



Jadar Resources

# **An Innovative Materials Explorer**

January 2021

ASX:JDR

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ASX announcements are as follows:

Eastern Alps Satellite Project – 14 March 2019;

Weinebene Project – 19 February 2019 and 25 November 2020

Rekovac Project – 7 August 2019 and 20 May 2020

Yanamina Project – 10 February 2020; and

Tierra Blanca Project – 17 November 2020

La Fortuna – 10 December 2020

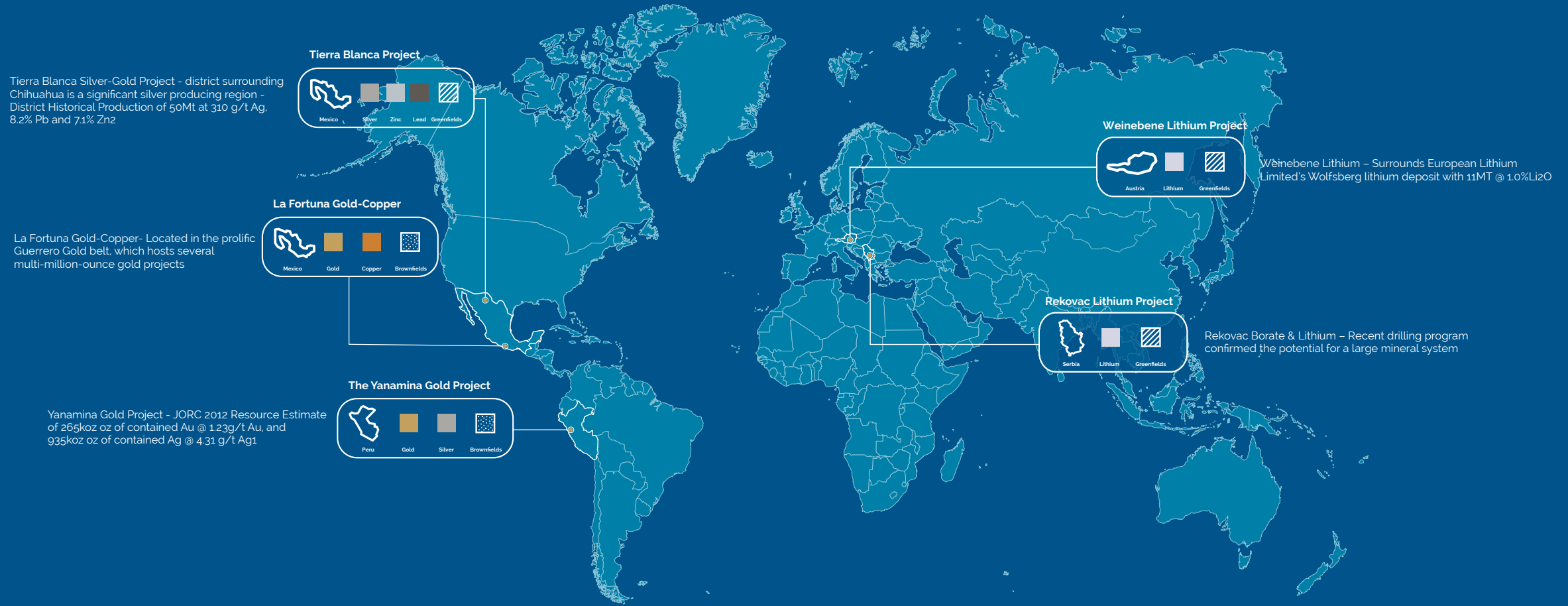
*The release of this presentation on ASX has been authorised by the Board of Jadar Resources Limited.*

# Portfolio Overview

## Strategically Diversified Precious and Green Metal Explorer



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# Strategically Diversified Precious and Green Metal Explorer



## Strong Latin American Precious Metal Portfolio

- Yanamina Gold Project - a significant bulk mining development opportunity with strong economic potential
- La Fortuna Gold Project - located in the prolific Guerrero Gold belt, which hosts several multi-million-ounce gold projects
- Tierra Blanca Silver Project - outcropping polymetallic silver, Zinc and Lead project in Chihuahua, Mexico



## With exposure to growing renewable energy market

- Silver's high conductivity make it a key ingredient in solar power and EV technology
- Exploration continuing at the company's European lithium assets Rekovac & Weinebene



# Corporate Overview

An experienced team with a proven track record



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## Capital Structure

708M

Shares on issue

A\$0.03

Shares price

\$21M

Market Cap

~\$3.7M

Cash

25M

Options ex @ \$0.02<sup>1</sup>

10M

Management  
Performance Rights<sup>2</sup>

20M

Management  
Performance Rights<sup>3</sup>



**Luke Martino - Chairman**

- 25+ years experience at partner & board level with Deloitte and currently Director of Indian Ocean Corporate, a boutique corporate & investment banking firm in Australia & Mainland China.



**Adrian Paul - CEO / Executive Director**

- 30+ years experience in securities industry.
- Vast experience in the junior explorer market and, in particular the capitalisation of these businesses.



**Hugh Callaghan - General Manager, Latin America**

- Extensive experience in Latin America in project generation and management.
- Including Working across at Escondida copper mine in Chile, building a 3,000 tonne per day underground copper mine in Chile.



**Navin S. Sidhu - Executive Director**

- 20+ years experience in equities and derivatives markets.
- Turnaround specialist and sophisticated investor, being involved in many commercial ventures on the ASX, such as capital raisings, convertible notes and underwriting.



**Steven Dellidis - Non-Executive Director**

- Project management and strategic investment for 20+ years – holds significant experience in managing a number of listed companies.
- Assisted in initial acquisitions of important assets, bolstering company profiles and currently manages a variety of businesses, across a range of industries from mechanical engineering to earth moving.



**Jim Malone - Non-Executive Director**

- Over 30 years' experience in the mining, resources, financial, broking and sporting industries.
- Worked in Perth, Melbourne, London, Santiago, Lima and New York.
- Raised over A\$300 million in equity and debt for ASX listed companies since 2001.



**Dejan Jovanovic - General Manager, Exploration**

- Graduate of Economic Geology at the University of Belgrade and a member of the European Federation Geologist (CP under JORC) and oversees lithium exploration and mining projects.
- Experienced with both Rio Tinto's "Jadar" deposit and lithium pegmatite.
- Extensive experience working with a variety of mineral commodities including lithium, borates, gold, cobalt, nickel and rare earths.

<sup>1</sup> Expiry 31/5/2023

<sup>2</sup> Expiry 23/12/2024

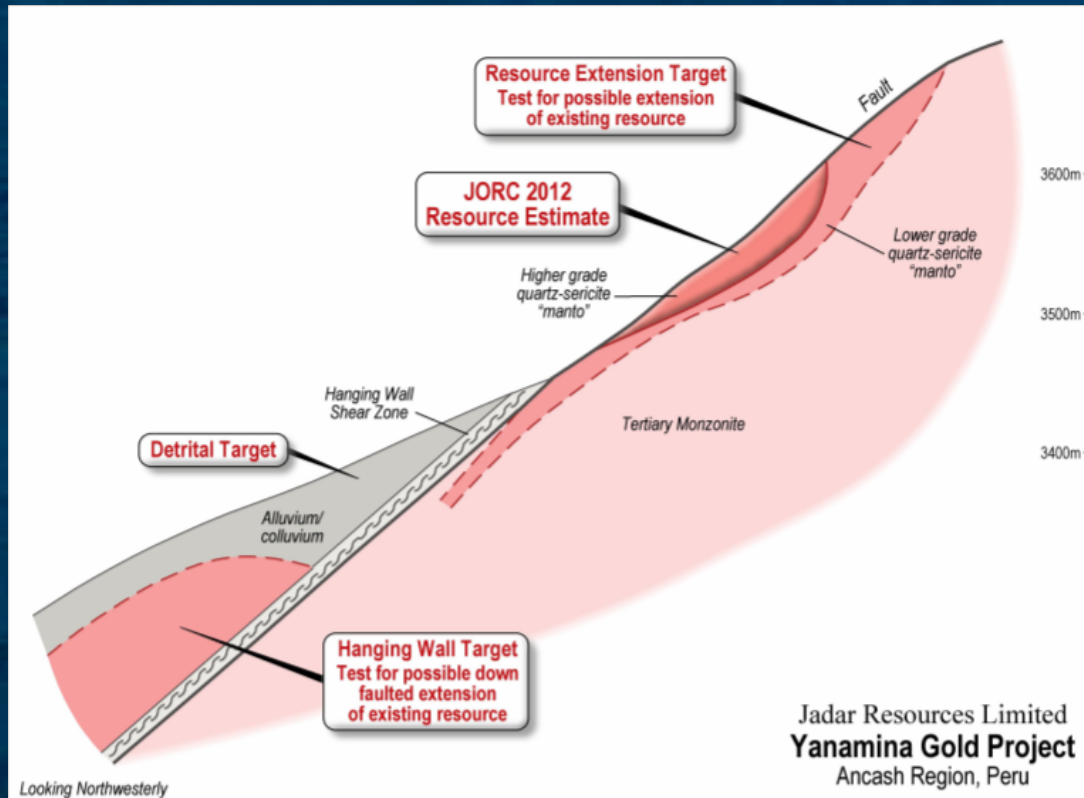
<sup>3</sup> Expiry 15/1/2022



## A significant bulk mining development opportunity with strong economic potential

- Located in the Ancash Province in Central Peru - Surrounded by a number of multi-million ounce gold projects
- Yanamina is an outcropping epithermal gold resource with existing resource of +265,000 ozs gold and 934,528ozs Silver<sup>1</sup>
- The large majority of the resource outcrops or sub outcrops indicating the potential for a low strip ratio

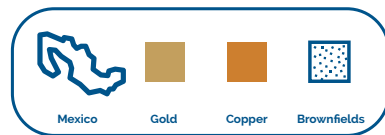
| Cut-off Grade | Indicated |        | Inferred  |        | Total     |        |
|---------------|-----------|--------|-----------|--------|-----------|--------|
| g/t           | Tonnes    | Au g/t | Tonnes    | Au g/t | Tonnes    | Au g/t |
| 0.5           | 2,790,620 | 1.35   | 3,951,640 | 1.14   | 6,742,260 | 1.23   |



## A significant bulk mining development opportunity with strong economic potential

- Additional drilling has the potential to increase the resource at Yanamina
- Significant exploration upside exists through potential depth and lateral extensions to expand the existing resource outline
- Significant exploration target in the down faulted hanging wall that bounds the upper part of the resource

Cross Section View of Additional Exploration Targets



## Located in the prolific Guerrero Gold belt

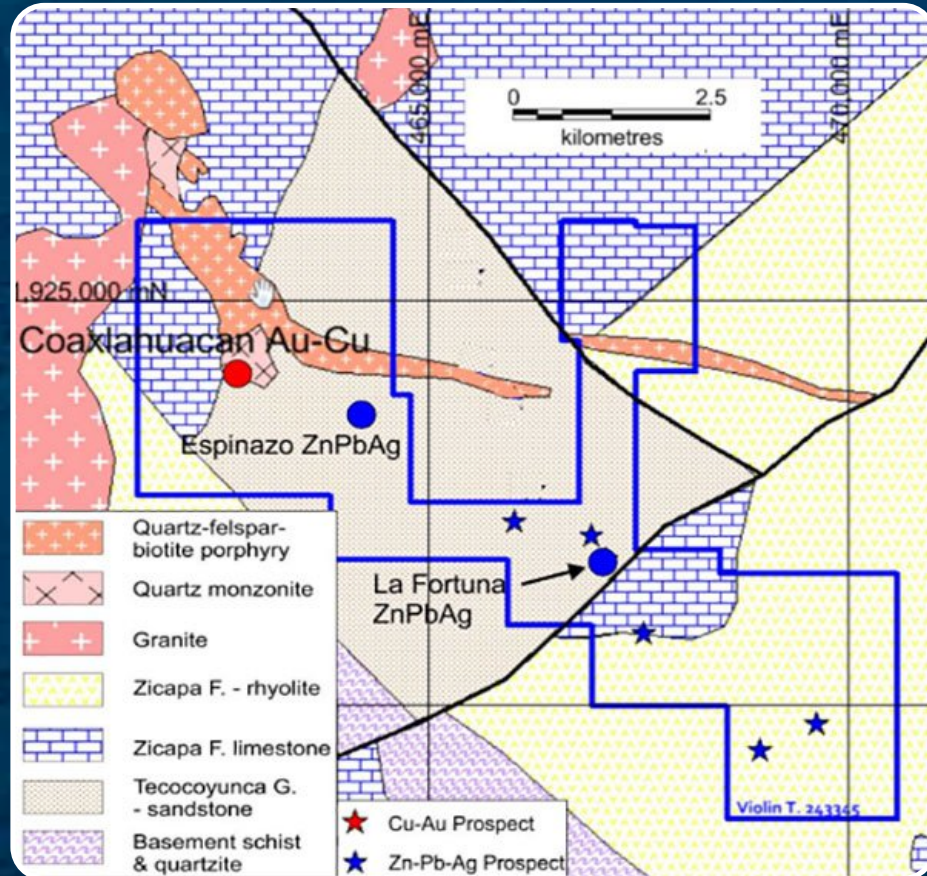
- Recently signed option to acquire a 100% interest in the 2,707.2 hectare La Fortuna gold-copper project in Guerrero, Mexico<sup>1</sup>
- The Guerrero Gold belt, hosts several multi-million-ounce gold projects
- Significant exploration activity undertaken by previous owners provides a number of near-term drilling targets
- Geological mapping, rock chip sampling, IP and Magnetic Surveying have been completed with sample values of 2161ppb Au and 13000ppm Cu being recorded<sup>1</sup>.

| Company                    | Project               | Measured and Indicated Resources | Inferred Resources      |
|----------------------------|-----------------------|----------------------------------|-------------------------|
| Equinox Gold <sup>2</sup>  | Los Filos/el Berjemal | 9.8m oz at 0.93g/t Au            | 2.6m oz at 0.83g/t Au   |
| Torex Gold <sup>3</sup>    | Los Guajes/el Limon   | 3.03m oz at 3.39g/t Au           | 0.5m oz at 2.49g/t Au   |
| Torex Gold <sup>3</sup>    | Media Luna            | 1.3m oz at 3.27g/t Au            | 2.6m oz at 2.49g/t Au   |
| Telson Mining <sup>4</sup> | Campo Morado          | 0.9m oz at 1/7g/t Au             | 46,000 oz at 1.32g/t Au |
| Alamos Gold <sup>5</sup>   | Esperanza             | 1.08m oz at 0.98g/t Au           | 18,000 oz at 0.8g/t Au  |
| Alio Gold <sup>6</sup>     | Ana Paula             | 1.4m oz at 2.17g/t Au            | 51,000 oz at 1.84g/t Au |

1 PMY ASX Announcement 15 March 2018 – Pacifico Signs Options to Acquire Major New Gold-Copper Project in Guerrero Gold Belt of Mexico & JDR ASX Announcement 10 Dec 2020 – Acquisition of La Fortuna Project Strengthens Portfolio  
 2 Equinox company website - <https://www.equinoxgold.com/operations/operating-mines/los-filos/>  
 3 Torex Gold - Corporate Presentation - December 2020

4 Telson Mining company website- <http://www.telsonmining.com/projects/campo-morado-mine/campo-morado-resource-summary/default.aspx>  
 5 Alamos Gold Mineral Resource Statement- [https://s24.q4cdn.com/779615370/files/doc\\_downloads/Alamos-2019-Reserve-Resource\\_FINAL.pdf](https://s24.q4cdn.com/779615370/files/doc_downloads/Alamos-2019-Reserve-Resource_FINAL.pdf)  
 6 Argonaut Gold company website- <https://www.argonautgold.com/English/assets/development/Ana-Paula/default.aspx>

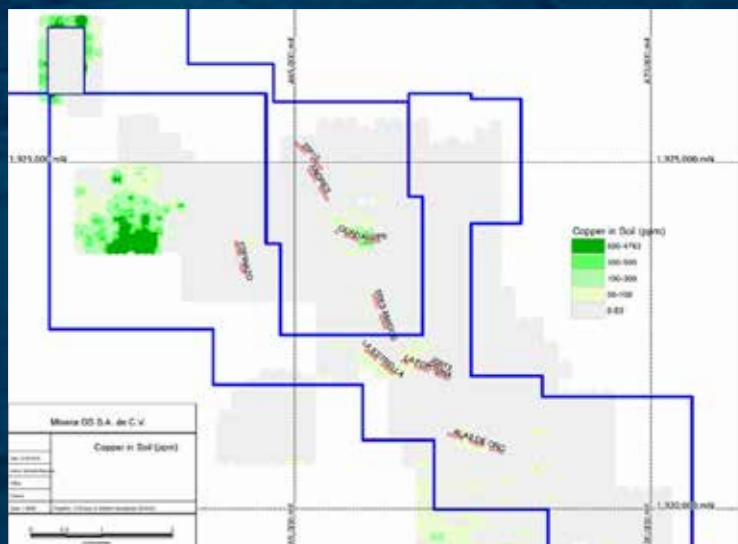




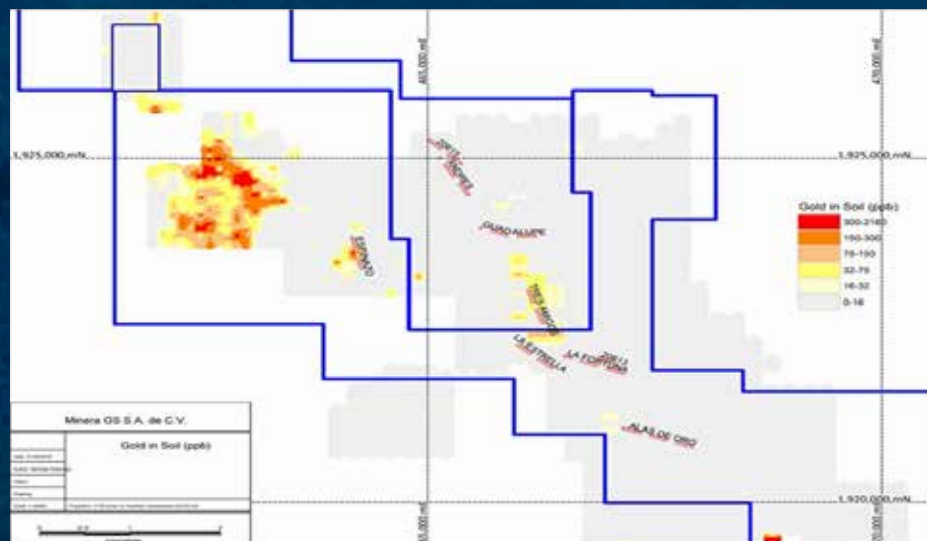
## Coaxtlahuacan Prospect - Priority for immediate exploration focus

- Surface geology and spatial distribution of Au-Cu mineralisation conforms with the well understood controls on mineralisation of numerous significant polymetallic skarn deposits within the Guerrero Belt
- Coaxtlahuacan and Guerrero Belt deposits all demonstrate intrusive-related, polymetallic mineralisation at or near the contact with limestone
- Visible surface showings of copper and gold mineralisation occur over an area of 100m x 500m

## Coaxtlahuacan Prospect - Priority for immediate exploration focus



*La Fortuna tenement area overlain with copper soil samples*



*La Fortuna tenement area overlain with gold soil samples*

- Visible surface showings of copper and gold mineralisation occur over an area of 100m x 500m
- Copper mineralisation (>500ppm Cu) occurs in a large anomaly 300m x 500m
- Several rock chip samples taken assayed in excess of 5000ppm (0.5% Cu)
- Gold in soils geochemistry demonstrated significant values (>50ppb Au & as high as 2161ppb Au) over an area of 1.3km x 1.6km
- Anomalous orebody is open to the North West and the South



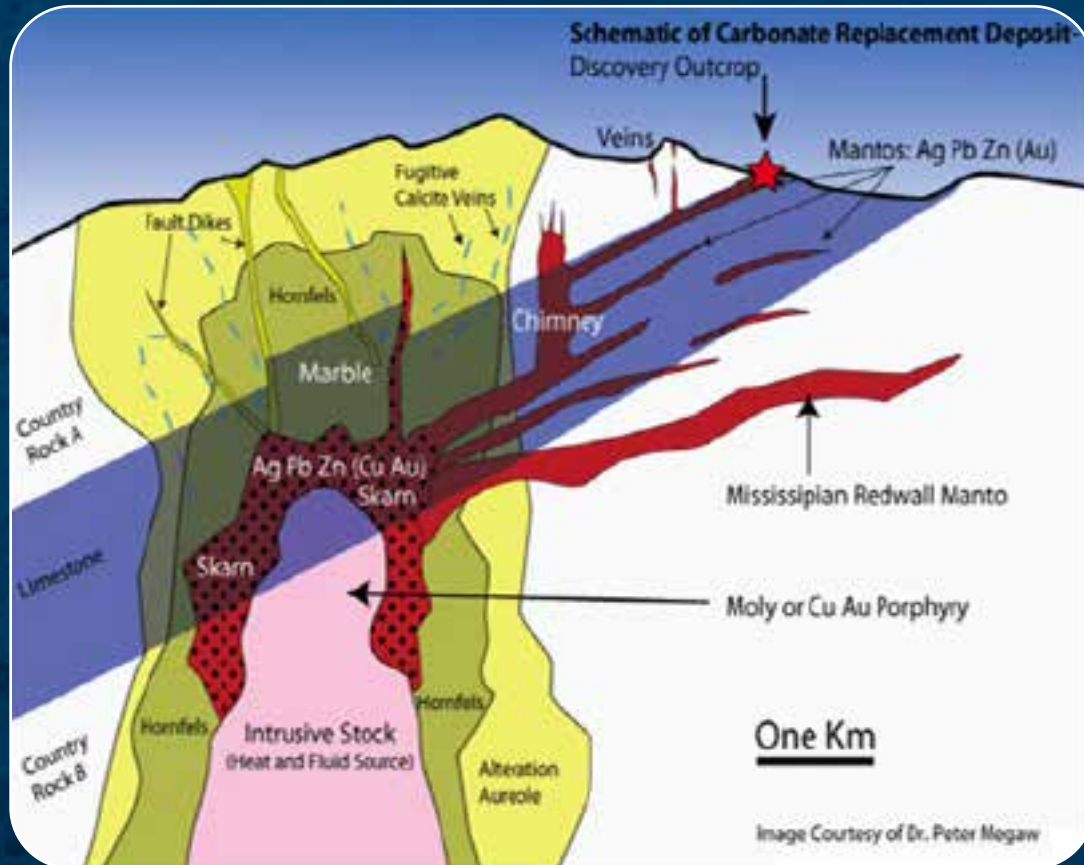


## Outcropping polymetallic silver, Zinc and Lead project in Chihuahua, Mexico

- Option agreement secured with Pacific Advisory Pte Ltd to acquire Tierra Blanca Project<sup>1</sup>
- District Historical Production of 50Mt at 310 g/t Ag, 8.2% Pb and 7.1% Zn<sup>2</sup>
- Drill-ready project close to infrastructure and several processing plant
- High-grade zinc mineralisation outcropping to surface, with structural interpretation suggesting potential for high-grade silver at deeper levels

<sup>1</sup> ASX Announcement 17 Nov 2020- Jadar Portfolio Grows with Acquisition of Tierra Blanca Project in Prolific Mining District

<sup>2</sup> Ryana Silver Presentation - <https://reynasilver.com/presentations/GuiguiProject.pdf>



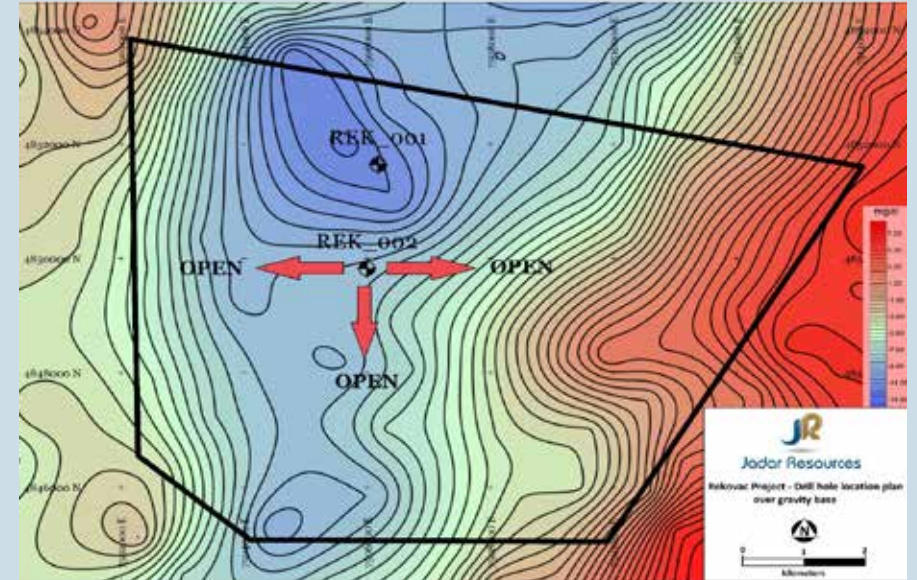
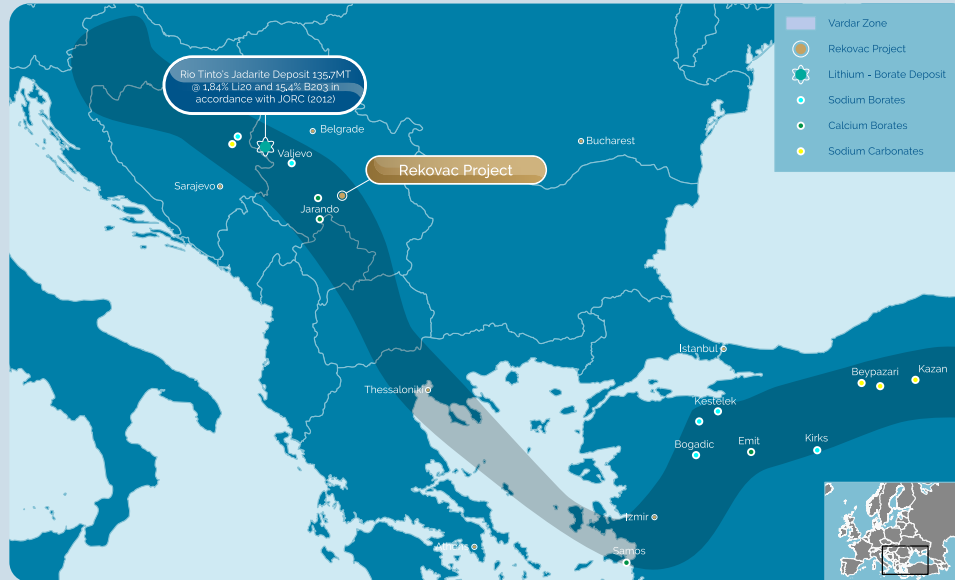
*Typical Structure of a Carbonate Replacement Deposit*

## A Carbonate Replacement Deposit

- 40% of the 10 billion ounces of Silver produced in Mexico have been produced from CRDs<sup>1</sup>
- The Silver grades are high in the majority of deposits with an average of 243 g/t Ag
  - Range from 14 to 600 g/t Ag with most deposits (14 out of 17) having grades >100 g/t Ag
- A trend of silver grades increasing at depth is frequently observed



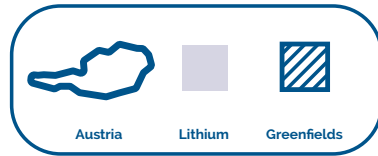
## Potential to host a large mineral system



- First round reconnaissance drilling program included two diamond drill holes (1,238m)
- Preserved Borate and Lithium mineralisation observed in both drill holes
- REK\_002 intercepted significant intervals over 49m with more than 20,000 parts per million (ppm) B<sub>2</sub>O<sub>3</sub> from 51.5m<sup>1</sup>
- Target remains open laterally to the east, west and south as well as at depth
- Activity in Serbia continues to develop following Rio Tinto's maiden ore reserve of 16.6Mt, grading 1.18% lithium oxide and 13.4% boron trioxide at its Jadar lithium/borate project<sup>2</sup>

<sup>1</sup> JDR ASX Announcement 20 May 2020 - New Discovery of Borate and Lithium Mineralisation Intersections at Rekovac Project

<sup>2</sup> RIO ASX Announcement 10 Dec 2020 - Rio Tinto declares maiden Ore Reserve at Jadar



Weinebene Location Map

## Surrounding European Lithium Limited's Wolfsberg lithium deposit

- Sixty overlapping licenses covering 27.52 km<sup>2</sup>
- Rock chips and soil sampling undertaken in the area to-date have identified numerous spodumene bearing pegmatites with up to 3.39% Li<sub>2</sub>O<sup>1</sup>
- Commencement of maiden stratigraphic diamond drill hole in Austria<sup>2</sup>
- Designed to test for Lithium mineralisation related to spodumene bearing pegmatite veins
- Results are expected to be available in Q1 2021

1 JDR ASX Announcement 19 Feb 2020 - Initial Soil Sampling Work done on the Weinenebene – Wolfsberg Project Area of Austria

2 JDR ASX Announcement 25 Nov 2020 -



## Eastern Alps Satellite Project

- Eight project areas covered by 75 overlapping licenses (total 36.63 km<sup>2</sup>)<sup>1</sup>
- Identified numerous spodumene bearing pegmatites with very high lithium values up to 3.88% Li<sub>2</sub>O (average 1.54%)<sup>1</sup>
- Early stage results provide strong indications that the high-grade lithium mineralization within the Eastern Alps is similar to that seen at the Wolfsberg Project owned by European Lithium
- Some of exposed pegmatites showed extension along strike over couple of hundred meters
- Planned work – detail mapping and sampling of exposed pegmatite, target prioritisation



## New opportunity

- Applied for additional blocks of exploration licenses<sup>2</sup>

<sup>1</sup> JDR ASX Announcement March 14, 2019 - Press Release by Jadar Lithium on Initial Reconnaissance Sampling on the Eastern Alps Lithium Satellite Projects of Austria and Serbian Update

<sup>2</sup> JDR ASX Announcement May 20, 2020 - New Discovery of Borate and Lithium Mineralisation Intersections at Rekovac Project





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# Investor Presentation