



Company Update

January 2021



ASX:JRL



Corporate

Share Capital (ASX: JRL)	44.8M
Share Price (29/01/2021)	A\$1.66
Unlisted Options (40c,50c, \$1.00)	8.0M
Market Cap (29/01/2021)	A\$74.2M
Cash/Liquids (31/12/2020)	A\$4.0M

Major Shareholders

L G Dudfield	30.7%
Kale Capital Corporation Pty Ltd	5.0%
Teck Australia Pty Ltd	4.6%
Grandor Pty Ltd	4.0%
Pillage Investments Pty Ltd	3.6%

Board/Management

Chairman	Justin Mannolini
Executive Director	Lindsay Dudfield
Executive Director & Company Secretary	Trish Farr
Chief Executive Officer	Karen Wellman

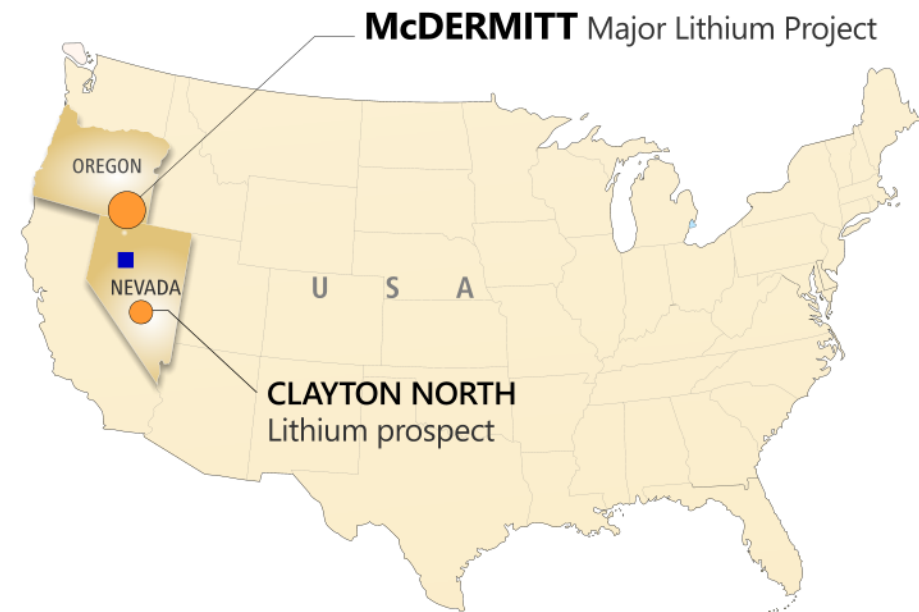
A public company with the primary objective of creating wealth for shareholders through the discovery of world-class mineral deposits

Share Price ASX: JRL



Share Price as at 29/01/2021

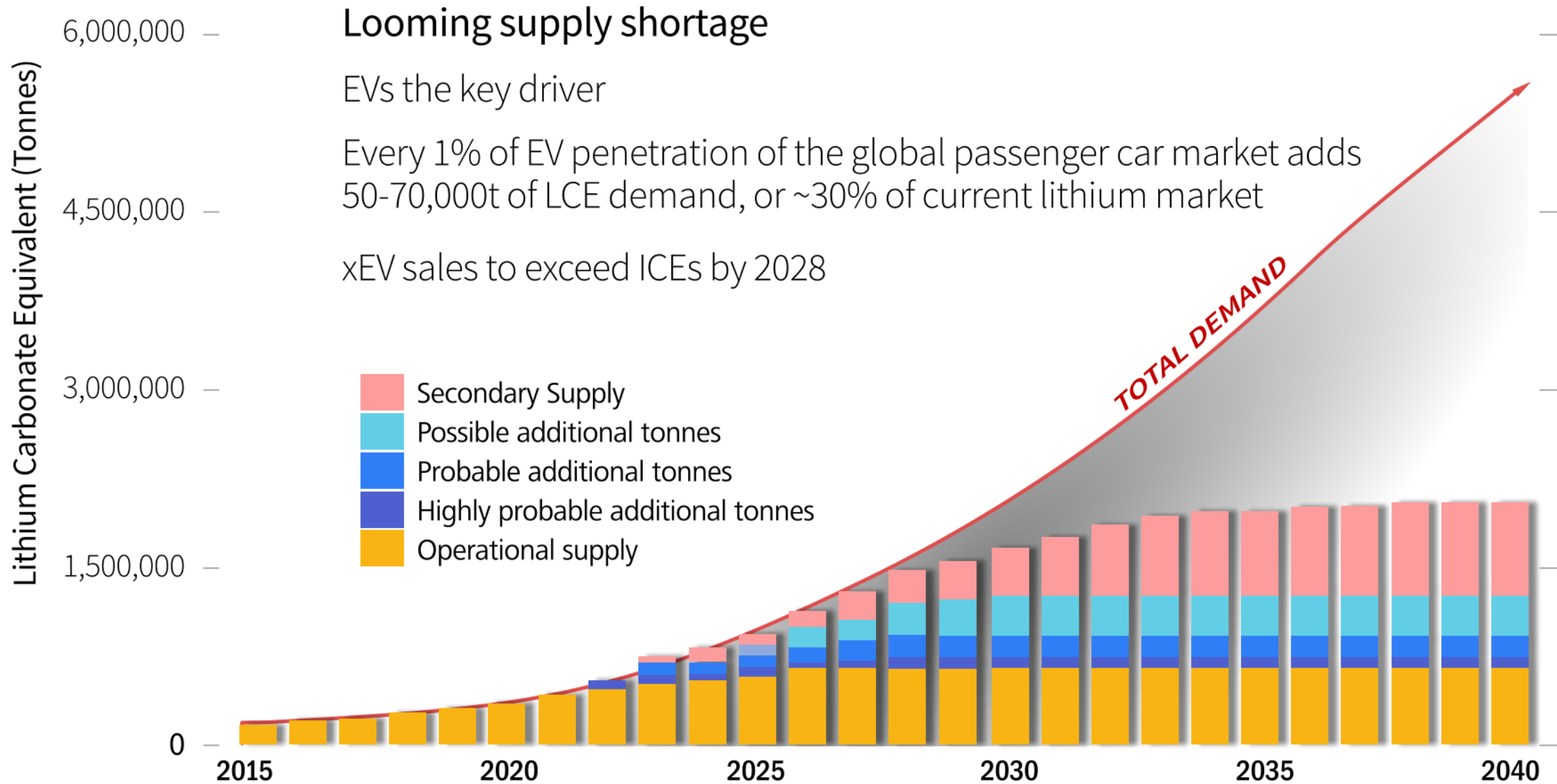
Strategic Project Exploration Australia and US



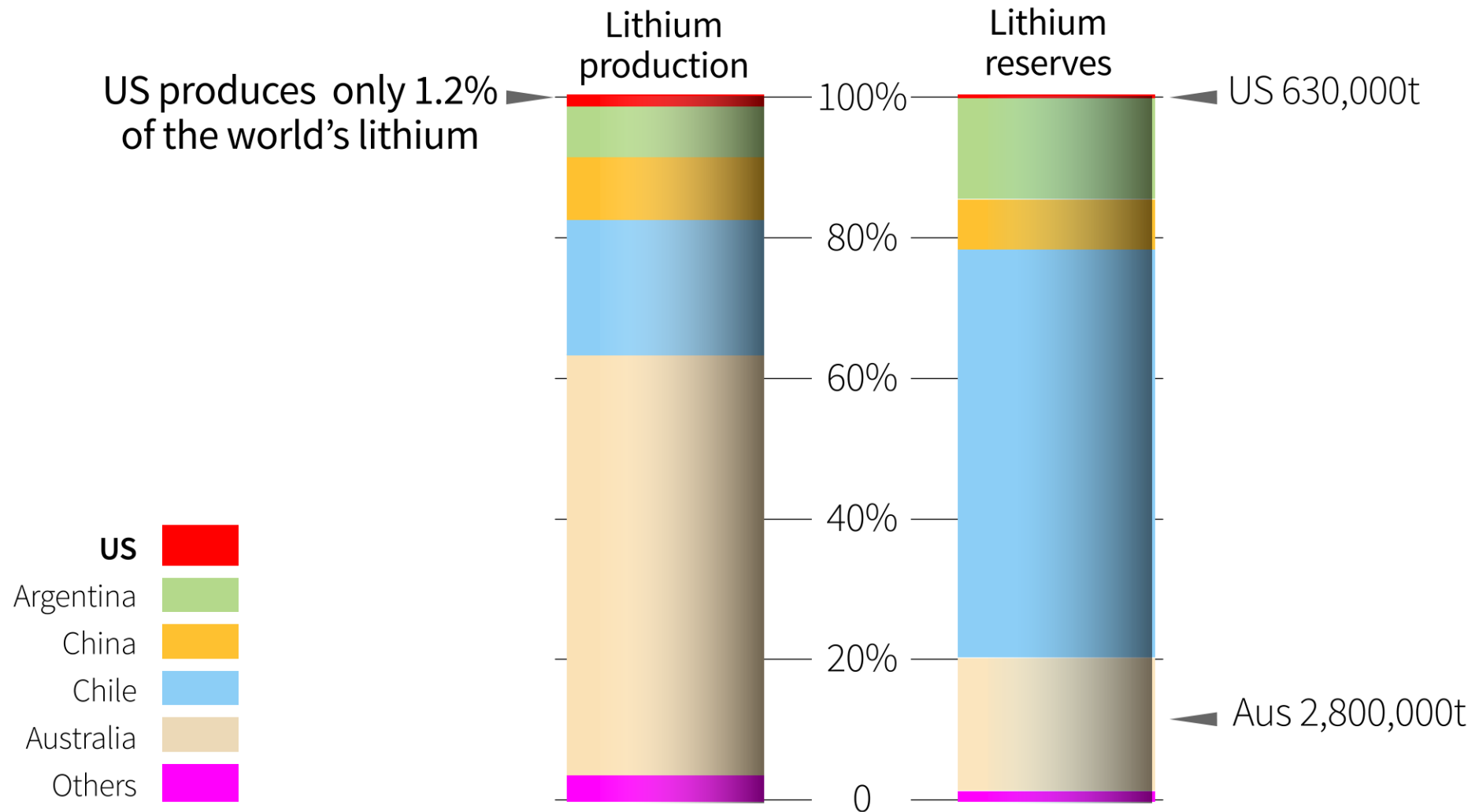
Strong, diverse portfolio of 100% JRL owned projects
Potential for Gold, Nickel, Lithium, Magnesite and Iron Ore
Strategic investments in Uranium, Nickel, Gold & Copper

Substantial McDermitt Lithium project
Inferred mineral resource with huge upside
Strong Government support for large Lithium deposits
Tesla's localisation of cathode production in US highlights strategic value of McDermitt

Lithium Supply / Demand



US reliance on imported lithium



Source: Bloomberg

Biden's election very positive for US Lithium



Focussed attention on reducing carbon emissions via renewables - EVs and energy storage the key drivers

Lithium demand expected to increase significantly to meet emissions targets with uptake of Li-ion batteries for EVs and energy storage

Biden has pledged **Zero Emissions** by 2050

\$US2 Trillion spend on **EV infrastructure** and other carbon reduction projects

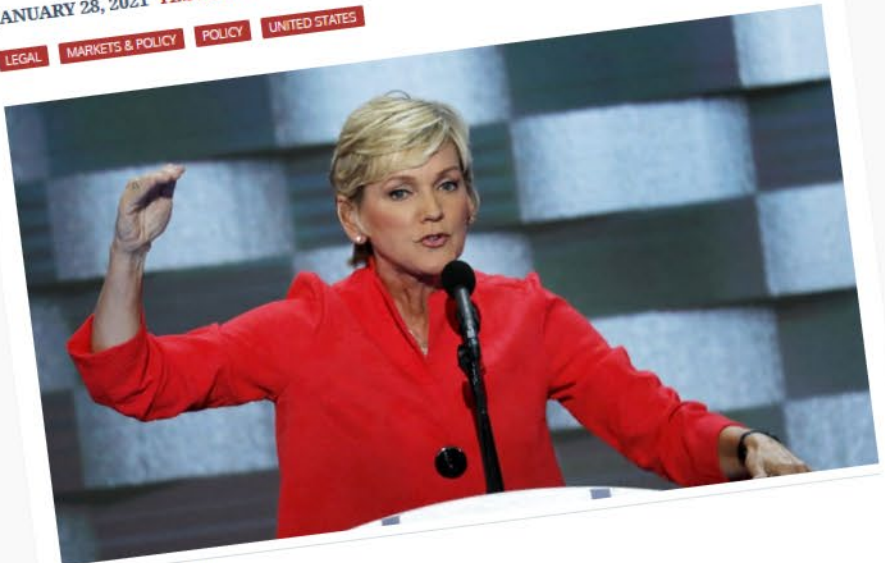
Bi-partisan support for development of **US critical mineral projects** including lithium

Granholt focuses on jobs and clean tech in DOE confirmation hearing

Former Michigan Gov. Jennifer Granholt told a Senate confirmation hearing that she wants to use her role as Energy Secretary to bring cleantech jobs to the US, achieve net-zero carbon emissions by 2050, and invest in tech through DOE loan programs.

JANUARY 28, 2021 **TIM SYLVIA**

LEGAL MARKETS & POLICY POLICY UNITED STATES

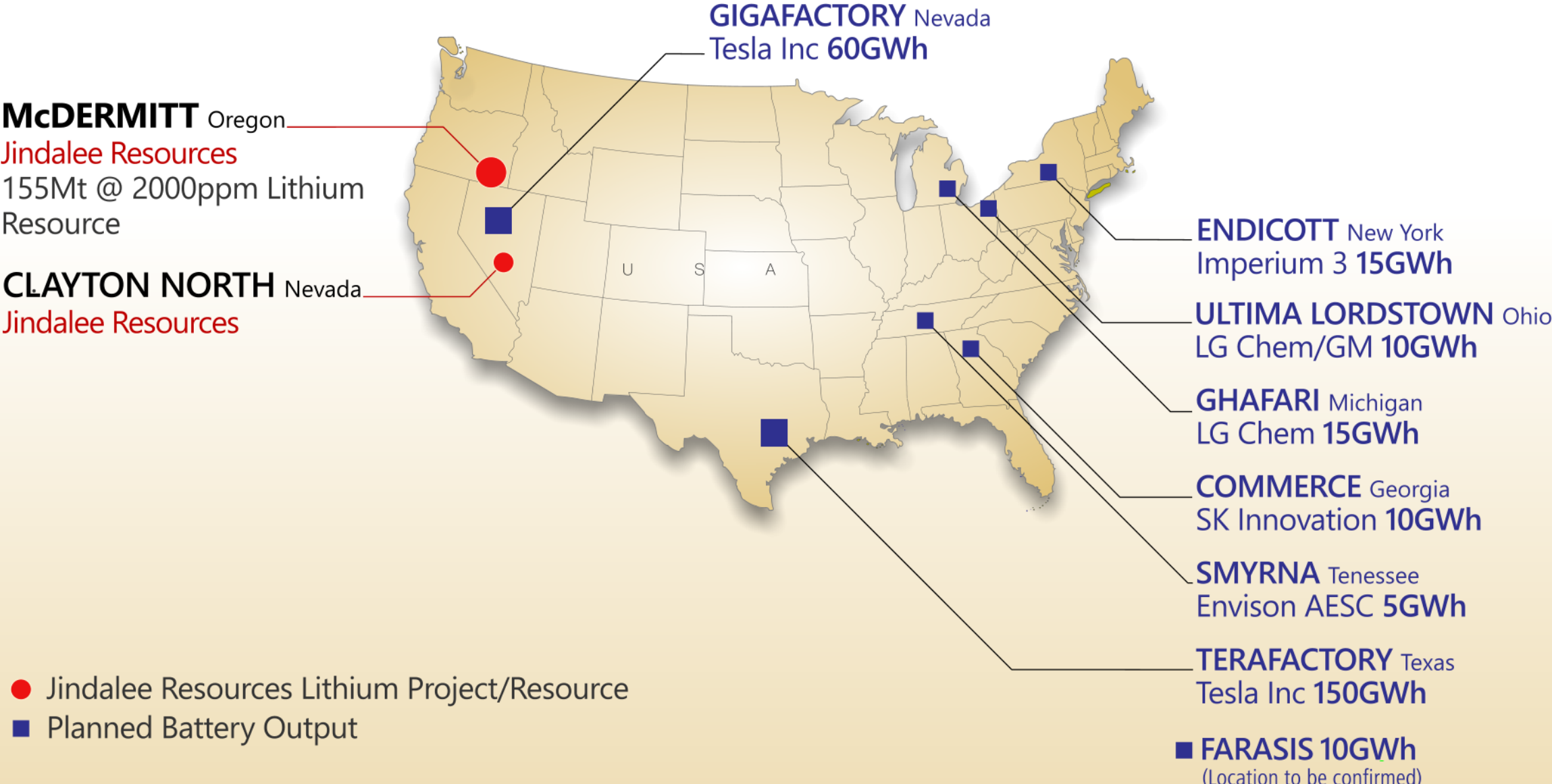


Jennifer Granholt

“We can buy electric car batteries from Asia, or we can make them in America.”



Jindalee US Lithium Projects and Major Battery Production



US is gearing up for New Energy Revolution



Terafactory Texas



Ultium Lordstown



Moss Landing Energy Storage California

US currently **imports almost all lithium** and is vulnerable to supply chain disruption

Reaction?

US is planning for the **New Energy Revolution** with large operating/expansion & construction of new battery factories

Tesla is moving to source and refine its lithium from **local deposits**; other auto makers will follow

Large sediment hosted deposits like **McDermitt (JRL)** have the potential to make the US **self-sufficient** in lithium

Jindalee US Lithium

Two lithium projects in the US

McDermitt - Oregon. Jindalee's US flagship project
Priority resource development

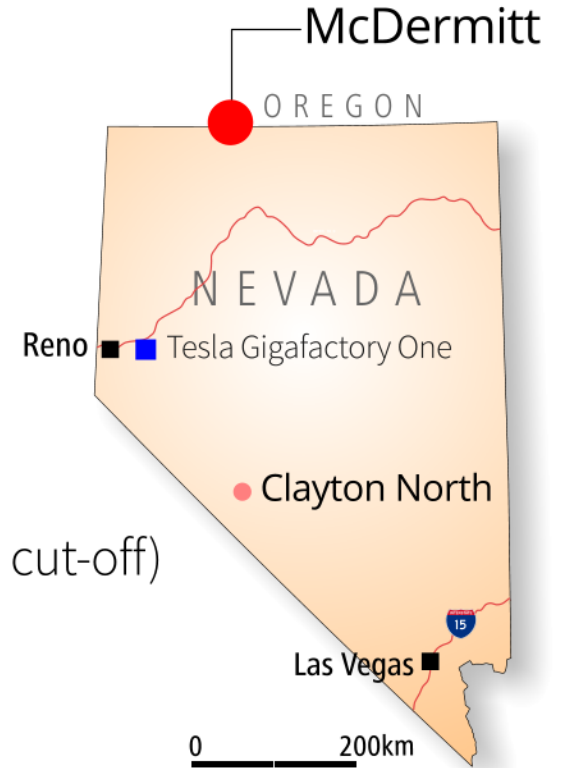
Clayton North - Nevada. Pre-exploration planning

McDermitt:

Maiden Inferred Mineral Resource: **155 Mt @ 2,000 ppm Lithium** (1,750ppm Li cut-off)

One of the largest Lithium deposits in the US - 34km² (13miles²) claims area

Potential for long life - low cost mining operation. Value proposition



Development of McDermitt resource could make US self sufficient in Lithium

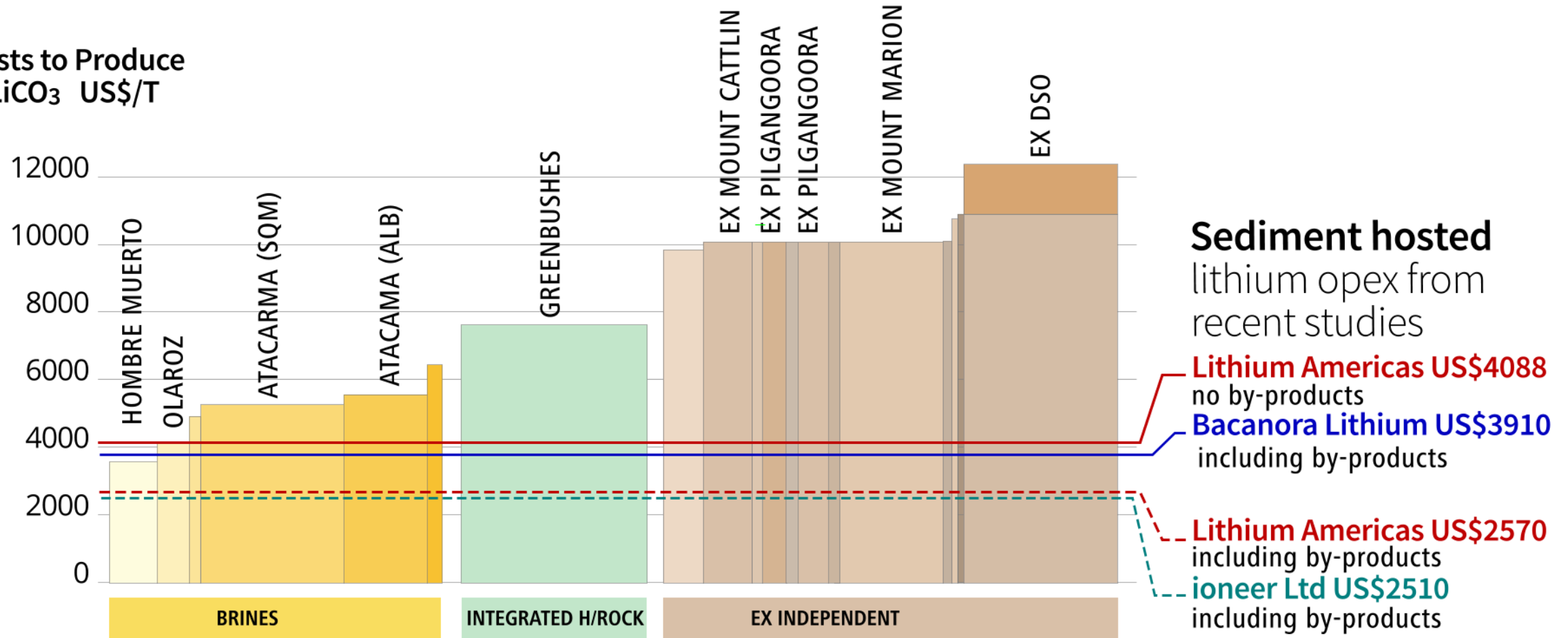
Refer ASX release, 19/11/2019, "Maiden Lithium Resource at McDermitt"

Refer ASX release, 13/11/2019, "Material increase to exploration target confirms McDermitt as one of the largest lithium deposits in the US"

Why Sediment Hosted Lithium Deposits

Long life, low cost sources of battery chemicals

Costs to Produce
LiCO₃ US\$/T



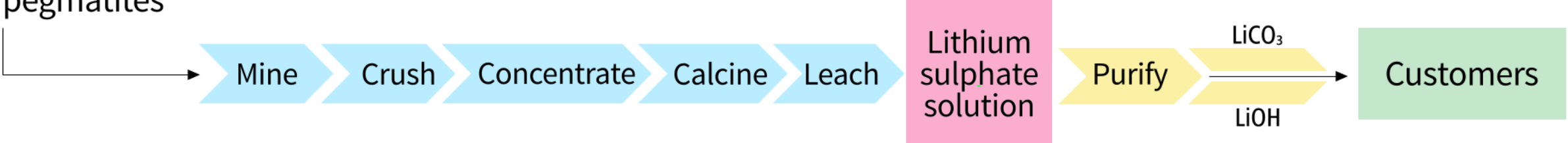
Sources: Canaccord 30/10/2018 and company reports

Sedimentary Deposits short cut to lower costs

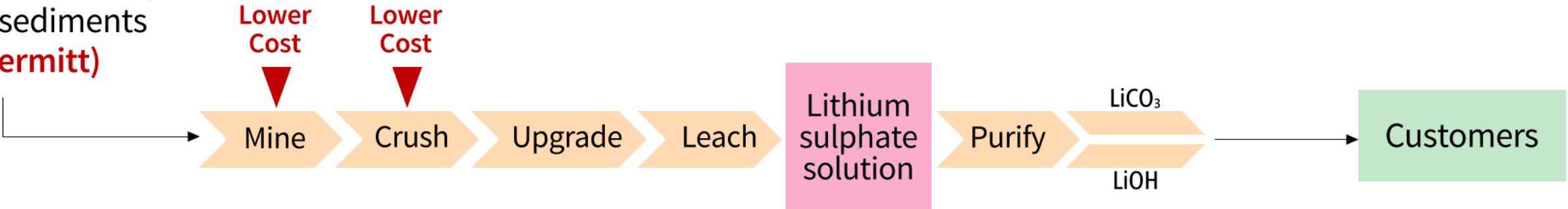
Lithium recovery from **brines**



Lithium recovery from **pegmatites**



Lithium recovery from **sediments (McDermitt)**



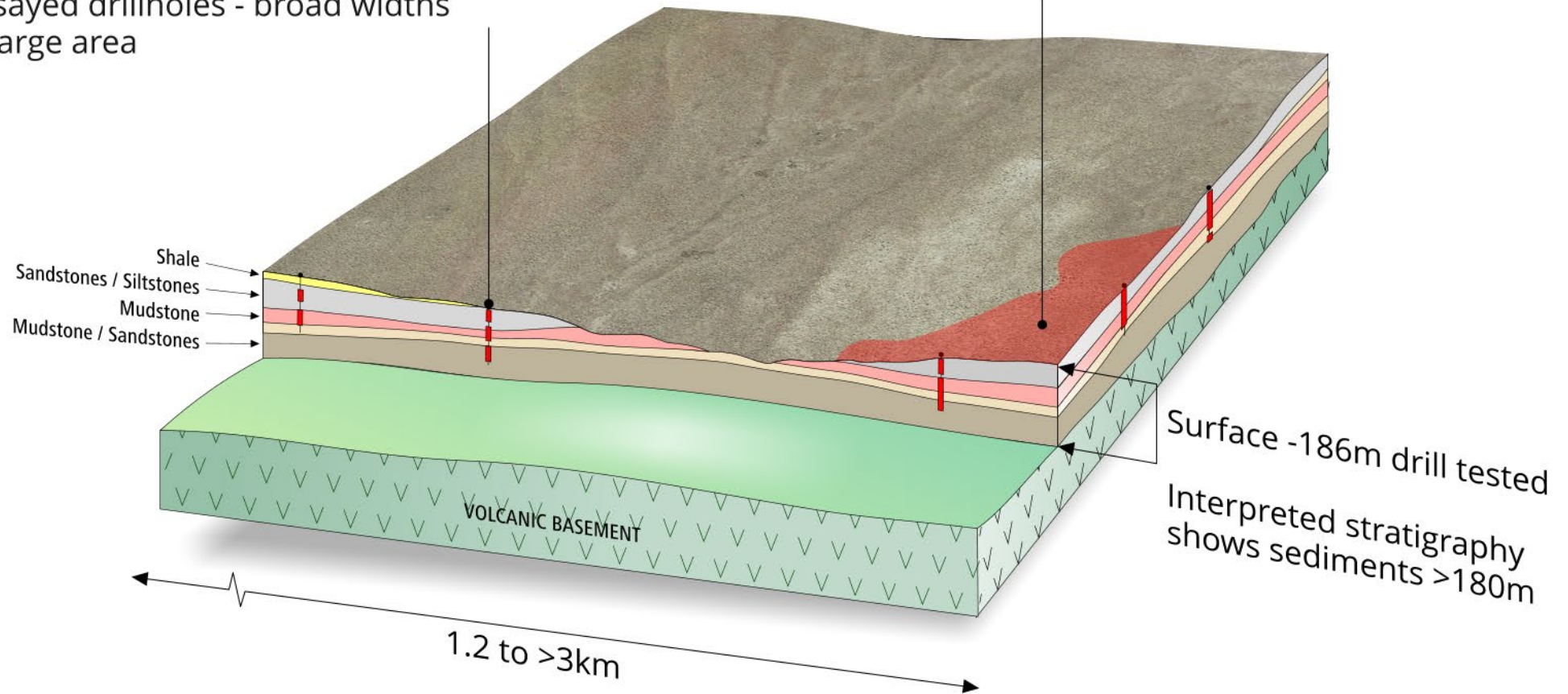
McDermitt Lithium bearing sediments at surface



McDermitt Simplified schematic section

Lithium intercepts in all drillholes
23 assayed drillholes - broad widths
over large area

Lithium mineralisation at surface
Near surface high grade zones



not to scale

McDermitt Maiden Inferred Resource

Inferred Mineral Resource & Exploration Target Range (ETR)*

Cut Off (ppm Li)	Mineral Resource		Contained LCE (Mt)	ETR Lower Limit (Mt)	ETR Upper Limit (Mt)	ETR Grade Range (ppm Li)	ETR Midpoint Contained LCE (Mt)	Resource + ETR Midpoint Contained LCE (Mt)
	(Mt)	(ppm Li)						
1,000	996	1,420	7.5	1,200	3,000	1,200-1,600	15.6	23.1
1,500	328	1,800	3.1	370	800	1,600-2,000	5.6	8.7
1,750	155	2,000	1.7	180	330	1,800-2,200	2.7	4.4
2,000	64	2,200	0.8	75	120	2,000-2,400	1.4	2.2
2,500	5	2,590	0.1	2	3	2,400-2,800	0.4	0.5

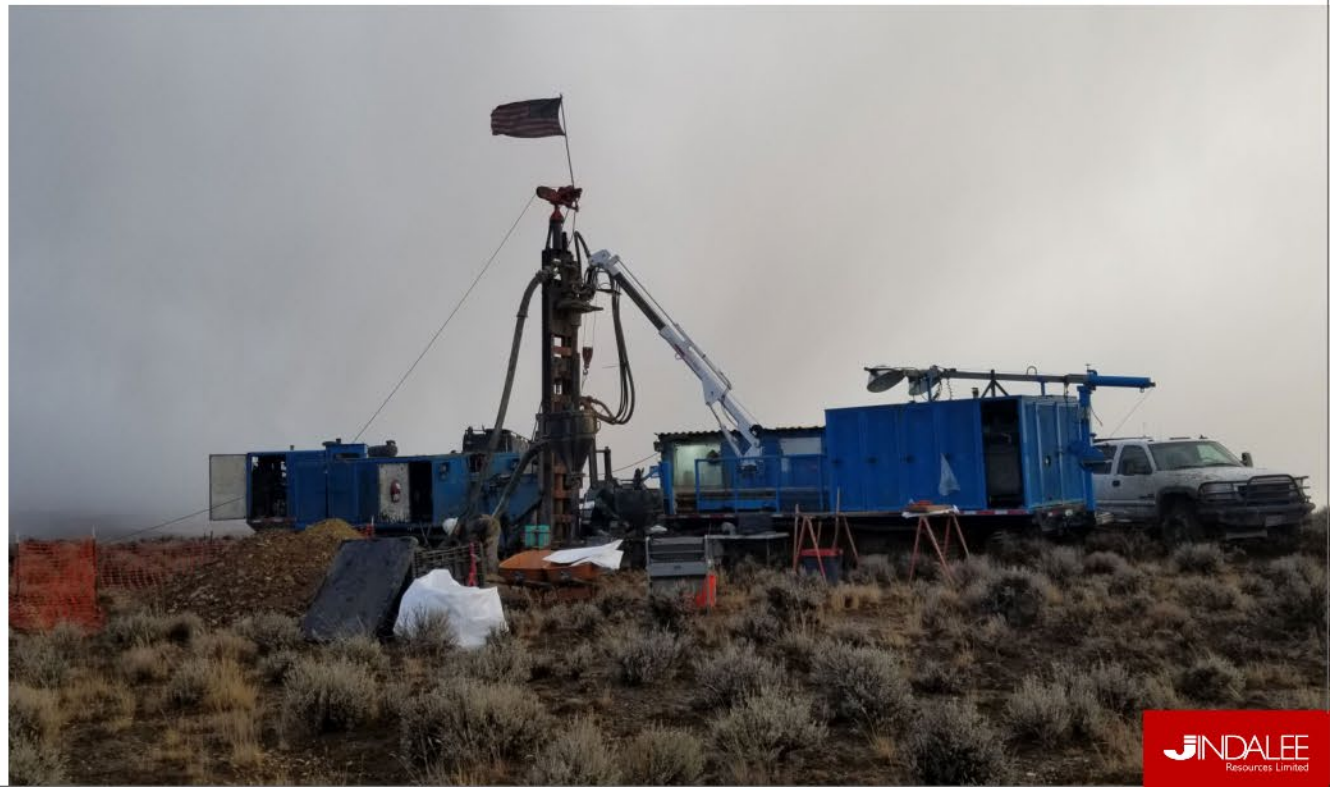
(Source: JRL ASX Announcement 19/11/2019)

*Note that the potential quantity and grade of the Exploration Target is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource over the Exploration Target area and it is uncertain if further exploration will result in the estimation of additional Mineral Resources

Refer ASX release, 19/11/2019, "Maiden Lithium Resource at McDermitt"

Refer ASX release, 13/11/2019, "Material increase to exploration target confirms McDermitt as one of the largest lithium deposits in the US"

McDermitt 2020 drilling



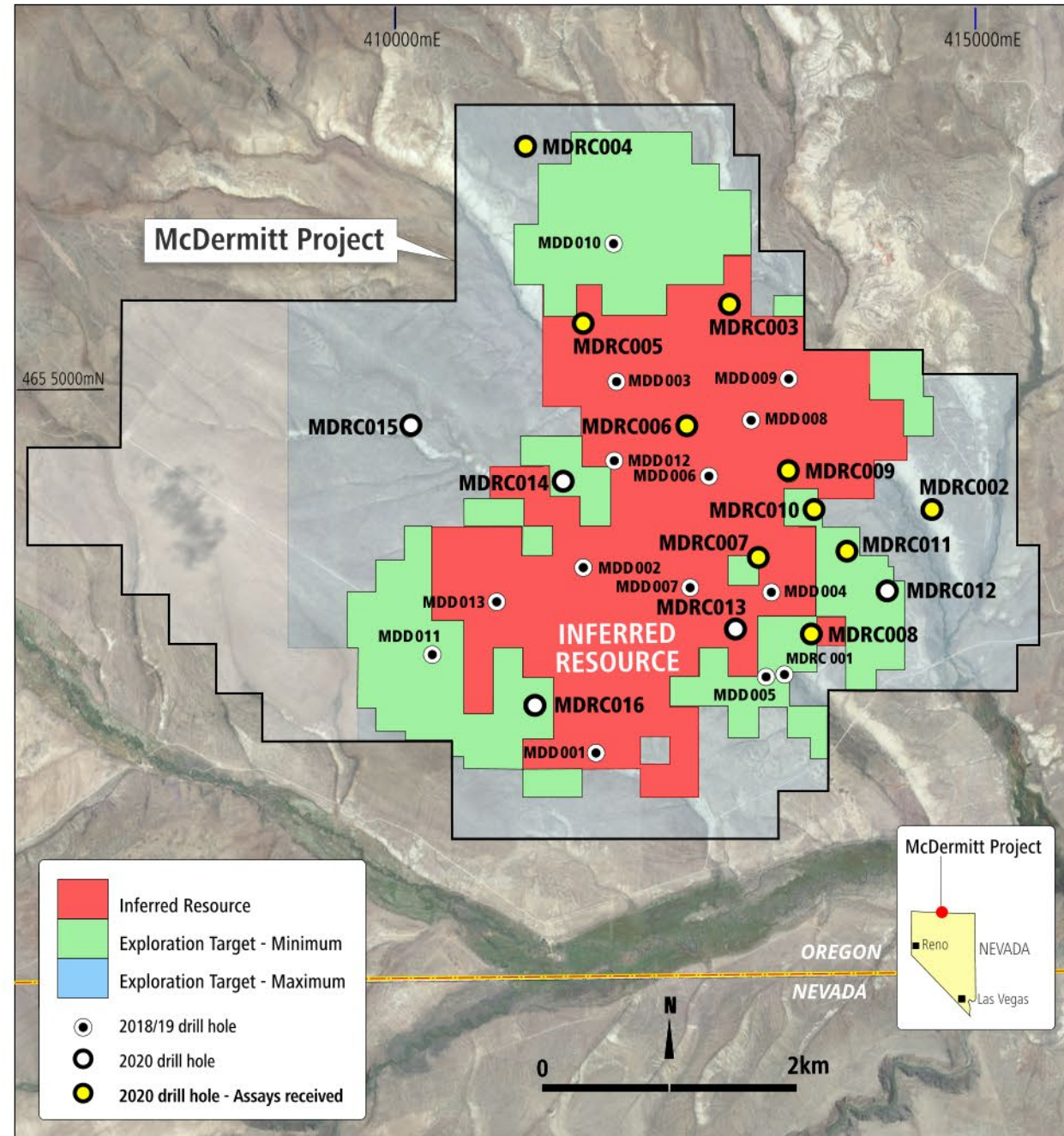
McDermitt Drilling 2020

15 holes completed to date -assays received
from 10 holes

Aim

- Upgrade current Inferred Resource to Indicated Resource
- Increase Inferred Resources
- Confirm shallow (0-100m) contiguous mineralisation (0.43% Li₂O)
- Expand substantial ETR
180-330 Mt @ 1800-2200 ppm Li (1,750ppm Li cut-off)

16/06/2020, "Encouraging Metallurgical Results from McDermitt"
19/11/2019, "Maiden Lithium Resource at McDermitt"
13/11/2019, "Exploration Target confirms huge scale at McDermitt"



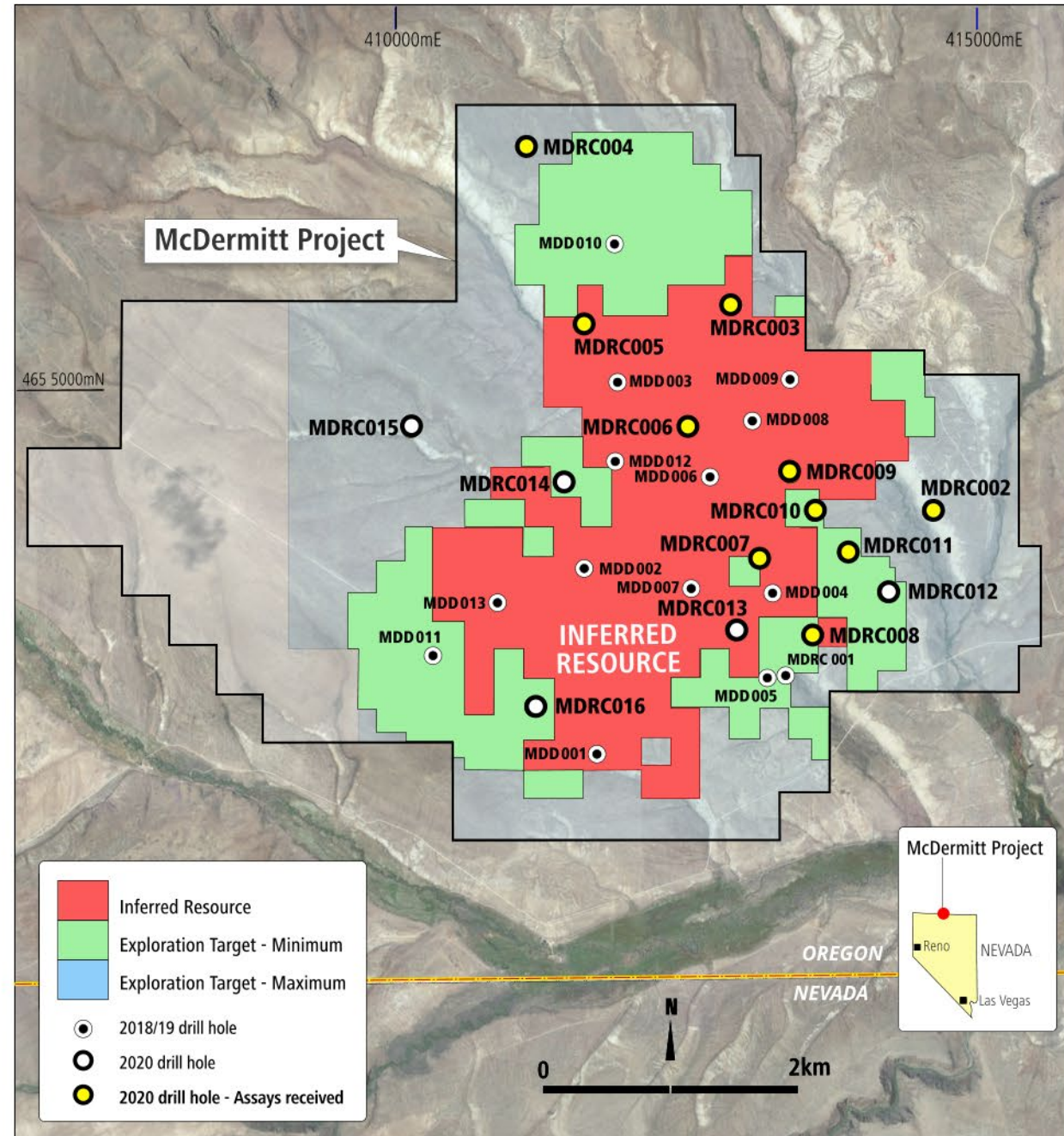
McDermitt Drilling 2020

15 holes completed to date -assays received from 10 holes (remaining assays - mid February)

Significant intercepts

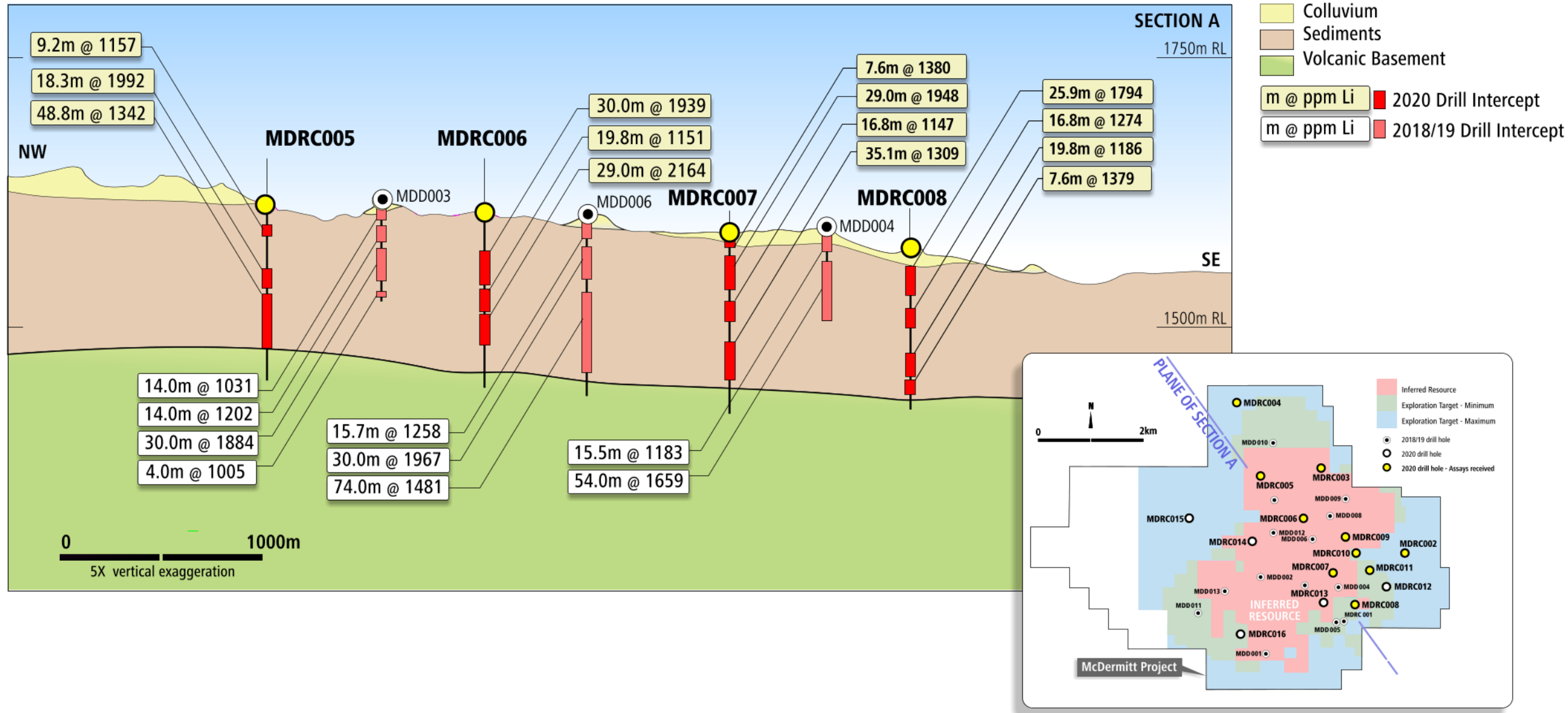
- **MDRC004:** 9.2m @ 2243 ppm Li from 140.3m
15.3m @ 2459 ppm Li from 155.6m
- **MDRC005:** 18.3m @ 1992 ppm Li (incl. 9.2m @ 2440ppm Li) from 58.0m
- **MDRC006:** 30.5m @ 1939 ppm Li (incl. 4.6m @ 3550ppm Li) from 39.7m
29.0m @ 2164 ppm Li from 97.6m
- **MDRC007:** 29.0m @ 1948 ppm Li from 19.8m
- **MDRC009:** 22.9m @ 2108 ppm Li from 6.1m
- **MDRC010:** 19.8m @ 2383 ppm Li (incl. 9.2m @ 3017ppm Li) from surface
- **MDRC011:** 22.9m @ 2283 ppm Li from 3.1m

- **MDRC006:** 126.5m @ 1397 ppm Li from surface* (*average grade, no cut-off)
- **MDRC010:** 120.4m @ 1440 ppm Li from surface* (*average grade, no cut-off)



01/02/2021, "McDermitt Lithium Project - First Assay Results"
 19/11/2019, "Maiden Lithium Resource at McDermitt"
 13/11/2019, "Exploration Target confirms huge scale at McDermitt"

McDermitt 2020 Drilling



Metallurgy

Excellent results

Leach recycling tests show excellent recoveries

Lithium recoveries of >95% with short residence times, using either H₂SO₄ or HCl

Potential for beneficiation via attrition scrubbing resulting in 55% uplift of head grade

Potential to reduce acid consumption via removal of 50% of carbonate and 90% of analcime

Significant cost savings achieved in recent tests - positive for project economics

Testwork to identify further savings underway

McDermitt 2021 Forward Planning

Additional metallurgical optimisation continues - further reducing costs

Update resource and ETR: March

Scoping Study possible: March-April

Submit 2021 drilling program for permitting: April

Engagement with US investors and potential partners ongoing

US Lithium Projects are more highly valued in North America

Share Price Graphs YTD



Widgiemooltha Project WA

1,000km² 100% Jindalee owned holding in highly fertile district

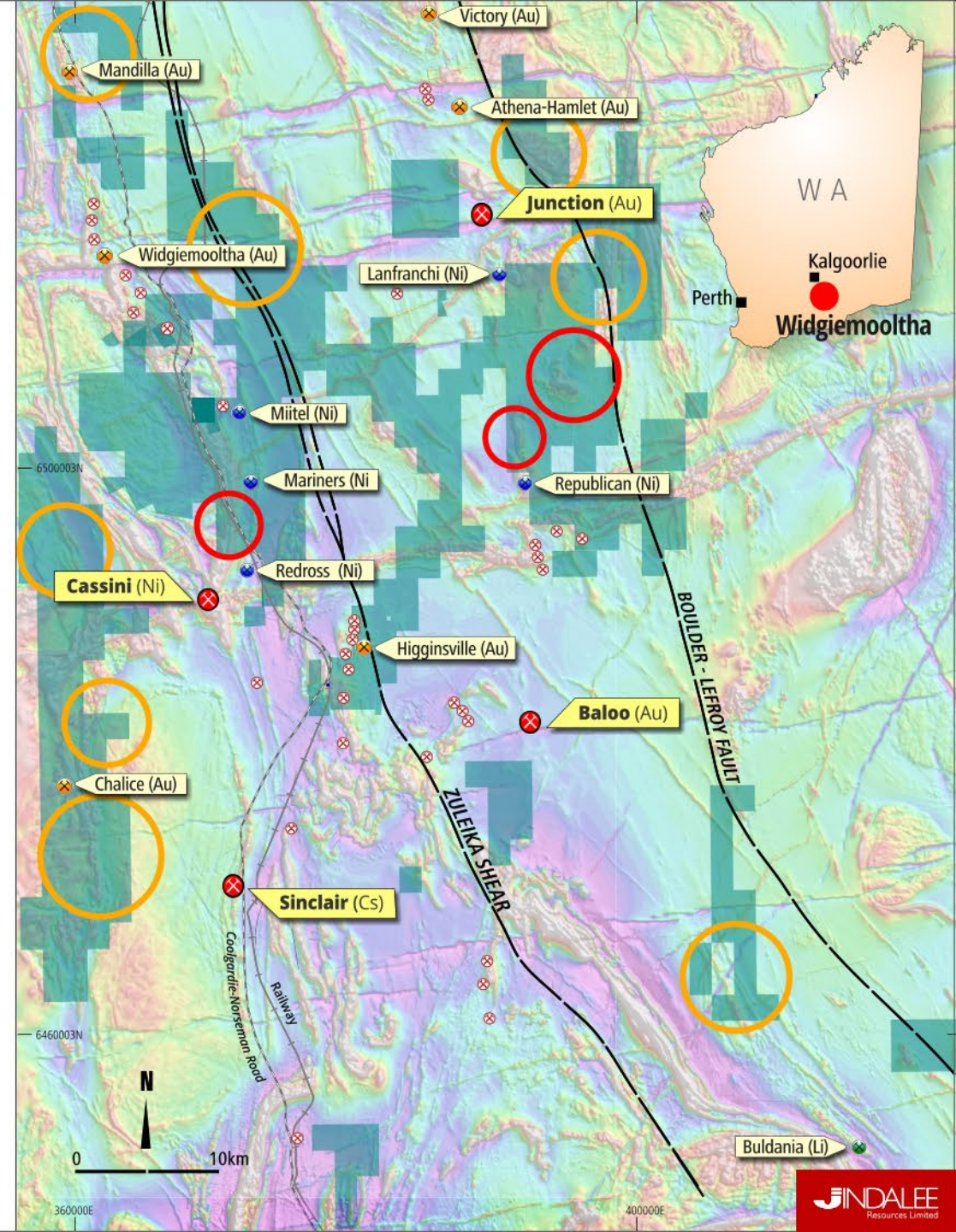
Excellent infrastructure supporting nearby Gold, Nickel, Lithium and Caesium mines

Recent discoveries confirm significant potential

Invincible (Au)	Gold Fields Limited
Baloo (Au)	Kakora Resources Ltd
Mandilla (Au)	Anglo Australian Resources
Cassini (Ni)	Mincor Resources NL
Sinclair Zone (Cs)	Essential Metals Ltd

Program of works for testing Gold targets approved

Program of works to test Nickel targets being prepared



*Note that some portions of Jindalee tenements are excised by pre-existing leases

Disclaimer

This presentation has been prepared by Jindalee Resources Limited (“Jindalee or JRL”) and is authorised by Lindsay Dudfield Executive Director of Jindalee. The information contained in this presentation is a professional opinion only and is given in good faith. Certain information in this presentation has been derived from third parties and though Jindalee has no reason to believe that it is not accurate, reliable or complete, it has not been independently audited or verified by Jindalee. Jindalee makes no representations or warranty as to the accuracy, reliability or completeness of information in this document and does not take responsibility for updating any information or correcting any errors or omissions which may become apparent after this presentation is released.

Any forward looking statements included in this presentation involve subjective judgement and analysis and are subject to uncertainties, risks and contingencies, many of which are outside the control of, and may be unknown to Jindalee. In particular they speak only to the date of this presentation, they assume the success of Jindalee’s strategies, and they are subject to significant regulatory, business, competitive and economic uncertainties and risk. Actual future events may vary materially from the forward looking statements and the assumptions on which these are based. Recipients of this presentation are cautioned not to place undue reliance on such forward looking statements.

To the extent permitted by law, Jindalee and its officers, employees, related bodies corporate and agents disclaim all liability, direct, indirect or consequential (and whether or not arising out of the negligence, default, or lack of care of Jindalee and/or any of its agents) for any loss or damage suffered by a recipient or other persons out of, or in connection with, any use or reliance on this presentation or information. Nothing contained within this presentation should be construed as financial or investment advice. This presentation is for information purposes only. Neither this nor the information in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of Jindalee’s shares in any jurisdiction. This does not constitute investment advice and has been prepared without taking into account the recipient’s investment objectives, financial circumstances or particular needs and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments.

All amounts are in A\$ unless stated otherwise.

For further information contact:

Lindsay Dudfield

Executive Director

Jindalee Resources Limited

E: enquiry@jindalee.net

T: +61 8 9321 7550

Karen Wellman

Chief Executive Officer

Jindalee Resources Limited

E: enquiry@jindalee.net

T: +61 8 9321 7550

Competent Persons Statement

The information in this presentation that relates to exploration results, exploration targets and mineral resources for the Company's projects was first released by the Company on the dates set out under the heading "Additional Information" on this page. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of mineral resource estimates, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed

Additional Information

Additional details including JORC 2012 reporting tables, where applicable, can be found in the following Jindalee Resources' ASX announcements:

- 01/02/2021, "McDermitt Lithium Project - First Assay Results"
- 28/01/2021, "Shareholder Update -US Lithium Assets"
- 14/01/2021, "Quarterly Activities and Cashflow Report"
- 14/12/2020, 26/11/2020, "McDermitt Lithium Project - Drilling Update"
- 16/11/2020, "Drilling Commences at McDermitt Lithium Project"
- 29/10/2020, "Quarterly Activities and Cashflow Report"
- 25/09/2020, "Tesla Battery Day highlights McDermitt Project Potential"
- 17/08/2020, "More encouraging metallurgical results from McDermitt"
- 16/06/2020, "Encouraging Metallurgical Results from McDermitt"
- 19/11/2019, "Maiden Lithium Resource at McDermitt"
- 3/11/2019, "Exploration Target confirms huge scale at McDermitt"



Jindalee Resources Limited
Level 2, 9 Havelock Street
West Perth WA 6005
AUSTRALIA

Thank you

www.jindalee.net.au
enquiry@jindalee.net



ASX: JRL

