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

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Portfolio Overview

Strategically Diversified Precious and Green Metal Explorer

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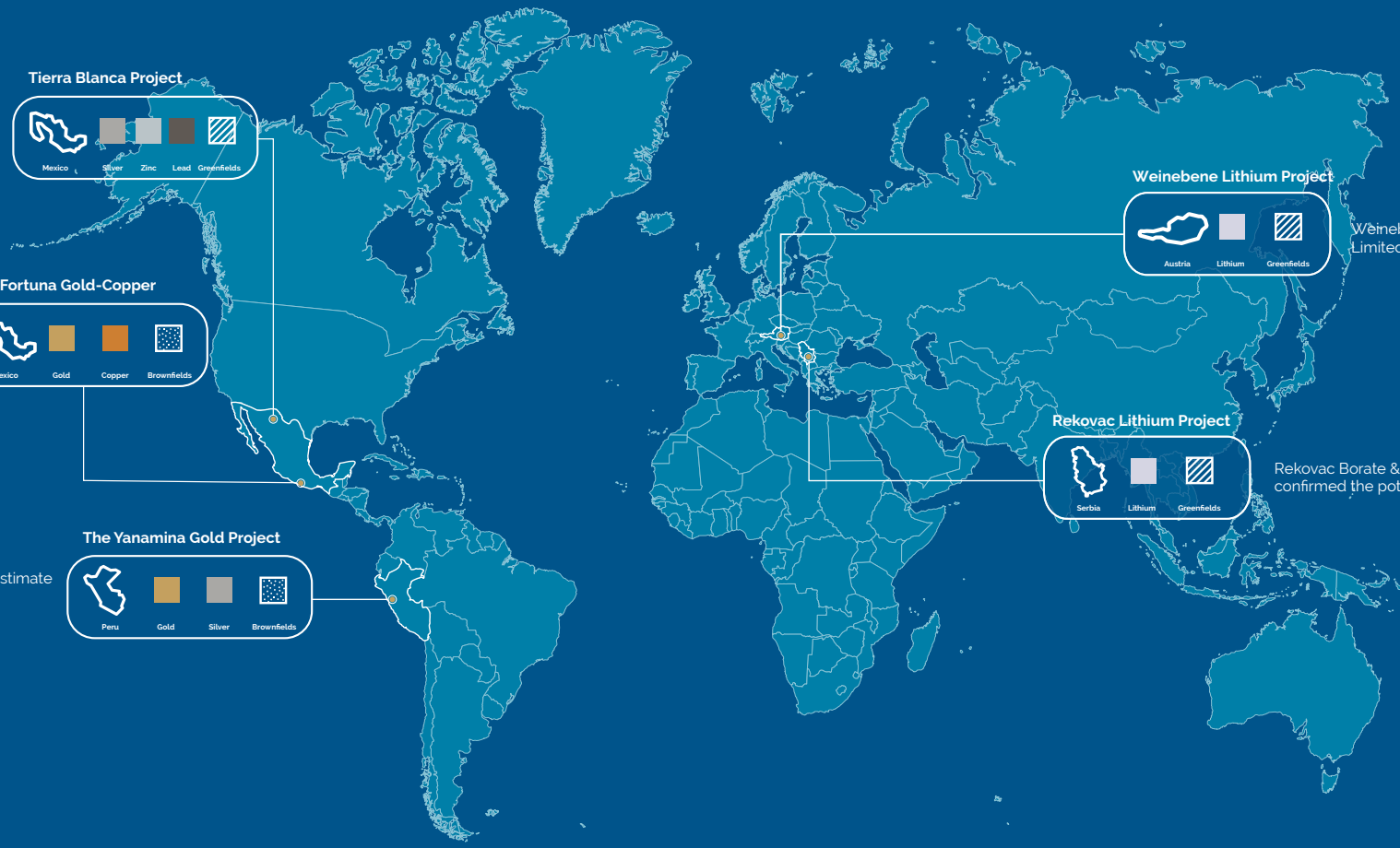

Tierra Blanca Silver-Gold Project - district surrounding Chihuahua is a significant silver producing region - District Historical Production of 50Mt at 310 g/t Ag, 8.2% Pb and 7.1% Zn2

La Fortuna Gold-Copper- Located in the prolific Guerrero Gold belt, which hosts several multi-million-ounce gold projects

Yanamina Gold Project - JORC 2012 Resource Estimate of 265koz oz of contained Au @ 1.23g/t Au, and 935koz oz of contained Ag @ 4.31 g/t Ag1

Weinebene Lithium – Surrounds European Lithium Limited's Wolfsberg lithium deposit with 11MT @ 1.0%Li2O

Rekovac Borate & Lithium – Recent drilling program confirmed the potential for a large mineral system

1. JDR ASX Announcement 10 Feb 2020- Maiden JORC 2012 Resource of 265,987ozs Gold and 934,528ozs Silver at Yanamina
2 Ryana Silver Presentation- https://reynasilver.com/presentations/GuiguiProject.pdf

Strategically Diversified Precious and Green Metal Explorer

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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

* FY's 2018-2020

Corporate Overview

An experienced team with a proven track record

Jadar Resources

Capital Structure

708M
Shares on issue

A$0.03
Shares price

$21M
Market Cap

~$3.7M
Cash

25M
Options ex @ $0.02[1]

10M
Management Performance Rights[2]

20M
Management Performance Rights[3]

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.

1 Expiry 31/5/2023
2 Expiry 23/12/2024
3 Expiry 15/1/2022

Yanamina

Peru | Gold | Silver | Brownfields

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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[1]
- The large majority of the resource outcrops or sub outcrops indicating the potential for a low strip ratio

Cut-off Grade	Indicated		Infered		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

1 JDR ASX Announcement 10 Feb 2020- Maiden JORC 2012 Resource of 265,987ozs Gold and 934,528ozs Silver at Yanamina

Yanamina

Peru Gold Silver Brownfields

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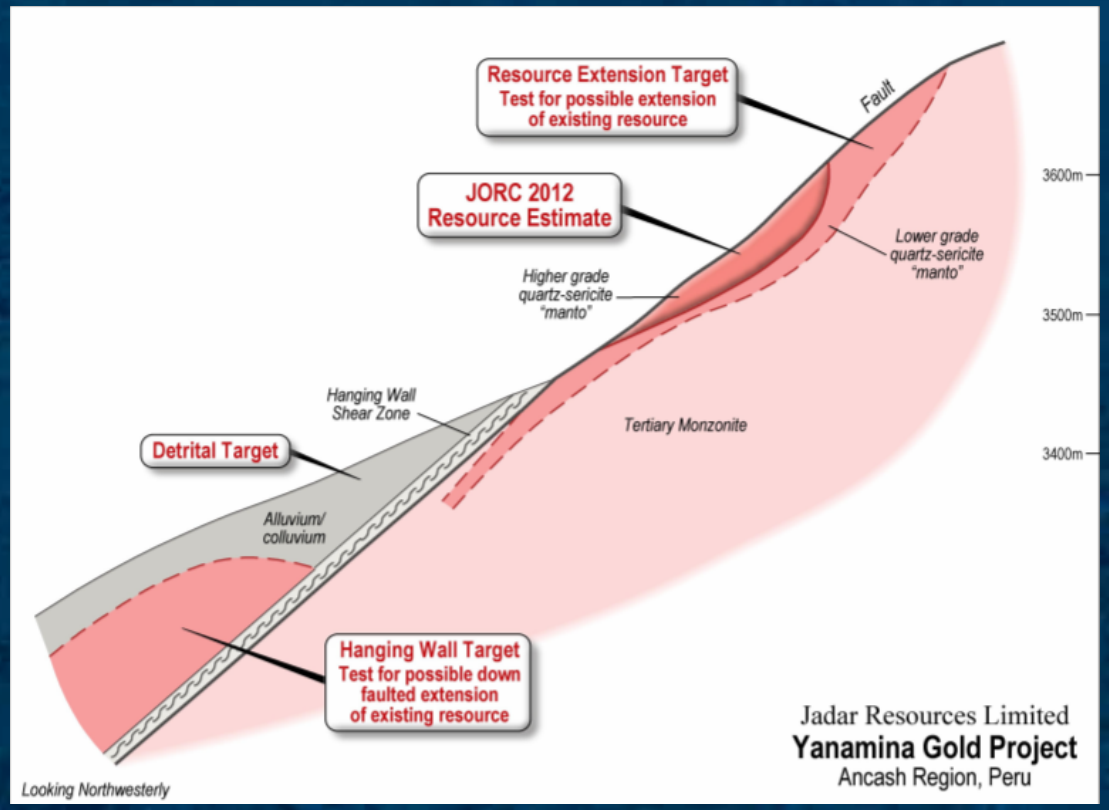

Cross Section View of Additional Exploration Targets

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

La Fortuna

Mexico | Gold | Copper | Brownfields

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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[1]
- 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[1].

Company	Project	Measured and Indicated Resources	Inferred Resources
Equinox Gold[2]	Los Filos/el Berjemal	9.8m oz at 0.93g/t Au	2.6m oz at 0.83g/t Au
Torex Gold[3]	Los Guajes/el Limon	3.03m oz at 3.39g/t Au	0.5m oz at 2.49g/t Au
Torex Gold[3]	Media Luna	1.3m oz at 3.27g/t Au	2.6m oz at 2.49g/t Au
Telson Mining[4]	Campo Morado	0.9m oz at 1/7g/t Au	46,000 oz at 1.32g/t Au
Alamos Gold[5]	Esperanza	1.08m oz at 0.98g/t Au	18,000 oz at 0.8g/t Au
Alio Gold[6]	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
6 Argonaut Gold company website- https://www.argonautgold.com/English/assets/development/Ana-Paula/default.aspx

La Fortuna

Mexico Gold Copper Brownfields

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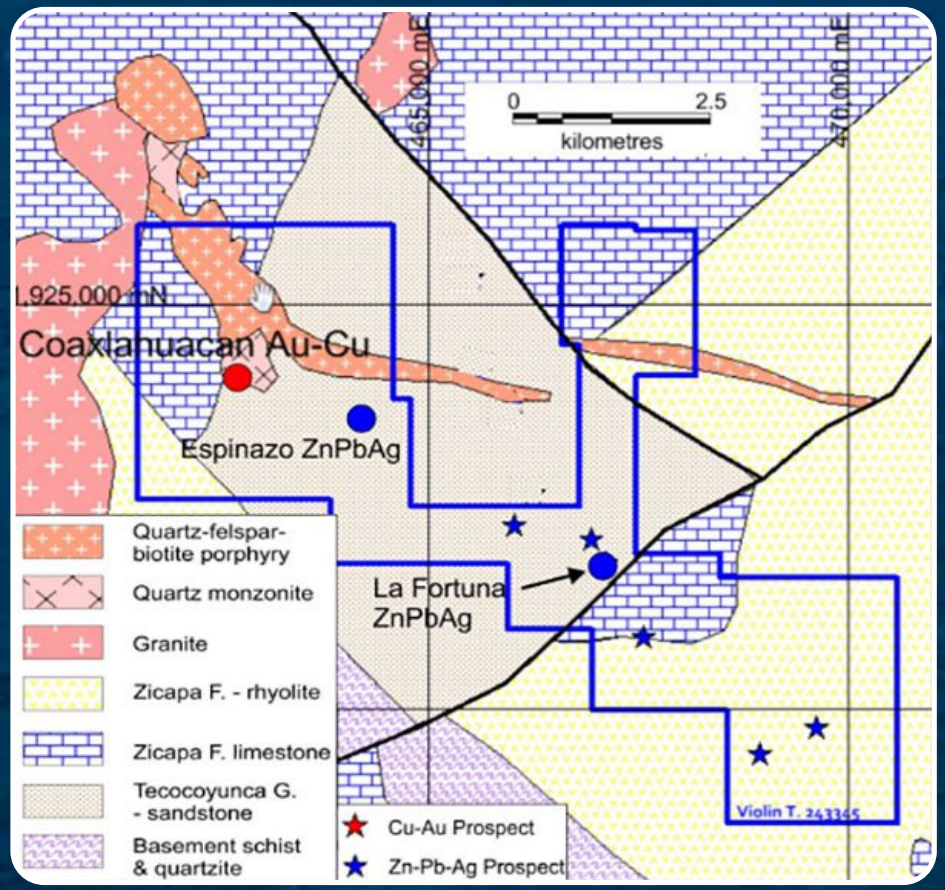

La Fortuna tenement area, geology and prospects

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

La Fortuna

Mexico | Gold | Copper | Brownfields

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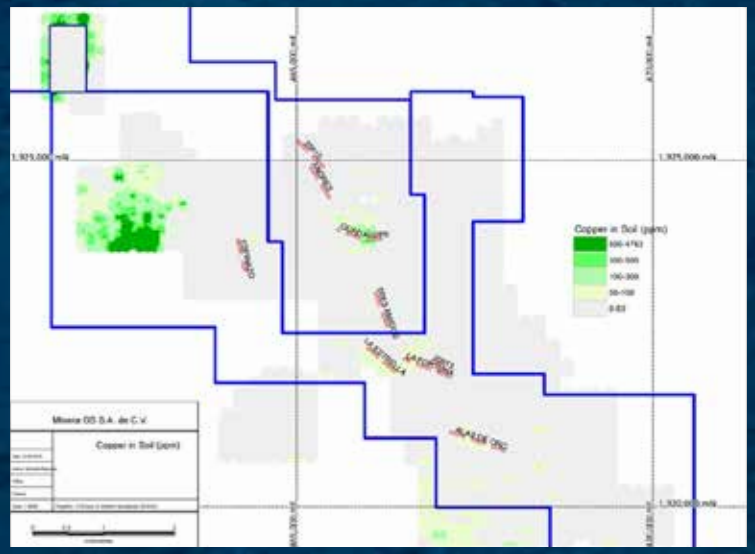
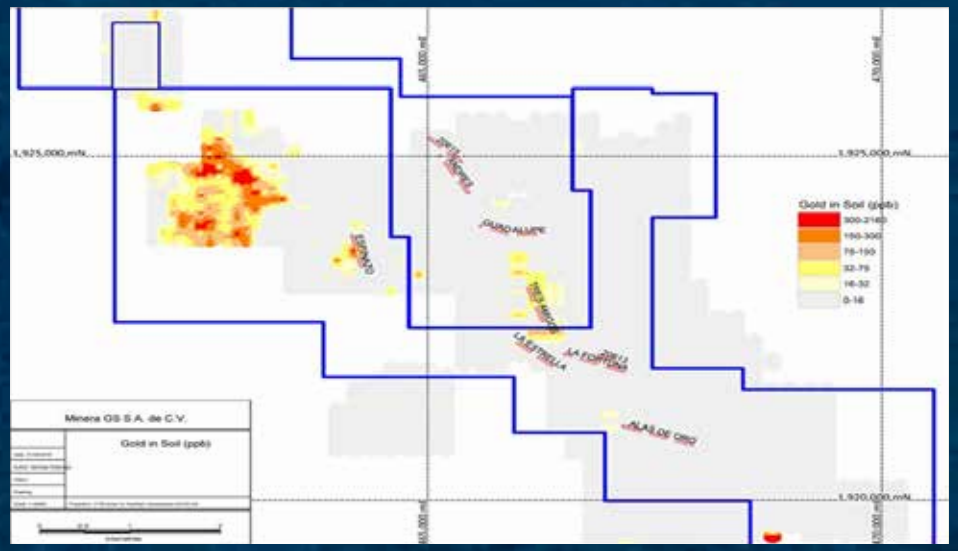
Coaxtlahuacan Prospect - Priority for immediate exploration focus



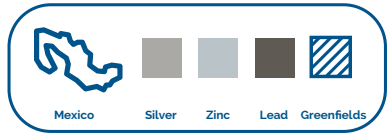
La Fortuna tenement area overlain with copper soil samples



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

Tierra Blanca



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Tierra Blanca tenement area, geology and prospects

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

- Option agreement secured with Pacific Advisory Pte Ltd to acquire Tierra Blanca Project[1]
- District Historical Production of 50Mt at 310 g/t Ag, 8.2% Pb and 7.1% Zn[2]
- 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

1 ASX Announcement 17 Nov 2020- Jadar Portfolio Grows with Acquisition of Tierra Blanca Project in Prolific Mining District
2 Ryana Silver Presentation - https://reynasilver.com/presentations/GuiguiProject.pdf

Tierra Blanca

Mexico Silver Zinc Lead Greenfields

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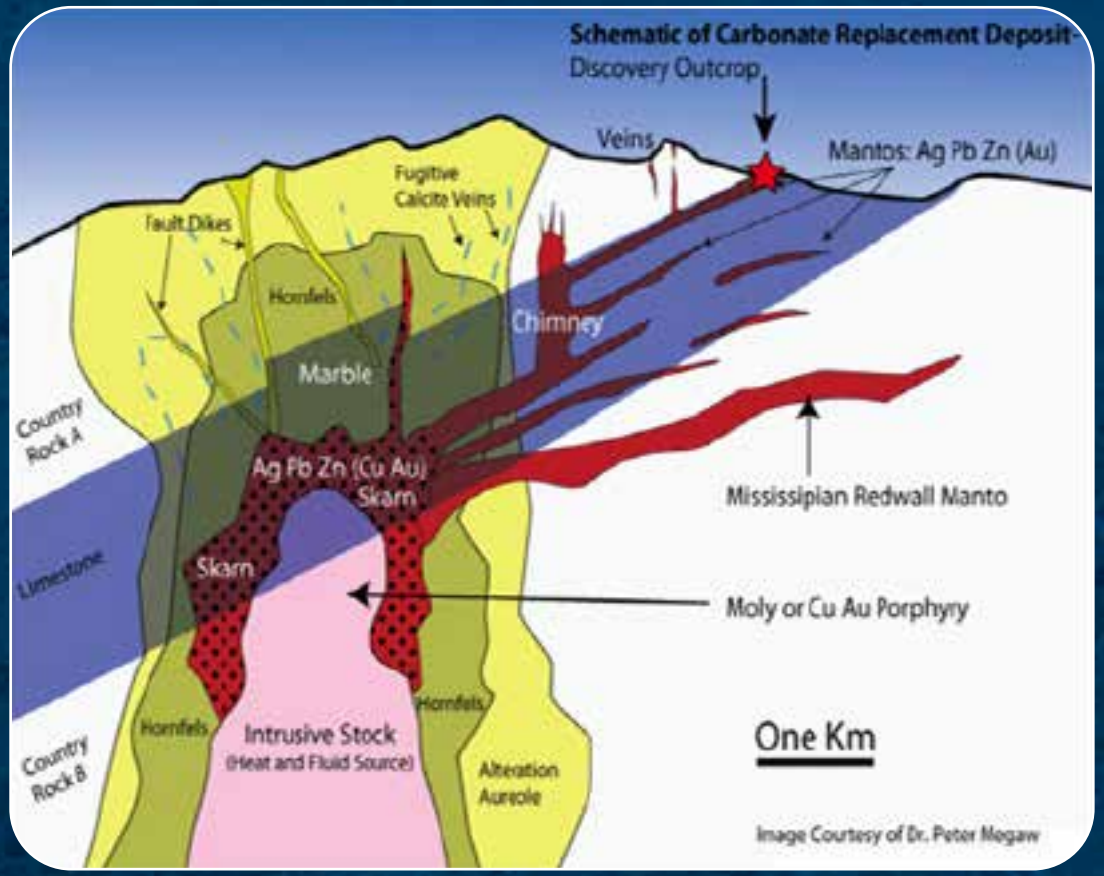

Typical Structure of a Carbonate Replacement Deposit

A Carbonate Replacement Deposit

- 40% of the 10 billion ounces of Silver produced in Mexico have been produced from CRDs[1]
- 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

1 JDR ASX Announcement 17 November 2020 - Portfolio Grows with Acquisition of Tierra Blanca Project

Rekovac

Serbia | Lithium | Greenfields

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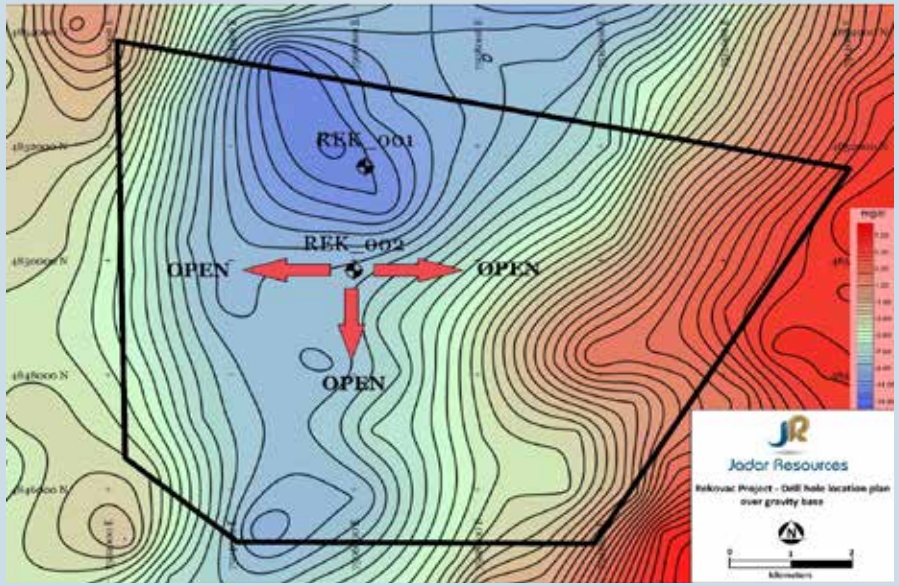
Potential to host a large mineral system



- 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) B2O3 from 51.5m[1]
- 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[2]

1 JDR ASX Announcement 20 May 2020 - New Discovery of Borate and Lithium Mineralisation Intersections at Rekovac Project
2 RIO ASX Announcement 10 Dec 2020 - Rio Tinto declares maiden Ore Reserve at Jadar

Weinebene

Austria | Lithium | Greenfields

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Weinebene Location Map

Surrounding European Lithium Limited's Wolfsberg lithium deposit

- Sixty overlapping licenses covering 27.52 km^2
- Rock chips and soil sampling undertaken in the area to-date have identified numerous spodumene bearing pegmatites with up to 3.39% Li2O[1]
- Commencement of maiden stratigraphic diamond drill hole in Austria[2]
- 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 Weinebene – Wolfsberg Project Area of Austria
2 JDR ASX Announcement 25 Nov 2020 -

Other Projects

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Austria
(80% JDR)

Eastern Alps Satellite Project

- Eight project areas covered by 75 overlapping licenses (total 36.63 km^2) [1]
- Identified numerous spodumene bearing pegmatites with very high lithium values up to 3.88% Li2O (average 1.54%) [1]
- 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

Serbia
(100% JDR)

New opportunity

- Applied for additional blocks of exploration licenses [2]

1 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
2 JDR ASX Announcement May 20, 2020 - New Discovery of Borate and Lithium Mineralisation Intersections at Rekovac Project

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January 2021

Investor Presentation