



CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS



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The Cabaçal Gold-Copper Project NI 43-101 Technical Report and Preliminary Economic Assessment, Mato Grosso, Brazil, and dated March 30, 2023 (with an effective date of March 1, 2023) (the "2023 Cabaçal PEA") was prepared for the Meridian by Tommaso Roberto Raponi, P. Eng., of Ausenco Engineering Canada Inc., Scott Elfen, P. Eng., of Ausenco Engineering Canada Inc., Simon Tear, P. Geo., of H&S Consultants Pty Ltd, Marcelo Batelochi, MAuslMM (CP Geo), of MB Geologia Ltda. Joseph Keane, P. Eng., of SGS North America Inc. and Guilherme Gomides Ferreira (Mine Engineer MAIG), of GE21 Consultoria Mineral. All authors of the 2023 Cabaçal PEA are independent "qualified persons" as defined by NI 43-101. The 2023 Cabaçal PEA may be found on the Company's website at www.meridianmining.co or under the Company's profile on SEDAR at www.sedar.com Readers are encouraged to read the entire 2023 Cabaçal PEA.

Readers are cautioned that the 2023 Cabaçal PEA is preliminary in nature and is intended to provide an initial assessment of the Cabaçal's economic potential and development options. The 2023 Cabaçal PEA mine schedule and economic assessment includes numerous assumptions and is based on inferred mineral resources. Inferred resources are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the 2023 Cabaçal PEA results will be realized. Mineral resources are not mineral reserves and do not have demonstrated economic viability. Additional exploration will be required to potentially upgrade the classification of the inferred mineral resources to be considered in future advanced studies.

Mr. Erich Marques, B.Sc., MAIG, Chief Geologist of Meridian Mining and a Qualified Person as defined by National Instrument 43-101, has reviewed, and verified the technical information in this news release.



MERIDIAN'S PORTFOLIO OF COPPER / GOLD ASSETS

















CABAÇAL

Preliminary Economic Assessment:

- NPV₅ USD 573 M & IRR 58.4%
- Capex USD 180 M
- Payback 10.6 months
- Base Case After Tax Au \$1,650/oz, Cu \$3.59/lbs

PEA superior economics, driven by:

- High-grade starter pit & low Strip Ratio
- Simple processing & high metallurgical recoveries
- Sustainable low-cost hydroelectric power
- Brazil's low-cost operating environment

Preparation for next phase of permitting, engineering, and economic studies

SANTA HELENA & 50KM VMS BELT

Low risk resource delimitation and potential for exploration upside

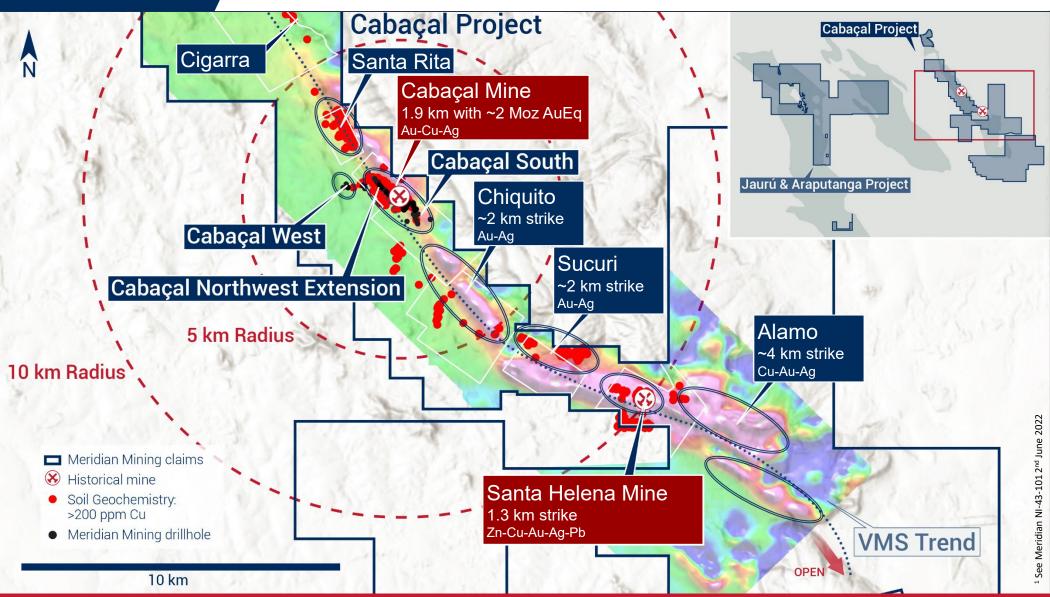
ESPIGÃO

Large IOCG exploration target Strategic Review underway



SYSTEMATICALLY UNLOCKING 50KM BELT SCALE POTENTIAL







PEA demonstrates an exceptional potential open-pit mining operation

| | | Copper Price | | | | | | | | | | | | |
|------|--------|--------------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|
| | | | Dow | nside | Ва | se | | | Sp | oot | | | Ups | side |
| | | 3.50 | | 3. | 59 | 4.0 | 00 | 4. | 13 | 4. | 50 | 5.0 | 00 | |
| | | | NPV | IRR |
| | | 1,550 | \$510 m | 53.5% | \$523 m | 54.2% | \$582 m | 57.0% | \$600 m | 57.9% | \$654 m | 60.3% | \$726 m | 63.5% |
| rice | Base | 1,650 | \$560 m | 57.8% | \$573 m | 58.4% | \$632 m | 61.1% | \$650 m | 62.0% | \$704 m | 64.4% | \$776 m | 67.4% |
| Pri | | 1,750 | \$609 m | 62.0% | \$622 m | 62.6% | \$681 m | 65.2% | \$700 m | 66.0% | \$753 m | 68.3% | \$825 m | 71.3% |
| Gold | Spot | 1,841 | \$655 m | 65.7% | \$668 m | 66.3% | \$727 m | 68.9% | \$745 m | 69.7% | \$799 m | 71.9% | \$871 m | 74.8% |
| ၂ ၓ | | 1,850 | \$659 m | 66.1% | \$672 m | 66.7% | \$731 m | 69.2% | \$750 m | 70.0% | \$803 m | 72.2% | \$875 m | 75.1% |
| | Upside | 1,950 | \$709 m | 70.1% | \$722 m | 70.7% | \$781 m | 73.1% | \$799 m | 73.9% | \$853 m | 76.0% | \$925 m | 78.9% |

BASE CASE AFTER TAX NPV₅- Au \$1,650 / Cu \$3.59 / Ag \$21.35

USD 180 M

Low Initial Capex

10.6 months
Payback After-Tax

2.5 Mtpa
Throughput Rate

USD 108 M LOM Sustaining Capex

> USD 2.9 Bn LOM Revenue

131 koz AuEq Ave. Y1-5 Production USD 671 / oz AISC (Y1-5)

3.2 X NPV₅ to Capex Ratio

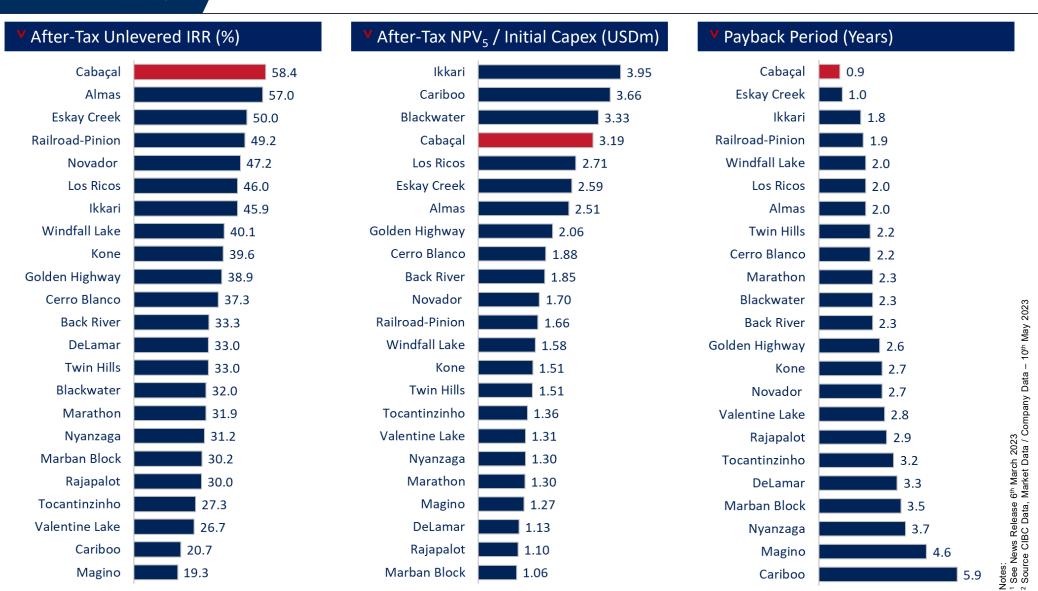
1.8 Moz AuEq
Total Production

1 See News Release 6th Marg

MERIDIAN

CABAÇAL VS RECENT GOLD PROJECT ECONOMIC STUDIES^{1,2}

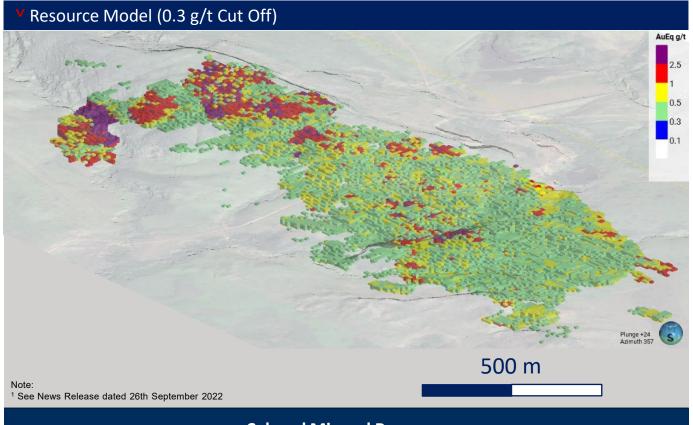




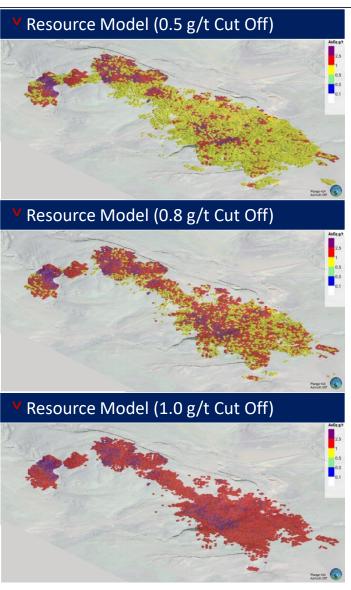


RESOURCE - BLOCK MODEL





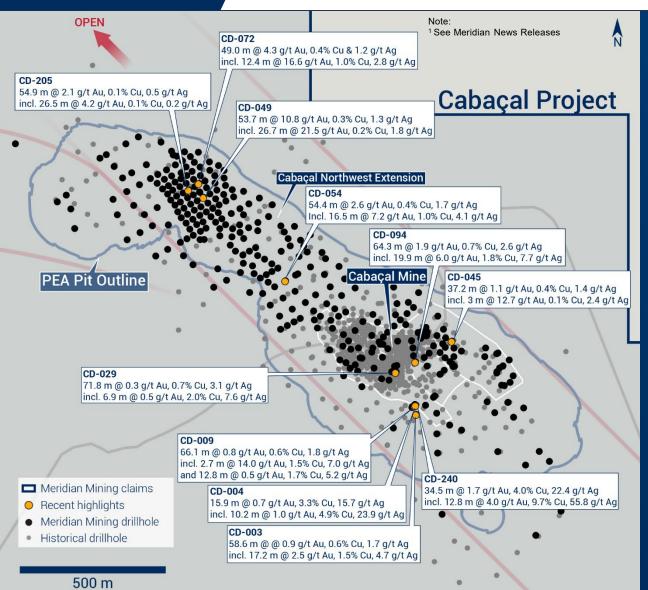
| Cabaçal Mineral Resource | | | | | | | | | |
|--------------------------|------|--------|------|--------|-------------|------------|-------|------------|--------------|
| Category | Mt | Au g/t | Cu % | Ag g/t | AuEq g/t | Au Mozs | Cu Kt | Ag Mozs | AuEq Mozs |
| Indicated | 52.9 | 0.64 | 0.32 | 1.4 | 1.05 | 1.1 | 168 | 2.4 | 1.8 |
| Inferred | 10.3 | 0.68 | 0.24 | 1.1 | 0.96 | 0.2 | 24.5 | 0.4 | 0.3 |





CABAÇAL MINE HIGHER-GRADE ZONES DRIVE ECONOMICS





1st Year Mining in the Starter Pits delivering:

- Higher grade mill feed
- Year 1 production +200 koz
- Free cashflow USD 204M
- Exceptionally low strip ratio

Cabaçal near mine upside potential:

- 3 rigs drilling Cabacal's upside
- Further defining high-grade structures
- Testing up-dip potential

PROCESS FLOWSHEET



Simple process flowsheet with high recoveries

Crush

Jaw

Crusher



Course

~200 microns



Knelson

Concentrator



Scavenger

Re-grind



Pyrite Flotation Sulphur

Removal



Tailings

Dry Stack

Tailings

Au

Dore

~30% Gold via Gravity

Cu/Au/Ag Conc.

~28.4% Clean Copper Concentrate

ate

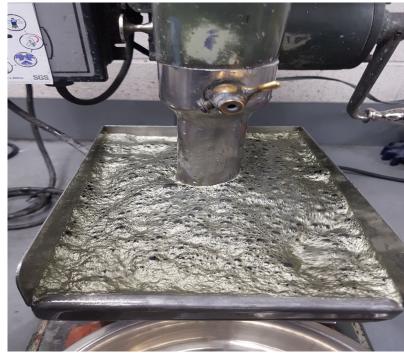




Total Recoveries

Copper 92.4%

Gold 89.7%



Notes: See News Release 6th March 2023



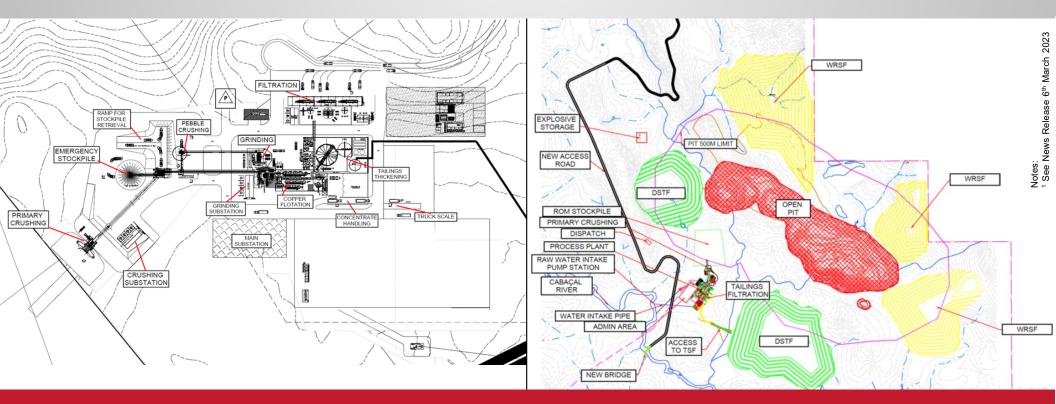


Open Pit ~2,000m x 500m

Optimized mine site design to minimize transport distances

Plant site design flexible for expansion opportunities

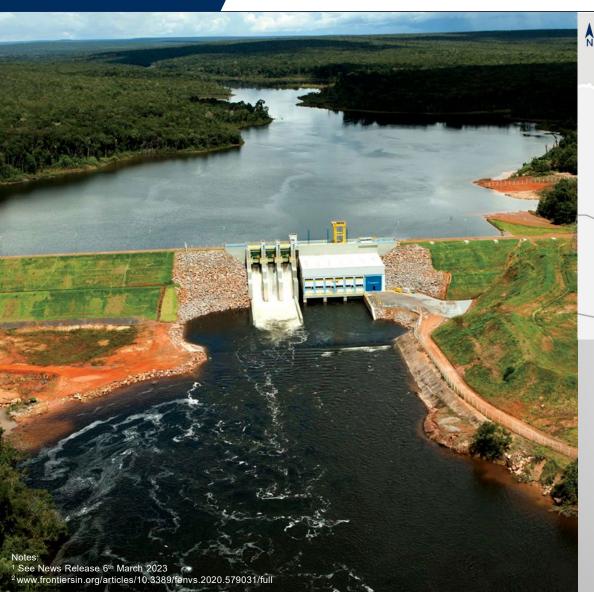
Potential to minimize cost by using depleted open pit for waste storage





LEADING WITH SUSTAINABLE POWER SOURCES







PEA assumes USD 0.075 / kWh power cost with significant potential for optimization

Regional Hydroelectric Generation ~375 MW in 10 Facilities

On-going run-of-river and solar power evaluation



Key areas for near-term upside opportunities and optimization

PEA & Resource Update

Application - Preliminary License

Incorporate Santa Helena

Potential for high-grade feed

Evaluating potential increase

Throughput rate ~3.5 - 4.5 mtpa

Mine corridor exploration upside

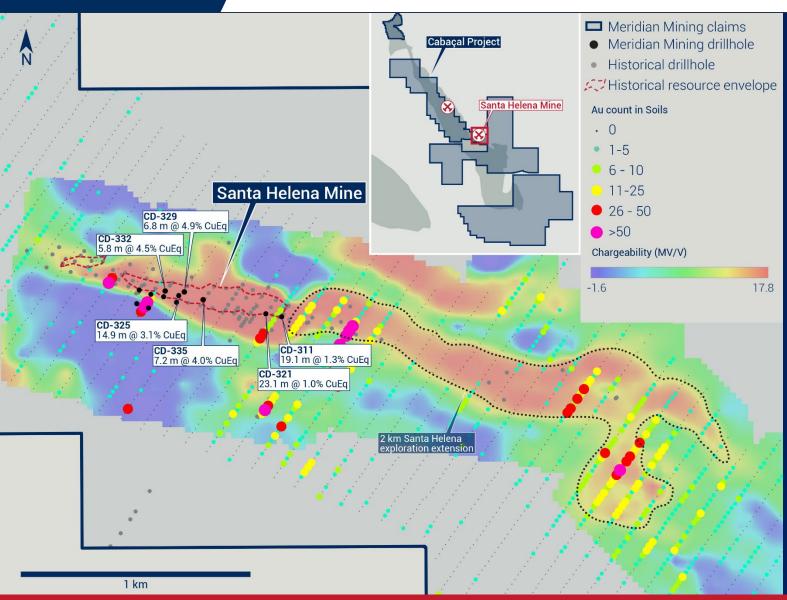
Sucuri & Alamo Cu/Au targets

Notes: 1 See News Polease 6th March 200



SANTA HELENA FIRST RESULTS AND 1.1KM EXTENSION





Initial Santa Helena drill program commenced

High-grade Cu-Au-Ag-Zn massive sulphide intercepted

Multiple new EM plates extending out from Santa Helena Mine

Untested targets for further Cu-Zn-Au-Ag zones

1.1km open exploration target extending to the East

MILESTONES AND CATALYSTS POST PEA





2023

2024



Initial NI 43-101 resource



Defines ~2m oz AuEq in pit



Confirms high-grade starter zone



Top tier metallurgical results



New Gold-Silver Discovery Zone



PEA (Released)



Cabaçal infill drilling for higher grades



Testing near mine open zones



Test Multiple Resource Development Targets



Updated Resource & PEA



Application for Preliminary License



Completion of Feasibility Study



Santa Helena First Resource



Further Validation of Exploration Upside



Achieving Social Engagement Goals

De-risking, expanding, and driving project value



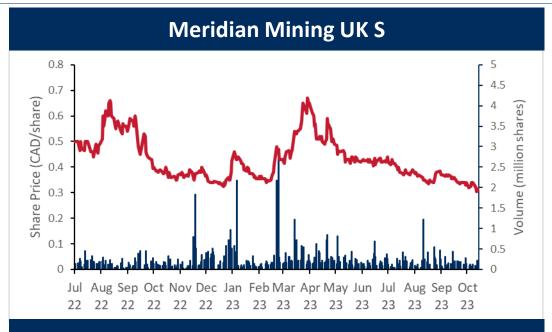
CORPORATE INFORMATION - MERIDIAN MINING UK S



| Corporate Structure ¹ | | | | |
|----------------------------------|-------------------------------|--|--|--|
| Shares Outstanding | 242.6 m | | | |
| Compensation Warrants | 2.2 m (CAD 0.35-0.50) | | | |
| Options | 15.1 m (CAD 0.07-1.10) | | | |
| Fully Diluted | 259.9 m | | | |
| Share Price | CAD 0.33 (27 Oct 2023) | | | |
| Market Capitalization | CAD 77.6 m | | | |
| Cash ² | CAD 18.8 m | | | |

| Analyst Coverage | | | | | |
|--------------------|----------------|--|--|--|--|
| Beacon Securities | Mike Curran | | | | |
| Cormark Securities | Stefan Ioannou | | | | |
| Raymond James | Craig Stanley | | | | |

Notes: ¹ Corporate Structure as of 15th August 2023 unless otherwise stated. ² Cash Balance as of 30th June 2023 & includes ~USD 1.0m in Escrow per purchase agreement. 31st March 2023 – Financial Reports Cash Balance & Exchange Rate 1.324 (Source - Bank of Canada)



Directors & Management

Bruce McLeod
Gilbert Clark
Adrian McArthur
John Skinner
Susanne Sesselmann
Doug Ford
Neil Gregson

Martin McFarlane
Soraia Morais
James McLucas
Mariana Bermudez
Vitor Belo
Joel Brandao
Erich Marques
Fred Vanderoost



MERIDIAN LEADERSHIP



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



ADRIAN MCARTHUR

DOUG FORD Independent Director +35 years experience



NEIL GREGSON Independent Director +30 years experience

Our Management



GILBERT CLARK CFO & Director +25 years experience



President & Director +25 years experience



+30 years experience **MARIANA BERMUDEZ**



SORAIA MORAIS Chief Financial Officer +15 years experience



JAMES MCLUCAS Corp. Development +15 years experience



Company Secretary +15 years experience



MARTIN MCFARLANE

KATHERINE MACLEAN Sustainability & Comms +15 years experience

Our Brazilian Based Management



JOEL BRANDAO Director of Brazil +40 years experience



VITOR BELO Mining Consultant +30 years experience



ERICH MARQUES Chief Geologist +15 years experience



FRED VANDEROOST Geology Manager +25 years experience



ANTONIO ALMEIDA Senior geologist +40 years experience



MARCELO AMORIM Project Dev. Manager +15 years experience



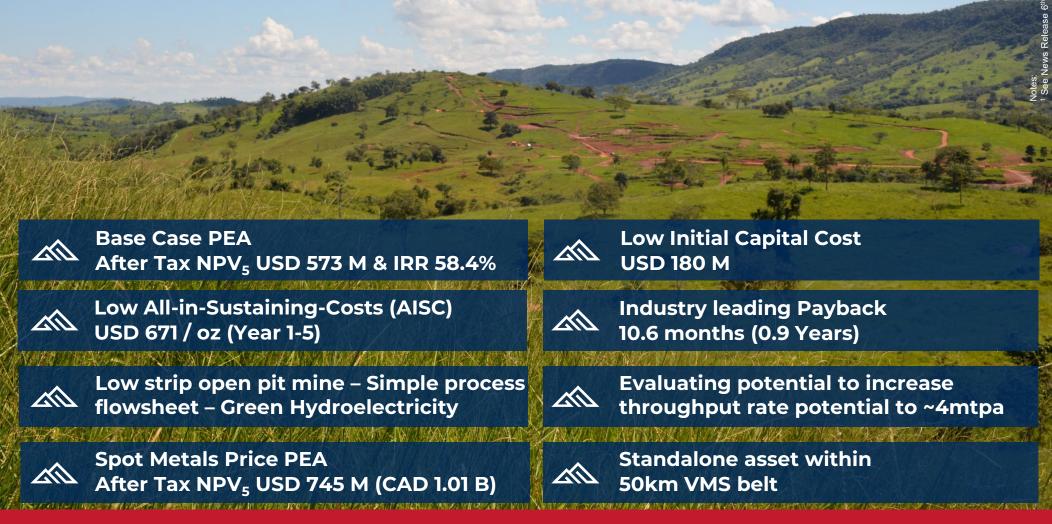
BARBARA SOUZA Enviro. Engineer +10 years experience



RODRIGO SALVI Inhouse Counsel +10 years experience



Developing the Cabaçal Au-Cu mine & exploring the belt







TSX: MNO / OTCQX: MRRDF / Frankfurt: 2MM

MERIDIAN ADVISORY BOARD



Cabaçal History BP Minerals

Discovery 1980-1984 **Development**

1984-1986

Production

1986-1991



AFONSO FIGUEIREDO Geologist + 50 years experience



ROCKY OSBORNE Geologist + 40 years experience



GILSON TEIXEIRA Geologist + 40 years experience





Industry leading expertise in metallurgy and base metals concentrates

PHILLIP



MACKEY Metallurgist + 50 years experience MIKE OUNPUU **Geological Engineer** + 40 years experience



noranda





Capital Markets Expertise

Rio Tinto

Acquisition



TOMMY HUMPHREYS Capital Markets + 15 years experience

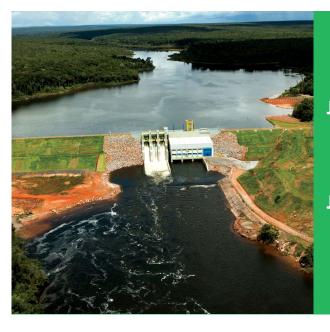


Source: ¹ www.quebecengenharia.com.br/complexo-juruena ² www.frontiersin.org/articles/10.3389/fenvs.2020.579031/full

CLEAN INDUSTRIAL RENEWABLE ENERGY







Regional Hydroelectric Generation^{1,2}

Jaurú Cascade

235.9 MW

(6 Facilities)

Juba Cascade

139.4 MW

(4 Facilities)

Governing ESG Philosophies













STRUCTURED PURCHASE AGREEMENT TO ACQUIRE A 100% BENEFICIAL INTEREST¹



Protects Meridian Shareholders Equity and provides Vendors an Interest Going Forward

| Payments | Payment Schedule (Months) | Requirements | Vendor Payment (USD) | Vendor Payment (Shares) | Comments | Status |
|----------|------------------------------|--|-------------------------|----------------------------|---|----------------------|
| 1 | On signing | MNO will have exclusivity during the Due Diligence period | 25,000 | _ | Payment due 5 business days from signing; permits a 90-day Due Diligence period | Complete |
| 2 | 4 | Positive Due Diligence; Filing of Title Transfer | 275,000 | - | Second instalments is payable up to 30 days from Positive Due Diligence and filing of Assignment Requests at ANM | Paid |
| 3 | 16 | 1st phase drilling program, subject to statutory approvals & access agreements, with independent QP review | 1,750,000 | _ | Verification and extensional drilling; DDH & geophysics database validation. Third Instalment is 12 months from Second Instalment | Payment Escrowed |
| 4 | 22 | Completion of NI 43-101 resource estimation | _ | 1,000,000* | * or option for CAD 300,000 | Share held in Escrow |
| 5 | 31 | Positive Feasibility Study concluded | 1,850,000 | 1,500,000* | * or option for CAD 450,000 | |
| 6 | est. 41 | Installation Permits (LI) granted by Mato Grosso State | 2,250,000 | 2,000,000* | * or option for CAD 600,000 | |
| 7 | | Cabaçal mine construction finance has been secured | 2,600,000 | - | Seventh instalment is payable 45 days after signing of Binding Project Finance documents | |
| | | Total Financial Consideration (USD) | 8,750,000 | 4,500,000 | * Option for cash or shares at vendor's discretion | |

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



PRODUCTION METRICS



| Item | | | |
|---|-----------------------------|-----------|---------|
| Plant Feed Mined | Mt | 55.6 | |
| Waste Mined | Mt | 118.1 | |
| Total Mined | Mt | 173.7 | |
| Mill Throughput | Mt/annum | 2.5 | |
| Total gold production | ounces | 1,021,320 | |
| Total copper production | tonnes | 159,926 | |
| Total silver production | ounces | 1,758,923 | |
| Item | | | |
| Milled tonnes | Mt | 55.6 | |
| Mill throughput | Mt/ annum | 2.5 | |
| Strip Ratio | Waste: Mineralized Material | 2.1 | |
| Average metallurgical recovery - Gold | % | 89.7% | |
| Average metallurgical recovery - Copper | % | 92.4% | |
| Average metallurgical recovery - Silver | % | 75.2% | |
| Item | | Year 1-5 | LOM |
| Average annual gold production (AuEq) | 000 Ounces | 131.1 | 81.2 |
| Recovered Gold (AuEq) | 000 Ounces | 655.3 | 1,811.2 |
| Total Cash Cost | USD/oz | 644.3 | 804.4 |
| Sustaining capital | USD/oz | 26.4 | 61.8 |
| All in Sustaining Costs ("AISC") | USD/oz | 670.7 | 864.2 |

Notes:

¹ See News Release 6th March 2023



CAPITAL & OPERATING COST BREAKDOWN



| Cabaçal Initial Capital Costs | | | | | |
|-------------------------------|--------|--|--|--|--|
| Item | US\$mm | | | | |
| Equipment & Packages | 39.93 | | | | |
| Materials | 9.67 | | | | |
| Construction And Erection | 36.51 | | | | |
| Others | 32.14 | | | | |
| Indirects Costs | 31.43 | | | | |
| Contingency | 29.94 | | | | |
| Total Initial Capital | 179.62 | | | | |

| Cabaçal Sustaining Capital Costs | | | | | |
|----------------------------------|--------|--|--|--|--|
| Item | US\$mm | | | | |
| Process | 30.53 | | | | |
| Tailings | 47.73 | | | | |
| Indirect Costs | 7.83 | | | | |
| Owner Costs | 3.91 | | | | |
| Contingency | 18.00 | | | | |
| Total Sustaining Capital | 108.00 | | | | |

| Cabaçal Operating Costs Breakdown | | | | | | |
|-----------------------------------|--------------|--------|--|--|--|--|
| Item | USD/t milled | USD/oz | | | | |
| Mining Costs | 9.31 | 296.43 | | | | |
| Labor | 1.63 | 51.78 | | | | |
| Power | 2.07 | 65.80 | | | | |
| Reagents & Consumables | 2.61 | 82.96 | | | | |
| Maintainence | 0.97 | 30.72 | | | | |
| Water/sewage | 0.00 | 0.07 | | | | |
| Access maintainance | 0.06 | 1.96 | | | | |
| Laboritory | 0.38 | 12.13 | | | | |
| Dry stack | 2.12 | 67.33 | | | | |
| G&A | 2.11 | 67.06 | | | | |
| Total Operating Costs | 21.25 | 676.25 | | | | |

Notes:

¹ See News Release 6th March 2023



PROJECT ECONOMICS



| Item | Base | Case | Spot Case | | | | |
|--------------------------------|-------------|------------------|-----------|------------------|-------------|--|-----|
| Life of mine | Years | 22 | 22.3 | | 3 | | |
| NPV(5%) | USD million | 57 | 572.5 | | 572.5 745.2 | | 5.2 |
| IRR | % | 58.4% | | 69.7% | | | |
| Payback | Days | 321 | | 279 | | | |
| Initial Capital Expenditure | USD million | 180 | | 180 | | | |
| Sustaining Capital Expenditure | USD million | 10 | 108 | |)8 | | |
| Item | | Average Year 1-5 | Total LOM | Average Year 1-5 | Total LOM | | |
| Revenue | USDmillion | 208.6 | 2,882.1 | 234.9 | 3,254.1 | | |
| Operating Costs | USDmillion | 67.7 | 1,181.2 | 67.7 | 1,181.2 | | |
| Free cash (after Tax) | USDmillion | 107.3 | 939.8 | 128.7 | 1,216.4 | | |

| Item | | Base Case | Spot Case |
|---------------------|---------|-----------|-----------|
| Gold Price | USD/oz | 1,650 | 1,841 |
| Copper Price | USD/lb | 3.59 | 4.13 |
| Silver Price | USD/oz | 21.35 | 21.35 |
| Exchange Rate | BRL:USD | 5 | 5.3 |
| Corporate Tax Rate | % | 2 | 5% |
| Social tax | % | g | 9% |
| SUDAM Tax Reduction | % | 7 | 5% |
| SUDAM Rax Reduction | Years | 10 | 0.00 |
| Gold Royalty Rate | % | 1. | 5% |
| Copper Royalty Rate | % | 2. | 0% |
| Silver Royalty Rate | % | 2. | 0% |

Votes:

¹ See News Release 6th March 2023

TOP TIER METALLURGICAL RECOVERIES



+94% Copper Recoveries

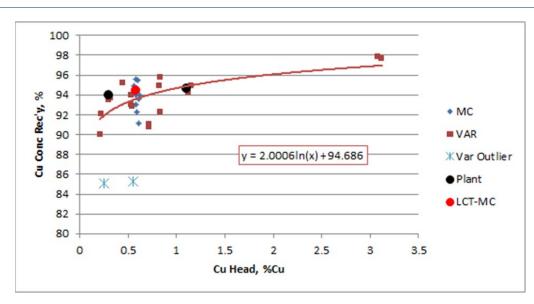
Copper Recovery

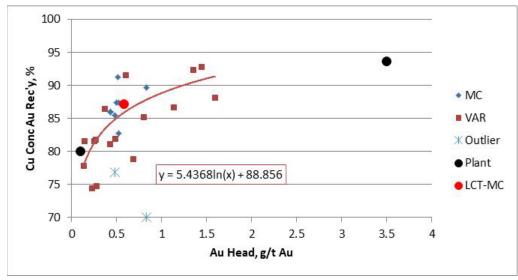
- △ Copper recovery exceeds 90% from 0.1% to >3% Cu head grade
- While copper recovery declines with head grade the slope is very moderate
- Consideration will therefore be given to the viability of processing lower grade mineralization
- Historic plant data fits the trend

+87% Gold Recoveries

Gold Recoveries

- Gold recovery increases with head grade with recoveries of 85% for gold head grade of 0.5g/t
- ▲ Historic plant feeds of >3g/t yield recoveries close to 95%



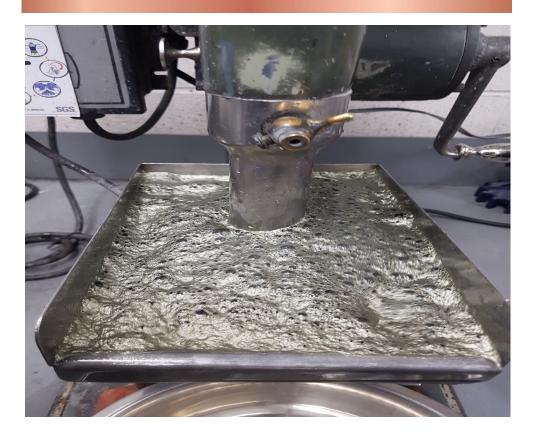


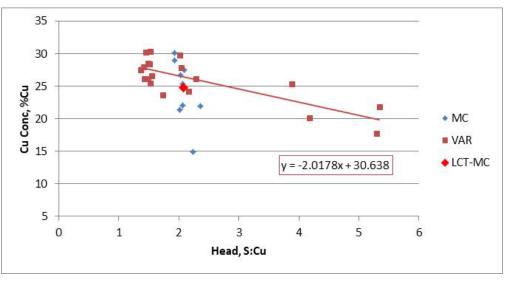
Note: 1 See News Release

CABAÇAL CONCENTRATE TESTWORK



25-29% Copper Concentrate





High-grade Copper Concentrate

- Copper concentrate grade correlates well to Sulphur : Copper feed grade ratio
- Concentrate grades varied up to 30% Cu with average mineralization expected to yield 25 − 29% Cu concentrate grade
- Copper concentrate grades can be managed to requirements with modest impact to recovery

Next Steps

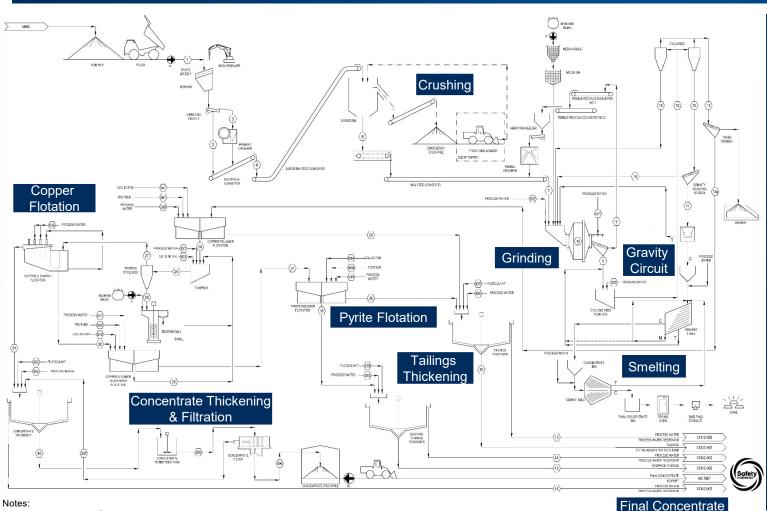
- On-going test work for high-grade course gold zones recovery
- Representative concentrate samples to be made available for smelter performance analysis

Note: 1 See News Release





Simple process flowsheet with high recoveries



Jaw Crusher

Primary Grind ~200 microns

Gravity Circuit
- 30% Au

First Cu Flotation
Re-Grind
~40 microns

Cleaner Circuit total recovery up to ~ 90% Au & ~ +93% Cu

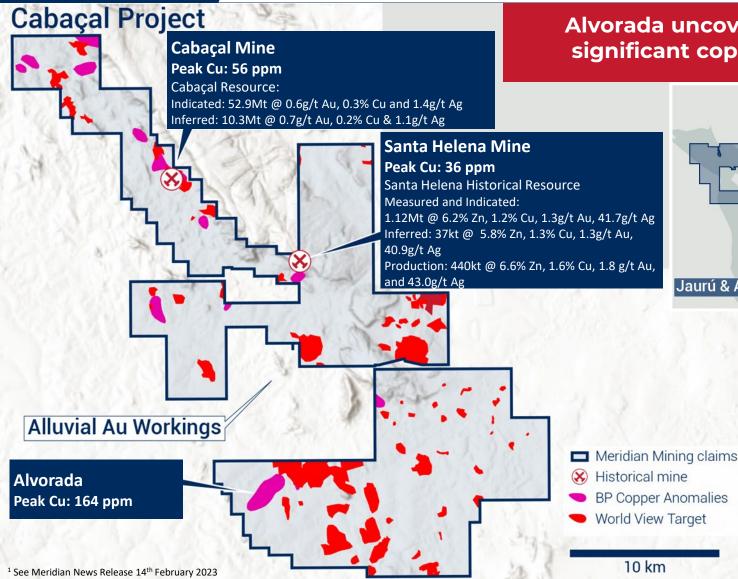
Cu Concentrate Grade 28.4%

Mill Tailings
Non-Acid Generating

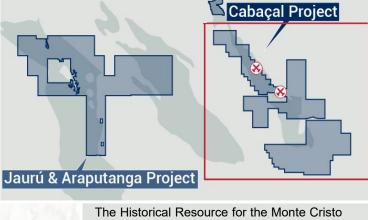


EXPANDING THE COPPER POTENTIAL FROM ARCHIVES





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

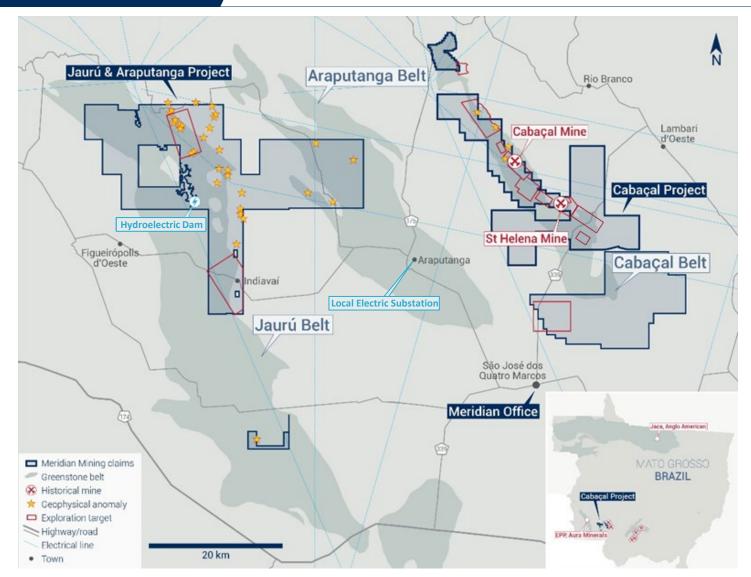


(Santa Helena) Zn Deposit was published by SRK a report dated 30 May 2007 (Michael et al, 2007). The estimation procedure consisted of using three iterations of the inverse distance squared method on composited drillhole data using progressively longer search ranges. A Zn Equivalent % calculation was applied for reporting the estimates (ZnEg % = Zn% + (2.14 * Cu%) + (0.39 * Au ppm)+ (0.007* Ag ppm); Metallurgical Recovery = 89% Zn, 89% Cu, 65% Au, 61% Ag; Au price USD 570 / oz; Ag price USD 11 / oz, Cu price USD 3.36/ lb; Zn price = 1.57 / lb) The Mineral Resource was reported in accordance with NI-43-101 rules, but has not been updated to account for final mining depletion and is therefore not considered a current Mineral Resource by MNO.



REGIONAL EXPLORATION TARGETS¹





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



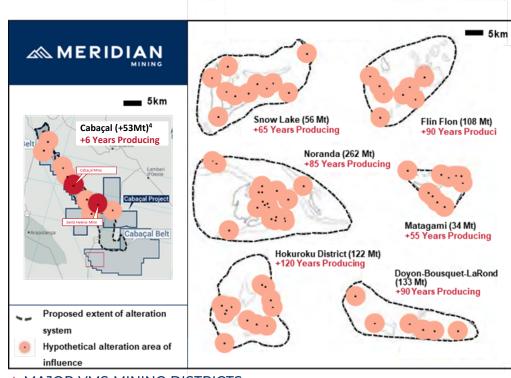
Potential Upside of Cabaçal to Global VMS deposits



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



MAJOR VMS MINING DISTRICTS

"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

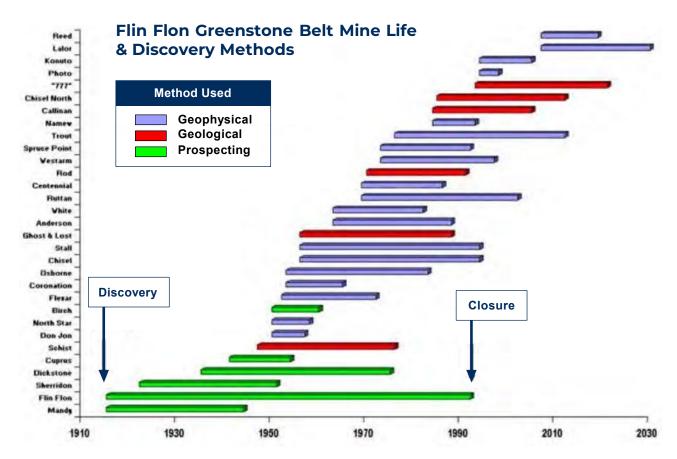
Notes:

- 1 Source: Akita University, Galley et al. (2007); Mercier-Langevin et al. (2007) S1P Global, Hudbay 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
- 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-exploran-beneath-the-phanerozoic-cover-of-the-flin-flon



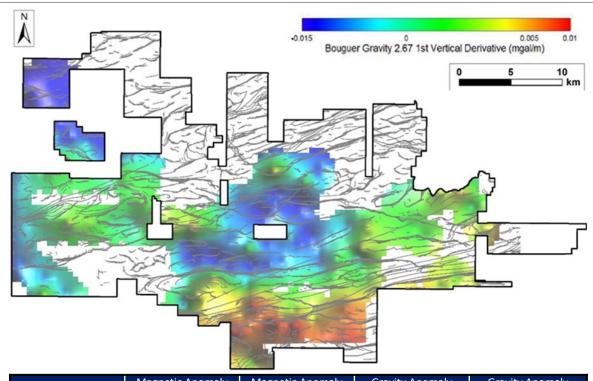
ESPIGÃO IOCG TARGET



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 and 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 | | km | Mgal | Km |
| Espigão Project | Pending | 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 |

