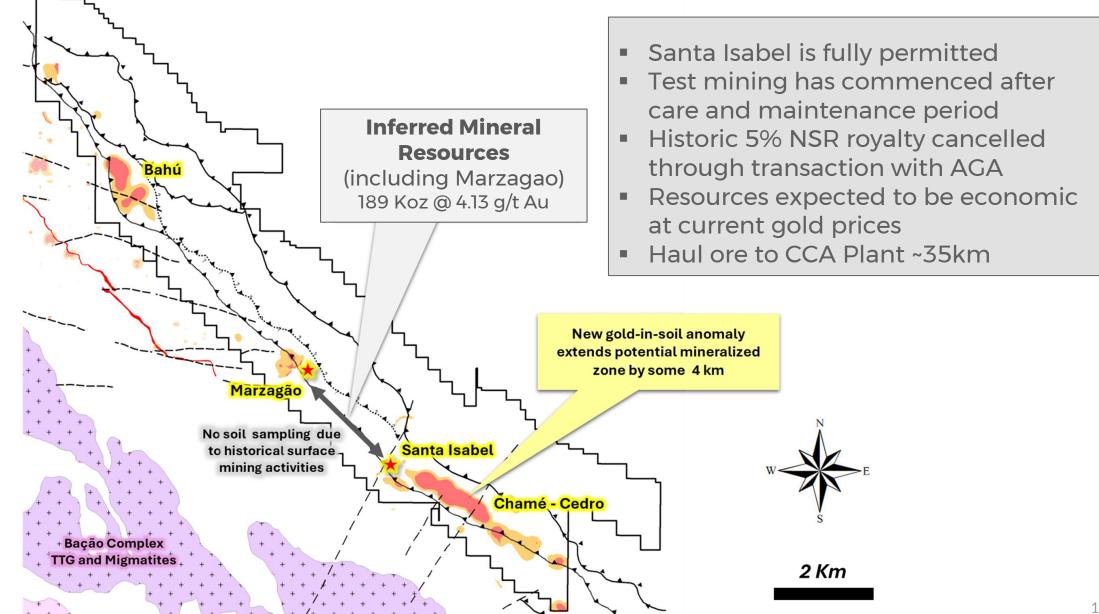
ONÇAS DE PITANGUI PROJECT- MINING PLAN



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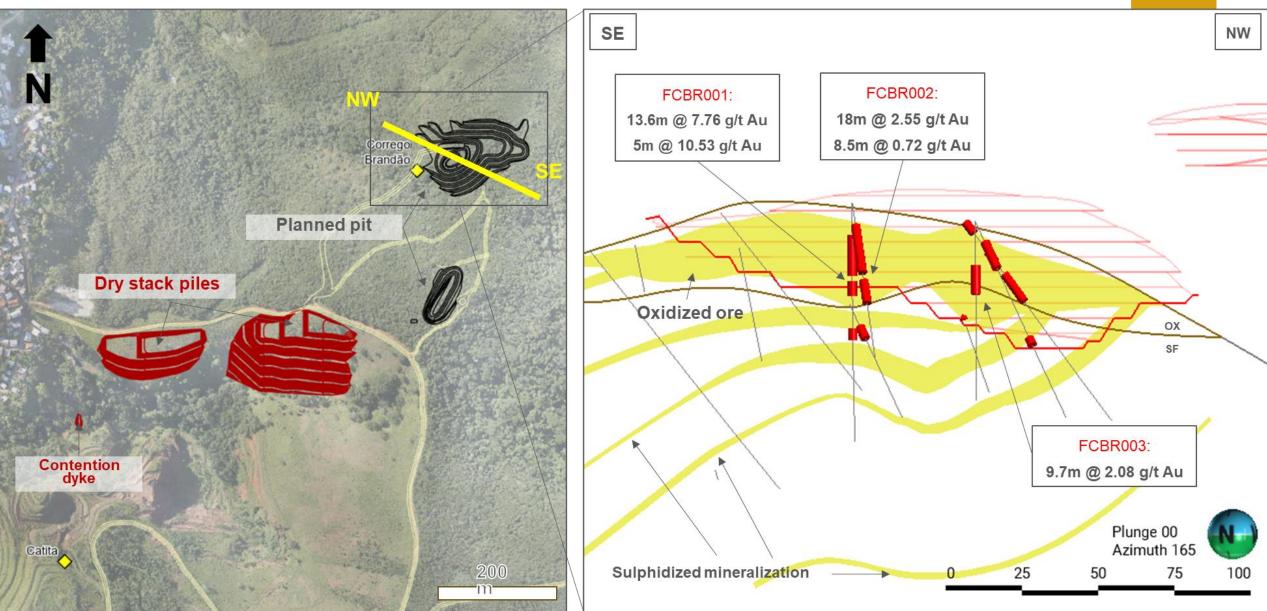
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SANTA ISABEL



CÓRREGO BRANDÃO PROJECT

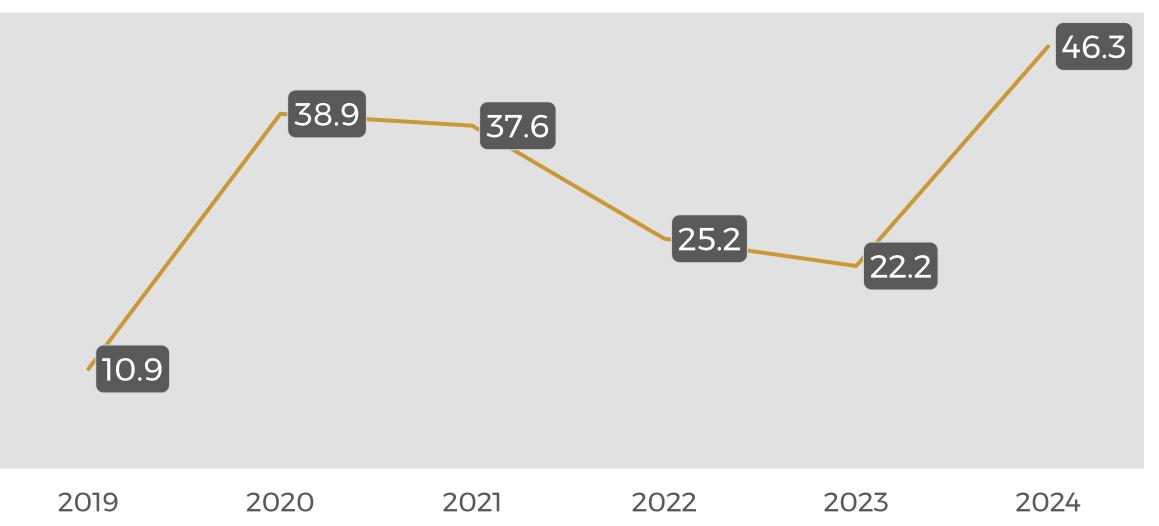
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STRONG CASH POSITION



Year End Cash Position (USD\$ millions)



CORPORATE SUMMARY

JAGUAR MINING INC.

Share Capitalization	As at February 25, 2025	~41% All other shareholders
Common shares outstanding	79.3M	
Share price	C\$2.59	
Market Capitalization	C\$204M	
52-week high, low	\$5.92-\$1.52	\$204M
Cash & Debt	As at December 31, 2024	
Cash and cash equivalents	\$46.3M	
Notes payable at Sept 30, 2024 (no covenants, no security)*	\$3.0M	 ~59% Top 3 (Eric Sprott, SPM, IAMGOLD
		Corp)

UPCOMING CATALYSTS



Ongoing Exploration: in-mine and on 46k Ha

WHO WE ARE



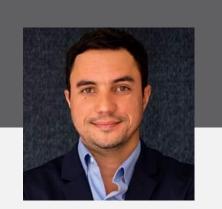
Vernon Baker CHIEF EXECUTIVE OFFICER

- Appointed CEO in 2019
- Over 40 years of international mining industry experience



Alfred Colas CHIEF FINANCIAL OFFICER

- Appointed CFO in 2023
- Over 30 years of finance and mining industry experience



Eric Duarte VP BUSINESS DEVELOPMENT

- Joined Jaguar in 2017
- Over 20 years of international mining experience



Marina Freitas VP FINANCE & PROJECTS

- Joined Jaguar in 2011
- Over 20 years of international experience in audit, finance and projects

Experienced management team

CONTACT US

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BRAZIL

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www.jaguarmining.com

RESERVES AND RESOURCES (as at Dec. 31, 2023)

	PROJECT	TONNAGE	AU GRADE	CONTAINED AU
		Kt	g/t	Koz
P&P	Pilar	1,906	3.17	194
	Turmalina	1,323	3.38	144
	Faina	787	5.22	132
	Total	4,015	3.64	470
M&I*	Pilar	3,260	3.93	413
	Roça Grande	962	3.9	121
	Turmalina	3,295	4.08	432
	Faina	1,427	5.08	233
	Pontal	266	3.44	29
	Onças de Pitangui Project	3,423	4.07	448
	Total	12,633	4.12	1,676
INF	Pilar	2,771	3.87	343
	Roça Grande and C. Brandão	1,961	2.66	168
	Turmalina	1,271	3.26	133
	Faina	1,420	5.09	232
	Pontal, Pontal South and Zona Basal	1,609	2.65	137
	Onças de Pitangui Project	3,343	3.53	379
	Paciência (Santa Isabel + other deposits)	1,799	4.06	235
	Total	14,175	3,58	1,628

* M&I Resources are inclusive of 2P Reserves