



MERIDIAN MINING



ADVANCING CABAÇAL TO BE SHOVEL READY IN 2026

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS



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Certain statements contained in this presentation may constitute "forward-looking information" within the meaning of applicable securities laws. Forward-looking information generally can be identified by words such as "anticipate", "expect", "estimate", "forecast", "planned", and similar expressions suggesting future outcomes or events. Forward-looking information is based on current expectations of management; however, it is subject to known and unknown risks, uncertainties and other factors that may cause actual results to differ materially from the forward-looking information in this presentation and include without limitation, the Company's ability to realize the results of the Cabaçal gold-copper-silver deposit (the "Cabaçal Project") preliminary feasibility study (the "2025 Cabaçal PFS"); the anticipated timing for production; that start-up schedule will be fulfilled; that anticipated funding will be available; all upside potential anticipated for the Cabaçal Project; that the anticipated mitigation approaches will have the anticipated results; the results of the 2025 Cabaçal PFS, including, but not limited to, the anticipated post-tax NPV and IRR at the Cabaçal Project, the anticipated average annual production and cash flow, the anticipated Cabaçal Project start date, the probability of the additional opportunities to be able to convert more resource into reserves, the process plant gold recovery estimates, the anticipated number of people that will be employed to restart the Cabaçal Project, the anticipated development and management of the Cabaçal tailings, the remaining expenditure requirements, the projected sustaining capital requirements, the key assumptions, parameters and methods used to estimate the mineral resource and mineral reserve estimates relating to the 2025 Cabaçal PFS, the operational and economic results of the 2025 Cabaçal PFS, including grade or quality of mineral deposits, and the LOM projections and estimates, timing and successful completion of the timing and successful completion of the Cabaçal feasibility study, the timing and successful completion of the first resource estimate for Santa Helena and the Company's future expectations, objectives and plans. Readers are cautioned not to place undue reliance on forward-looking information.

Forward-looking information involve numerous risks and uncertainties, and actual results might differ materially from results suggested in any forward-looking information. These risks and uncertainties include, among other things, market volatility; the state of the financial markets for the Company's securities; fluctuations in commodity prices; changes in the Company's business plans. Forward-looking information is based on a number of key expectations and assumptions, including without limitation, the timing of the markets; the accuracy and reliability of technical data, forecasts, estimates and studies, including the 2025 Cabaçal PFS; estimates of mineral resources and mineral reserves; anticipated costs and expenditures; future results of operations; ability to satisfy power infrastructure; availability and ability to procure personnel, machinery, supplies, and equipment from local sources where possible; the characteristics of the Cabaçal Project; delays in operations due to permit grants; environmental and safety risks; the relationship between the Company and the local communities and its business partners; ability to operate in a safe and effective manner; the success of exploration, development and processing activities; that the Company will continue with its stated business objectives and its ability to raise additional capital to proceed. Although management of the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such forward-looking information. Accordingly, readers should not place undue reliance on forward-looking information. Readers are cautioned that reliance on such information may not be appropriate for other purposes. Additional information about risks and uncertainties are disclosed under the heading "Risk Factors" in Meridian's most recent Annual Information Form which is available for download under Meridian's profile on SEDAR+ at www.sedarplus.ca.

The forward-looking information contained herein is expressly qualified in its entirety by this cautionary statement. Forward-looking information reflects management's current beliefs and is based on information currently available to Meridian. The forward-looking information is made as of the date of this presentation and Meridian assumes no obligation to update or revise such information to reflect new events or circumstances, except as may be required by applicable law. For more information on Meridian, investors should review Meridian's continuous disclosure filings that are available on SEDAR+ at www.sedarplus.ca.

FUTURE ORIENTED FINANCIAL INFORMATION

To the extent any forward-looking information in this presentation constitutes "future-oriented financial information" or "financial outlooks" within the meaning of applicable Canadian securities laws, such information is being provided to demonstrate the anticipated market penetration and the reader is cautioned that this information may not be appropriate for any other purpose and the reader should not place undue reliance on such future-oriented financial information and financial outlooks. Future oriented-financial information and financial outlooks, as with forward-looking information generally, are, without limitation, based on the assumptions and subject to the risks set out above under the heading "Forward Looking Statements". Meridian's actual financial position and results of operations may differ materially from management's current expectations and, as a result, Meridian's revenue and expenses may differ materially from the revenue and expenses profiles provided in this presentation. Such information is presented for illustrative purposes only and may not be an indication of Meridian's actual financial position or results of operations.

MARKET RESEARCH AND PUBLIC DATA

This presentation contains or references certain market, industry and peer group data which is based upon information from independent industry publications, market research, analyst reports and surveys and other publicly available sources. Although Meridian believes these sources to be generally reliable, such information is subject to interpretation and cannot be verified with complete certainty due to limits on the availability and reliability of raw data, the voluntary nature of the data gathering process and other inherent limitations and uncertainties. Meridian has not independently verified any of the data from third party sources referred to in this presentation and accordingly, the accuracy and completeness of such data is not guaranteed. This presentation is confidential and is being provided to you solely for your information and may not be reproduced, in whole or in part, in any form or forwarded or further distributed to any other person. Any forwarding, distribution or reproduction of this document in whole or in part is unauthorized. By accepting and reviewing this presentation, you acknowledge and agree (i) to maintain the confidentiality of this document and the information contained herein, (ii) to protect such information in the same manner you protect your own confidential information, which shall be at least a reasonable standard of care and (iii) to not utilize any of the information contained herein except to assist with your evaluation of Meridian.






The 2025 Cabaçal PFS has an effective date of March 10, 2025, and was prepared for Meridian by the following independent Qualified Persons, as such term is defined by National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101"): Tommaso Roberto Raponi (P. Eng), Principal Metallurgist with Ausenco Engineering Canada ULC; Scott Elfen (P. E.), Global Lead Geotechnical and Civil Services with Ausenco Engineering Canada ULC; John Anthony McCartney, C.Geol., Ausenco Chile Ltda.; Porfirio Cabaleiro Rodriguez (Engineer Geologist FAIG), of GE21 Consultoria Mineral; Leonardo Soares (PGeo, MAIG), Senior Geological Consultant of GE21 Consultoria Mineral; Norman Lotter (Mineral Processing Engineer; P.Eng.), of Flowsheets Metallurgical Consulting Inc.; and, Juliano Felix de Lima (Engineer Geologist MAIG), of GE21 Consultoria Mineral.

Mr Erich Marques, B.Sc., FAIG, Chief Geologist of Meridian and a Qualified Person as defined by NI 43-101, has reviewed the 2025 Cabaçal PFS on behalf of Meridian and is responsible for other technical information in this presentation (information not directly related to the 2025 Cabaçal PFS).




The 2025 Cabaçal PFS is summarized in a technical report which is available on the Company's website at www.meridianmining.co and available for download under Meridian's profile on SEDAR+ at www.sedarplus.ca.

DEVELOPING AN EXCEPTIONAL PROJECT

PRODUCTION EXECUTION

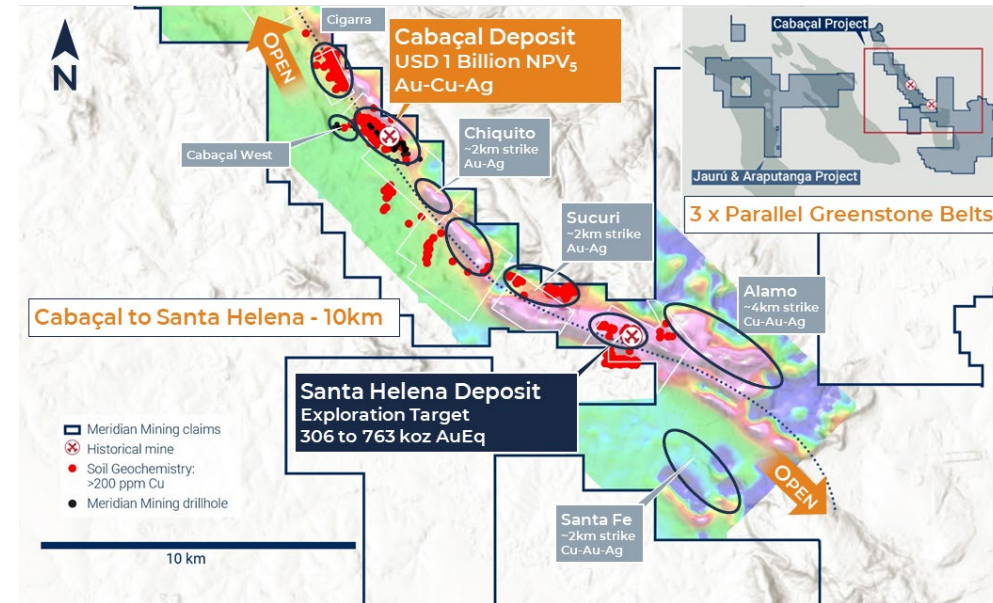
-  **Cabaçal near-term Production Asset**
-  **Low Initial Capex - USD 248 million**
-  **USD 1.0 billion NPV₅ & 61.2% IRR**
(After-Tax @ Au – USD 2,119/oz & Cu USD 4.16 /lbs)
-  **Mid-Tier Production Profile**
-  **Executable project with potential for significant re-rating**

GROWTH POTENTIAL

-  **Santa Helena Open Mineralization**
-  **High-Grade Open Pit Target**
-  **Potential second mine**

EXPLORATION UPSIDE

-  **50km of Discovery Potential at Cabaçal**
-  **Multiple New Targets defined**
-  **3x Parallel Greenstone Belts**



EXCEPTIONAL ECONOMICS DELIVERS ~ USD 1.0 BILLION VALUE

Post-Tax NPV5 & IRR Sensitivity To Metal Price																		
			Gold Price (USD/oz)															
							Base				PFS Spot							
			1,500		2,000		2,119		2,500		2,917		3,000		3,500		4,000	
			NPV	IRR	NPV	IRR	NPV	IRR	NPV	IRR	NPV	IRR	NPV	IRR	NPV	IRR	NPV	IRR
			(USDM)	(%)	(USDM)	(%)	(USD M)	(%)	(USDM)	(%)	(USD M)	(%)	(USDM)	(%)	(USDM)	(%)	(USDM)	(%)
Copper Price (USD/lbs)		3.50	578	42.2%	795	53.5%	847	56.1%	1,012	64.1%	1,193	72.4%	1,229	74.0%	1,446	83.6%	1,663	92.7%
		4.00	682	46.7%	899	57.5%	950	60.0%	1,116	67.7%	1,297	75.9%	1,333	77.4%	1,549	86.8%	1,766	95.7%
	Base	4.16	715	48.0%	932	58.7%	984	61.2%	1,149	68.9%	1,330	76.9%	1,366	78.5%	1,582	87.8%	1,799	96.6%
		4.50	785	50.8%	1,002	61.3%	1,054	63.7%	1,219	71.2%	1,400	79.2%	1,436	80.7%	1,653	89.9%	1,870	98.6%
	PFS Spot	4.55	796	51.2%	1,013	61.7%	1,064	64.1%	1,229	71.6%	1,410	79.5%	1,446	81.1%	1,663	90.2%	1,880	98.9%
		5.00	889	54.8%	1,106	65.0%	1,157	67.3%	1,323	74.7%	1,503	82.4%	1,539	83.9%	1,756	92.9%	1,973	101.5%
		5.50	992	58.6%	1,209	68.5%	1,261	70.8%	1,426	78.0%	1,607	85.6%	1,643	87.1%	1,860	95.9%	2,076	104.3%
		6.00	1,096	62.3%	1,312	71.9%	1,364	74.2%	1,529	81.2%	1,724	88.7%	1,746	90.1%	1,963	98.8%	2,180	107.1%

Capex: USD 248 M

NPV₅/Capex: 3.97x

Payback: 17 Months

Production: 141,000 AuEq Oz

ASIC: USD 742 / AuEq oz

LOM Revenue: USD 3.05 B

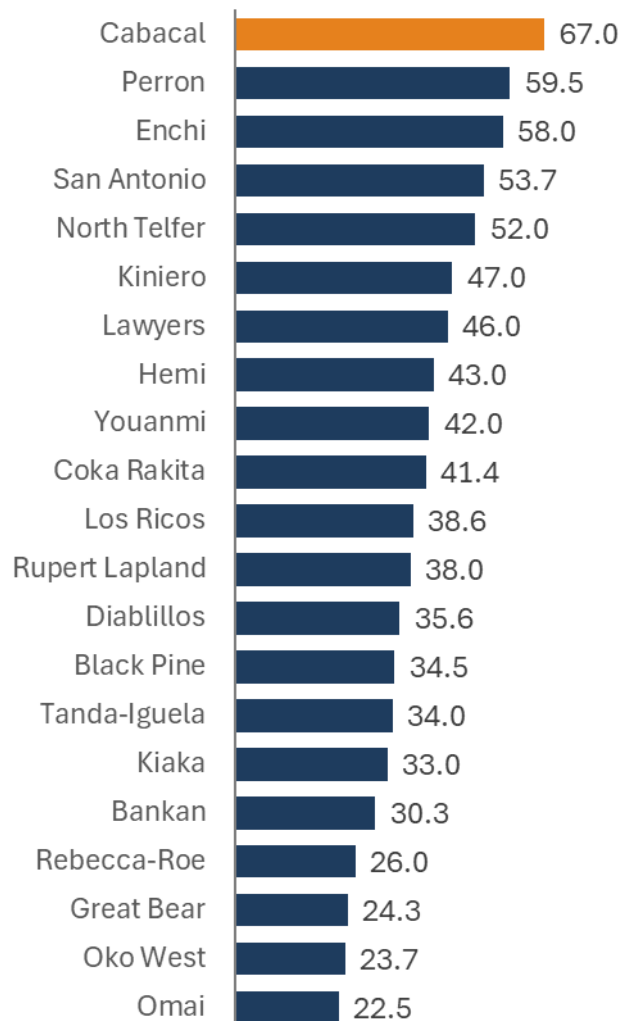
BENCHMARKING PFS VS BRAZILIAN PEERS

Description	Units	Cabaçal*	Tocantinzinho	Castelo de Sonhos**	Monte do Carmo	Mara Rosa	Borborema	Matupa	Tucuma***
Project Metrics	Date	04 March 2025	09 February 2022	05 May 2025	15 December 2023	31 December 2021	30 August 2023	05 October 2022	31 August 2021
Mine Life	(years)	10.6	10.5	11.0	9.0	10.0	11.3	7.0	12.0
Pre-Strip	(Mt)	10.3	9.7	Not disclosed	16.0	4.1	7.2	2.2	13.2
Strip Ratio	(x)	2.3	3.4	9.0	7.8	4.4	3.3	1.7	3.7
Average Au Grade	(g/t)	1.16 (AuEq)	1.31	1.10	1.62	1.18	1.20	1.05	0.83% (Cu)
P80 Grind Size	(µm)	200	125	Not disclosed	106	53	106	125	106
Bond Work Index	(kWh/t)	11.2	18.2	Not disclosed	17.5	13.0	11.9	15.5	15.8
Abrasion Index	(g)	0.28	0.57	Not disclosed	0.49	0.34	0.12	0.31	0.42
Processing Time	(hours)	<1.5	36	Not disclosed	24	36	30	24	<1.5
Process		Crush	Crush	Crush	Crush	Crush	Crush	Crush	Crush
		Grind	Grind	Grind	Grind	Grind	Grind	Grind	Grind
		Gravity	Gravity	Gravity	Gravity	Gravity	Gravity	Gravity	Gravity
		Float	Float	CIL	Float	CIL	CIL	CIL	Float
Recovery	(%)	Au - 87.6% / Cu - 92.3%	Au - 90.9%	Au - 98.0%	Au - 95.3%	Au - 89.9%	Au - 92.1%	Au - 95.0%	Cu - 91.3%
Throughput	(Mt per annum)	2.5	4.7	3.6	1.9	2.5	2.0	1.3	4.0
Production	(Au oz/annum)	141,000 (AuEq)	174,700	121,000	95,212	80,000	65,000	41,889	27,000 (Cu t)
Exchange Rate	(BRL:USD)	5.99	5.20	5.75	5.00	5.05	4.93	5.20	5.00
CAPITAL COST									
Mine	(USDm)	30.1	41.1	37.3	20.3	9.3	28.0	13.5	83.2
Fleet	(USDm)	Contractor	59.1	Not disclosed	29.7	Contractor	Contractor	Contractor	Contractor
Process Plant	(USDm)	98.9	86.0	187.2	71.8	112.9	86.3	38.9	67.0
Infrastructure	(USDm)	33.7	59.6	11.2	14.3	56.4	20.3	20.5	88.0
Power	(USDm)	5.7	56.2	10.8	11.2	13.8	23.0	13.9	4.0
Direct Cost	(USDm)	168.4	302.0	246.5	147.3	192.4	157.5	86.8	242.1
Indirect	(USDm)	14.0	84.9	Not disclosed	12.1	8.9	16.4	4.2	18.6
EPCM	(USDm)	15.8	15.7	Not disclosed	-	-	10.3	4.8	16.0
Owner's Costs	(USDm)	8.4	17.0	Not disclosed	6.2	18.4	2.4	4.0	14.8
Contingency	(USDm)	41.3	38.3	49.3	15.8	17.8	9.6	7.3	23.4
Contingency (%)	(USDm)	20.0%	9.1%	20.0%	9.5%	8.1%	5.2%	7.3%	8.0%
Initial Capital Cost	(USDm)	247.9	457.8	296.0	181.4	237.4	196.3	107.1	315.0
Sustaining & Expansion Capital Costs	(USDm)	110.0	82.9	Not disclosed	81.0	63.4	18.7	14.9	196.0
Initial Capex / Tonne Throughput	(USD/t)	99.2	97.4	82.2	94.5	95.0	98.1	82.4	78.8
OPERATING COSTS									
Mining Cost	(USD/t mined)	2.8	2.4	2.0	2.0	2.0	2.4	1.5	2.1
Mining Cost	(USD/t milled)	8.5	9.5	Not disclosed	13.7	10.0	12.3	3.8	9.5
Processing Costs	(USD/t milled)	9.5	8.8	11.1	10.6	10.9	13.5	15.4	7.7
G&A	(USD/t milled)	2.0	3.3	1.7	2.4	1.2	1.3	1.6	1.5
LOM Opex / Tonne	(USD/t milled)	20.1	23.7	Not disclosed	29.8	23.1	27.1	22.7	18.6
All-in-Sustaining-Costs ("AISC")	(USD/oz)	742	681	1,111	687	682	867	762	1.81
		(USD/oz AuEq)							(USD/lbs Cu)

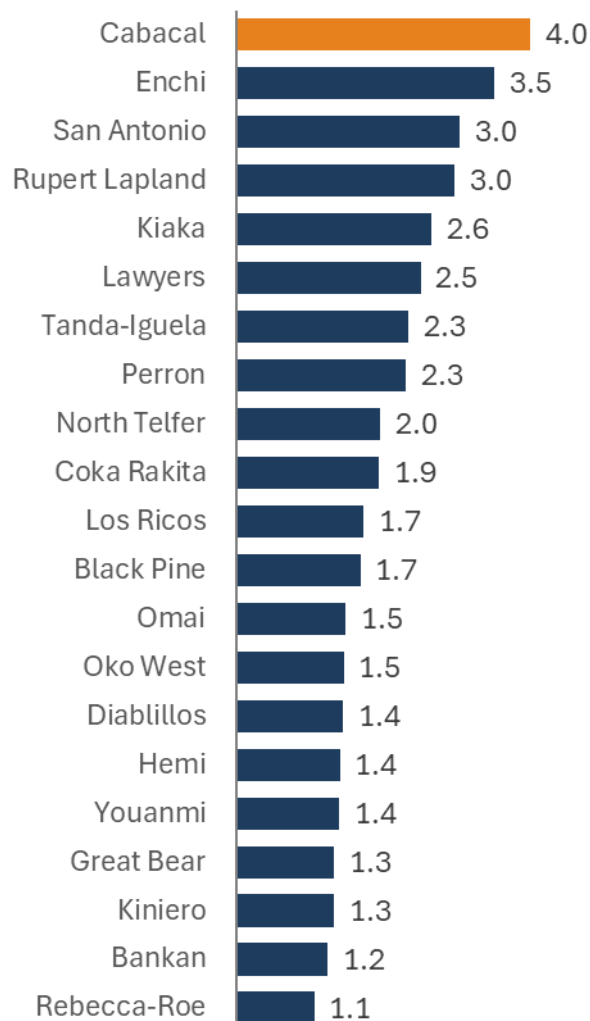
Notes:
1 See News Release 10th March 2025
2 Source CIBC Data, Market Data / Company Data
* Combined Sustaining & expansion
** FS Press Released - \$3-101 not filed
*** Copper Project - Grade and ASIC on a Copper Basis

PFS vs 2024-2025 GOLD PROJECT ECONOMIC STUDIES^{1,2}

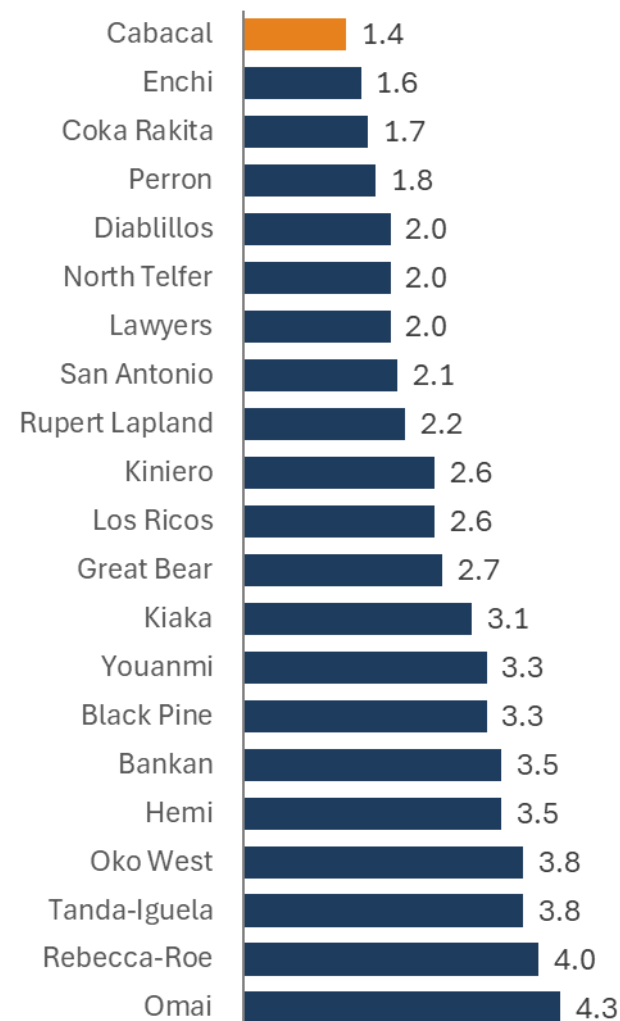
▼ AFTER-TAX UNLEVERED IRR (%)



▼ AFTER-TAX NPV₅ / INITIAL CAPEX (USDM)



▼ PAYBACK PERIOD (YEARS)

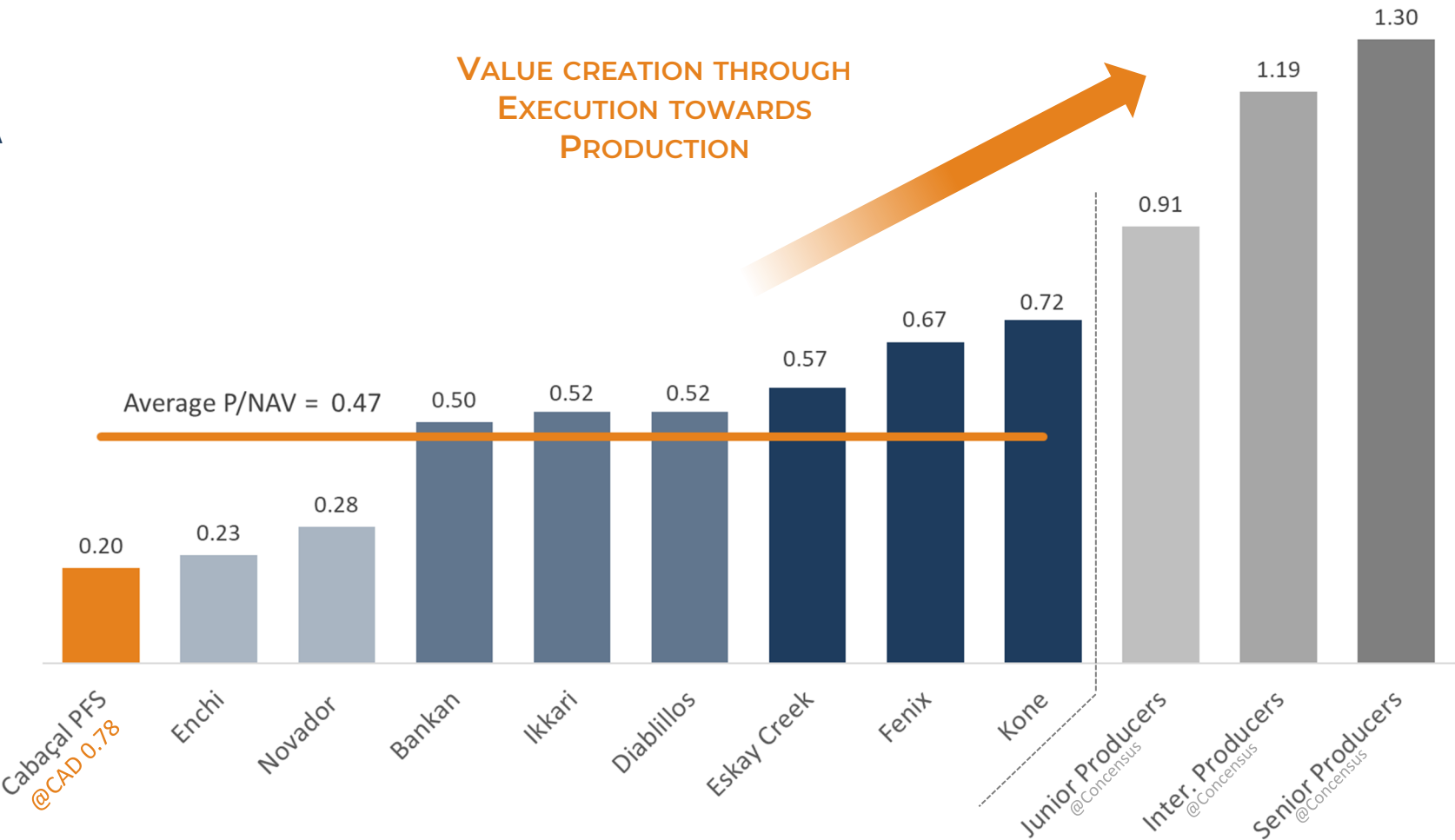


Notes: ¹ See News Release 10th March 2025
² Source CIBC Data, Market Data / Company Data – 6th March 2025

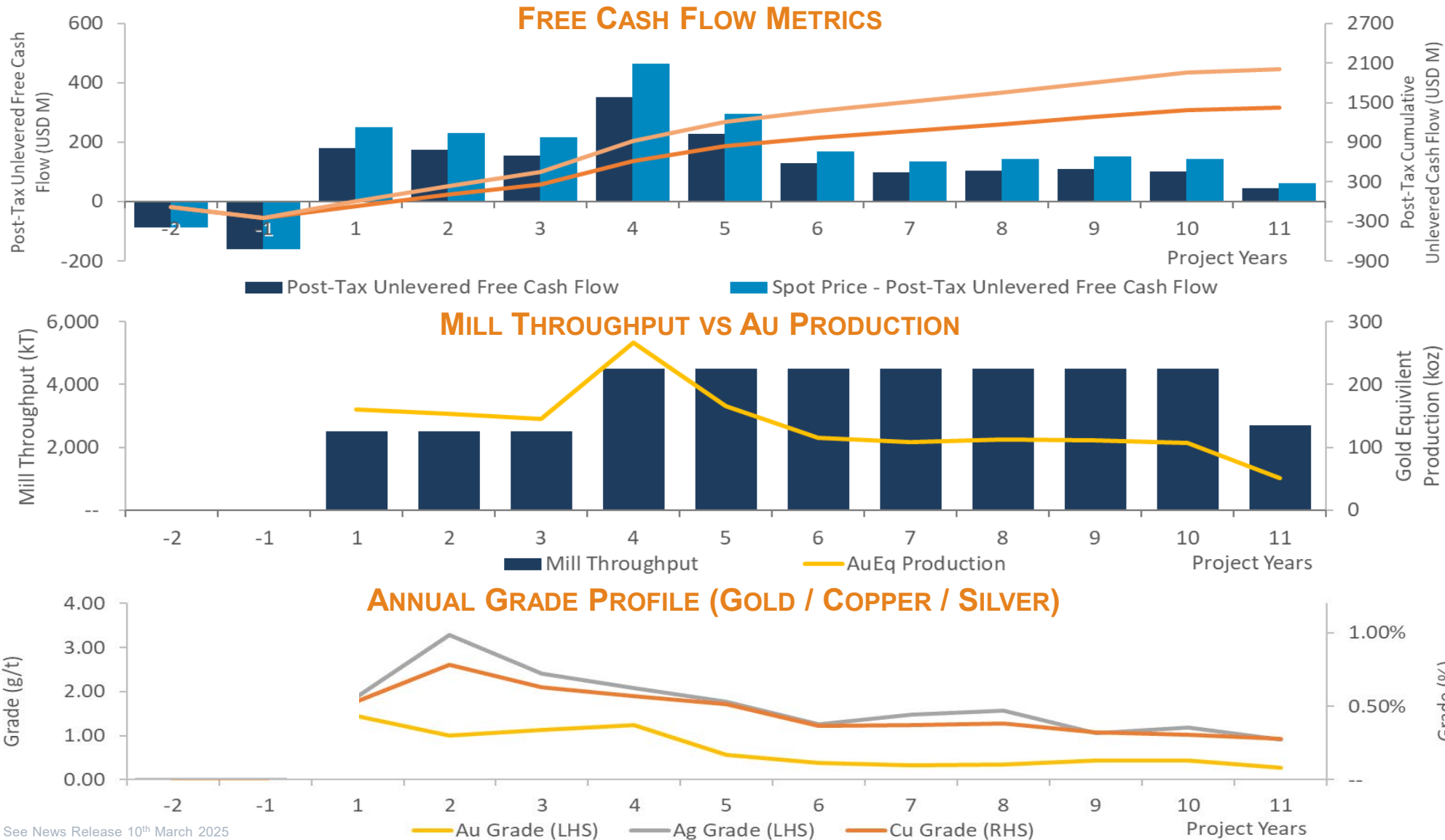
GOLD DEVELOPMENT PROJECT – ASSET BASIS – P/NAV

(USD 2,200 Au (6 June 2025))

FS
PFS
PEA



Notes:
1 See News Release 10th March 2025
2 Source CIBC Data, Market Data / Company Data

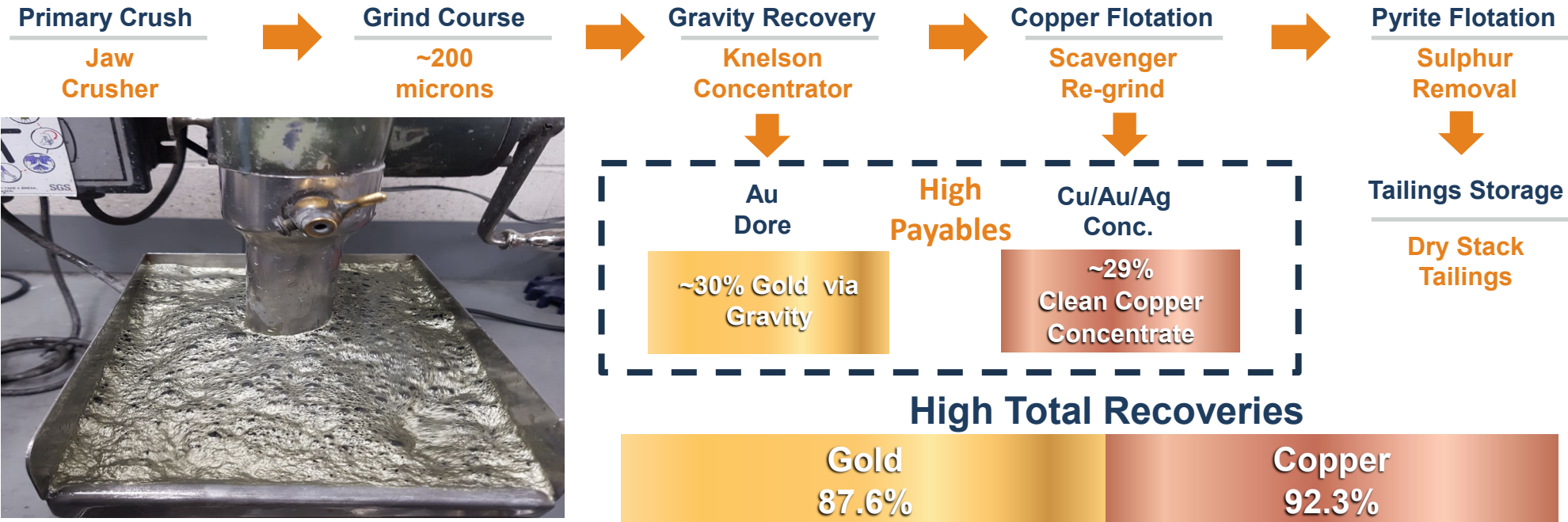


Notes: ¹ See News Release 10th March 2025

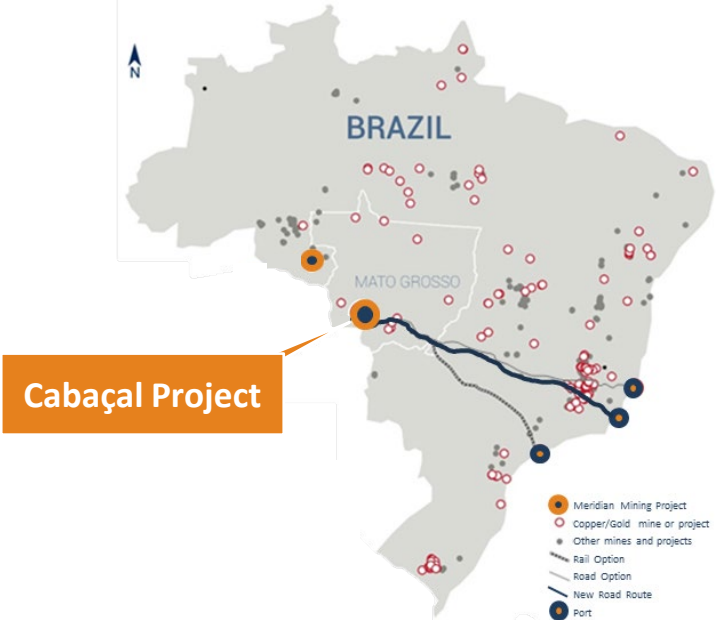
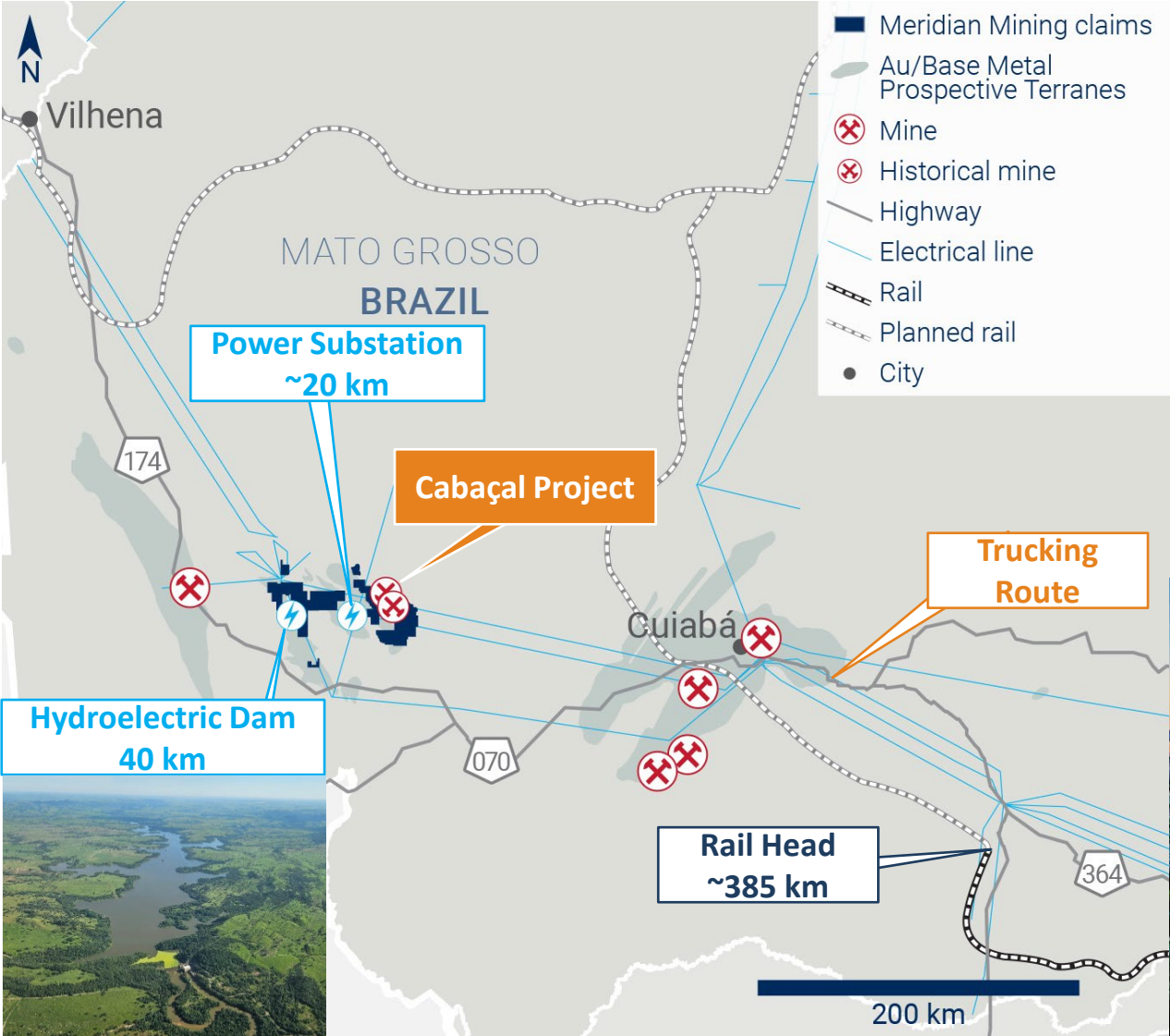
CABAÇAL'S 2025 OPEN PIT RESERVE STATEMENT

Reserve Classification	Average Value				Metal Content		
	Mass	Au	Cu	Ag	Au	Cu	Ag
	Mt	g/t	%	g/t	k oz	kt	k oz
Proven	37.11	0.67	0.45	1.64	797	166	1,963
Probable	4.59	0.36	0.40	1.57	53	18	232
Proven & Probable	41.70	0.63	0.44	1.64	850	184	2,194

SIMPLE ORE FLOWSHEET WITH HIGH RECOVERIES & PAYABLES



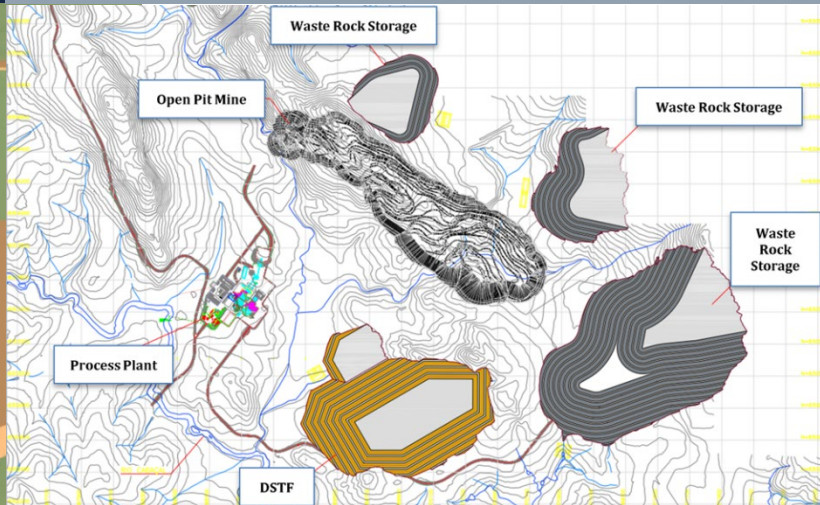
UTILIZING EXISTING INFRASTRUCTURE



CABAÇAL'S MILL LAYOUT



CABAÇAL'S MINE LAYOUT



Tucumã



Tocantinzinho

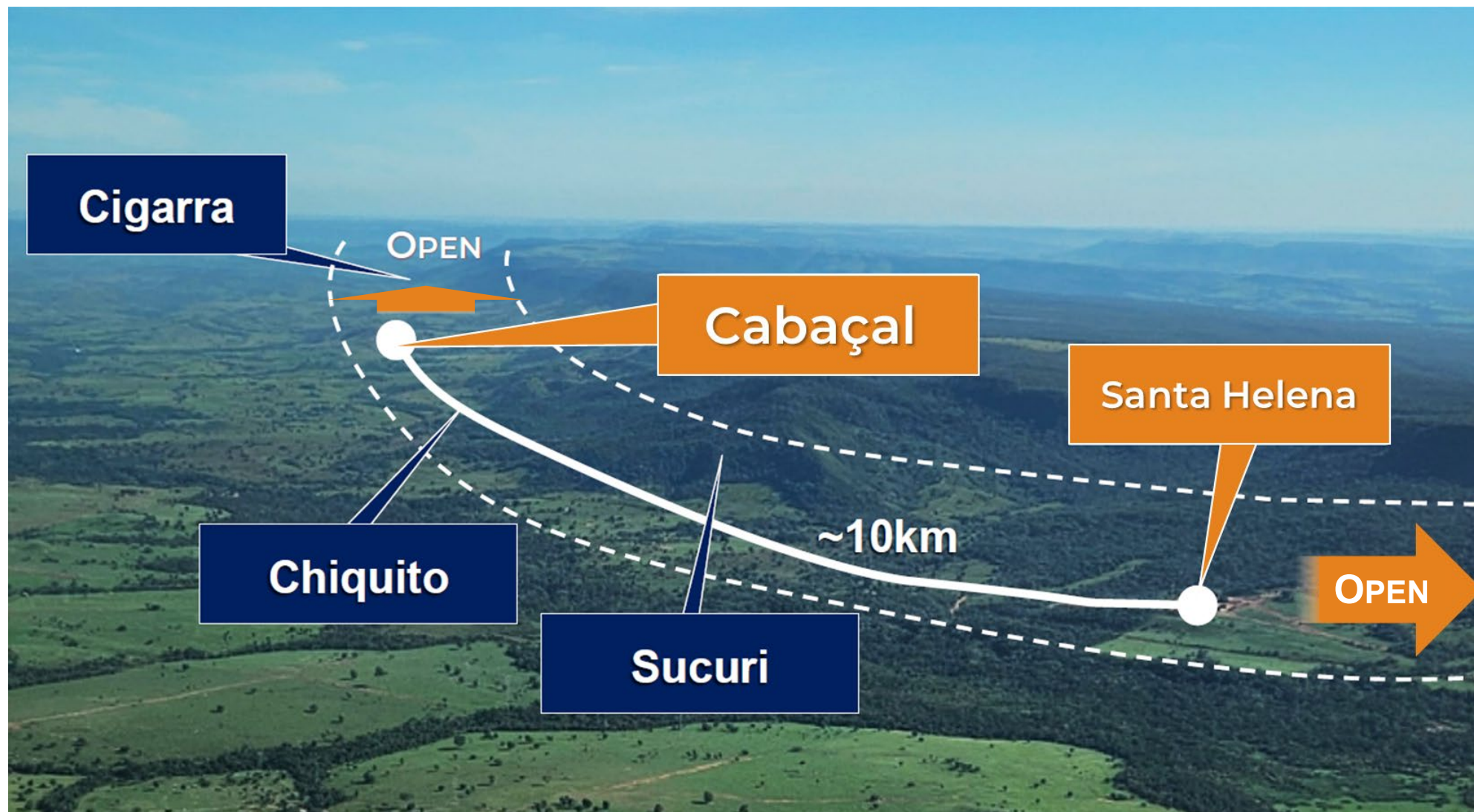


HOCHSCHILD
Mara Rosa



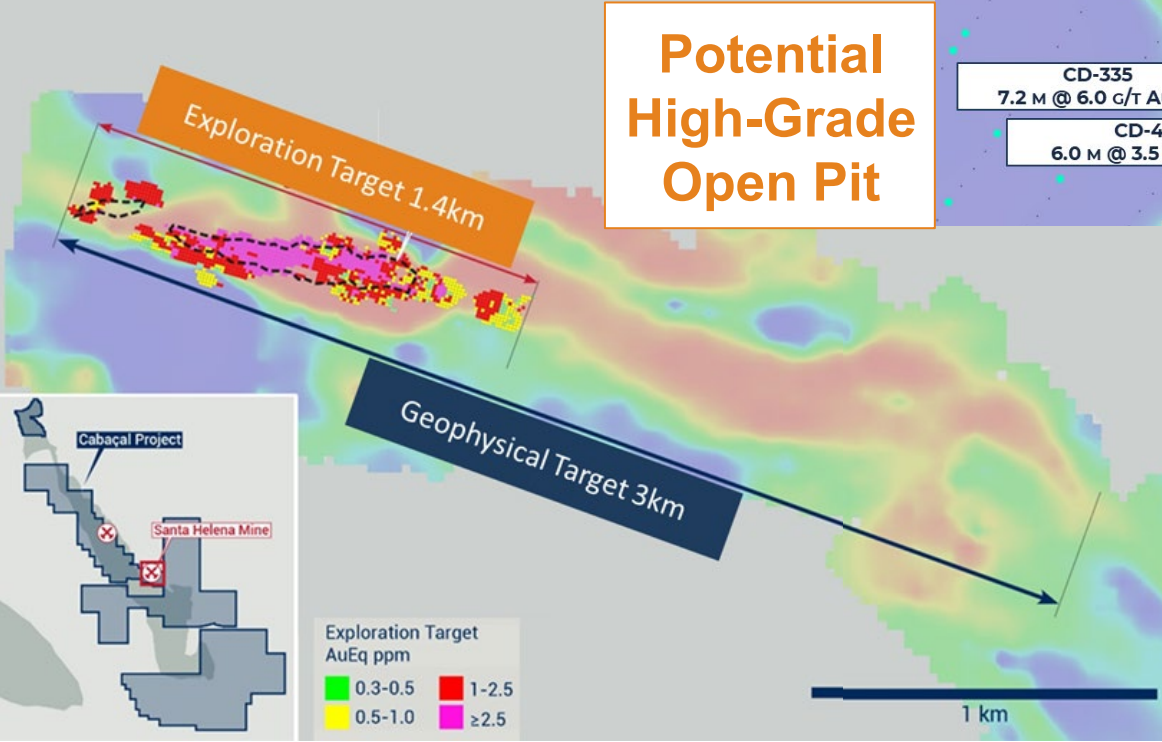
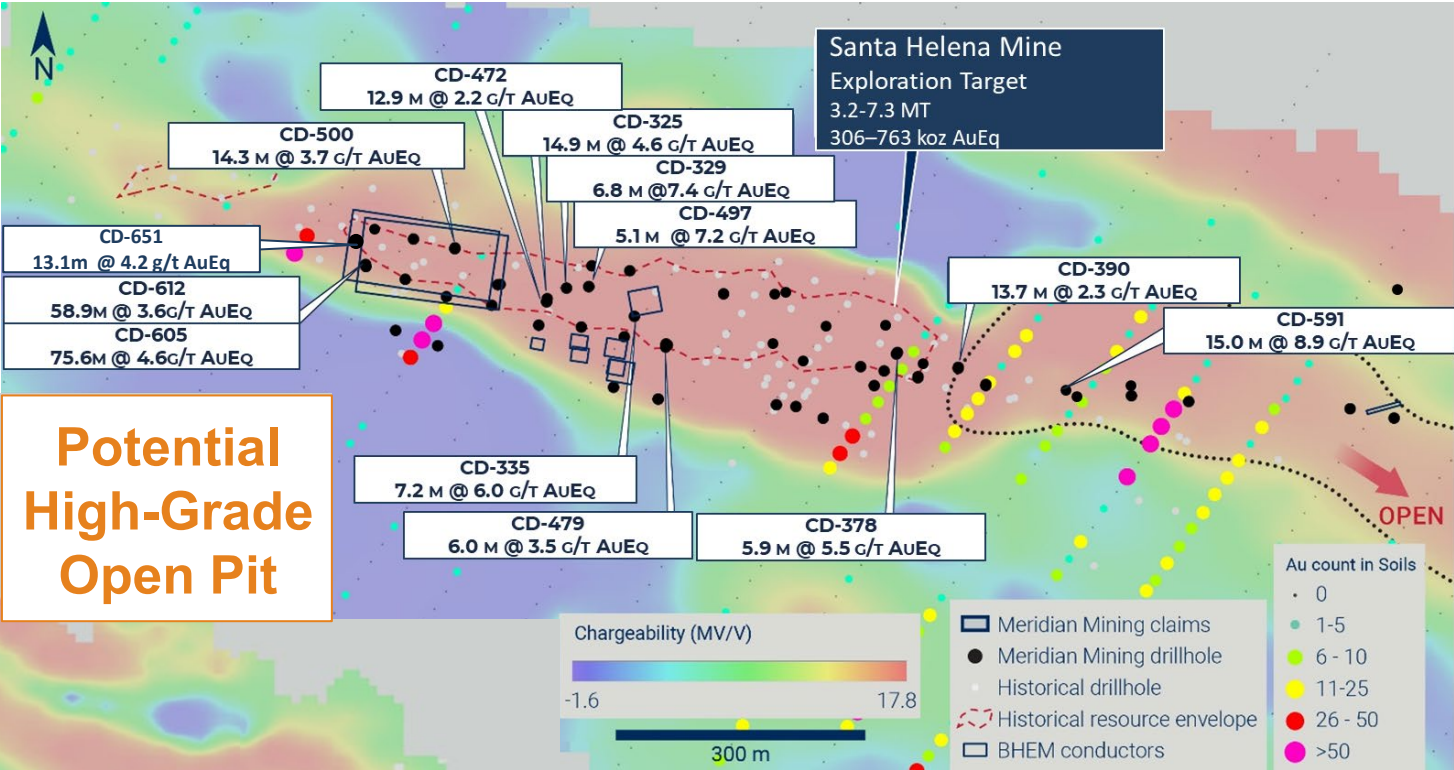
Notes:
1 Company Disclosures

CENTRAL ZONE OF 50KM BELT MINE CORRIDOR FROM CABAÇAL TO SANTA HELENA



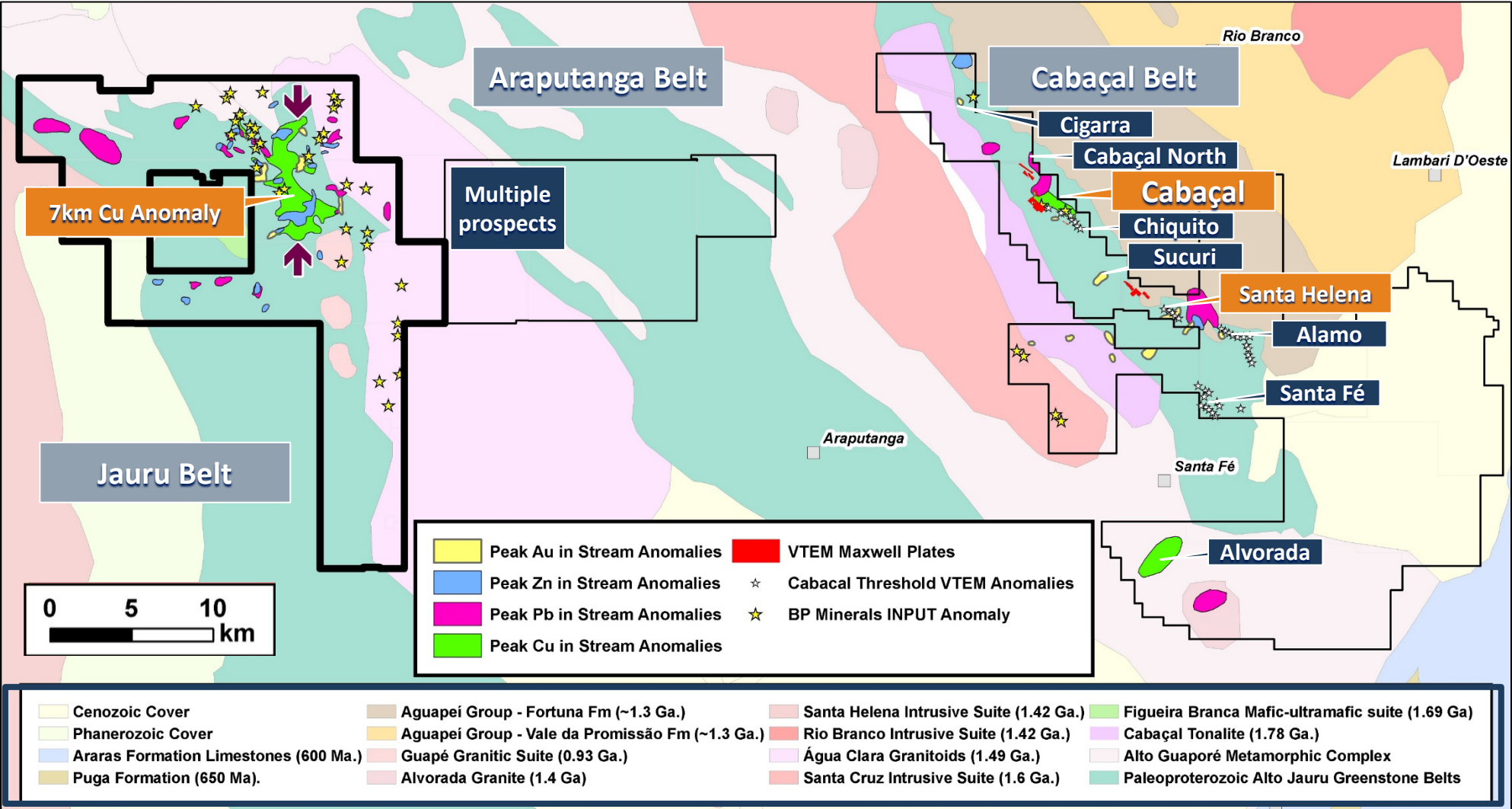
SANTA HELENA – EXPLORATION TARGET AND HIGH-GRADE DRILL RESULTS*

ITEM	TONNE (MT)	AuEq (MT)
UPPER RANGE	7.3	763
LOWER RANGE	3.2	306



* The potential quantity and grade of an Exploration Target is conceptual in nature. There has been insufficient exploration to define a mineral resource, and it is uncertain if further exploration will result in the target being delineated as a mineral resource. The metal equivalence formula is based on the historical Santa Helena resource report, calculated as AuEq based on gold being the dominant metal of the Cabaçal VMS camp, as the expectation is that Santa Helena's mineralization will be evaluated for processing through a centralized facility at the Cabaçal mill with the addition of a zinc circuit.

Notes: 1 See News Releases for further details

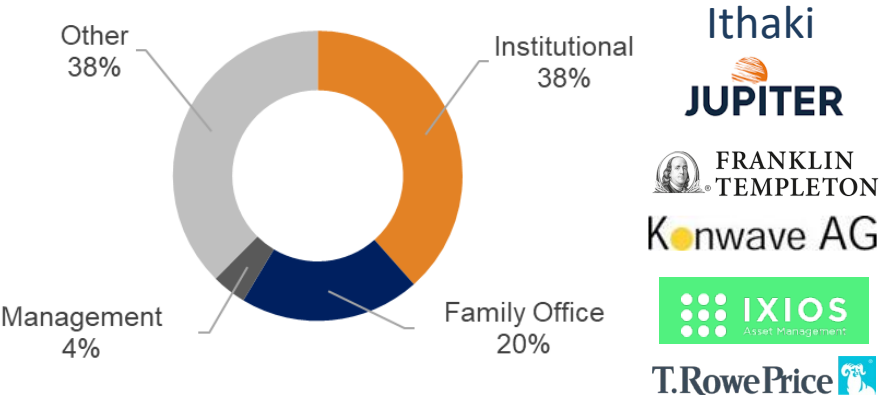


Notes: ¹ See News Releases for further details

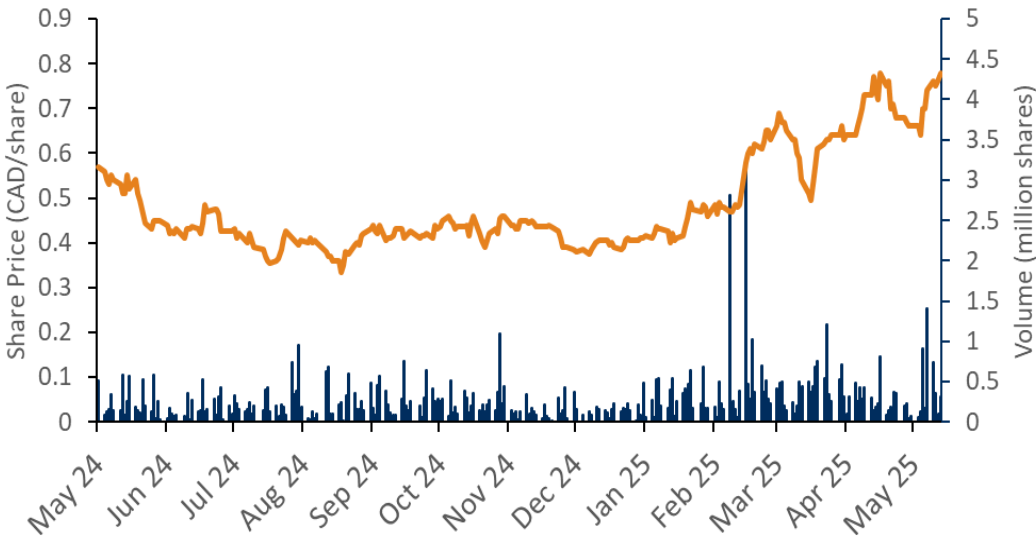
CORPORATE STRUCTURE¹

Shares Outstanding	351.9 m
Compensation Warrants	1.1 m (CAD 0.35)
Options	23.8 m (CAD 0.35-1.10)
Fully Diluted	376.8 m
Share Price	CAD 0.78 (5 June 2025)
Market Capitalization	CAD 274.5 m
Cash ²	CAD 24.8m (31 March 2025)

OWNERSHIP STRUCTURE



MERIDIAN MINING UK S



ANALYST COVERAGE

 BEACON	Mike Curran
 CORMARK SECURITIES INC.	Stefan Ioannou
RAYMOND JAMES	Craig Stanley
SCP RESOURCE FINANCE	Brandon Gaspar
STIFEL	Cole McGill

Notes: 1 Corporate Structure as of 29th May 2025 unless otherwise stated.
2 Cash Balance as of 31st March 2025 & includes ~USD 1.0m in Escrow per purchase agreement.
Annual Financials Cash Balance & Exchange Rate 1.35 (Source - Bank of Canada)

OUR DIRECTORS



BRUCE MCLEOD
Independent Chair
+30 years experience



GILBERT CLARK
CEO & Director
+25 years experience



ADRIAN MCARTHUR
President & Director
+25 years experience



JOHN SKINNER
Independent Director
+35 years experience



SUSANNE SESSELMANN
Independent Director
+30 years experience



DOUG FORD
Independent Director
+35 years experience



NEIL GREGSON
Independent Director
+30 years experience

OUR MANAGEMENT



GILBERT CLARK
CEO & Director
+25 years experience



ADRIAN MCARTHUR
President & Director
+25 years experience



MARTIN MCFARLANE
SVP – Strategy & Projects
+30 years experience



SORAIA MORAIS
Chief Financial Officer
+15 years experience



JAMES MCLUCAS
SVP - Corp. Development
+15 years experience



DAVID HALKYARD
SVP – Project Finance
+20 years experience



MARIANA BERMUDEZ
Company Secretary
+15 years experience



KATHERINE MACLEAN
Sustainability & Comms
+15 years experience

**MANAGEMENT, FINANCE &
REGULATION**



JOEL BRANDAO
Director of Brazil
+40 years experience



ADRIANO MUNARETTI
Procurement Manager
+30 years experience



BARBARA SOUZA
Enviro. Engineer
+10 years experience



RODRIGO SALVI
Inhouse Counsel
+10 years experience

DFS ENGINEERING



VITOR BELO
Mining Consultant
+30 years experience



THIAGO MARQUES SILVA
Project General manager
+15 years experience



MARCELO AMORIM
Project Dev. Manager
+15 years experience



RÔMULO SOUTO
Civil Engineer
+25 years experience

GEOLOGY



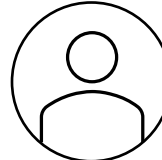
ERICH MARQUES
Chief Geologist
+15 years experience



ANTONIO ALMEIDA
Senior geologist
+40 years experience



ANTONIO FELBER
Senior geologist
+10 years experience

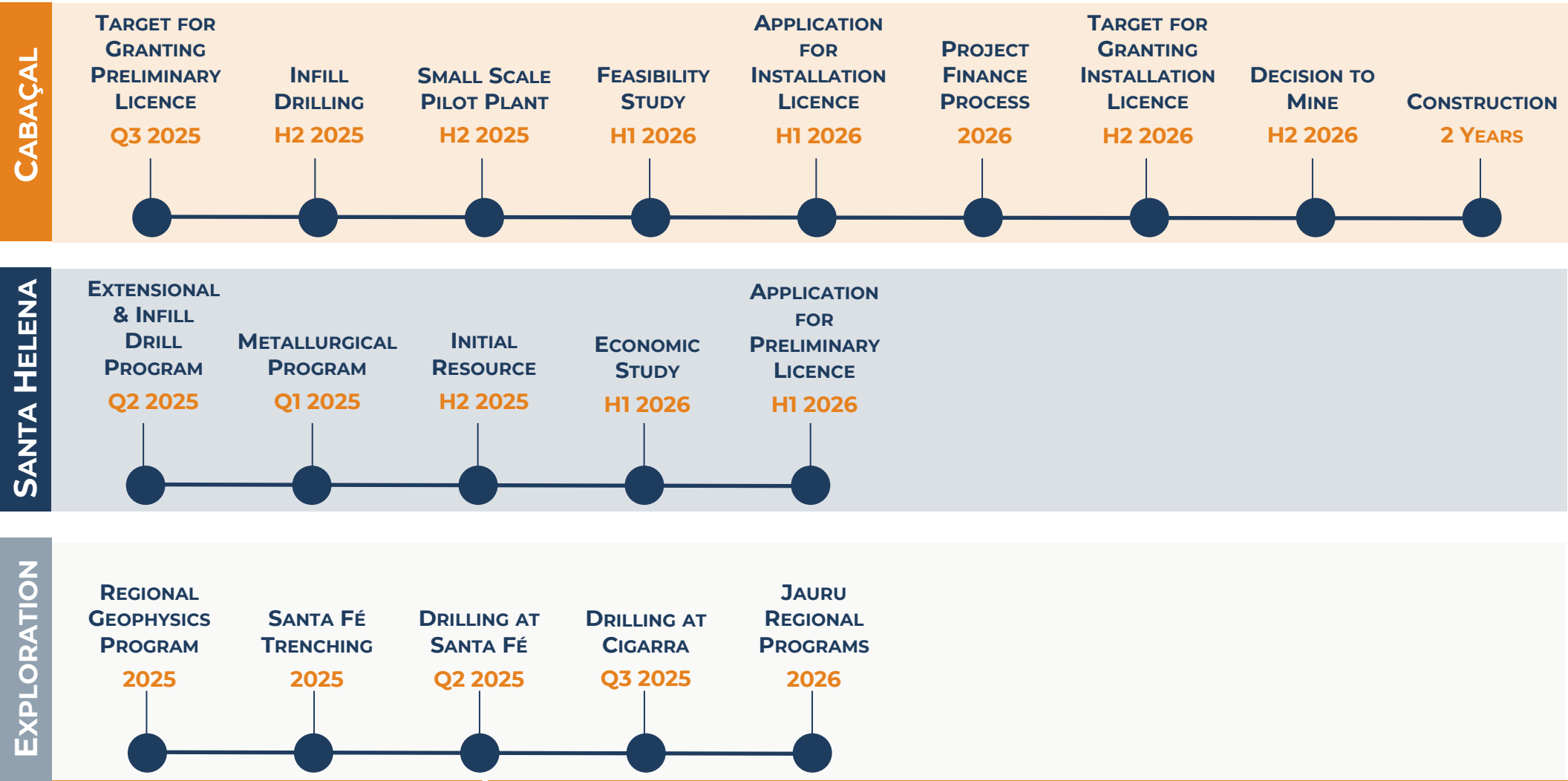


3X GEOLOGISTS
Geologists

SIGNIFICANT LOCAL AND INTERNATIONAL EXPERIENCE



KEY MILESTONES TO BE SHOVEL READY



RE-VALUATION & NEAR-TERM UPSIDE OPPORTUNITIES

PRODUCTION EXECUTION

- ▲ CABAÇAL NEAR-TERM PRODUCTION ASSET
- ▲ LOW INITIAL CAPEX - USD 248 MILLION
- ▲ USD 1.0 BILLION NPV5 & 61.2% IRR
(After-Tax @ Au – USD 2,119/oz & Cu USD 4.16 /lbs)
- ▲ MID-TIER PRODUCTION PROFILE

GROWTH POTENTIAL

- ▲ SANTA HELENA OPEN MINERALIZATION
- ▲ HIGH-GRADE OPEN PIT TARGET
- ▲ POTENTIAL SECOND MINE

EXPLORATION UPSIDE

- ▲ 50KM OF DISCOVERY POTENTIAL AT CABAÇAL
- ▲ MULTIPLE NEW TARGETS DEFINED
- ▲ 3X PARALLEL GREENSTONE BELTS

RE-RATING OPPORTUNITY

- ▲ 12 MONTHS OF CATALYSTS
- ▲ BASE-CASE P/NAV – 0.20x
- ▲ PEERS TRADING – 0.47x P/NAV
- ▲ EXECUTABLE PROJECT WITH POTENTIAL FOR SIGNIFICANT RE-RATING



Notes: ¹ See News Releases for further details



MERIDIAN
MINING

APPENDIX



**REGIONAL
HYDROELECTRIC
GENERATION^{1,2}**

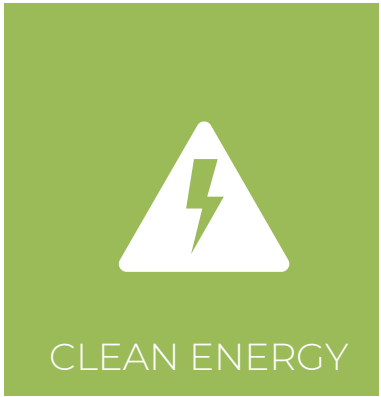
Jaurú Cascade

235.9 MW
(6 Facilities)

Juba Cascade

139.4 MW
(4 Facilities)

GOVERNING ESG PHILOSOPHIES



CABAÇAL HISTORY

Discovery 1980-1984

**AFONSO
FIGUEIREDO**

Geologist
+ 50 years
experience



BP MINERALS Development 1984-1986

**ROCKY
OSBORNE**

Geologist
+ 40 years
experience



Production 1986-1991

**GILSON
TEIXEIRA**

Geologist
+ 40 years
experience



RIO TINTO Acquisition 1989-2005

**JOHN
WAGHORN**

Geologist
+ 50 years
experience



LEADING EXPERTISE IN METALLURGY & CONCENTRATES

**PHILLIP
MACKAY**
Metallurgist
+ 50 years
experience



**MIKE
OUNPUU**
Geological Engineer
+ 40 years
experience



FALCONBRIDGE



noranda



CAPITAL MARKETS EXPERTISE

**TOMMY
HUMPHREYS**
Capital Markets
+ 15 years
experience



VMS CLUSTERS - HUB & SPOKE STRATEGY

- VMS deposits occur in Clusters & tend to form ~4km spacings
- Deposit clusters ideal for Hub & Spoke development strategy

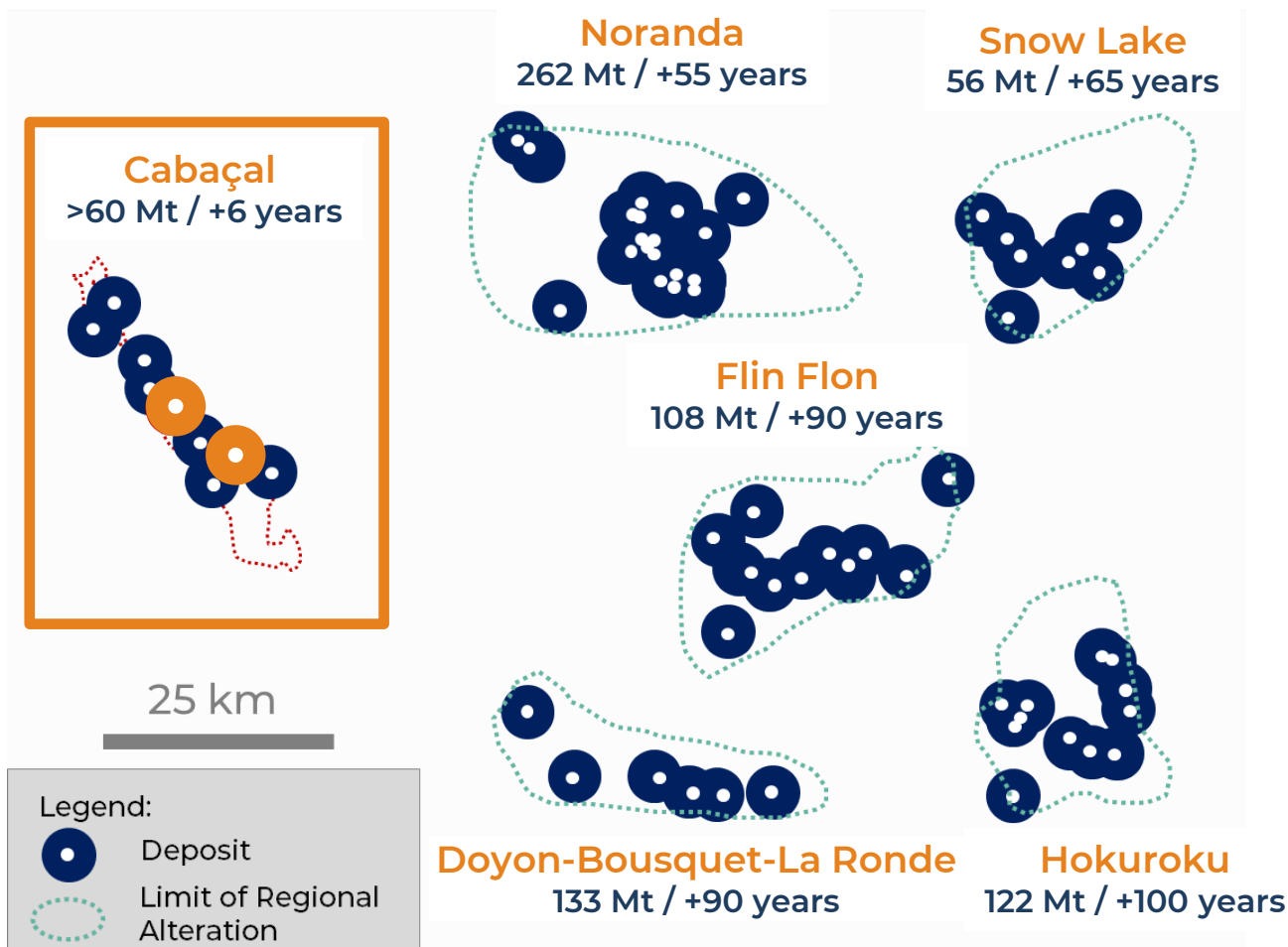
GIANT SCALE VMS

- Cabaçal Mine – “Giant” (>30 Mt) VMS Deposit on Standalone Basis
- Top 4% Global VMS Deposits by Tonnage
- Cabaçal VMS Belt underexplored and under-developed compared to analogue camps

INTERGENERATIONAL PRODUCTION

- Many large VMS Deposits have over 50 year production history
- Cabaçal - 6 years past production & 11 year projected LOM (PFS)³

VMS BELTS – LOW CAPEX – HIGH RETURNS – LONG LIFE



Notes: ¹ See Meridian Announcements

² Source: Akita University, Galley et al. (2007); Mercier-Langevin et al. (2007) S&P Global, Hudbay 2020

³ See Meridian Press Releases

STRUCTURED PURCHASE AGREEMENT TO ACQUIRE A 100% BENEFICIAL INTEREST¹



Protects Meridian Shareholders Equity and provides Vendors an Interest Going Forward

Payments	Requirements	Vendor Payment (USD)	Vendor Payment (Shares)	Status
1	On signing	25,000	—	Complete
2	On completion of due diligence	275,000	—	Complete
3	1st phase drilling program, subject to statutory approvals & access agreements, with independent QP review	1,750,000	—	Complete
4	Completion of NI 43-101 resource estimation	—	1,000,000	Complete
5	Positive Feasibility Study	1,850,000	1,500,000 (or CAD 450,000 at election of vendors)	Pending
6	30 days after grant of Installation Permits (LI) by Mato Grosso State	2,250,000	2,000,000 (or CAD 600,000 at election of vendors)	Pending
7	45 days after Cabaçal mine construction finance has been secured	2,600,000	—	Pending
Total Financial Consideration (USD)		8,750,000	4,500,000	

As Meridian advances Cabaçal its value increases, the investment risk decreases, and milestone related payments are made

¹ See News Release 28th January 2022, 26th August, 3rd September 2020, & most recent MD&A

Item		
Plant Feed Mined	Mt	41.7
Waste Mined	Mt	97.2
Total Mined	Mt	138.9
Mill Throughput (LOM Average)	Mt/annum	3.9
Total gold production	ounces	744,301
Total copper production	tonnes	169,647
Total silver production	ounces	1,328,514

Item		
Milled tonnes	Mt	41.7
Mill throughput	Mt/ annum	3.9
Strip Ratio	Waste: Mineralized Material	2.3
Average metallurgical recovery - Gold	%	87.6%
Average metallurgical recovery - Copper	%	92.3%
Average metallurgical recovery - Silver	%	60.5%

Item		Year 1-5	LOM
Average annual AuEq recovered	000 Ounces	178.2	141.0
LOM Gold Recovered (AuEq)	000 Ounces	891.1	1,495.4
LOM Gold payable (AuEq)	000 Ounces	859.8	1,439.5
Total Cash Cost	USD/oz	546.4	684.7
Sustaining capital	USD/oz	24.1	37.7
All in Sustaining Costs ("AISC")	USD/oz	570.5	742.3

CAPITAL COST BREAKDOWN

Cabaçal Initial Capital Costs

Item	US\$mm
Mining	30.08
Process Plant	119.03
Dry Stack tailings	9.35
Off site infrastructure	9.96
Total Directs	168.41
Project Indirects	29.78
Owner's Costs	8.42
Total Indirects	38.20
Contingency	41.32
Project Total	247.93

Cabaçal Expansion Capital Costs

Item	US\$mm
Process Plant	35.49
Total Directs	35.49
Project Indirects (Incl. Owner's costs)	10.95
Total Indirects	10.95
Contingency	9.29
Project Total	55.73

Cabaçal Sustaining Capital Costs

Item	US\$mm
Dry Stack Tailing Facility	19.01
On site infrastructure / Dry Stack tailings	17.29
Plant Sustaining	17.98
Total Sustaining Capital	54.28

Cabaçal Operating Costs Breakdown		
Item	USD/t milled	USD/oz
Mining Costs	8.52	246.92
Labour	1.31	37.83
Power	1.54	44.56
Reagents & Consumables	2.64	76.57
Maintenance	0.90	26.05
Water/sewage	0.00	0.05
Road maintenance	0.04	1.14
Laboratory	0.24	7.04
Dry stack	0.63	18.27
Concentrate Logistics	2.21	64.17
G&A	2.05	59.33
Total Operating Costs	20.09	581.94

Notes: 1 See News Release 10th March 2025

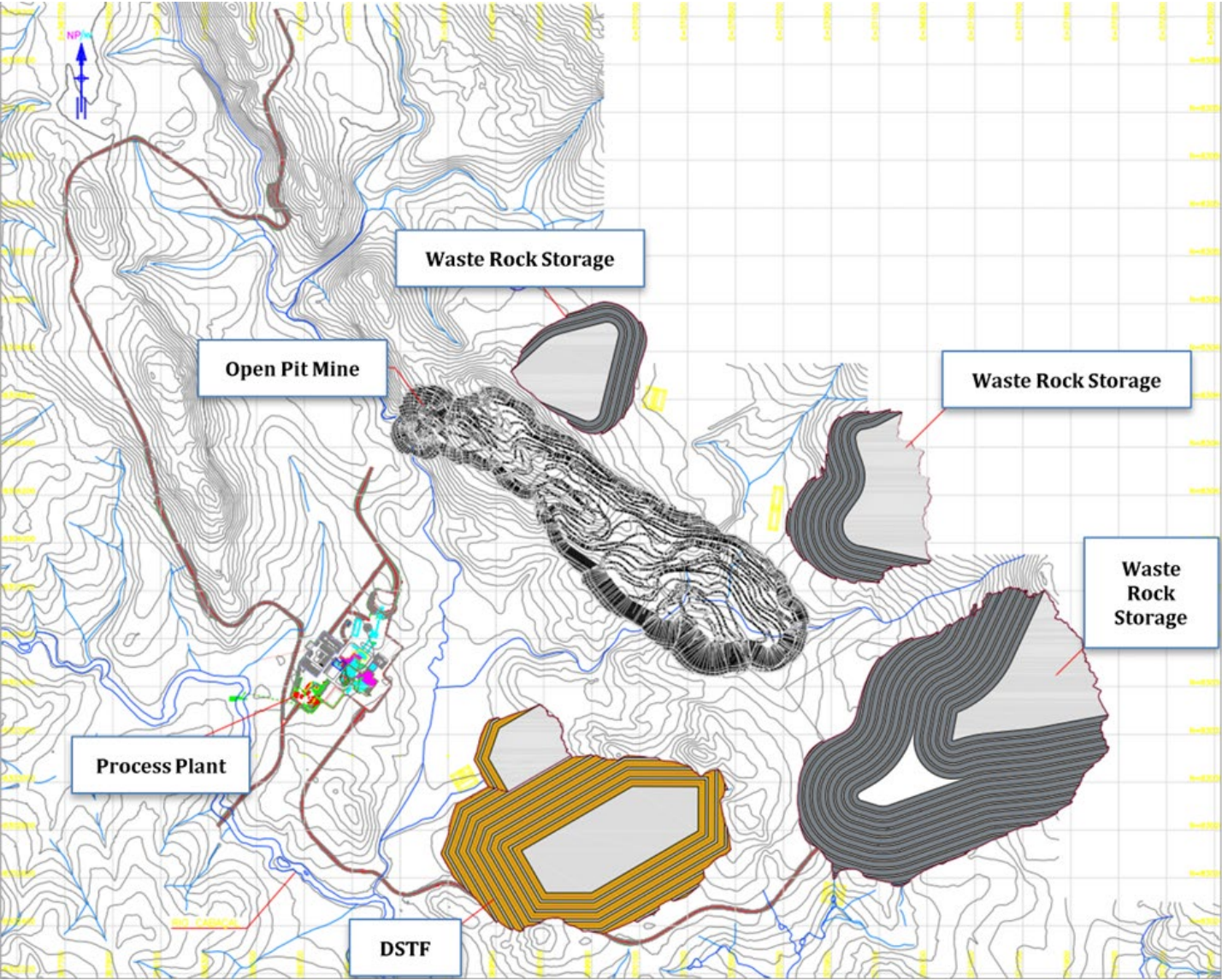
Item		LOM
Plant Feed Mined	Mt	41.7
Waste Mined	Mt	97.2
Total Mined	Mt	138.9
Strip Ratio	Waste:Mineralized Ore	2.3
Milled tonnes	Mt	41.7
Mill Throughput	Mt/annum	2.5 then 4.5
Item		LOM
Total gold production	ounces	744,301
Total copper production	tonnes	169,647
Total silver production	ounces	1,328,514
Average metallurgical recovery - Gold	%	87.6%
Average metallurgical recovery - Copper	%	92.3%
Average metallurgical recovery - Silver	%	60.5%
Item		LOM
Average annual gold production (AuEq)	000 Ounces	141.0
Recovered Gold (AuEq)	000 Ounces	1,495.4
Total Cash Cost	USD/oz AuEq	684.7
Sustaining capital	USD/oz AuEq	37.7
All in Sustaining Costs ("AISC")	USD/oz AuEq	742.3

Item		Base Case		Spot Case	
Life of mine	Years	10.6		10.6	
NPV ₅	USD million	984		1,411	
IRR	%	61%		80%	
Payback	Months	17		12	
Initial Capital Expenditure	USD million	248		248	
Expansion Capital Expenditure	USD million	56		56	
Sustaining Capital Expenditure	USD million	54		54	
Item		Average Year 1-5	Total LOM	Average Year 1-5	Total LOM
Revenue	USD million	364	3,050	455	3,767
Operating Costs	USD million	77	838	77	838
Free cash (After Tax)	USD million	218	1,424	291	2,013

Notes: 1 See News Release 10th March 2025

Year	Mining Schedule						Low Grade Stockpile Balance				Plant Feed			
	ROM (Mt)	Au (g/t)	Ag (g/t)	Cu (%)	Waste (Mt)	Total Mov (Mt)	LG Stock (Mt)	Au (g/t)	Ag (g/t)	Cu (%)	Plant Feed (Mt)	Au (g/t)	Ag (g/t)	Cu (%)
Pre-Stripping	1.89	0.31	0.89	0.34	8.41	10.30	2.12	0.47	0.90	0.33				
1	4.93	1.16	1.61	0.46	7.57	12.50	4.33	0.62	1.14	0.36	2.50	1.45	1.89	0.54
2	4.61	0.53	2.21	0.53	8.29	12.90	6.43	0.41	1.07	0.32	2.50	0.99	3.29	0.78
3	3.57	0.85	1.99	0.53	8.67	12.24	7.50	0.38	1.06	0.32	2.50	1.12	2.41	0.63
4	3.51	1.15	2.01	0.54	8.45	11.96	6.52	0.20	0.87	0.27	4.50	1.25	2.07	0.57
5	3.82	0.56	1.76	0.50	9.17	13.00	5.84	0.16	0.76	0.23	4.50	0.56	1.77	0.52
6	2.93	0.51	1.46	0.43	8.71	11.64	4.27	0.15	0.71	0.22	4.50	0.39	1.26	0.37
7	3.49	0.38	1.70	0.42	8.80	12.29	3.26	0.16	0.72	0.22	4.50	0.33	1.47	0.37
8	4.42	0.38	1.67	0.40	8.26	12.68	3.18	0.19	0.83	0.25	4.50	0.35	1.58	0.38
9	4.50	0.54	1.20	0.37	10.16	14.66	3.18	0.35	1.03	0.31	4.50	0.43	1.06	0.32
10	4.02	0.39	1.13	0.28	10.75	14.77	2.70	0.28	0.92	0.28	4.50	0.43	1.19	0.30
11	-	-	-	-	-	-	-	-	-	-	2.70	0.28	0.92	0.28
	41.70	0.63	1.64	0.44	97.24	138.94					41.70	0.63	1.64	0.44

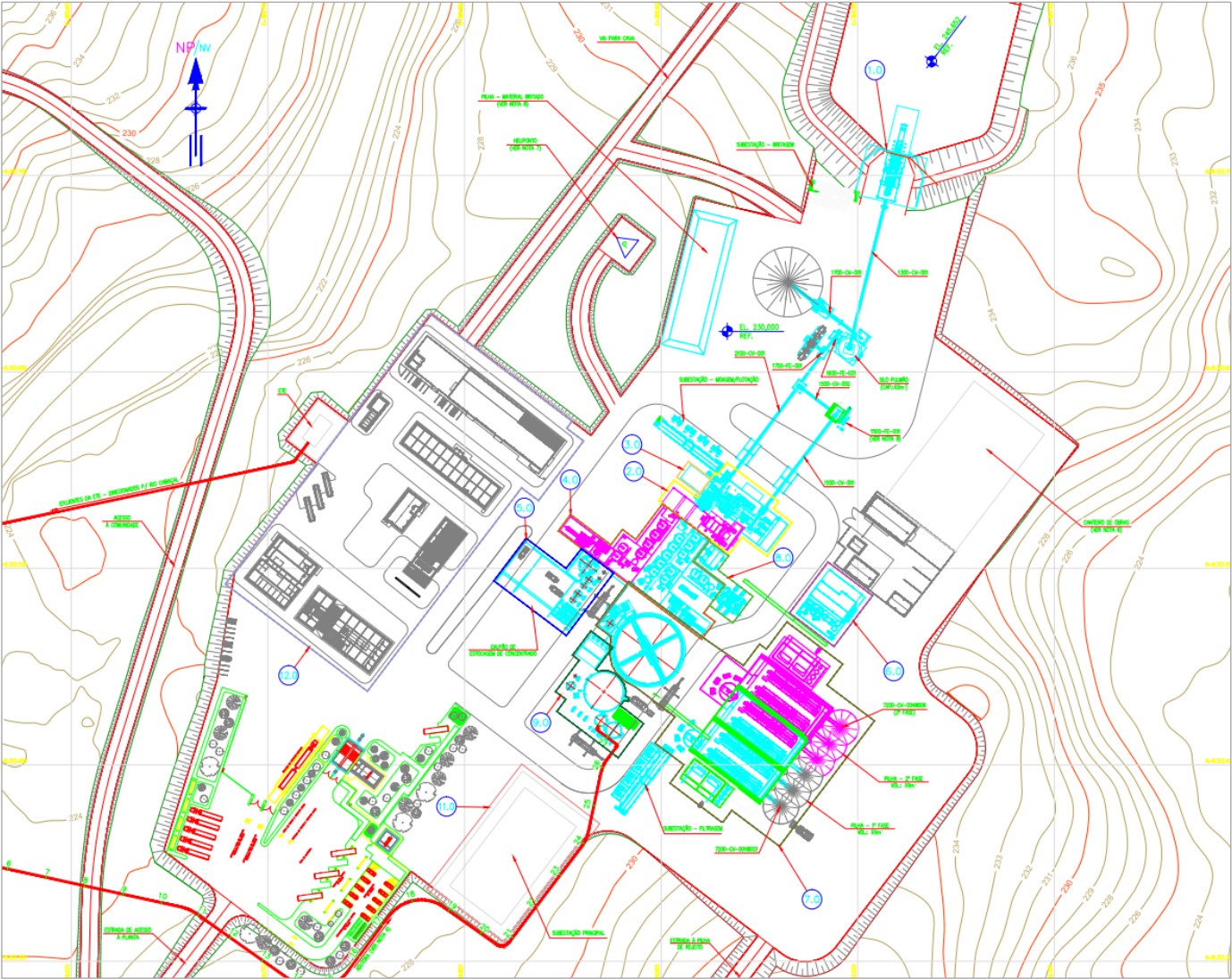
Notes: 1 See News Release 10th March 2025



**Simple Mine and
Plant Layout**

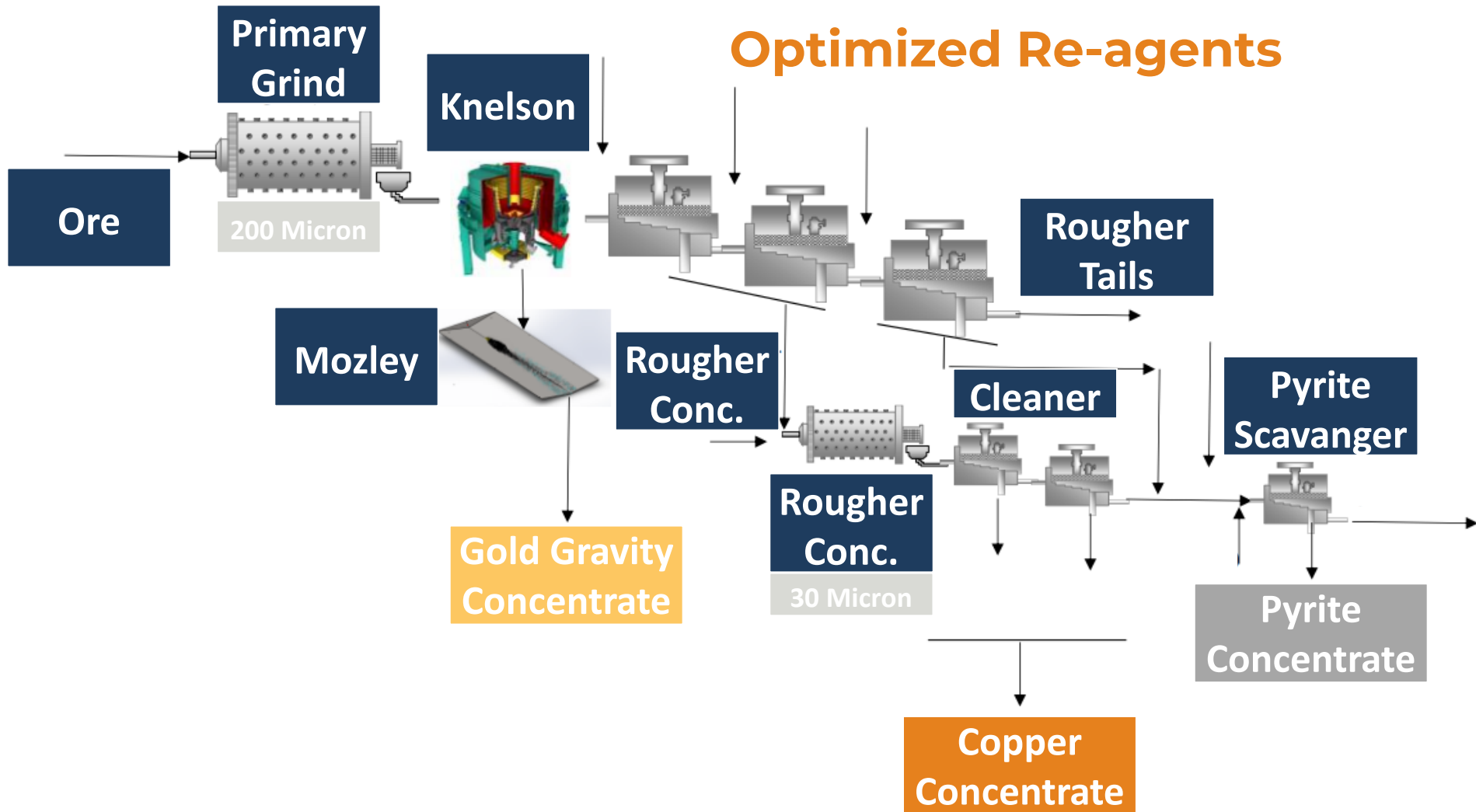
**Tailings
optimized for
Trucking
Distance**

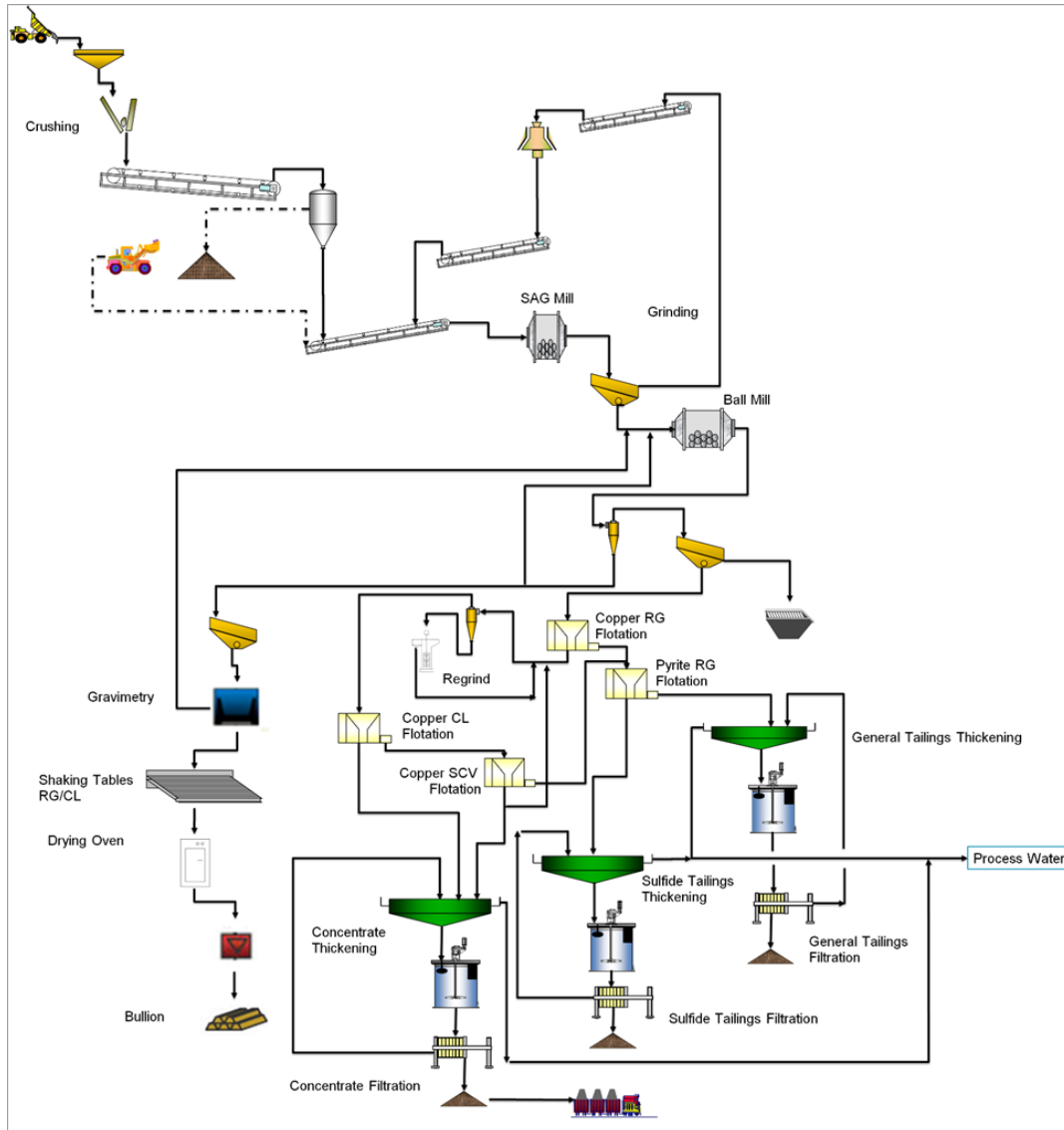
Notes: 1 See News Release 10th March 2025









**Two stage
expansion plan
with footings in
place for
4.5mtpa
production**

Notes: 1 See News Release 10th March 2025






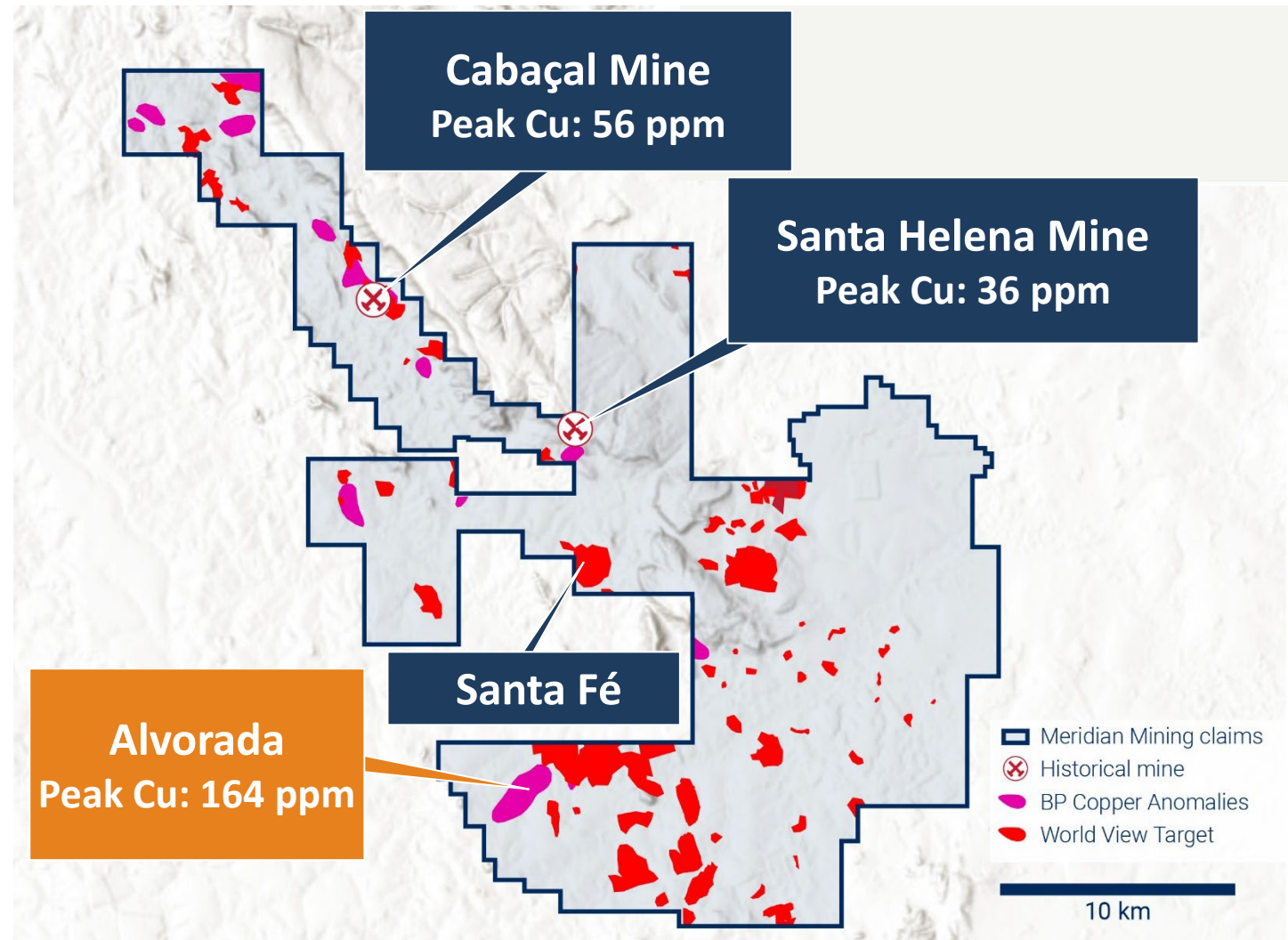


SIMPLE PROCESS FLOWSHEET WITH HIGH RECOVERIES

-  **Jaw Crusher**
-  **Primary Grind ~200 microns**
-  **Gravity Circuit – 30% Au**
-  **First Cu Flotation**
-  **Re-Grind ~30 microns**
-  **Cleaner Circuit delivers high grade, high recovery, clean concentrate**

ENGINEERED FOR EXPANSION

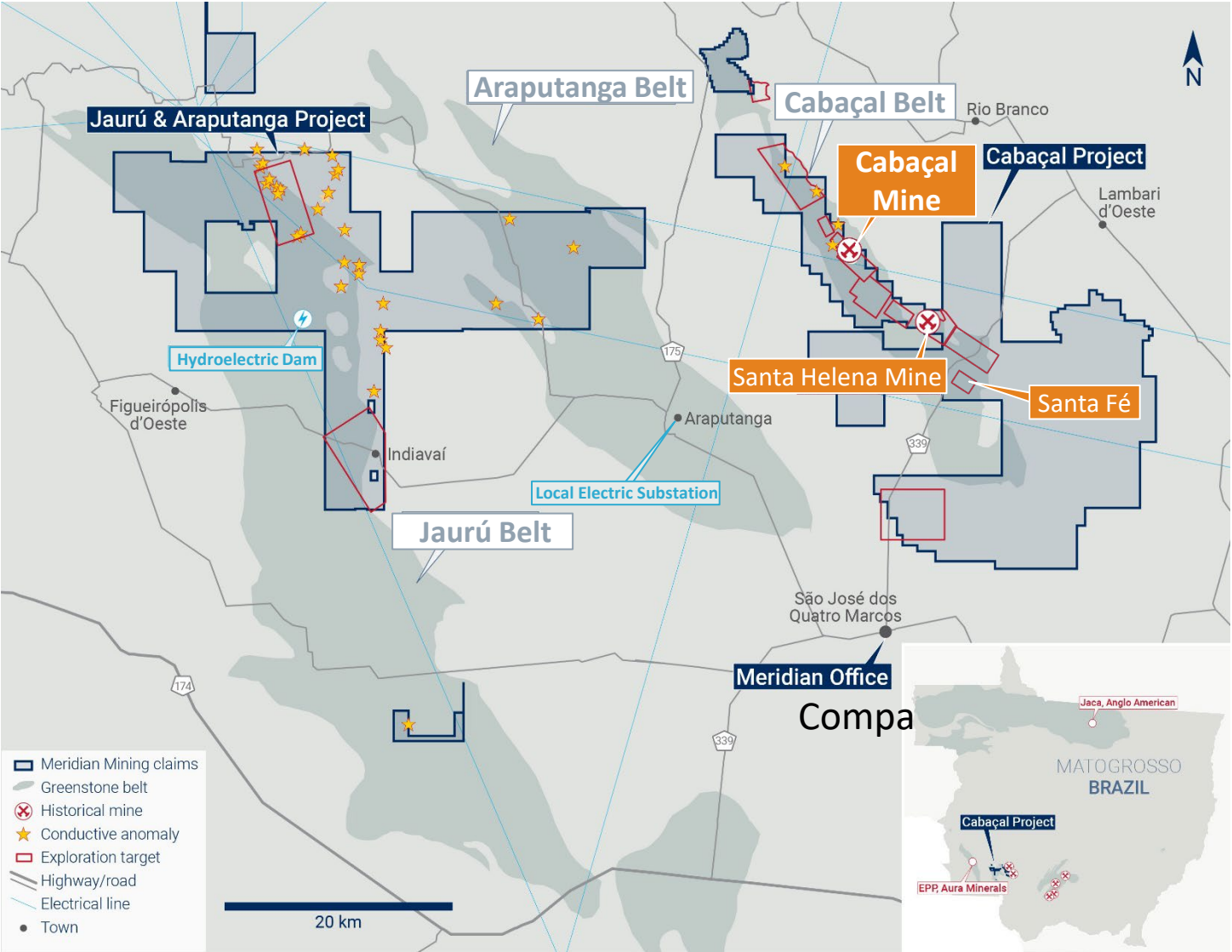
-  **SAG Mill for 2.5mtpa**
-  **Ball Mill added for 4.5mtpa capacity**
-  **Expanded Gravity and Flotation for 4.5 mtpa**



**Alvorada
uncovered as
Cabaçal
Belts's most
significant
copper in
stream
anomaly**

¹ See Meridian News Release 14th February 2023

REGIONAL EXPLORATION TARGETS¹



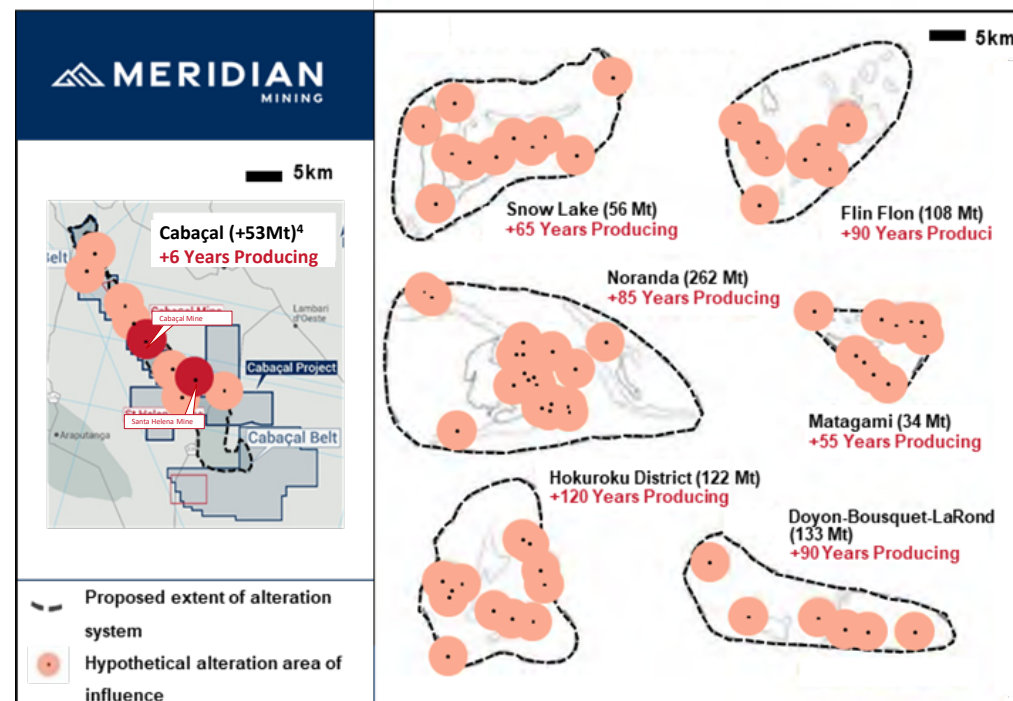
DISTRICT SCALE

-  928 km² tenements
-  Regional Exploration by BP Minerals
-  Historical Cu-Au-Zn geochemical anomalies
-  Potential extensions of VMS belt stratigraphy
-  Jaurú & Araputanga Greenstone belts potential to repeat discovery success at Cabaçal

¹ See News Releases: 20th June 2022, 5th Jan 2022 & 12th April 2021

CABAÇAL VMS PROJECT ANALOGUES

- ▲ Cabaçal is a camp scale VMS project underexplored and under-developed compared to analogue camps
- ▲ Cabaçal has already one giant VMS deposit defined
- ▲ VMS deposits tend to form periodically, related to hydrothermal convection cells on the ocean floor at ~4km spacings
- ▲ Cabaçal's multiple targets are consistent with deposit clustering, with potential for blind repeats
- ▲ VMS deposits are well known for their base and precious metal production
- ▲ Cabaçal VMS district has many similarities to other VMS districts such as Flin Flon (Manitoba), and Matagami (Quebec)



A junior company acquiring ownership of a VMS belt on a camp scale is a rare opportunity

“We are excited about the potential for more ore discovery around Cabaçal and in the belt as a whole... In a Canadian context the Cabaçal belt would be a prime long-term target for VMS type mineralization, with strong competition for ground holdings.”³

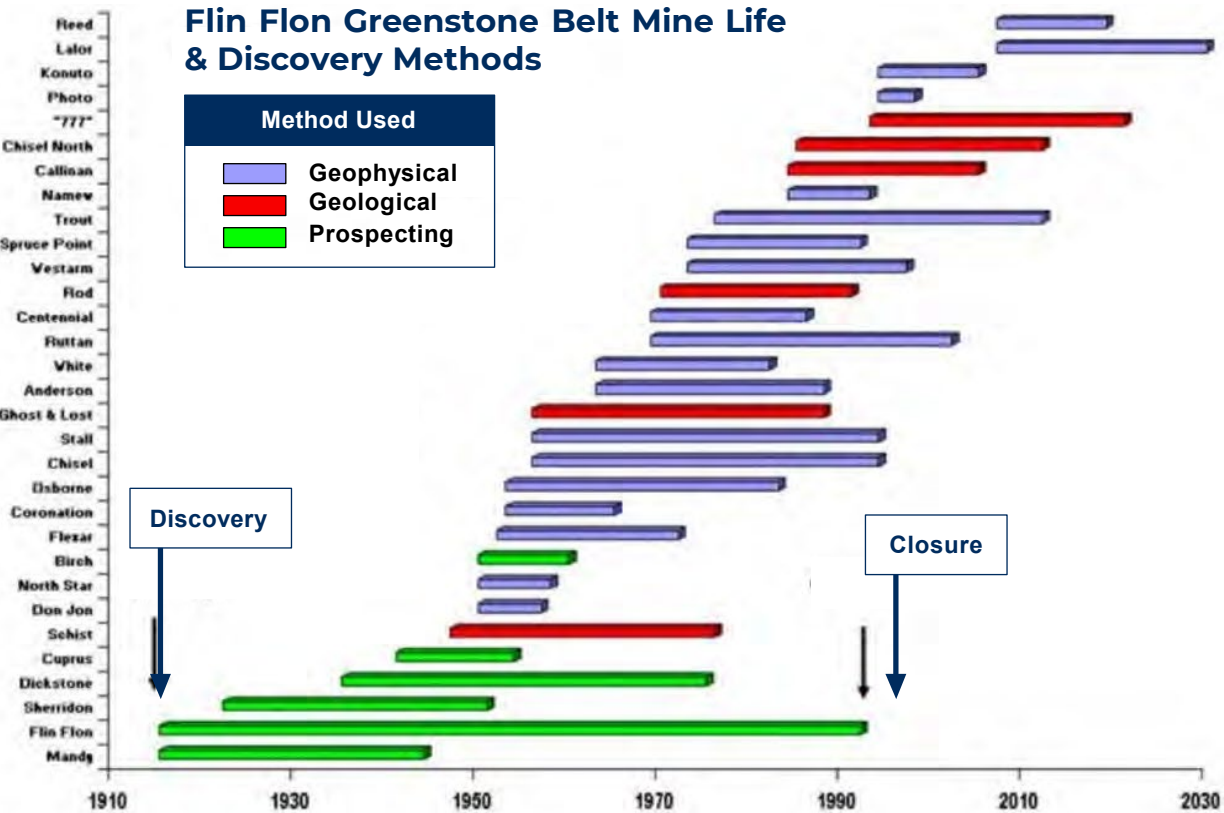
Notes: ¹ Source: Akita University, Galley et al. (2007); Mercier-Langevin et al. (2007) S&P Global, Huiday 2020 See Meridian Announcement of 26th August, 2020

² See News Release dated 26th September

³ Cabaçal-1 Mine Mato Grosso State, Brazil. Report by Dr Robert Mason and Mr. David Kerr. Queens University, Ontario, Canada

⁴ See News Release 26th September 2022

EVOLUTION OF VMS CAMPS OVER TIME¹



▲ FLIN FLON: FROM THE PROSPECTOR TO VTEM

THE TECHNICAL EVOLUTION

- ▲ First discovery identified through prospecting (David Collins - Tom Creighton, 1914)
- ▲ Early mapping and geochemistry may identify hydrothermal centers. Economic mineralization not necessarily present at surface
- ▲ Cyclical nature of metal prices can influence sustained exploration effort
- ▲ Modern geophysical exploration methods have successfully expanded the discovery window, through surface and down-hole survey techniques
- ▲ Improved analytical methods add increasingly sophisticated criteria for geochemical vectoring to mineralization
- ▲ Geochemical methods are supplemented by alteration mapping, maximizing information from deeper drilling to map fluid pathways, and model the hydrothermal system in 3D

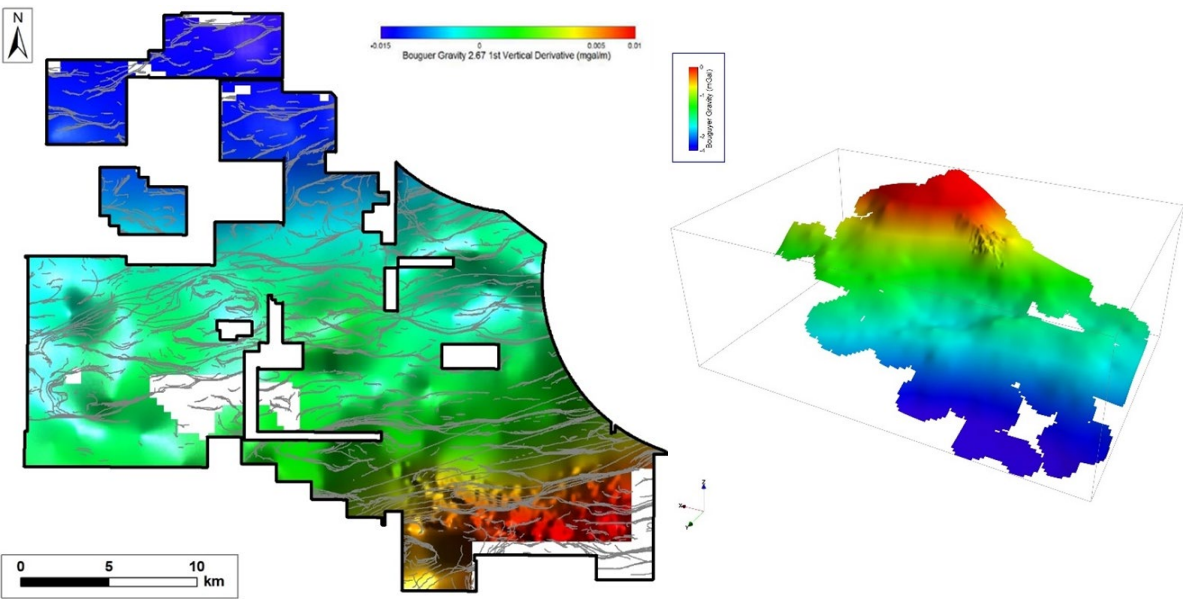
¹ Source: Gilmore and Wood, 2012 / Hudbay **<https://csegrecorder.com/articles/view/geophysical-exploration-beneath-the-phanerozoic-cover-of-the-flin-flon>

ESPIGÃO PROJECT

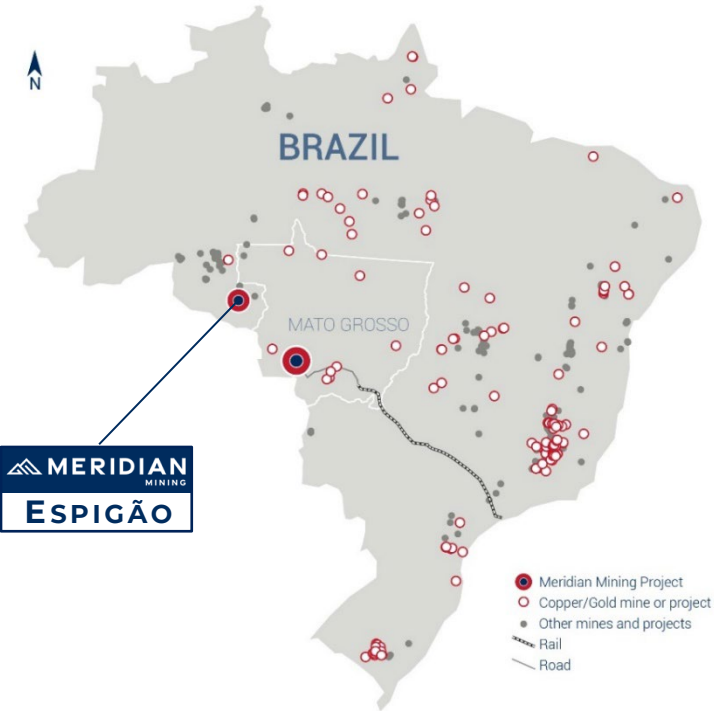
Iron Oxide-Copper-Gold (“IOCG”) type deposits host the giant Cu-Au mines of Brazil and some of the biggest Cu-Au mines internationally e.g. Salobo & Olympic Dam

Espigão hosts the prospective geochemistry comparable to large-scale IOCG type deposits

First gravity survey 2km centered stations and testing for scale – more results pending



	Magnetic Anomaly Amplitude	Magnetic Anomaly Amplitude	Gravity Anomaly Amplitude	Gravity Anomaly Amplitude
Units	nT	km	Mgal	Km
Espigão Project	500	Open	15	Open
Deposit				
Olympic Dam	1,400	8 km across	17	8 km across
Wirrda Well	1,800	6 * 9 km	6	6 * 9 km
Carapateena	200-300	1.5 * 1.0 km	2 - 2.5	2 * 2 km
Prominent Hill	7,000	0.7 * 0.5 km	5	2.5 * 1 km
Ernest Henry	7,000 – 10,000	1.2 * 0.7 km	2 - 3	1.2 * 0.7 km
Eloise	1,100	0.75 * 0.25 km	1.0	1.0 * 0.5 km



1 See News Release 5th May 2022
2 Table 1 International IOCG and associated



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Gilbert Clark

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