

Lavras Gold Corp announces mineral resource estimate for Cerrito Prospect

06.06.2022 | [GlobeNewswire](#)

Resource estimates for two targets at LDS—Cerrito and Butiá—have now been completed; consolidated gold resources have reached initial million ounce milestone

TORONTO, June 06, 2022 - [Lavras Gold Corp.](#) (TSXV: LGC) has achieved its first short-term goal for 2022. An NI 43-101 compliant mineral resource estimate has been completed for the Cerrito Gold Project at its LDS Project in Brazil. The resource shows that Cerrito has an indicated gold resource of 187,650 ounces and an inferred gold resource of 293,468 ounces.

“Combining this gold resource estimate for the Cerrito Gold Prospect with the previously announced 500,000 ounces from our Butiá Gold Prospect moves us to our first million ounce milestone at LDS,” said Michael Durose, the Company’s President and Chief Executive Officer. “This is a major step toward unlocking the potential gold mineral endowment of LDS, which we have only just begun to understand. We look forward to releasing results of active drilling at the Zeca Souza, Matilde, and Matilde Extension prospects soon.”

NI 43-101 MINERAL RESOURCE ESTIMATE FOR CERRITO GOLD PROSPECT

Class	Type	Tonnes	Uncapped		Capped		Gold
			Gold (g/t)	Gold (oz)	Gold (g/t)	Gold	
Indicated	Saprolite	474,461	0.87	13,327	0.78	11,858	
	Hard rock	7,774,763	0.78	195,759	0.70	175,792	
Inferred	Saprolite	286,235	0.80	7,338	0.66	6,094	
	Hard rock	12,871,242	0.76	314,329	0.69	287,374	

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 0.3 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. The report is authored by Volodymyr Myadzel, MAIG, and Frank Richard Baker, MIMMM, MAUSIMM, and is dated and effective May 31, 2022. It will be filed on [www.sedar.com](#) under the company’s profile within 45 days.

Methodology for estimate

The gold resource for the Cerrito Prospect has been estimated according to standards set out in National Instrument 43-101 – Standards of Disclosure for Mineral Projects (NI 43-101).

The Cerrito gold resource calculation is based on a drilling database of 92 diamond drill holes totaling 14,593 metres of drilling. Distances between drill holes varied from 25 and 100 meters from which 24 vertical sections were created having a north-south orientation and an average distance of 50 meters between sections.

Composite samples averaged 1.0 metre in length. The block model was generated from the discretization of three-dimensional solids into blocks of defined dimensions. The process of discretization of the solid included the sub-blocking process.

Initially, the model was filled with blocks measuring 10 (X) by 10 (Y) by 10 (Z) metres, which were divided into subunits of smaller size, with a factor for size subdivision of 10 by 10 by 10 in contact with the surrounding three-dimensional solids.

As a result, at the limit with solids, the size of the blocks became 1.0 (X) by 1.0 (Y) by 1.0 (Z) metres. The initial size of the blocks was chosen based on the morphology of the mineralized geological bodies and the size of the exploration grid at 1/2 of the main grid. The model contains 253,197 blocks.

The solid was used to create a block model within the mineralized geological body and encode the respective blocks. A digital model of the topographic surface was used to restrict the block model along the vertical axis. The blocks were generated with faces parallel to the north/south and east/west axes.

A capping grade of 3.07 g/t gold was applied to minimize the impact of high-grade gold assay results on the overall resource calculation. An uncapped and capped gold resource was calculated to show the impact of capping on the overall gold resource model.

The disclosed resource is based on a block model interpolated by the Ordinary Kriging method. A 0.3 g/t gold cutoff grade is assumed based on the near and at surface nature of the Cerrito mineral deposit. The sensitivity of the gold resource estimate to cut-off grade varying from 0.0 g/t gold to 5.0 g/t gold is shown in the full report.

This estimate should be read in conjunction with the full report, which will be filed on www.sedar.com under the company's profile within 45 calendar days.

Classification of resources

The classification of resources was carried out in accordance with NI 43-101 guidelines.

The resources were classified as Indicated and Inferred according to the degree of reliability of the different iterations and data used for the interpolation of the block model. Solids were created and were used to stamp the inner blocks to each of these reliability zones.

For the indicated resource, a solid that encompasses an area with a 50-meter regular drilling grid was created for areas in which more than 90% of the blocks were stamped in the first to third iterations corresponding to 2 of the search radius. For interpolation, a minimum of 1 hole and 2 composite samples were used and the average distance of interpolation between samples is 50 meters.

All other blocks were classified as inferred resources.

Qualified person

Dr. Volodymyr Myadzel of VMG Consultoria e Soluções Ltda., a qualified person as defined by NI 43-101, has reviewed and approved the scientific and technical information contained in this release.

Learn more about LDS Project in our webinar tomorrow at 11 AM ET

Join CEO Michael Durose for a webinar on the Cerrito and Butiá mineral resource estimates, as well as the potential of the LDS Gold Project, on June 7 at 11:00 AM Toronto time.

Click the following link to register now:

<https://6ix.com/event/get-to-know-lavras-gold-and-its-exploration-results/>

Lavras Gold: Exploring to realize the potential of a multi-million ounce district in southern Brazil

Lavras Gold (TSXV: LGC) is a Canadian exploration company focused on realizing the potential of the Lavras do Sul gold project (LDS Project) in Brazil. Located in the state of Rio Grande do Sul, the LDS Project is believed to host an alkaline porphyry gold-copper system. More than 23 gold prospects centred on historic gold workings have been identified on the property, which spans more than 22,000 hectares.

The Company's vision is to maximize shareholder value by applying a sustained systematic and technically-based exploration program to the LDS Project and any other opportunities that may arise.

Follow Lavras Gold on www.lavrasgold.com, as well as on LinkedIn, Twitter, and YouTube.

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