Jadar Resources

An Innovative Green
METALS EXPLORER

ASX:JDR

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Compliance Statement

This presentation contains information relating to a Mineral Resource in respect of the Yanamina Project extracted from an ASX market announcement dated 10 February 2020 and reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("2012 JORC Code"). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed.

This presentation contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" ("2012 JORC Code") and available for viewing at www.jadar.com. JDR confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

ASX announcements are as follows:

Weinebene Project – 19 February 2019, 11 May 2021 and 30 September 2021

Khartoum Project – 9 February 2021, 30 March 2021 and 26 October 2021;

Tierra Blanca Project –17 November 2020 and 27 May2021

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

STRATEGICALLY DIVERSIFIED

Precious and Green Metal Explorer

Lithium

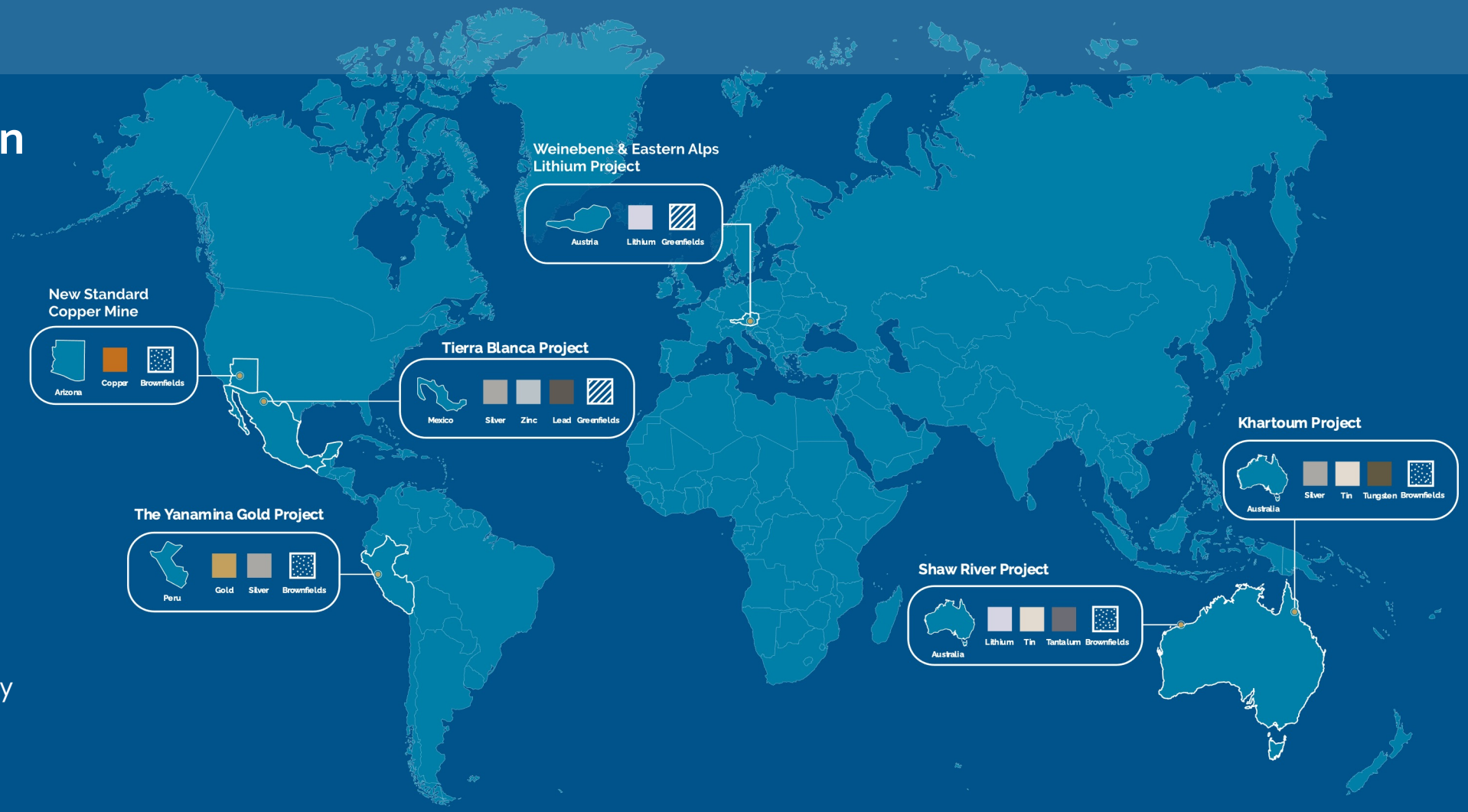
- Rapid resurgence of lithium price as global EV adoption materialises
- Essential mineral for EV batteries

Copper

- Vital metal for the upcoming global electrification
- Stagnating copper mine supply

Tin

- Critical technology metal
- Supply related issues exposed by Covid-19



CORPORATE OVERVIEW

An experienced team with a proven track record

CAPITAL STRUCTURE

771M
Shares on issue

~$3.0M
Cash

A$5.8M
Liquid Investments[1]

A$10M
Drawdown facility

$30M
Market Cap

A$0.039
Share Price

79M
Options [2]

20M
Management Performance Rights[3]

[1] 22% interest in ASX:BMM @ 3/11/2021 close price of A$0.58
[2] 25M @$0.02 Expiry 31/5/2023 and 54M @ $0.045 Expiry 31/8/2024
[3] Expiry 15/1/2022

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.

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.

Lynette Suppiah – Non-Executive Director

- Involved in the base metals and commodities trading industry for over 10 years .
- Understands the whole spectrum of commodities trading including negotiating and hedging contracts and trading of the physical commodities

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.

Alastair Bauer – Exploration Manager, Australia

- highly experienced senior manager, with a successful career spanning over 8 years
- Extensive experience in managing mining operations and has completed several major expansion projects and mine restarts from initial project development and planning through to execution.

Jim Malone - Non-Executive Director

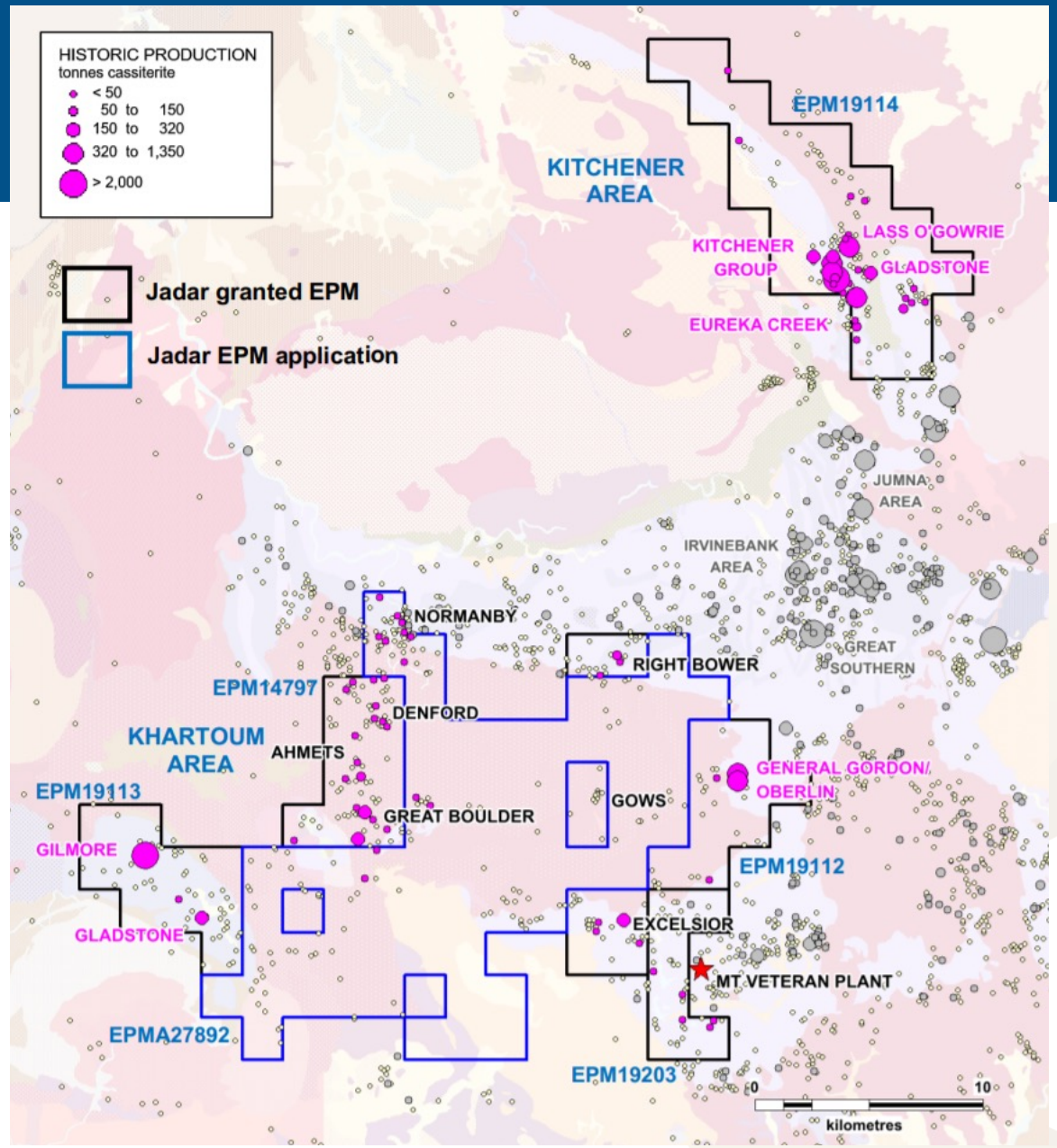
- Over 30 years' experience in the mining, resources, financial, broking and sporting industries.
- Worked in Perth, Melbourne, London, Santiago, Lima and New York.
- Raised over A$300 million in equity and debt for ASX listed companies since 2001.

KHARTOUM PROJECT

Tin, Silver & Tungsten

Outcropping Tin-Greisen Mineralisation With Historic Significance

- Project favourably located approximately 100km South-West of Cairns city
- Numerous historic mines and tin occurrences within tenements with only a few prospects drill tested
- Currently compiling all historic data and prioritising targets for immediate work
- Several walk-up drill targets already identified.
- Mt Veteran tin processing plant, recently upgraded in late 2019, located adjacent to Khartoum tenements.

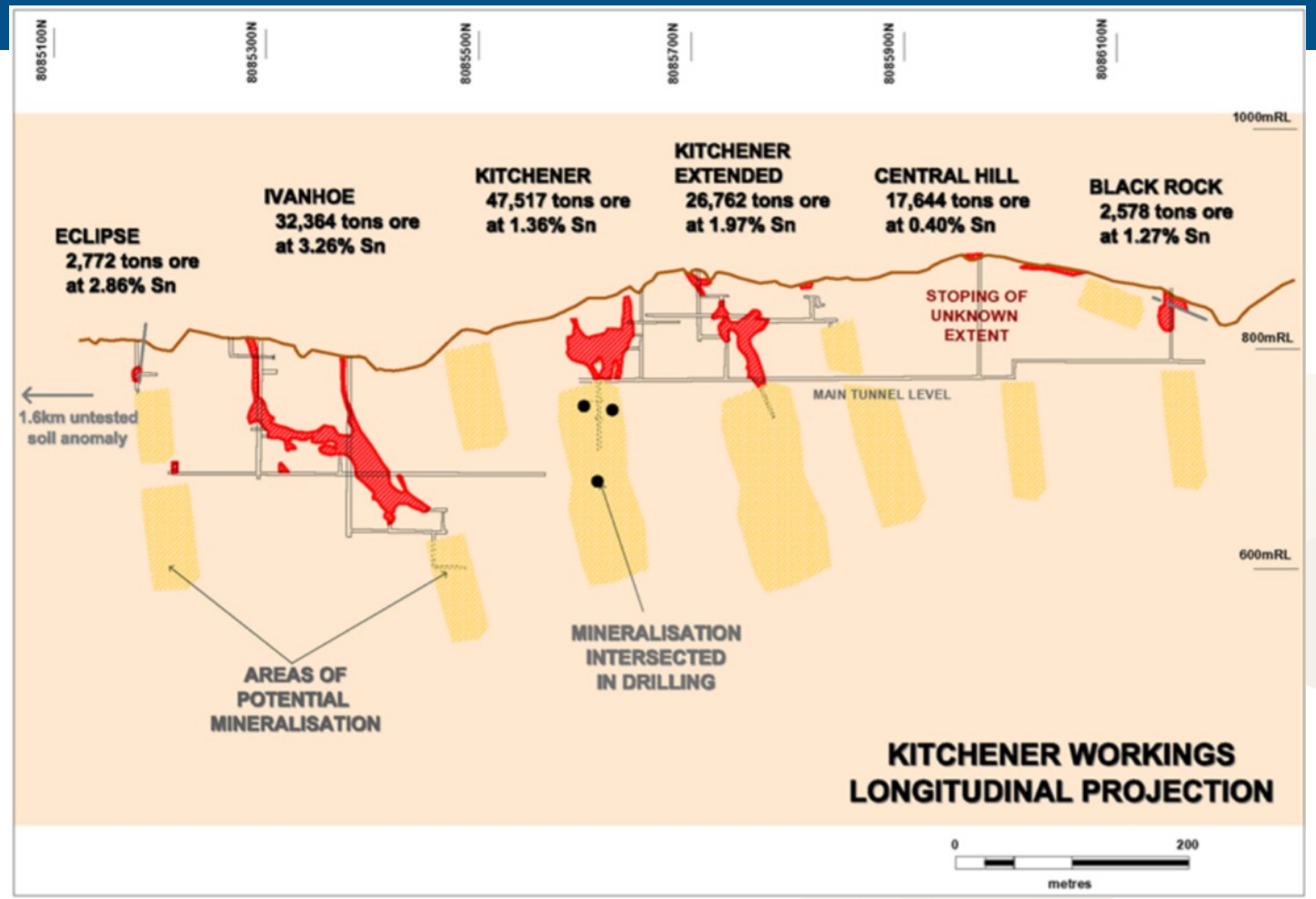


KHARTOUM PROJECT

Tin, Silver & Tungsten

Kitchener Group of Mines

- 1.3km trend of historic mines
- Bulk of tin production came from a single lode, extending from Eclipse Mine to You and Me Mine
- Presents compelling drill targets for exploration
- Potential for shallow high-grade mineralisation, indicated by historic drill results, including [1]:
  - **15m at 0.52% Sn** from 18m and **12m at 1.0% Sn** from 44m – Hole WYM01
  - **22m at 0.65% Sn** from 10m – Hole WYM05
  - **11m at 0.62% Sn** from 19m – Hole WYM06



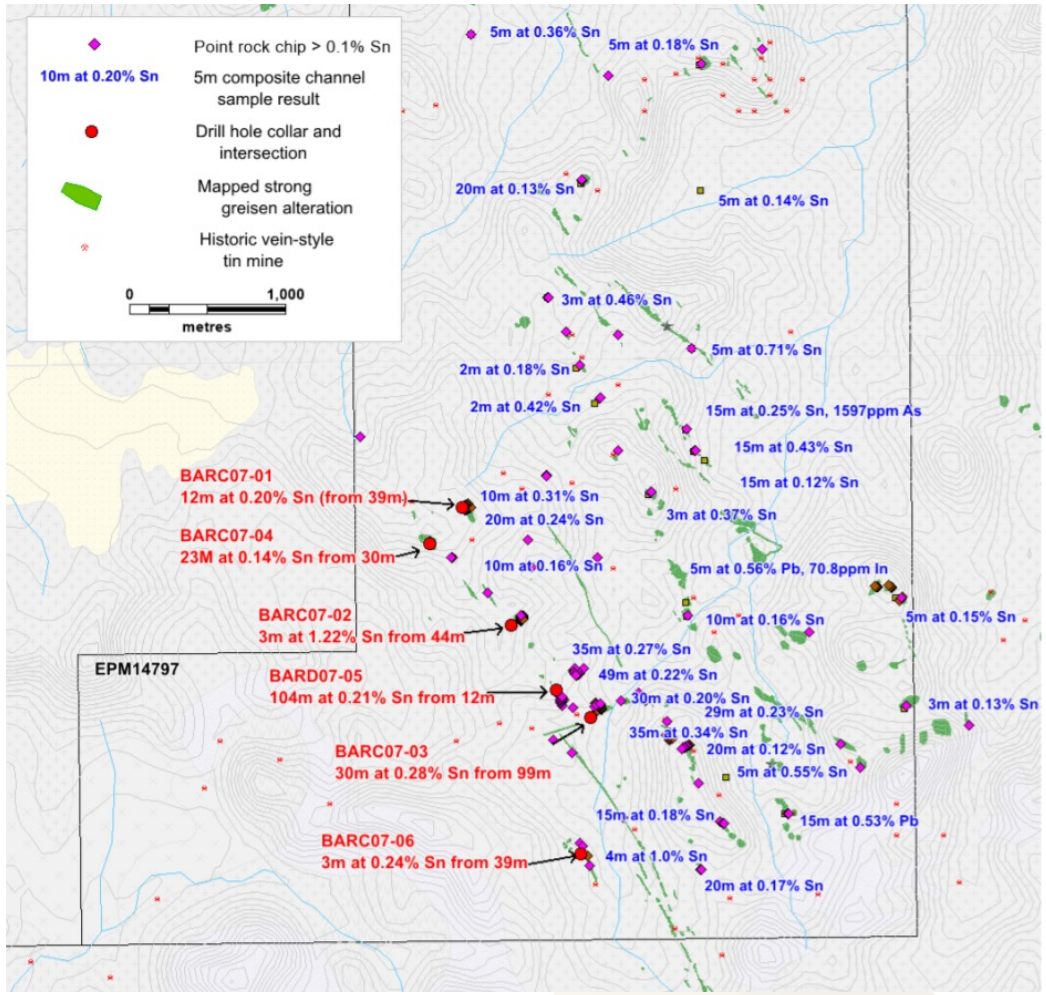
[1] ASX Announcement 30 March 2021: Due Diligence Completed and Moving Towards Settlement of Khartoum Tin-Silver-Tungsten Project

KHARTOUM PROJECT

Tin, Silver & Tungsten

Drill Program Planned[1]

- Drill program will focus on further delineating previous significant tin (Sn) intercepts
- Previous significant intercepts have had no follow up work, including:
  - BARD07-01: **12m at 0.2% Sn** from 39m
  - BARD07-02: **3m at 1.22% Sn** from 44m
  - BARD07-03: **4m at 0.11% Sn** from 82m, and 30m at 0.28% from 99m
  - BARD07-04: **23m at 0.14% Sn** from 30m
  - BARD07-05: **104m at 0.21% Sn** from 12m
- Drilling planned for December 2021
- Early-stage reconnaissance field trip has been conducted and confirmed immediate access is available with minimal work



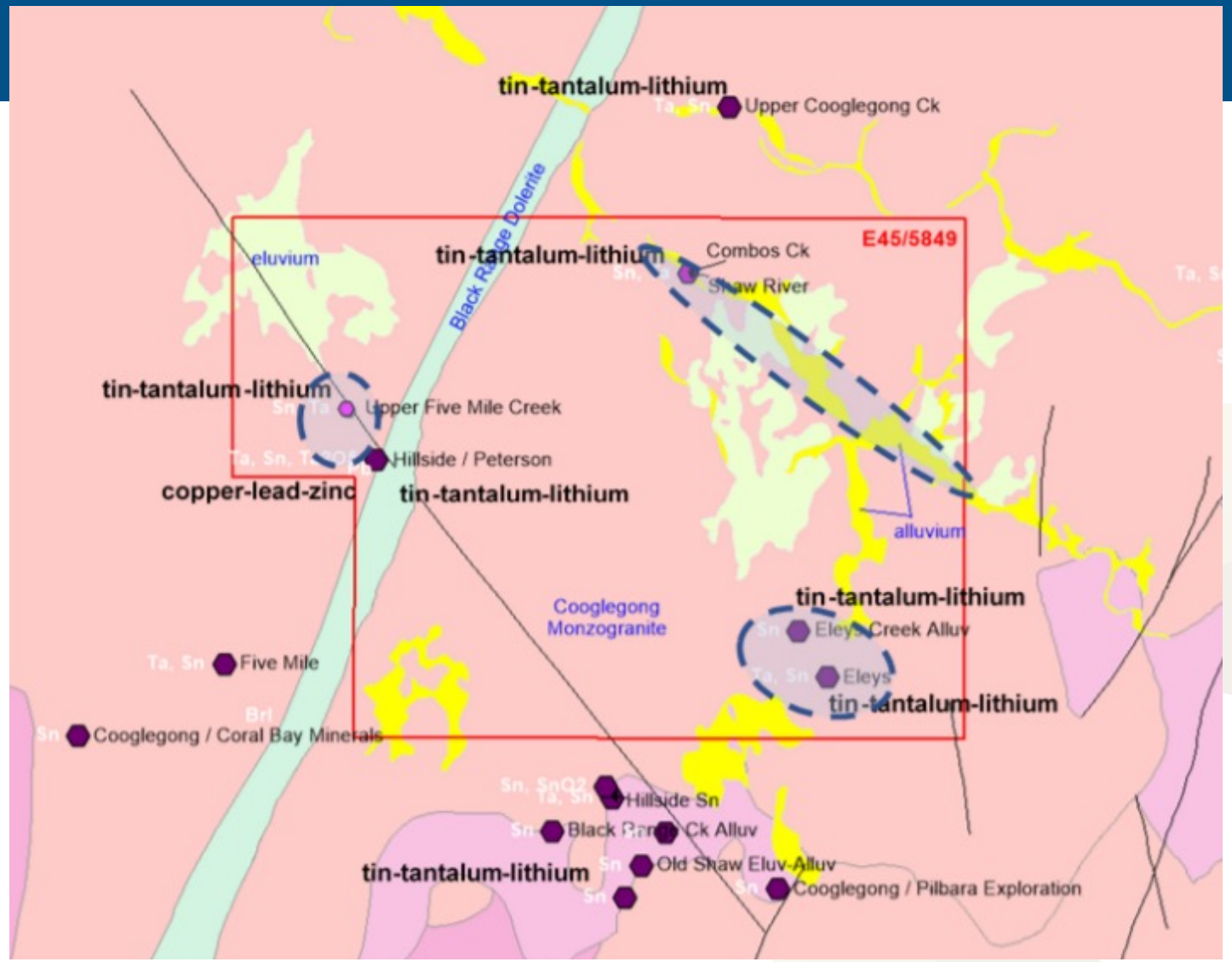
[1] ASX Announcement 26 Oct 2021 -Field Work and Drilling Program Planned for Khartoum Project

SHAW RIVER

Lithium, Tin & Tantalum

Tin-Tantalum Mineralisation With Pegmatite Occurrences In Pilbara

- Located 220km from Port Headland and 70km from Marble Bar
- 70km² tenement, which covers several areas of historic tin-tantalum workings
- Strategically located within 80km radius of three major lithium developments. Wodgina Mine, Pilgangoora Mine and Marble Bar Lithium Project
- Initial field-work completed with 50 line-kilometers covered identifying numerous pegmatites, some up to 15m wide
- A total of 31 rock-chip samples taken and are awaiting assay results

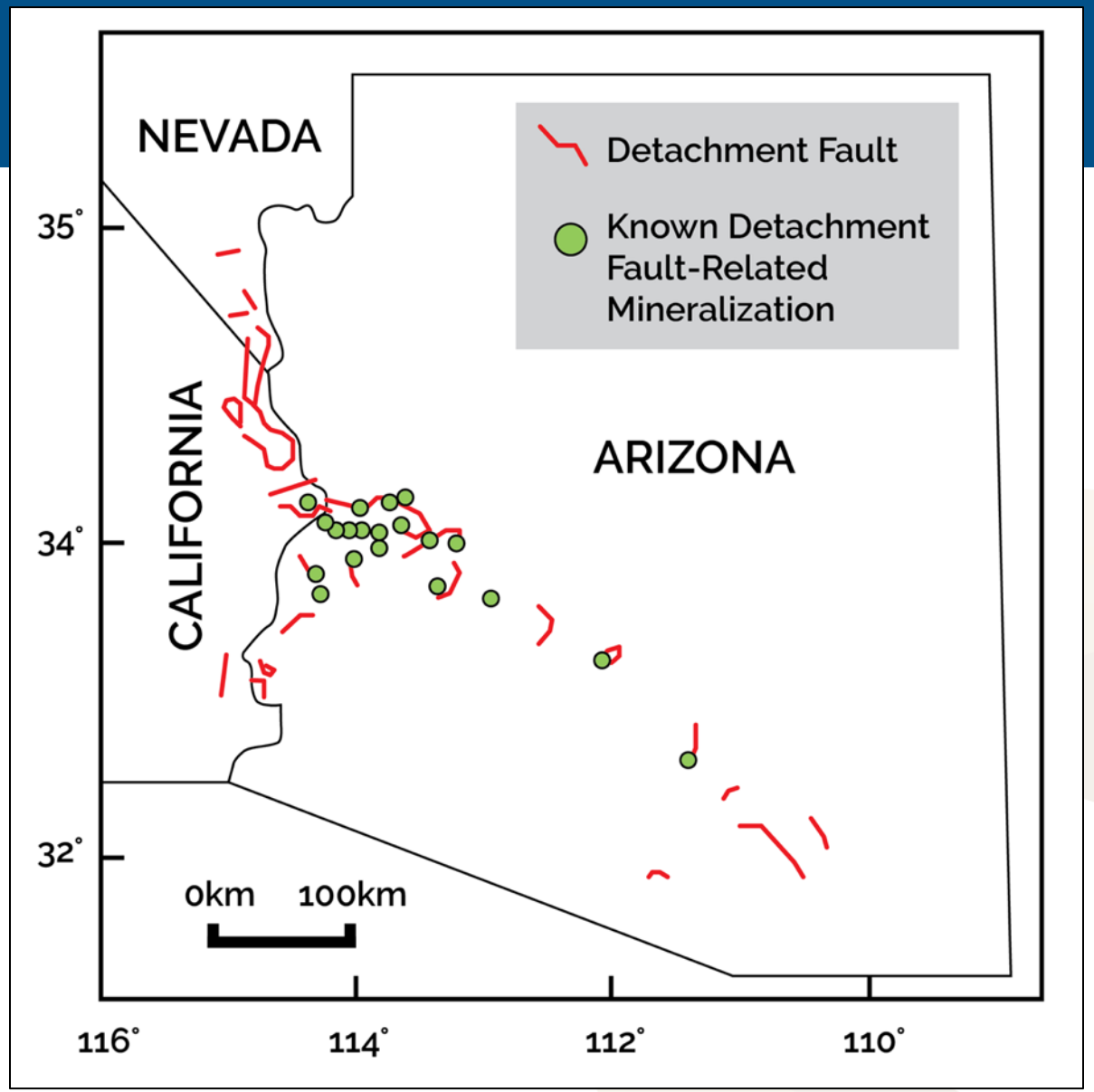


NEW STANDARD

Copper Mine

Prolific Mining District With Strong Copper Mineralisation, Arizona.

- Outcrops of old small scale mining workings mapped over 1,500m strike
- No modern exploration methods has been undertaken
- Mapping, sampling and geophysics to completed first before rapidly drill testing
- Jadar has inspected old workings and observed high-grade copper mineralisation
- Strategically located to quality infrastructure



WEINEBENE

Surrounding European Lithium Limited's Wolfsberg Lithium Deposit

- Sixty overlapping licenses covering 27.52 km²
- Collaboration Agreement with European Lithium (ASX:EUR)
- Establishment of Technical Advisory Committee to enhance projects with potential economies of scale and an ability to leverage relationships in Europe
- Collaborating with EUR technical team to co-ordinate the proposed drilling program for the extension of the Wolfsberg Mine[1]
- Rock chips and soil sampling undertaken in the area to-date have identified numerous spodumene bearing pegmatites with up to 3.39% Li_2O[2]

Weinebene Location Map

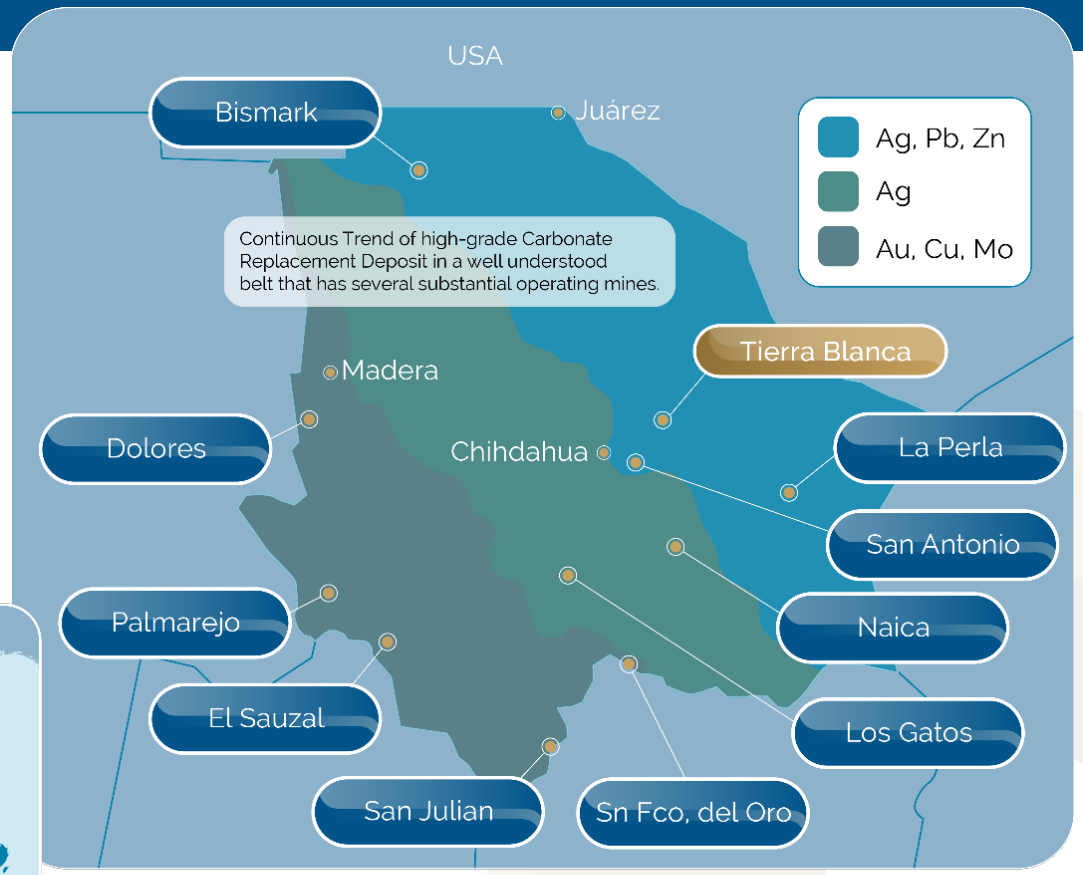
[1] JDR ASX Announcement 11 May 2021 Jadar Enters into Collaboration Agreement with European Lithium to Progress Austrian Lithium Projects & JDR ASX Announcement 30 Sep 2021 - Austrian Lithium Project's Proposed Drilling

[2] JDR ASX Announcement 19 Feb 2019 - Initial Soil Sampling Work done on the Weinebene – Wolfsberg Project Area of Austria

TIERRA BLANCA

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



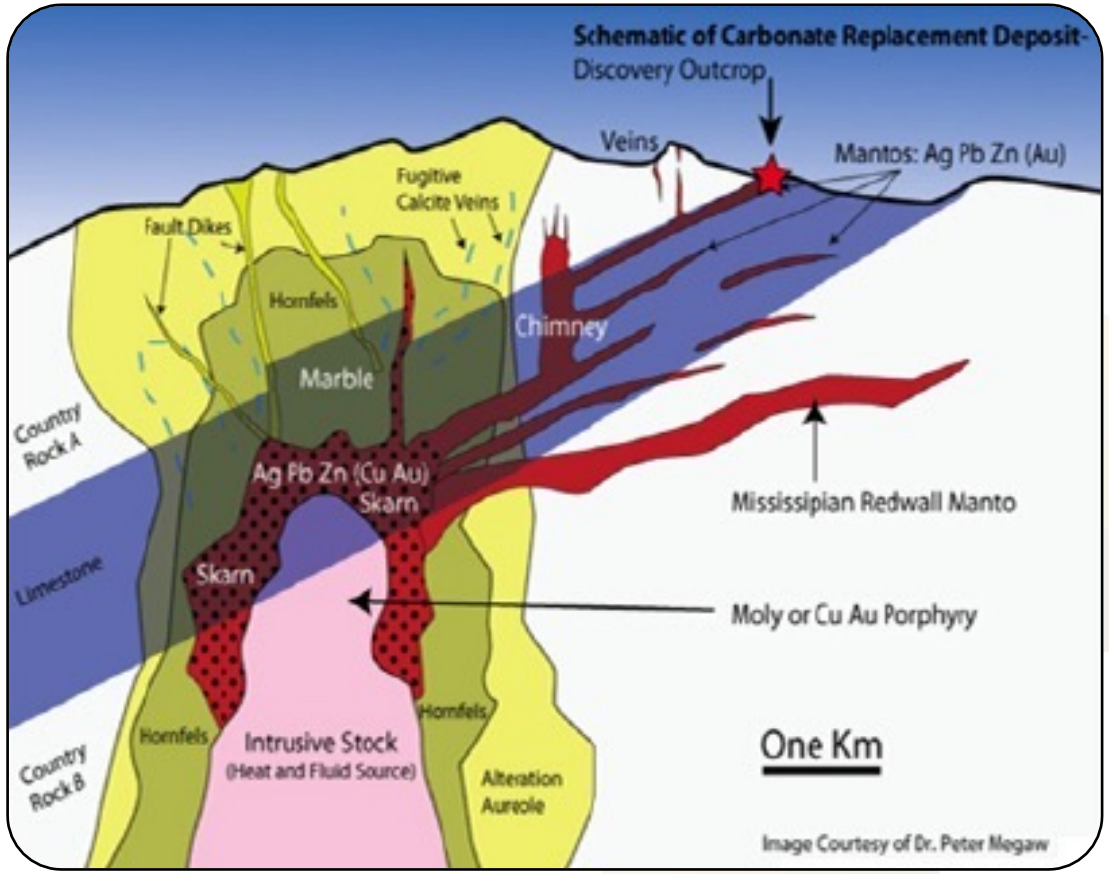
Tierra Blanca tenement area, geology and prospects

[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

Carbonate Replacement Deposit

- 40% of the 10 billion ounces of Silver produced in Mexico have been produced from CRDs[1]
- Comprehensive Land Use Agreement signed with surface rights owner that will allow mining operations to occur
- Channel sampling programme completed returning high-grade results:[2]
  - ENU-02: **1.1m @ 13.05% Pb, 27.9 g/t Ag and 0.11% Zn**
  - ENU-03: **1.4m @ 20% Pb, 91.1 g/t Ag and 0.12% Zn**
  - ENU-06: **2.0m @ 9.40% Zn, 1.49% Pb and 4.44 g/t Ag**
  - ENU-07: **2.4m @ 17.60% Zn, 0.63% Pb and 4.82 g/t Ag**
- Follow up 1,500m diamond drilling campaign planned, designed to test downdip extensions to the breccia pipe



Typical Structure of a Carbonate Replacement Deposit

[1] JDR ASX Announcement 17 November 2020 - Portfolio Grows with Acquisition of Tierra Blanca Project
[2] JDR ASX Announcement 27 May 2021 – High Grade Channel Sampling Results Received from Tierra Blanca Zinc-Lead –Silver Project

YANAMINA

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

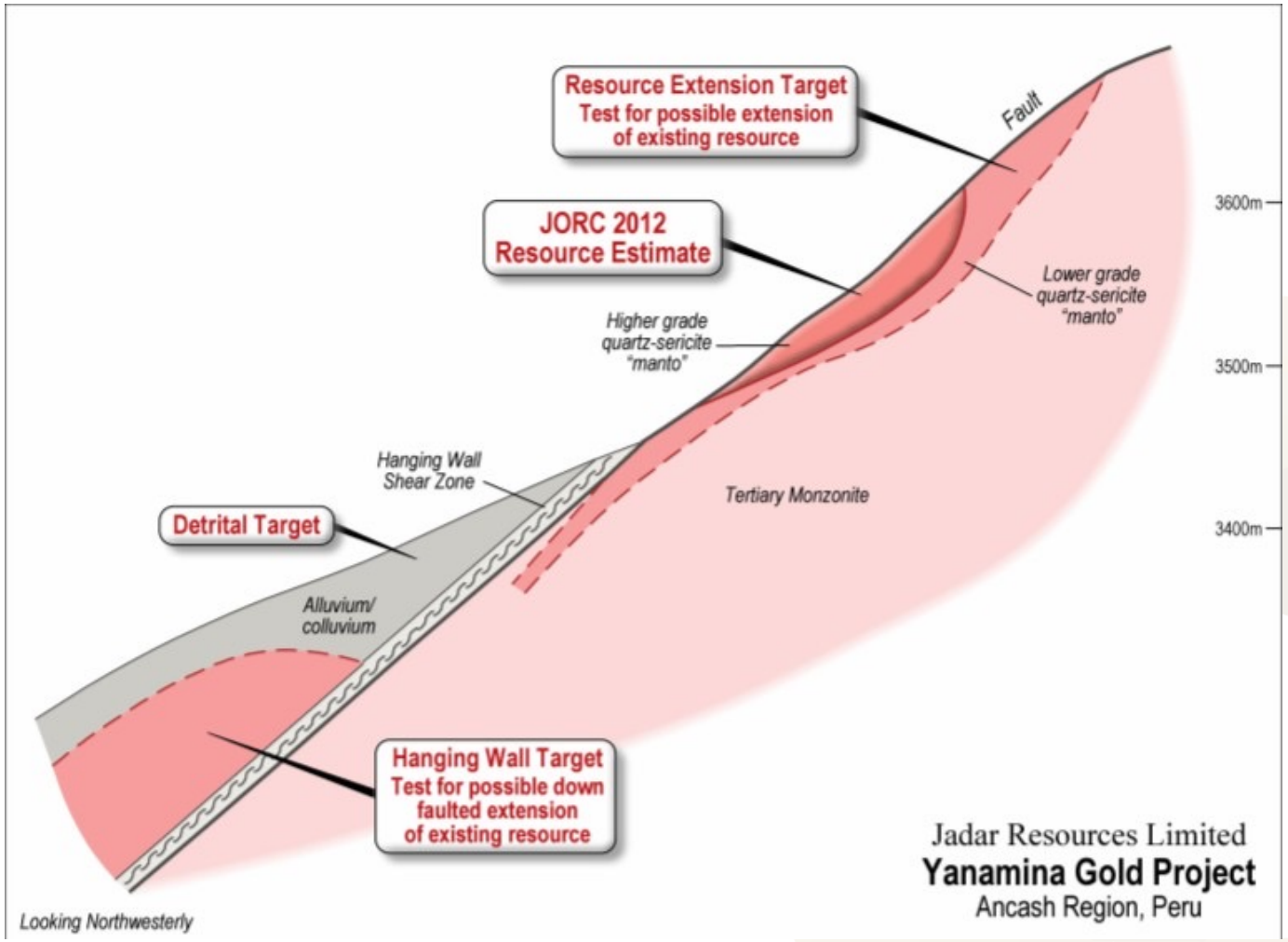
Cut-off Grade	Indicated		Inferred		Total	
g/t	Tonnes	Au g/t	Tonnes	Au g/t	Tonnes	Au g/t
0.5	2,790,620	1.35	3,951,640	1.14	6,742,260	1.23

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

YANAMINA

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

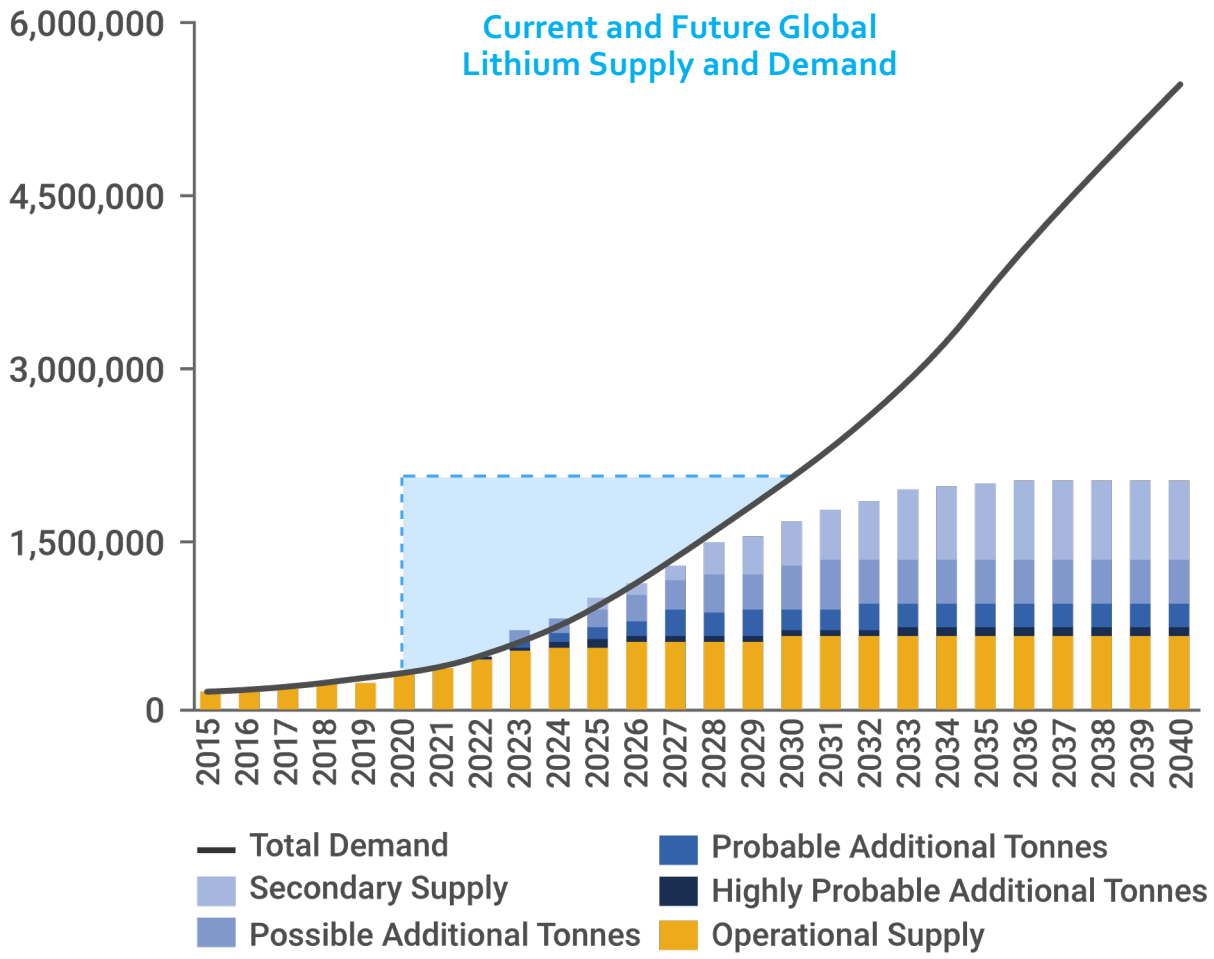


LITHIUM

Market set to move into a structural deficit from 2025 onwards

Lithium production must quadruple between 2020-2030 to meet growing demand.

Equates to 345,000 tonnes of lithium in 2020 to **2 million tonnes by 2030.**[1]

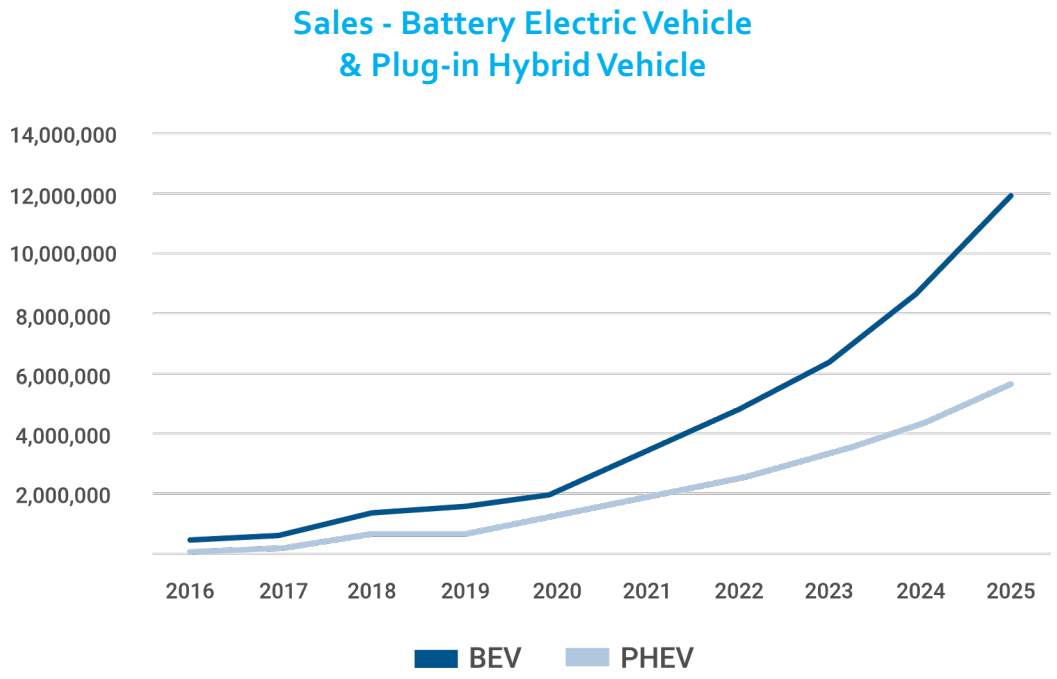


[1] www.fastmarkets.com – Lithium supply and demand to 2030

Source: Benchmark Minerals Lithium Forecast

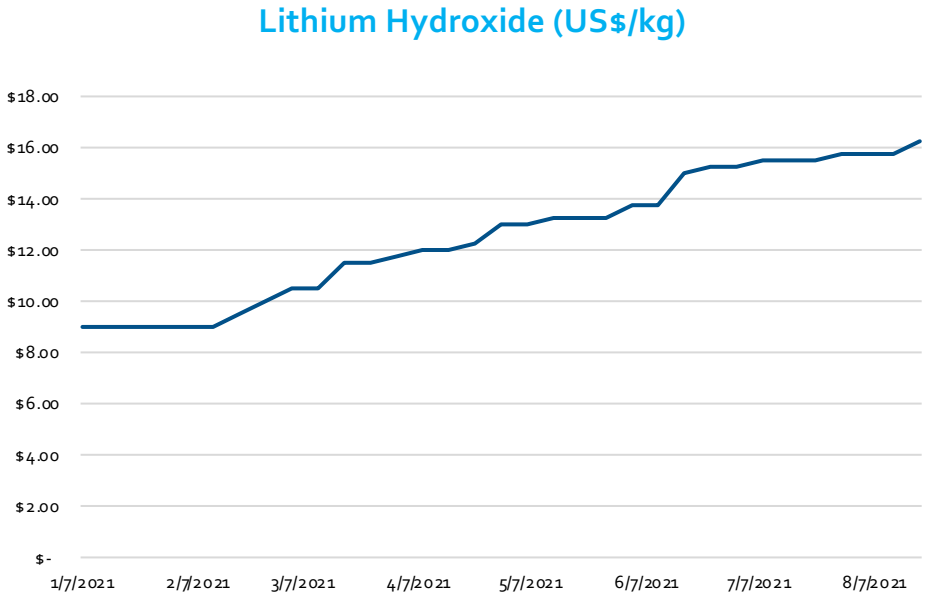
LITHIUM

Electric Vehicle sales growing with penetration predicted to reach 15% in 2025 and is expected to rise to 35% by 2030



Source: Fast Markets

EV sales rose 50% year over year to exceed 3 million units in 2020 pushing prices higher



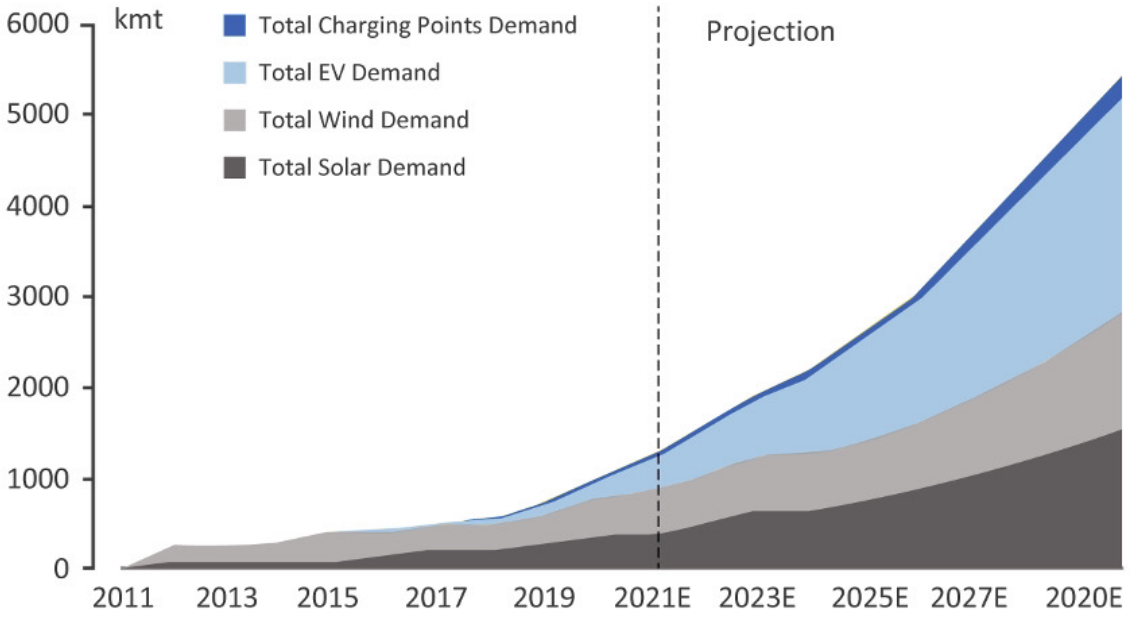
Data complied August, 2021
Source; Fastmarkets.com

COPPER

- Looming copper supply deficit
- Exponential growing demand from green electrification will increase copper demand significantly
- Global refined copper demand to rise 31% by 2030[1]
- Copper is a key metal required for the global electrification movement

	2006 - 2014	2014 - 2020	Change
New Mine Additions	5.5	5	-9%
Brownfield Reserve Additions	21	8	-62%
Production	-12	-13	8%
Net Reserve Additions	15	0	-100%

Reserve Changes per year (mm t)[2]



Source: Woodman, Goldman Sachs Global Investment Research

[1] www.kitco.com - Global refined copper demand to rise 31% by 2030 – report
[2] Source: Geohring & Rozencwajg – Natural Resource Commentary Q1 2021

TIN

- Critical technology metal, used to connect computer chips to circuit boards
- Increase demand for electronic goods as a result of Covid-19, creating a favourable pricing environment
- Covid-19 pandemic has also impacted key tin-producing countries like Indonesia and Malaysia, resulting in lockdowns and output curtailments

Tin Price Chart [1]

[1] www.lme.com

OUR SUSTAINABILITY PLAN

Environment, sustainability and governance central to Jadar's core strategy

Sustainability Pillars

1. **Health and Safety** - Safety is fundamental to the responsibility we have towards maintain a healthy workforce. Our practices and strategies are focused upon providing a safe and effective workplace and supporting our employees, suppliers and contractors to take ownership and responsibility for the safety and health of themselves and others.

2. **Climate Change** - Playing a role in the rapid transition to a green economy globally by supporting the development of battery materials used in applications such as the electric vehicle (EV) market.

3. **Environment** - Applying leading exploration techniques to promote efficiency, safety and minimise overall environmental impacts. We are committed to meeting or exceeding environmental performance requirements outlined in the relevant state and Federal legislations in the countries we operate.

4. **People, Culture & Community** - Attracting, developing, training and retaining a diverse, inclusive, and skilled workforce that meets our needs.

5. **Indigenous Partnerships** - Partnering with our local and host communities to share value through the creation of local jobs and business opportunities. We are committed to supporting indigenous stakeholders and respecting human rights in all the regions we operate.

6. **Economic Sustainability** - Generating economic growth and value for our shareholders, employees, contractors and communities through the drilling, discovery, definition and development of battery minerals

WHY INVEST?

Exposure to Green Energy Metals

Strategically acquiring projects with a focus on green energy metals.

Globally significant projects in reliable jurisdictions.

Driven management team with proven success

Committed to sustainable practices