Realizing the Potential of a Highly Prospective Gold District in Southern Brazil





Investor Presentation | September 2025
TSX-V: LGC OTC: LGCFF



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QUALIFIED PERSONS

Under Canadian National Instrument 43-101, Michael C. Durose, M. Sc., P. Geo. is the Qualified Person for Lavras Gold Corp. As such, Mr. Durose has reviewed and approved the technical content contained herein.



Focusing on value per share



Our goal:

 Demonstrate the potential for an economically feasible gold mine at the LDS Project

A simple strategy:

Explore

- Expand the existing gold resource*
- Discover new gold deposits 24 targets

Demonstrate Path to Production

 De-risk on the environmental & permitting fronts with pre-dev technical studies, land acquisition, etc.

Leverage other assets

 Leverage the revenue-based gold royalty on a large portfolio of exploration concessions surrounding the Mara Rosa Mine





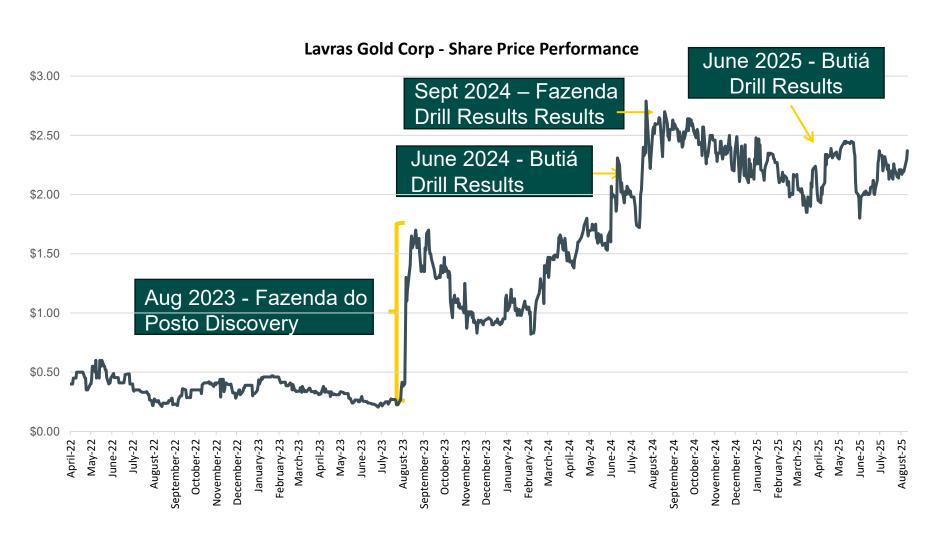
50 50 2024 VENTURE 2025

* Butiá: M&I =377,000 ozs, Inf = 115,000 ozs Cerrito: Ind = 188,000 ozs, Inf = 293,000 ozs (see Appendix for resource tables)



TSX-V: LGC – Growth in Value Following Key Discovery





- Major discovery at Fazenda do Posto positions Lavras for a financing
- Private Placement raising C\$13.7 million at \$1.35 in late September 2023, new high profile individual mining investors, Kinross takes 5% equity
- February 2025
 Financing raising C\$15
 million at \$2.20, several new institutions



Tight Capital Structure with **Strong Shareholder Support**

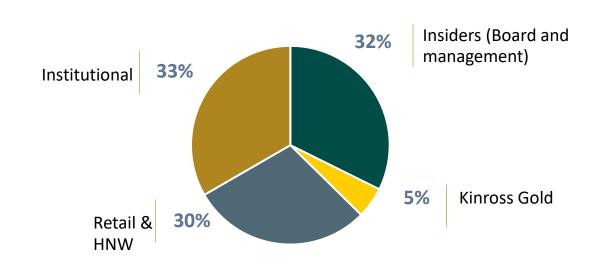


TSX-V LGC

Share price (Sept 5, 2025)	C\$2.42
Shares outstanding	58,328,759
Options outstanding	5,741,750
Deferred Stock Units (DSU)	189,362
Market Capitalization	C\$141 million
Cash (@ June 30, 2025)	C\$10.4 million



- **Tight** capital structure
- **+24** mineralized targets
- Area of excellent infrastructure





Leadership TeamGrounded in the Mineral Resource Sector



MICHAEL DUROSE

Director, President, and CEO

- Professional Geologist (P.Geo., Ontario); B.Sc. (honours) in mineral deposits from Carleton University (Ontario), M.Sc. in mineral economics from Queen's University (Ontario); Graduate Diploma in environmental engineering from McGill University (Quebec)
- Highly-ranked financial analyst with 25 years of experience in the capital markets; visited mining and exploration projects around the globe. Before joining capital markets, worked as an exploration geologist in Canada
- Founder and CEO, Durose Asset Management Inc.; previously held increasingly senior positions as a mining analyst at Scotia Capital Inc., Morgan Stanley, Bunting Warburg, and Nesbitt Burns
- Director of Amarillo Gold Corporation from 2009 to 2014

ROLLY ULOTH

Chairman

- President and co-founder, Rosedale Transport
- Chairman, Amarillo Gold Corporation (August 2017 to April 2022)
- Previously President and CEO, Wesdome Gold Mines (2007-2009, 2013-2016)

PAULO SERPA

Country Manager

- 35 years developing mines, including three years at Yamana Gold, country manager Amarillo Gold
- Extensive experience in governmental relations and permitting
- From Rio Grande do Sul
- BSc in mining engineering, MBA

HEMDAT SAWH

Chief Financial Officer

- Previously CFO at Amarillo Gold, Wesdome Gold Mines,
 Scorpio Mining, Crystallex, Goldbelt Resources
- 16 years at Grant Thornton LLP, culminating in "Principal Certified Professional Accountant" with MBA in accounting, BSc in geology, graduate diploma in geology

NAOMI NEMETH

Vice President, Investor Relations

- +25 years' investor relations experience
- Previous companies include HighGold Mining, Constantine Metals, Coro Mining, African Copper, Barrick Gold, Desert Sun Mining
- B.Sc., Geology, M.A. Journalism

BOARD OF DIRECTORS

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LAVRAS G > LD

The Town of Lavras Do Sul

LAVRAS G⊜LD



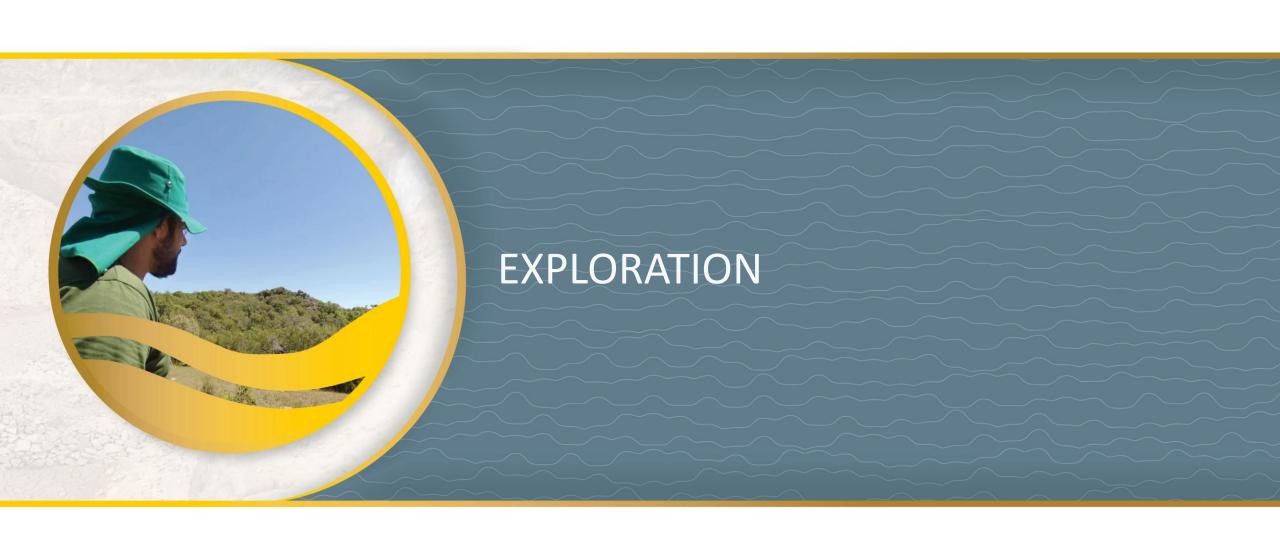








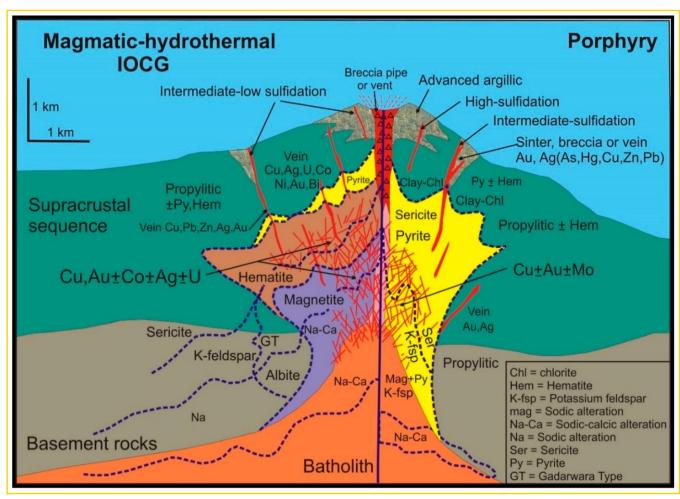






LDS is a **Unique System**: Remnants of a Volcanic Complex





Source: Spatial relationships for porphyry deposits after Seedorff et al. (2005), Sillitoe (2010), and Richards (2011); for MH-IOCG, after Hitzman et al. (1992), Williams et al. (2005), and Mumin et al. (2010).

Current thinking suggests that LDS is an intrusive hosted alkaline gold-copper system with epithermal and magmatic characteristics

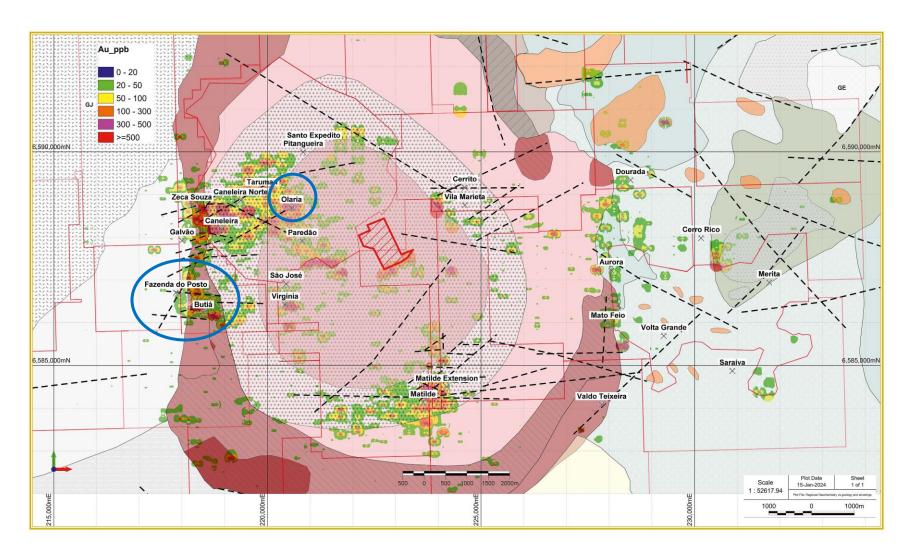
- First time modern exploration methods have been applied to consolidated land package
- Following up on encouraging historical exploration results and old surface diggings
- Other work includes aeromagnetic survey, rock geochemistry, ground geophysics, and trenching
- Building an extensive geological database





LDS – Many Gold Exploration Targets



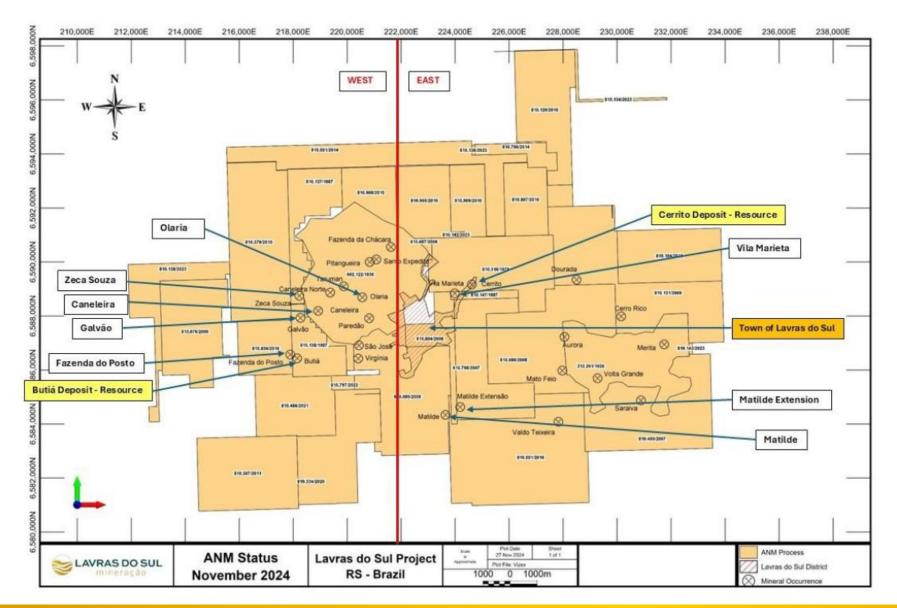


- Hundreds of old workings defined by old pits, adits, trenches date back to the late 1700s.
- At least 24 significant gold occurrence defined throughout LDS intrusive complex
- Three large kilometrescale gold in soil anomalies defined in the Western, Southern and Eastern parts of the property
- Current focus of drilling is Fazenda do Posto/Butiá and Olaria



Multiple Deposits & Discoveries within the Lavras Intrusive Complex – Large Mineral System, Complex Geology





- Consolidated land package with historical workings that date to the 1700s
- Mineral rights covering approximately 23,000 hectares
- Various styles of mineralization across the intrusive complex



* Butiá: M&I =377,000 ozs, Inf = 115,000 ozs, Cerrito: Ind = 188,000 ozs, Inf = 293,000 ozs (see Appendix for resource tables)



Matilde Ext.

Discovery

Multiple Deposits, Discoveries & Targets

= Geological Variability & Mining Flexibility



Target	Stage	Resource/Highlight			
WEST					
Butiá	Deposit	Resource*: M&I = 378,000 ozs, Inf = 115,000 ozs of gold, ongoing drilling			
Fazenda do Posto	Discovery	Discovery hole: 340 m of 1.1g/t gold from @117 m drillhole depth. Mineralization starts within 10m of surface. Most recent drill results: 251 m of 1.2 g/t gold			
Galvão	Discovery	10.0 m of 4.6 g/t gold from @532 m drillhole depth			
Caneleira	Discovery	36.1 m of 1.4 g/t gold from 70 m drillhole depth, 37.0 m of 1.17 g/t gold from surface			
Zeca Souza	Discovery	15.0 m of 5.8 g/t gold @103 m drillhole depth, 4.0m of 43.6 g/t gold @31 m drillhole depth, 3.0 m of 28.2 g./t gold @ 103 m drillhole depth			
Olaria	Discovery (3km north of Butiá)	Announced December 2024: 56 m of 1.0 g/t gold (Historic hole encountered 9 intervals of gold mineralization ranging from 1.00 m to 12.00 m with gold grades ranging from 0.4 g/t gold to 4.5 g/t gold)			
EAST					
Cerrito	Deposit	Resource*: Ind = 188,000 ozs, Inf = 293,000 ozs of gold			
Vila Marieta	Discovery	28.0 m of 1.3 g/t gold from surface			
Matilde	Discovery	0.7 g/t gold over 144.6 m from 117 m drillhole depth, including 27.0 m grading 1.04 g/t gold from 184 m drillhole depth			

10.0 m of 13.2 g/t gold, 22.9 g/t silver, & 0.22% copper from 345 m depth

- Formal Mineral Resources defined at Butiá & Cerrito
- +40,000 metres drilled by Lavras Gold, + 70,000 metres drilled by predecessor companies
- Geologic variability = multiple mineralizing events

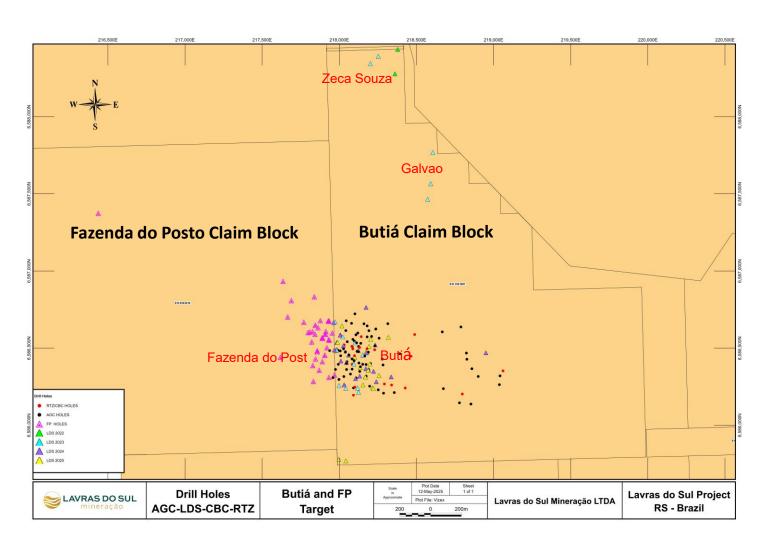
Significance:

- Grade variability leads to high potential for mining flexibility
- Higher grade material provides high value
- Lower grade material provides size and scale



Fazenda do Posto & Butiá Summary of Drilling Completed to Date





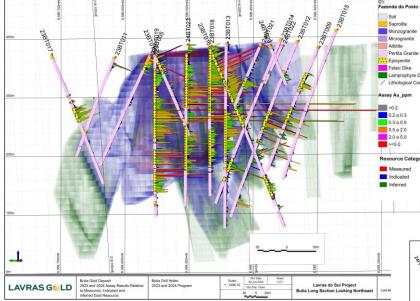
Combined drilling at Butia and Fazenda do Posto concessions totals **58,230** metres in **209** drill holes

- Butiá holes drilled before 2022
 - 78 holes totaling 20,200 metres
- Butiá holes drilled after 2022
 - 66 holes totaling 19,926 metres
- Historical holes drilled (CBC/RTZ)
 - 18 holes totaling 2,412 metres
- FP holes drilled since discovery in August 2023
 - 47 holes totaling 15,649 metres

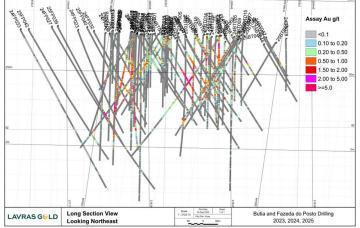


Butiá Drilling Improving Mineralized Footprint

Long-Section Looking Northeast – 2023 and 2024 Butiá Drillholes Relative to Resource Categories



Core of mineralization - 125 metre strike length to depth of 200 metres starting at surface.





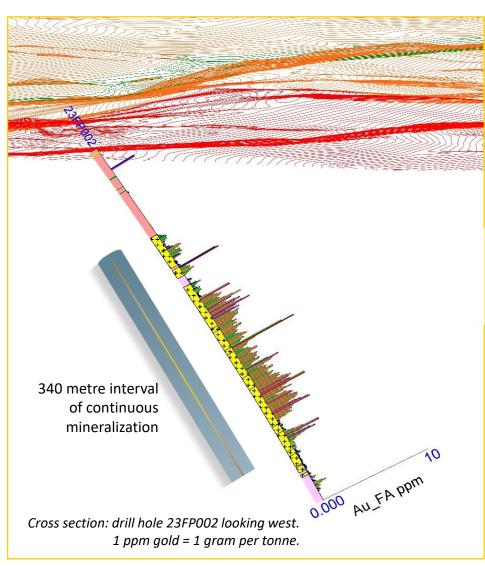
Highlights:

- 25BT062 228.0 metres grading 1.1 g/t gold from 115 metres, including:
 - 62.0 metres grading 3.2 g/t gold from 159.0 metres
- 23BT019 236.0 metres grading 1.4 g/t gold from surface, including:
 - 199.00 metres grading 1.6 g/t gold from 37.0 metres,
 - 0.7 metres grading 44.4 g/t gold from 83.3 metres (visible gold),
 - 1.0 metres grading 48.3 g/t gold from 94.0 metres (visible gold)
 - 20.0 metres grading 2.4 g/t gold from 195.0 metres
- 24BT023 228.0 metres grading 1.0 g/t gold from surface, including:
 - 100.0 metres grading 1.6 g/t gold from 35.0 metres, and including:
 - 60.0 metes grading 2.3 g/t gold from 72.0 metres, and including:
 - 5.0 metres grading 3.3 g/t gold from 72.0 metres

Fazenda do Posto: Blind Gold Discovery

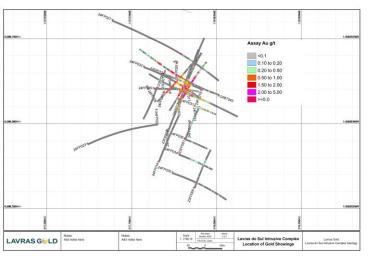


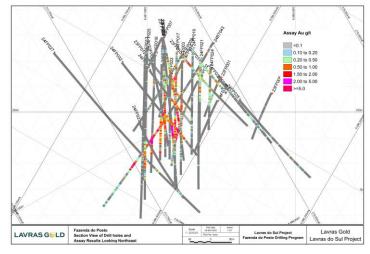
150 Metres to the West of Butiá



Discovery Hole, Scissor Hole, High-grade at Depth

- Discovery hole 23FP002 drilled 150 metres west of Butiá 340m grading 1.1 g/t gold, including 160 m of 1.8 g/t gold & other higher-grade intervals in episyenite
- Scissor hole 23FP006 204m grading 1.0 g/t gold from 31 m
- High-grade at depth 24BT043* 251m grading 1.2 g/t gold from 208m and including 100 metres grading 2.2 g/t gold confirms high-grade core
- Bulk tonnage, disseminated style of mineralization, open to expansion





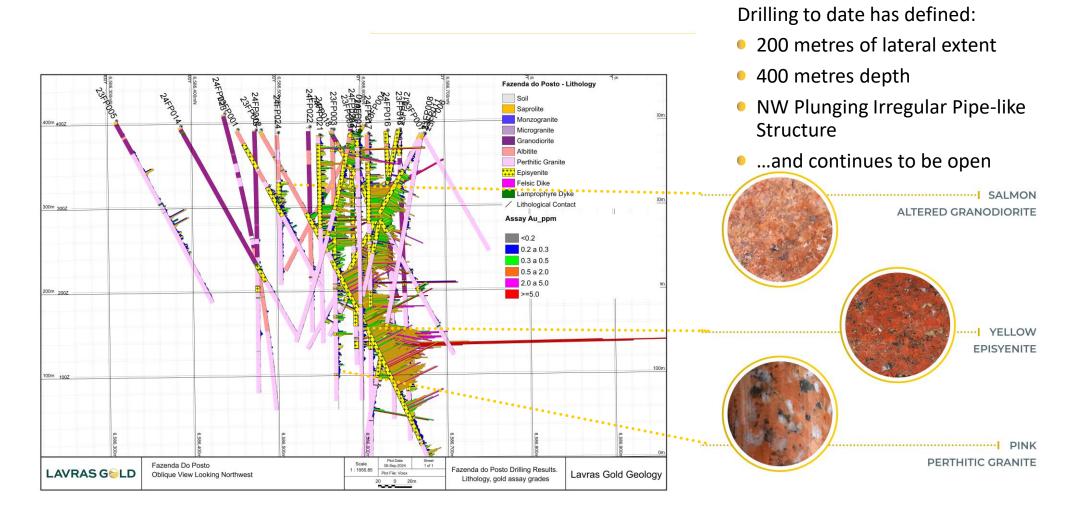
Plan View

Cross Section



Fazenda do Posto: Demonstrating long intervals of continuous mineralization & alteration



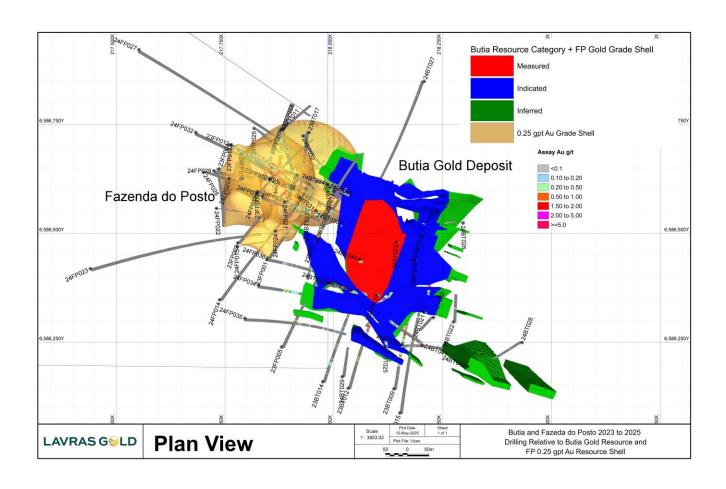


Cross section: Fazenda do Posto looking northwest.

Fazenda do Posto & Butiá



Plan View Butiá Gold MI&I Resource Shell and Fazenda do Posto – 0.25 g/t Au Cut Off Implicit Grade Shell



- Successfully expanding mineralized footprint at Butiá and increasing mineralized zone at Fazenda do Posto
- Mineralized footprint found over 700 metres northwest-southeast and up to 350 metres wide
- Butiá deposit & Fazenda do Posto discovery are open to expansion
- 2 drills testing for extensions



Fazenda do Posto and Butiá: Very Strong Metasomatic Process (Chemical Alteration Process)





Unaltered granodiorite
Original fresh
granodiorite with
micofracture showing
incipient metasomatism



Moderate to strongly altered granodiorite:
Salmon pink metasomatic alteration front altering original granodiorite.



Vuggy texture



Albitite - Original granodiorite completed altered by metasomatic processes resulting in volume loss



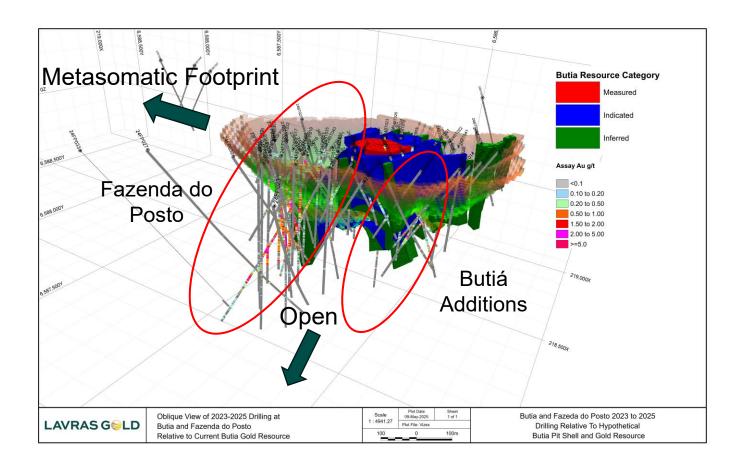
Perthitic Granite (alkali feldspar granite) forms when milky quartz precipitates in vugs. Chlorite, phengite, carbonate, sulphides, gold, REE replace milky quartz and forms episyenite



Butiá and Fazenda do Posto Drilling Expanding Gold Footprint



Oblique-Section Looking Northeast – 2023 to 2025 Butiá and FP Drillholes Relative to 2022 Butia Resource Categories



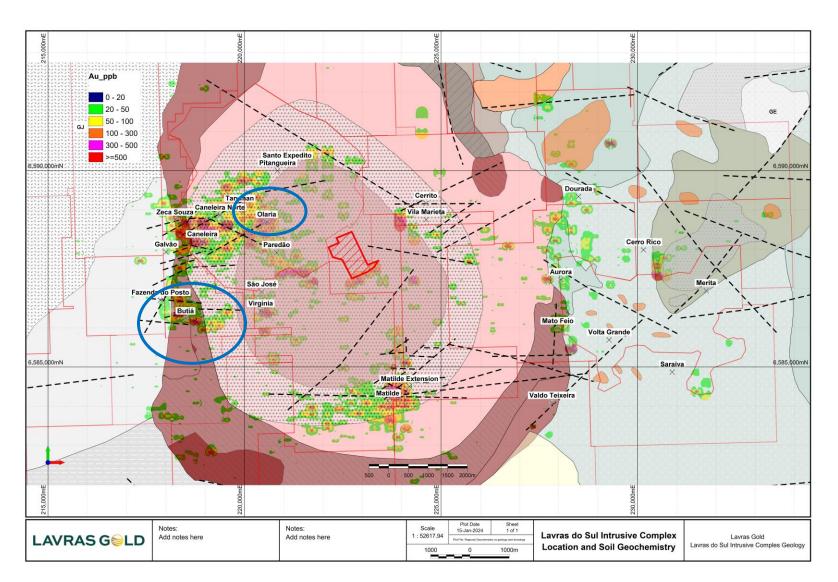
Highlights:

- Butiá Deposit- defined by 37,870 metres of drilling to date in 143 drill holes
- Converting Inferred Resources into Measured and Indicated and expanding mineralized footprint to the east, south and at depth
- Fazenda do Posto Discovery defined by 17,781 metres of drilling to date in 53 drill holes
- Mineralized footprint extended to the northwest and at depth
- Gold mineralization open to expansion



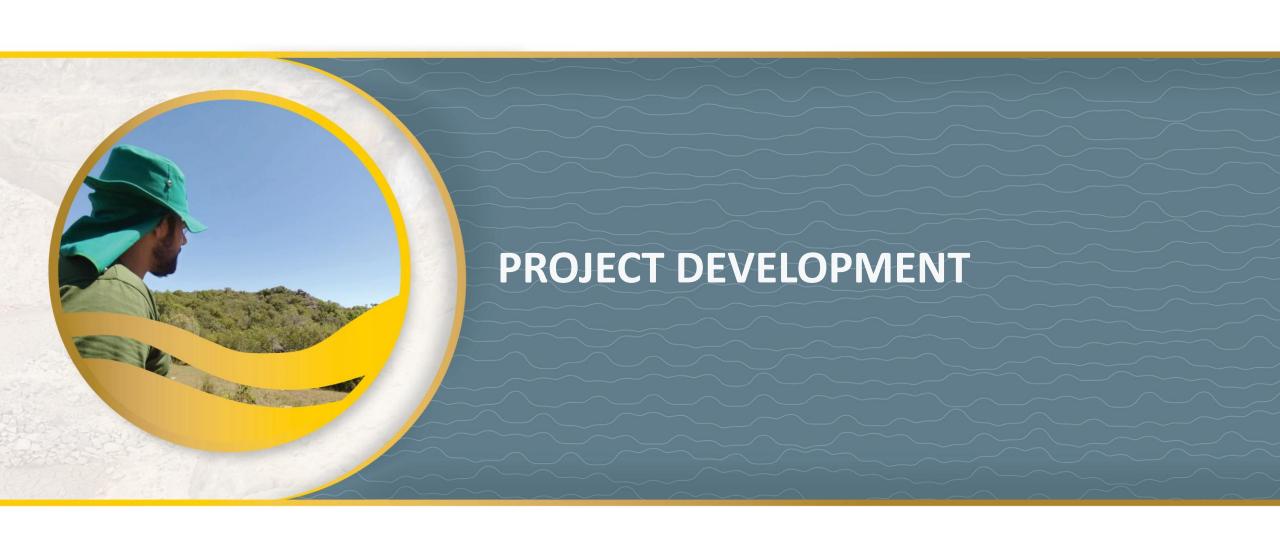
Exploration potential along western edge of intrusive complex





- Three regional kilometre scale gold-in-soil anomalies
- Gold systems along western edge of intrusive as well as to the south and east of the complex
- 17,000 m drilled during 2024 program expect similar levels in 2025
- Targets are Fazenda do Posto, Butia and Caneleira concession (Olaria, Caneleira target etc.)

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The Path to Production - Brazil Mine Permitting Process



Development

Mining

Preliminary License (LP)

Signed off by either
State or Federal
Environmental Agencies
depending on
jurisdiction

- Environmental Impact Assessment (EIA-RIMA) required
- Typically a
 Preliminary
 Economic
 Assessment (PEA),
 rudimentary mine
 plan

Installation License (LI)

Approved by both State & Federal Agencies

- Must have surface rights agreements, defined scope of work,
- Usually a FeasibilityStudy LevelAssessment
- Permission to begin construction

Construction License

Granted through review by both State & Federal Agencies

- Financing Secured
- Construction of mining project

Operating License

Granted by the National Mining Agency (ANM)

 Following inspection of the facilities, this allows commencement of operations, start of production

NEXT STEPS: Environmental & Social Impact Assessment (EIA-RIMA Study) & Metallurgical Testing (Butiá & Fazenda do Posto)



What is an EIA?

An EIA-RIMA study assesses the environmental & social impact of a hypothetical mine and processing facility

Why do an EIA-RIMA Study?

An EIA-RIMA is required for the application for the **LP (Preliminary License)**, the first in a series of three licences needed to take a project through to production – the most important licence needed to mine.

What is involved in an EIA-RIMA?

There are **5 main components** in an EIA-RIMA:

- Geological study
- Metallurgical study
- Conceptual mine plan
- Conceptual metallurgical plant plan
- Socioeconomic
- What is the time frame for an EIA-RIMA and the cost?

Lavras Gold is required to submit the EIA by the end 2026 – the above studies will be completed by that time. Cost: roughly C\$1 million.

Note: The technical parameters used for the LP are **NOT** the final design parameters for a mine, but more the level of a Scoping Study (non-43-101 compliant). The purpose of the LP is to assess the potential environmental impacts of a conceptual mine design on the polygon. The final parameters are determined during the Installation License phase when a feasibility-level study is required.



NEXT STEPS: Metallurgical Program in Progress for Butiá & Fazenda do Posto











Highlights:

Metallurgical Tests being completed at SGS Labs, Belo Horizonte

- Comprehensive metallurgical test program started in September 2024
- 5 samples of 150 kilograms each were composited by taking samples from drill core throughout the Butiá deposit area
- 3 samples of 150 kilograms samples each were composited for Fazenda do Posto currently being tested
- Tests are based on grade domains high grade, medium grade, low grade
- Work Index Tests also being completed
- Tests are focusing on crushing, grinding, gravity, flotation, leaching



Social Programs Fostering Relationships with our Local Stakeholders in Lavras do Sul



ROTA DO OURO: Gold trail with five stations that underscores importance of gold mining to the development of the region. Participants receive a passport that is stamped at each station, as well as seeds for native trees inside a small raw wool bag produced by local weavers upon completion.











Lavras offices Beginning and end of trail. **Participants** collect passport and see mineral samples and examples of objects that use gold.

House of Culture Participants visit a public historic mansion and private spaces in a historic centre. which has an exhibition on gold mining in the town.

Estação Água Shows importance of reclamation. Area was a mining centre until 1947 and is now used as a freshwater beach.

Exhibition Park Shows symbiotic history of gold and cattle in the region. Participants learn about how cattle ranching is one of the main drivers of the local economy.

Tribute to miners Participants visit a former residence of a garimpeiro family and view a large collection of photos and equipment used by mine workers.

PROJECT VIVER: A Community Initiative Rooted in the local connection to the land and responsibility for its stewardship.

Agricultural Support – Distribution of native seeds in biodegradable wool bags for community planting **Creative Expression** – Poetry and storytelling workshops that celebrate local history and culture **Animal Welfare** – Participation in the Livestock Universe event to support education in animal husbandry and care

Environmental Stewardship – Soil testing and greenhouse activities that promote sustainable practices





Mara Rosa Royalty: Strategic Asset for Potential for Near-term Value Creation for Lavras Gold





- Hochschild spent US\$205 million to build the Mara Rosa Gold Mine – commercial production reached in May 2024
- Mining on the land held under Lavras Gold's royalty would be slated for several years down the road
- Current production estimate for 2025: 35,000 45,000
 oz from Posse Pit (not included in Lavras Royalty)
- Anticipate reaching 82,000 105,000 oz AuEq in H1 2026

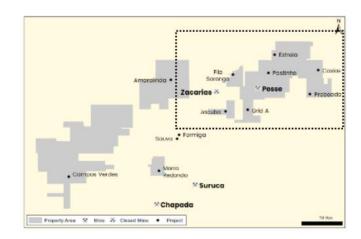




Mara Rosa Royalty: Strategic Asset for Potential for Near-term Value Creation for Lavras Gold





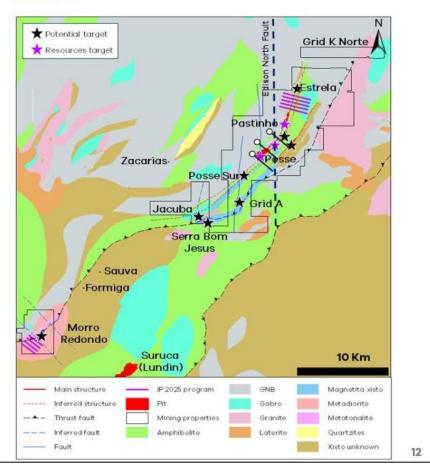


Increasing life-of-mine with high quality resources 2024

 Drilling at Posse belt has added significant new resources below open pit

2025

 Focusing on Pastinho, Estrella, Morro Redondo, & Serra Bom Jesus areas





Summary: Two Active Drill Rigs



- Near term objectives:
 - define geometry and grade distribution of Fazenda do Posto gold discovery and look for more blind discoveries
 - test for extensions to mineralized footprint of Butiá
 - test other priority exploration targets Olaria, Caneleira
 - Metallurgical test-work has started at Butiá, to be followed by Fazenda do Posto
- Medium term: de-risk Fazenda do Posto and Butiá leading to a preliminary economic study and supporting permitting
- Long term: make new gold discoveries
- **Ultimate goal**: Demonstrate the potential for an economically feasible gold mine at the LDS Project



A **significant gold mineral system** is developing at the Fazenda do Posto gold discovery & adjacent Butiá Gold Deposit.





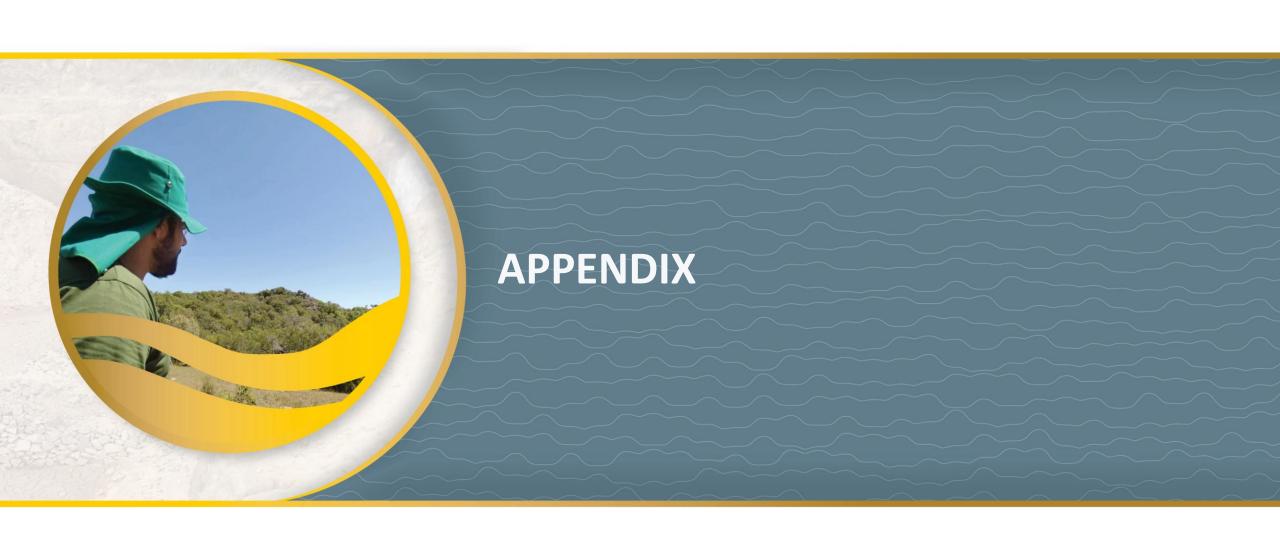


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Butiá & Cerrito Mineral Resource Estimates



Butiá

RESOURCE CATEGORY	TONNES (MM)	GRADE (g/t gold)	CONTAINED GOLD (ounces)
Measured	4.6	0.88	132,000
Indicated	8.3	0.92	246,000
Total		0.91	377,000
Inferred	3.7	0.97	115,000

Notes

- Mineral resources are not mineral reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the mineral resources estimated will be converted into mineral reserves
- Assumes a gold cut-off grade of 0.30 g/t; high grade samples were capped to a gold grade of 5.55 g/t; capped results are being shown
- Numbers may not sum due to rounding
- This estimate should be read in conjunction with the full report, *NI 43-101 Technical Report Mineral Resource for Butiá Gold Prospect Rio Grande do Sul, Brasil.* Effective Date January 25, 2022 and updated November 15, 2024. Prepared by VMG Consultoria e Soluções Ltda.

Cerrito

RESOURCE CATEGORY	TONNES (MM)	GRADE (g/t gold)	CONTAINED GOLD (ounces)
Indicated	8.3	0.70	188,000
Inferred	13.2	0.69	293,000

Notes

- Mineral resources are not mineral reserves and do not have demonstrated economic viability. There is no certainty that all or any part of the mineral resources estimated will be converted into mineral reserves
- Assumes a gold cut-off grade of 0.30 grams per tonne (g/t)
- High grade samples were capped at a grade of 3.07 g/t for the capped resource estimate
- Numbers may not sum due to rounding
- The qualified person for the resource estimate is Dr. Volodymyr Myadzel of VMG Consultoria e Soluções Ltda.
- This estimate should be read in conjunction with the full report, *NI 43-101 Technical Report for the Cerrito Gold Prospect, Rio Grande do Sul, Brasil.* Effective Date May 31, 2022 and updated Noember 15, 2024. Prepared by VMG Consultoria e Soluções Ltda.