

# ASX Announcement

25 September 2023

## Brazil Lithium Linopolis Jaime Due Diligence Complete

OzAurum Resources Ltd (**ASX: OZM** or **OzAurum** or the **Company**) is pleased to provide shareholders with an update on the Linopolis Jaime hard rock lithium project acquisition\* in the State of Minas Gerais, Brazil (**Project**).

### Highlights

- Due diligence conditions satisfied and OZM intends to accept the grant of the option and make payment in line with the binding Term Sheet.
- Managing director/CEO travelling to Brazil mid-October to commence fieldwork, progress the purchase of OZM diamond drilling rig and pursue any other potential lithium opportunities should they arise.
- OzAurum office to be established in the Governador Valadares - Linopolis area.
- Groundwork started onsite in Brazil with reinstatement of the access track into the Sito do Estevinho mine currently underway along with farm access roads within the project.
- Environmental permitting for drilling at Jaime Linopolis commenced.
- The Linopolis Jaime Project is located on a strategically held area of over 20 Lithium – Cesium – Tantalum (**LCT**) bearing pegmatites that have been mined intermittently for tantalite, beryl, tourmaline, brazilianite and feldspar intermittently by the Pacheco family and other artisanal miners for over 50 years.
- Linopolis Jaime Project spodumene grades of up to 7.36% LiO<sub>2</sub> with an average spodumene grade of 6.94% LiO<sub>2</sub> confirmed within a +7m wide spodumene zone consisting of at least 20% volume coarse spodumene crystals up to 1m in length mapped over +7m in true width at the Sito do Estevinho underground mine workings.
- Coarse spodumene crystals are rarely seen in lithium deposits. Greenbushes and Mt Marion lithium deposits are examples where they are known to occur.

\* full details of the Linopolis Jaime acquisition are contained in the Company's ASX announcement dated 15 September 2023.

**CEO and Managing Director, Andrew Pumphrey, commented:**

*"I am keen to get back on the ground in Brazil and commence exploration of the Company's Linopolis Jaime project. Whilst there, I will be looking to acquire a diamond drilling rig and get our in-house diamond drilling capability organised which will provide us with certainty around our exploration program. We will also review additional lithium acquisition opportunities should they arise. We are very excited by the opportunities that these projects will bring to the Company and look forward to exploring and providing updates to shareholders."*

**Brazil Exploration Strategy**

Managing director/CEO Andrew Pumphrey is travelling to Brazil mid-October for a month to commence fieldwork on the Linopolis Jaime lithium project and to establish an OzAurum in-house diamond drilling capability in Brazil.

The Company is currently looking to purchase a diamond drilling rig and associated drilling equipment which will provide OzAurum with in-house diamond drilling capability. This will enable OzAurum to have full flexibility in its drilling programs, certainty around rig availability and reduced drilling costs.

OzAurum's intention is to establish an office in the Governador Valadares - Linopolis area which will be a base from which we undertake our fieldwork activities.

Environmental permitting has commenced to allow diamond drilling at Linopolis Jaime. Reinstatement of farm access tracks and roads within the Linopolis Jaime project has commenced.

**Linopolis Jaime Project Acquisition**

The Company has completed its due diligence requirements regarding the Linopolis Jaime Project, which is located 65km East-Northeast of Governador Valadares, in the state of Minas Gerais, within the Eastern Brazilian Pegmatite Province of Brazil. The Project covers a 240ha area situated within tenement 833042/2013 (Figures 1 and 2).

The Company will accept the grant of the option and make the USD\$20,000 option fee payment.

**Linopolis Jaime Project Background**

The project area hosts over twenty recently mapped LCT pegmatites. Some of these have been intermittently mined for tantalite, beryl, tourmaline, brazilianite and feldspar for over 50 years by the Pacheco family and other artisanal miners. A large scale underground pegmatite mine is operating on the western boundary of the Project area.

There is a swarm of LCT Pegmatites within the project area (Fig.2), which all follow a north-south strike, are subvertical and up to 30m in width. A late G4 S-type granite has only just been identified within the Project area in the last few weeks by field mapping and potentially is the parental granite for the LCT pegmatites. All the LCT pegmatites within the Project area are late, with sharp contacts, are structurally controlled and hosted in muscovite schist. The muscovite schist host in this area has been dated to Neoproterozoic which is the same age as that of the pegmatite lithium mining operations at Sigma Lithium and CBL.

This is a classic lithium bearing pegmatite geological setting and pegmatite type. The Company considers that the Project is prolific in pegmatites and represents an exciting opportunity for OzAurum to engage in lithium exploration. No modern exploration has been undertaken on the Project area for lithium or other minerals.

An exploration strategy is currently being developed with anticipated geological mapping, soil geochemistry and diamond drilling and the Company will provide updates with respect to its exploration activities as they arise.

\* See Sigma Lithium website Project Summary for details on targeted production rate - <https://sigmalithiumresources.com>

## Brazil Lithium Project

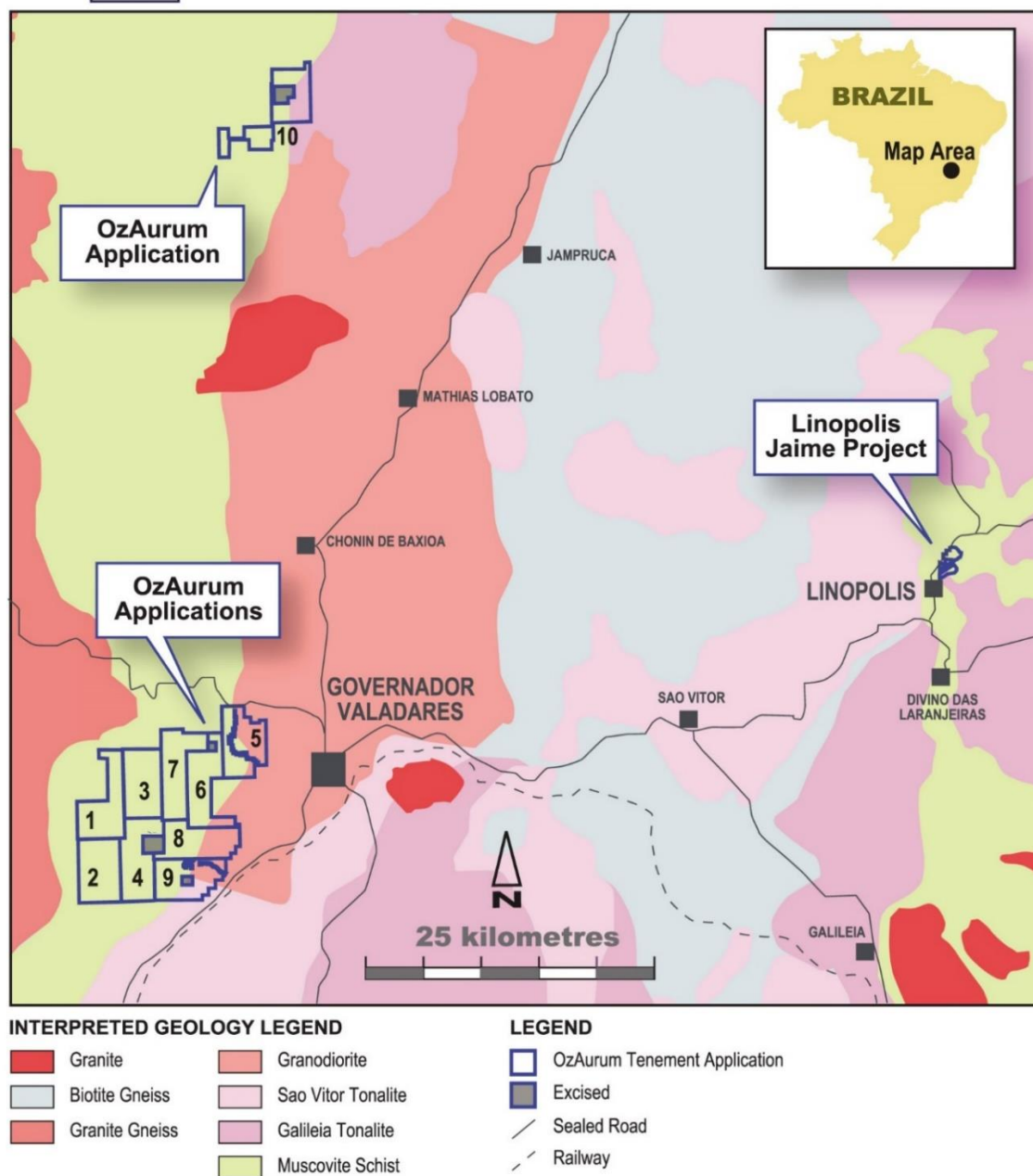


Figure 1: OzAurum Brazil Lithium Project location plan

Table 1: Results of selected rockchip samples of spodumene crystals

Sample Id	Easting (m)	Northing (m)	RL (m)	LiO <sub>2</sub> %	Description
LJOR 0401	239248.5	7929952.75	421	7.25	Spodumene
LJOR 0402	239246.5	7929952.75	421	7.36	Spodumene
LJOR 0403	239244.5	7929952.75	421	6.46	Spodumene
LJOR 0404	239242.5	7929952.75	421	6.69	Spodumene

\* These are results of spodumene crystals only and do not represent the LiO<sub>2</sub>% grade of the zone.

## Spodumene Zone - Sito do Estevinho Mine

OzAurum has commenced reinstatement of the farm access road into the Sito do Estevinho Mine that will allow access into the mine for future diamond drilling.

Within the Linopolis Jaime Project the Company has located a + 7m wide (true width) spodumene zone within a LCT pegmatite consisting of at least 20% volume coarse spodumene crystals up to 1m in length (Figs 5, 6, and 7). This zone occurs in an adit exploiting pegmatite at the artisanal Sito do Estevinho Mine. This pegmatite was mined for beryl, mica and feldspar.

The Company has recently taken samples of the spodumene crystals every 2m along the underground crosscut to confirm the lithium grade of the spodumene only – these results are not representative of the entire exposed width. Analysis from ALS has confirmed lithium grades of up to 7.63% LiO<sub>2</sub> and an average grade of 6.94% LiO<sub>2</sub> in spodumene crystals only, (Table 1)(Full details of the exploration results are contained in the Company's announcement dated 15 September 2023).

The mineral species has also been confirmed to be spodumene by petrographic identification.

At the Sito do Estevinho Mine an adit accesses the spodumene zone (Fig 2 below).

A sharp pegmatite contact within the muscovite schist has been traced underground for approx. 50m. striking north-south and dipping 80° to the east, (Figs 3 and 4).

This represents an exciting target for future diamond drilling and potential for a new lithium discovery.

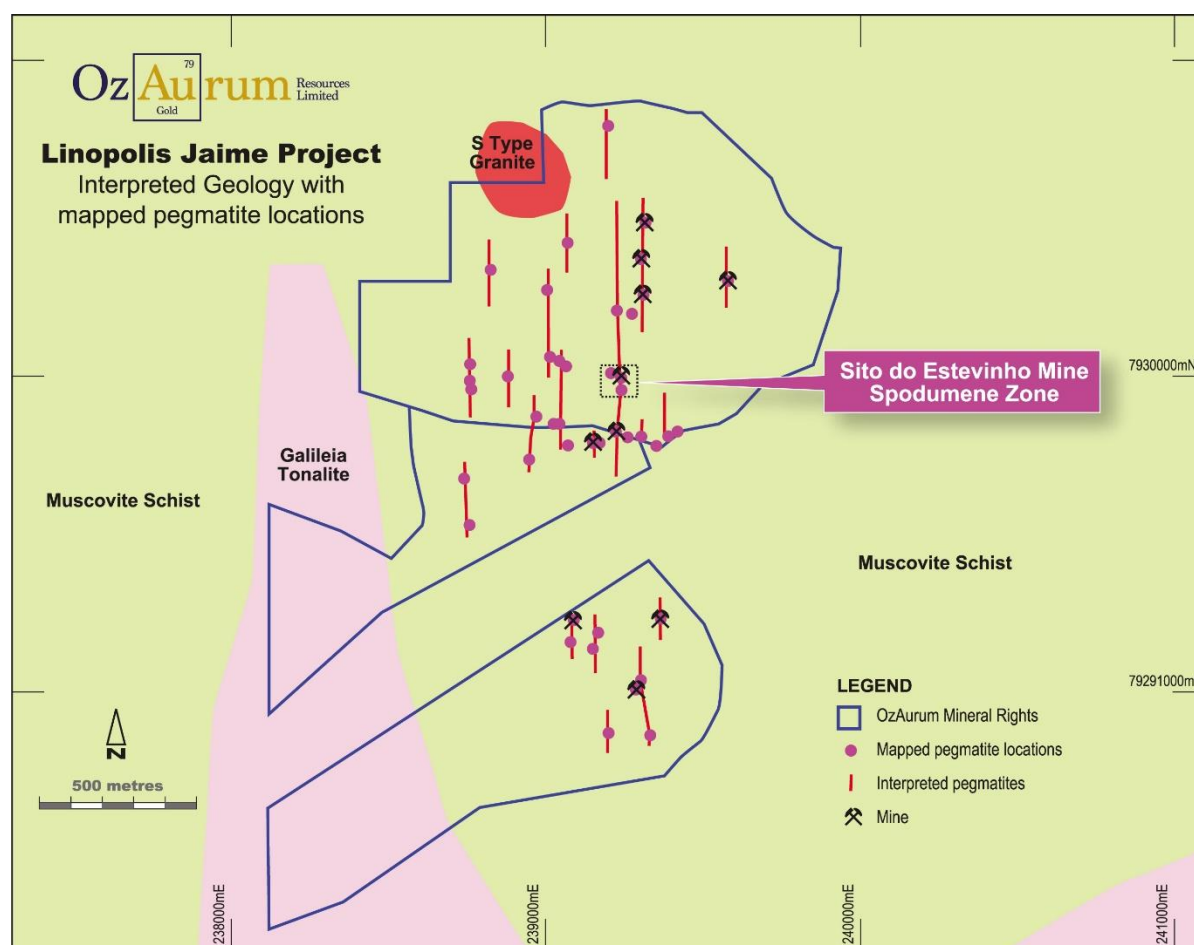


Figure 2: Linopolis Jaime Project interpreted geology with pegmatite locations recently mapped



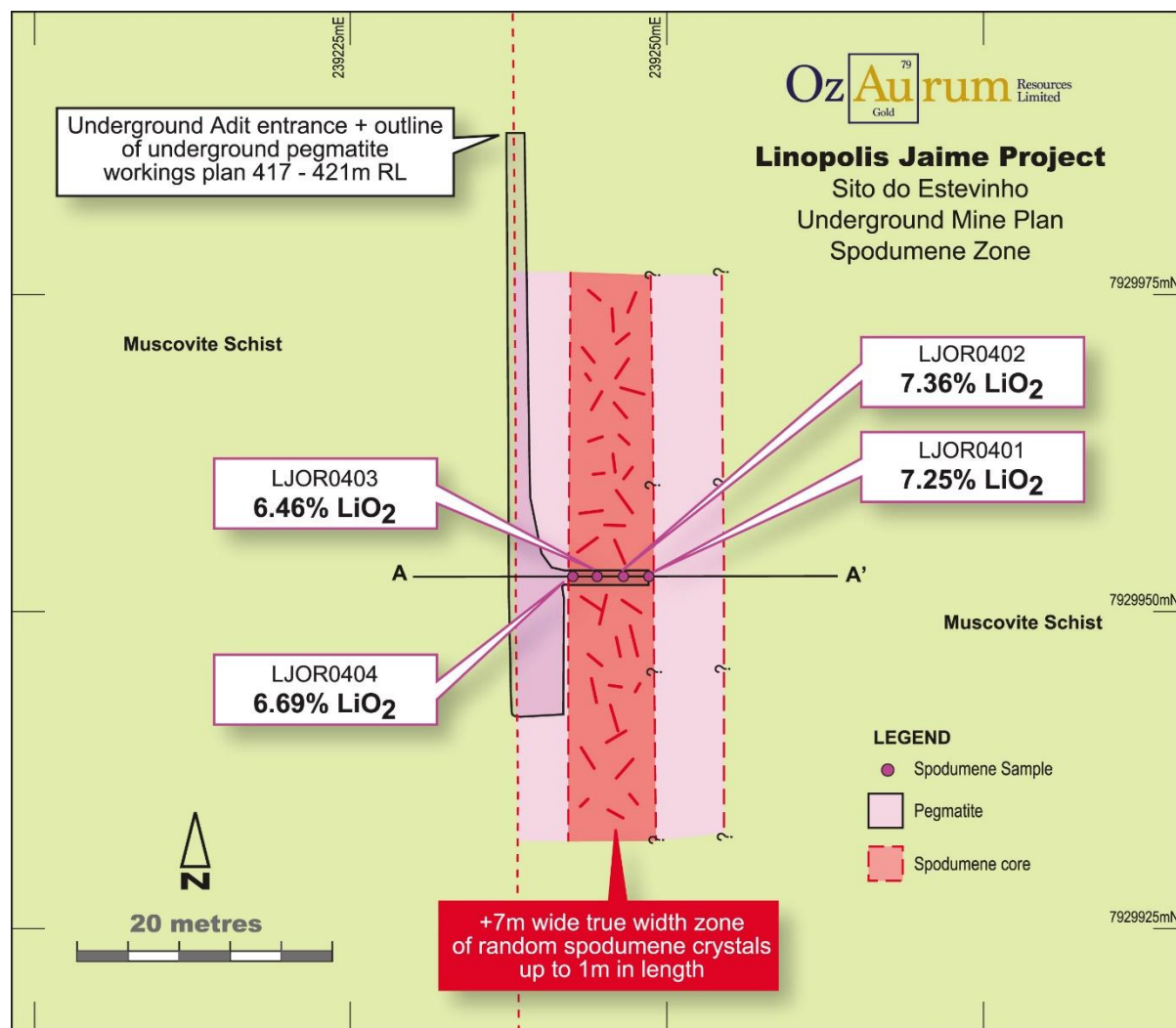


Figure 3: Spodumene Zone Sitio do Estevinho underground mine plan with interpreted geology

## Governador Valades Tenement Applications

In conjunction with the acquisition of Linopolis Jaime Project, OzAurum has made applications for new tenements west and north of Governador Valades over areas which are prospective for lithium. In total the Company has made application for 10 tenements covering an area of 19,700ha- (refer schedule of applications, page 11 and Figure 1). The tenement applications cover two areas, Governador Valadares and Jampruca.

Tenements are situated in the same regional geology as the Linopolis Jaime Project.

These are greenfields exploration areas that have seen no systematic exploration for LCT pegmatites. Once these applications are granted, the Company's strategy will be to undertake broad spaced stream sediment and soil geochemistry followed by more detailed geochemistry.

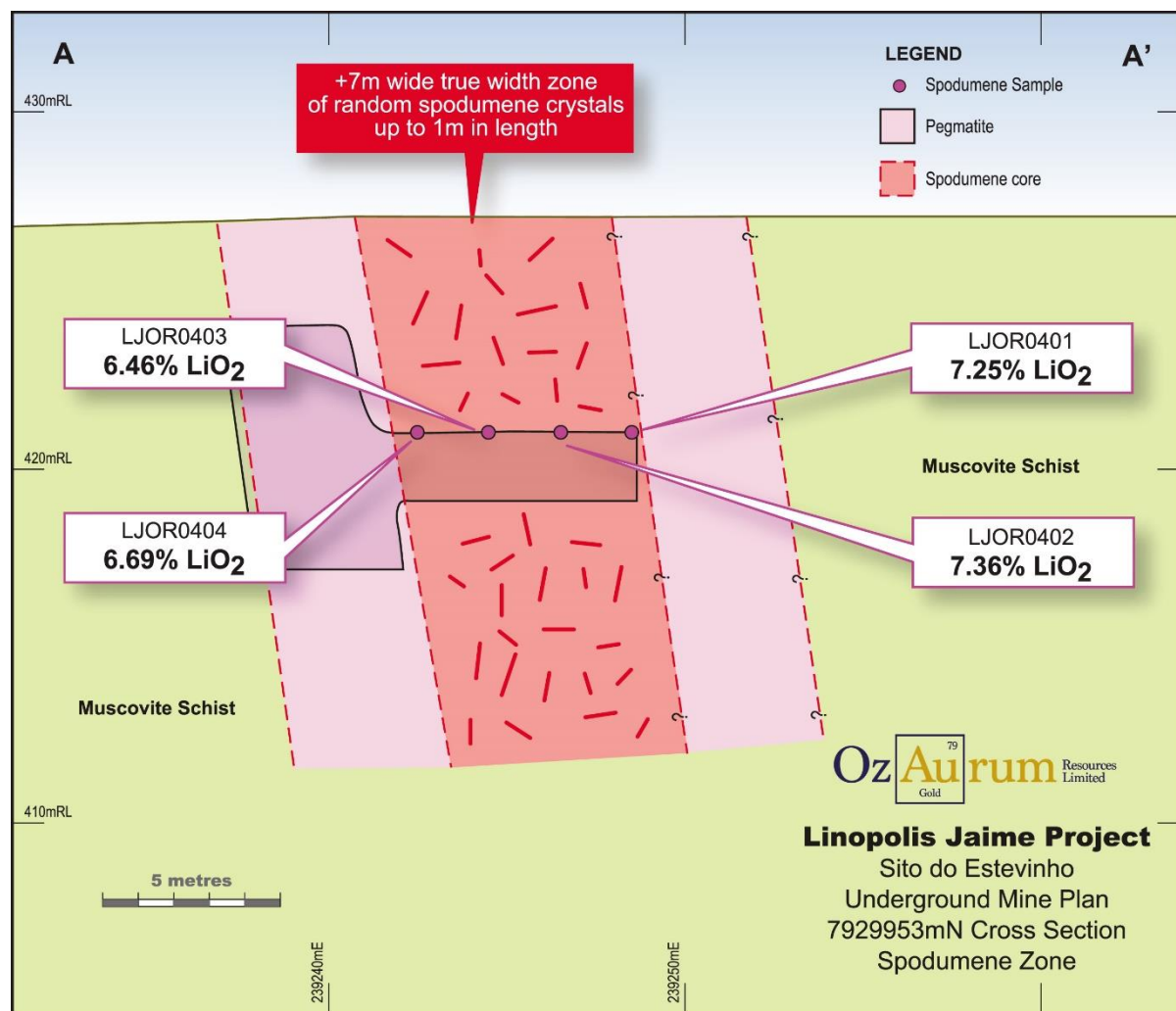


Figure 4: Spodumene Zone Sitio do Estevinho underground mine cross section

## Lithium in Minas Gerais State

Within the State of Minas Gerais and 200km north of the OzAurum lithium Project are the following projects:

**Sigma Lithium (TSXV:SGMA)\*** situated 200km north of OZM project area and their Grota do Cirilo Project Lithium has Reserves of 54.8 Mt @ 1.44% LiO<sub>2</sub> that is in production with a planned production rate of 107,000 tpa LCE. Mining is via an open pit operation, with onsite crushing and screening to an onsite dense media separation “DMS” plant where a coarse lithium concentrate is produced. The lithium concentrate is then trucked to Vitoria Port where it is shipped around the world.

**CBL (Companhia Brasileira de Litio)\*** is also situated 200km north of the OZM project area, the Mina da Cachoeira underground mine has reserves of 4 Mt and a production rate of 42,000 tpa spodumene concentrate. Onsite crushing and screening is undertaken then to the onsite DMS plant. A lithium carbonate is produced at the CBL Divisa Alegre plant located some 180km north of the Mina da Cachoeira mine producing at a rate of 1,500 tpa LCE.

The state of Minas Gerais has excellent infrastructure with sealed highway/road network, hydroelectric power reticulated throughout the state and ample water. The port of Vitoria is 250kms south east of the Project area.

\* See Sigma Lithium website project summary for details on targeted production rate etc - <https://sigmalithiumresources.com>

\* See CBL website for company and project details- <http://cblitio.com.br>



Figure 5: Coarse spodumene crystals (Spo) within Spodumene Zone in Jaime Linopolis Sítio do Estevinho underground mine. Other minerals are Feldspar (Fds) and Quartz (Qz) and black Tourmaline. Spodumene occupies at least 25 % of the field of view in this picture.





Figure 6: Typical of spodumene crystals within Spodumene Zone in Jaime Linopolis Sítio do Estevinho underground mine. Massive fresh spodumene (Spo) . White domains are partially kaolinized spodumene along fractures (Spo Kao). Spodumene with skeletal/corroded texture (Spo SK). Spodumene occupies at least 60% of the field of view in this picture.



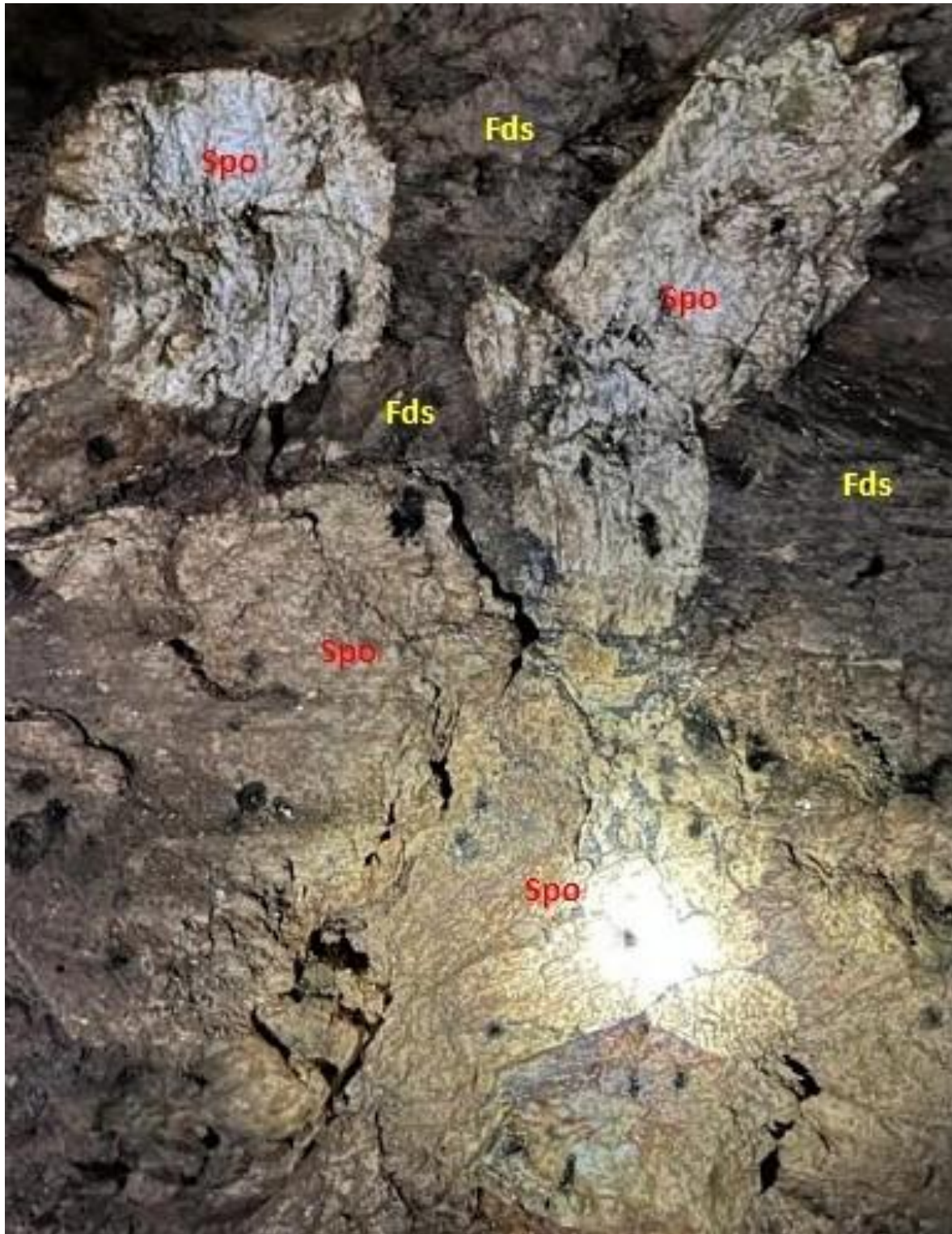


Figure 7: Coarse spodumene crystals (Spo) within Spodumene Zone Jaime Linopolis Sitio do Estevinho underground mine. Other minerals are mostly Feldspar (Fds). Width of view approx. 1.3m. Spodumene occupies at least 70% of the field of view in this picture.



Figure 8: Photomicrograph in PPL JLOR 0403 Spodumene crystal from Spodumene Zone

### Tenement Schedule

Number	Lease ID	Date Applied	State	Locality	Area ha
1	832301/2023	14/08/2023	Minas Gerais	Governor Valades	1975.51
2	832302/2023	14/08/2023	Minas Gerais	Governor Valades	1996.82
3	832303/2023	14/08/2023	Minas Gerais	Governor Valades	1996.35
4	832306/2023	15/08/2023	Minas Gerais	Governor Valades	1993.17
5	832307/2023	15/08/2023	Minas Gerais	Governor Valades	1991.91
6	823308/2023	15/08/2023	Minas Gerais	Governor Valades	1961.28
7	832310/2023	15/08/2023	Minas Gerais	Governor Valades	1952.95
8	832311/2023	15/08/2023	Minas Gerais	Governor Valades	1894.43
9	832312/2023	15/08/2023	Minas Gerais	Governor Valades	1934.01
10	832326/2023	15/08/2023	Minas Gerais	Governor Valades	1980.08

### For Further Information please contact:

Andrew Pumphrey  
**Managing Director + CEO**  
+61 419 965 976

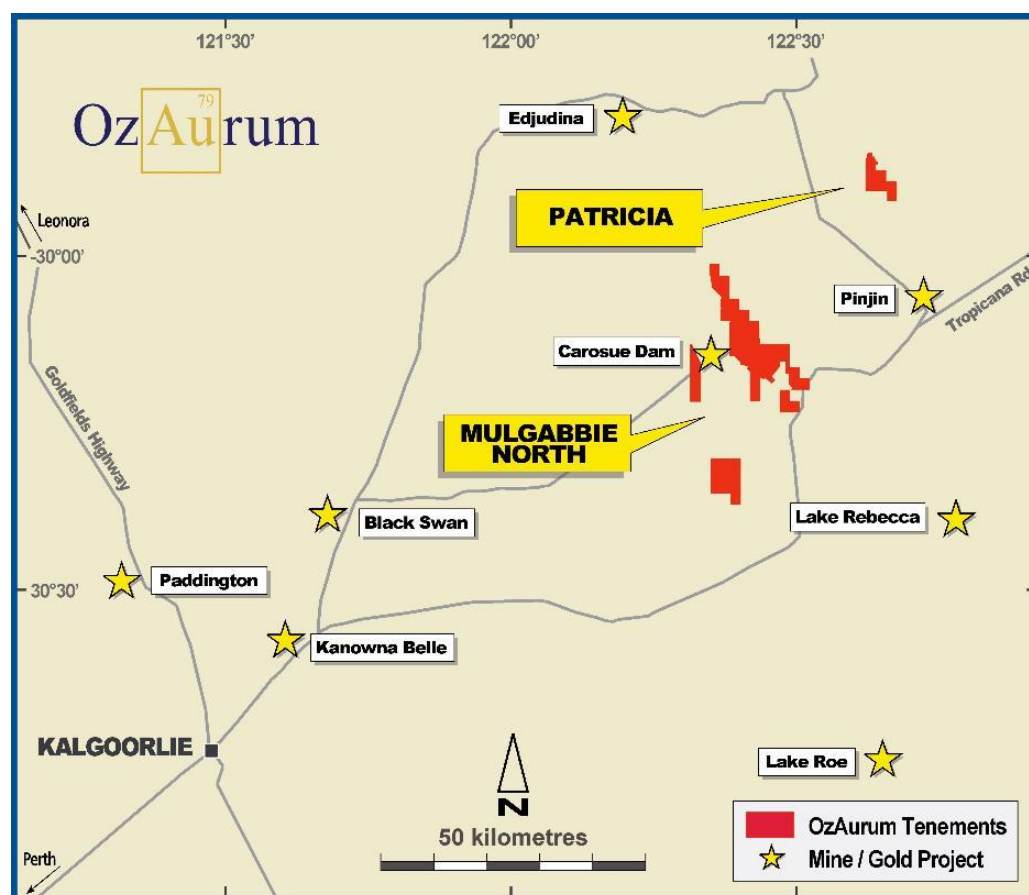
This ASX Announcement was approved and authorised by OzAurum's Managing Director, Andrew Pumphrey.



## About OzAurum

OzAurum Resources Ltd (ASX: OZM) is a Western Australian explorer with advanced gold projects located 130 km northeast of Kalgoorlie and projects in Minas Gerais, Brazil, prospective for Lithium. The Company's objective is to make a significant discovery that can be brought into production.

For more information on OzAurum Resources Ltd and to subscribe to our regular updates, please visit our website at [www.ozaurumresources.com](http://www.ozaurumresources.com) or contact our Kalgoorlie office via email on [info@ozaurumresources.com](mailto:info@ozaurumresources.com).



## Competent Persons Statement

The information in this report that relates to exploration results is based on information compiled by Jeremy Peters who is a Fellow of The Australasian Institute of Mining and Metallurgy, a Chartered Professional Mining Engineer and Geologist of that organisation and a full time employee of Burnt Shirt Pty Ltd. Mr Peters has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Peters consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to exploration results is based on information compiled by Andrew Pumphrey who is a Member of the Australian Institute of Geoscientists and is a Member of the Australasian Institute of Mining and Metallurgy. Andrew Pumphrey is a full-time employee of OzAurum Resources Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Pumphrey has given his consent to the inclusion in this report of the matters based on the information in the form and context in which it appears.