JINDALEE
Resources Limited

Investor Presentation

August 2021



JINDALEE
Resources Limited

Corporate

Share Capital (ASX: JRL)	53.4M
Share Price (13/08/2021)	A$2.45
Unlisted Options (40c, 50c, $1.00, $3.50)	6.4M
Market Cap (13/08/2021)	A$206. 1M
Cash/Liquids (30/06/2021	13.3M

Major Shareholders

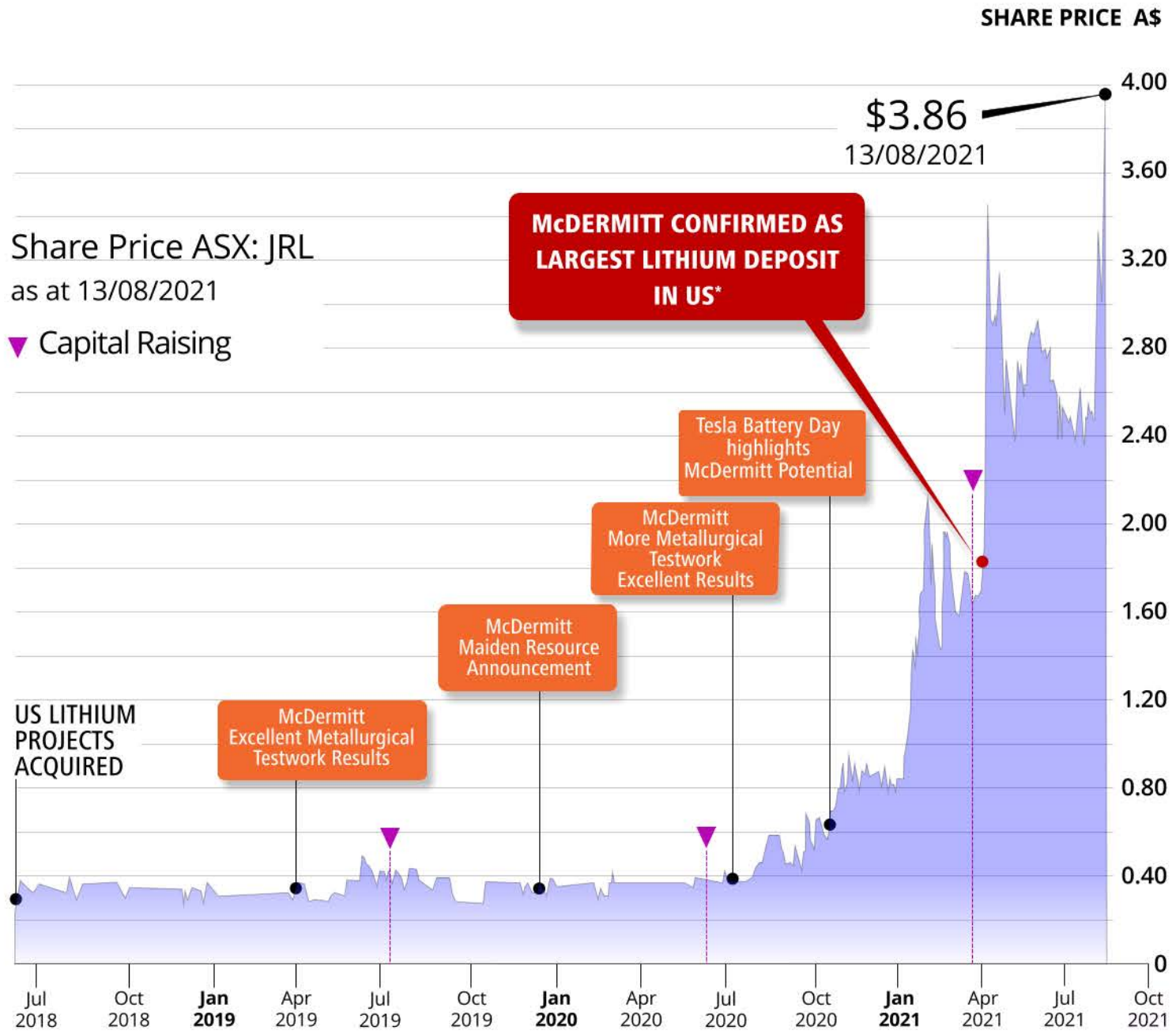
L G Dudfield	25.7%
National Nominees Limited	6.4%
Kale Capital Corporation Pty Ltd	4.4%
Kevrex Pty Ltd	3.7%
Grandor Pty Ltd	3.2%

Board/Management

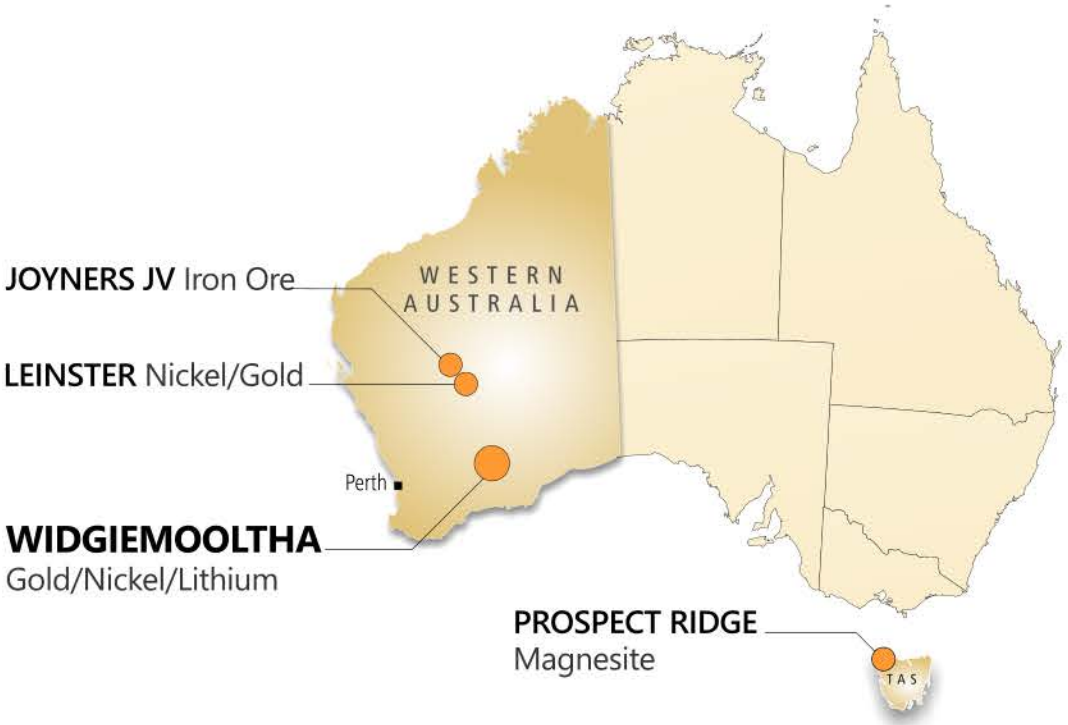
Chairman	Justin Mannolini
Executive Director	Lindsay Dudfield
Executive Director & Company Secretary	Trish Farr
Chief Executive Officer	Karen Wellman

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

Refer *08/04/2021, "Upgraded Mineral Resource confirms McDermitt as the largest lithium deposit in the USA"



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

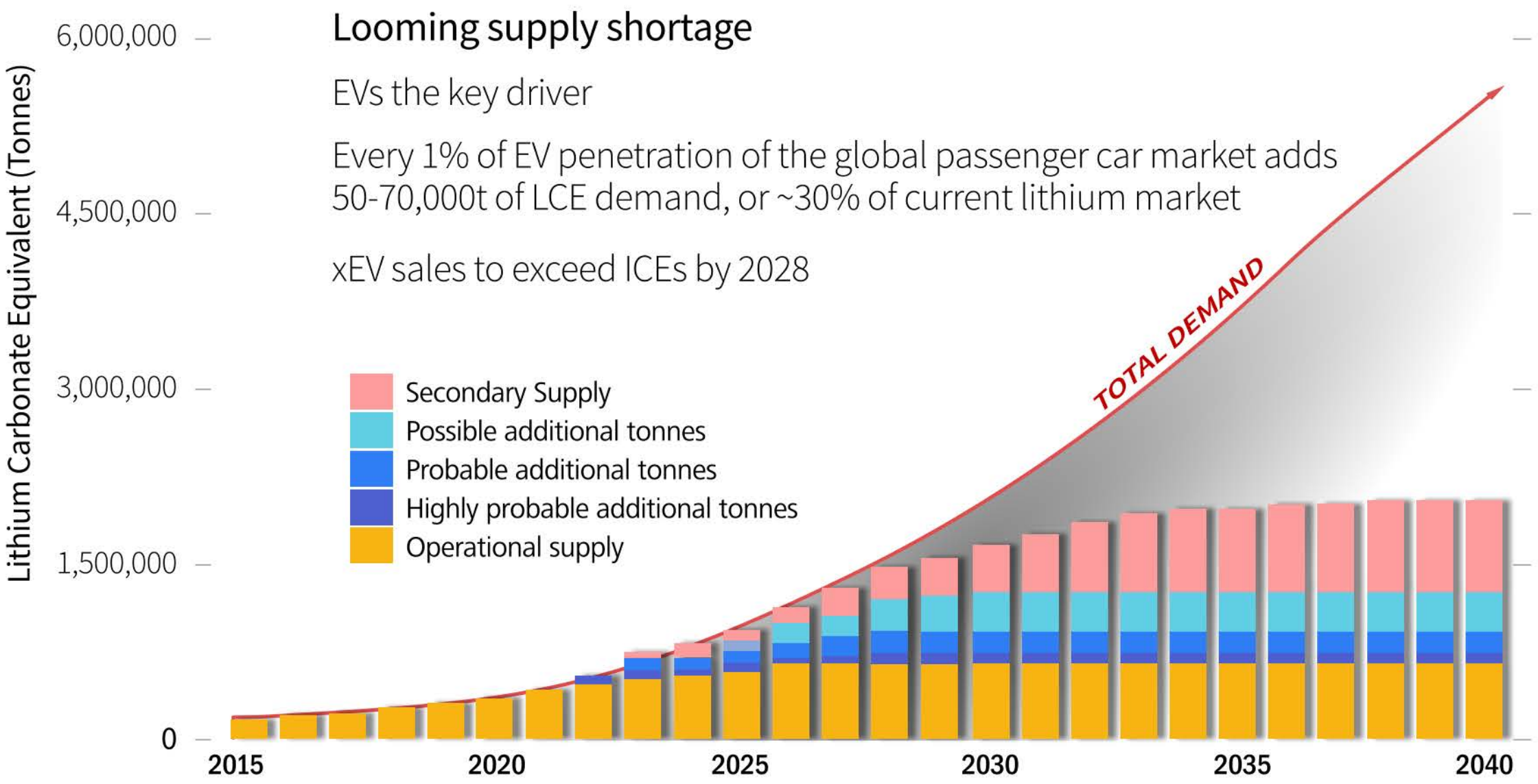
Indicated + Inferred Mineral Resource with huge ups

Strong Government support for large Lithium depos

Tesla's localisation of cathode production in US highlights strategic value of McDermitt

Refer ASX release; 08/04/2021, "Upgraded Mineral Resource confirms McDermitt as the largest lithium deposit in the USA"
Refer ASX release; 25/09/2020, "Tesla Battery Day highlights McDermitt Project Potential"

Lithium Supply / Demand



Source: Benchmark Mineral Intelligence (2020)

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

Sources: Various media sources and US Govt announcements

pv magazine

Global | Germany | Spain | France | USA | Mexico | Latin America | Australia | India | China

Subscriptions

News | Features | Events | Awards | Print archive | pv magazine test | About | Advertise

Granholm focuses on jobs and clean tech in DOE confirmation hearing

Former Michigan Gov. Jennifer Granholm 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

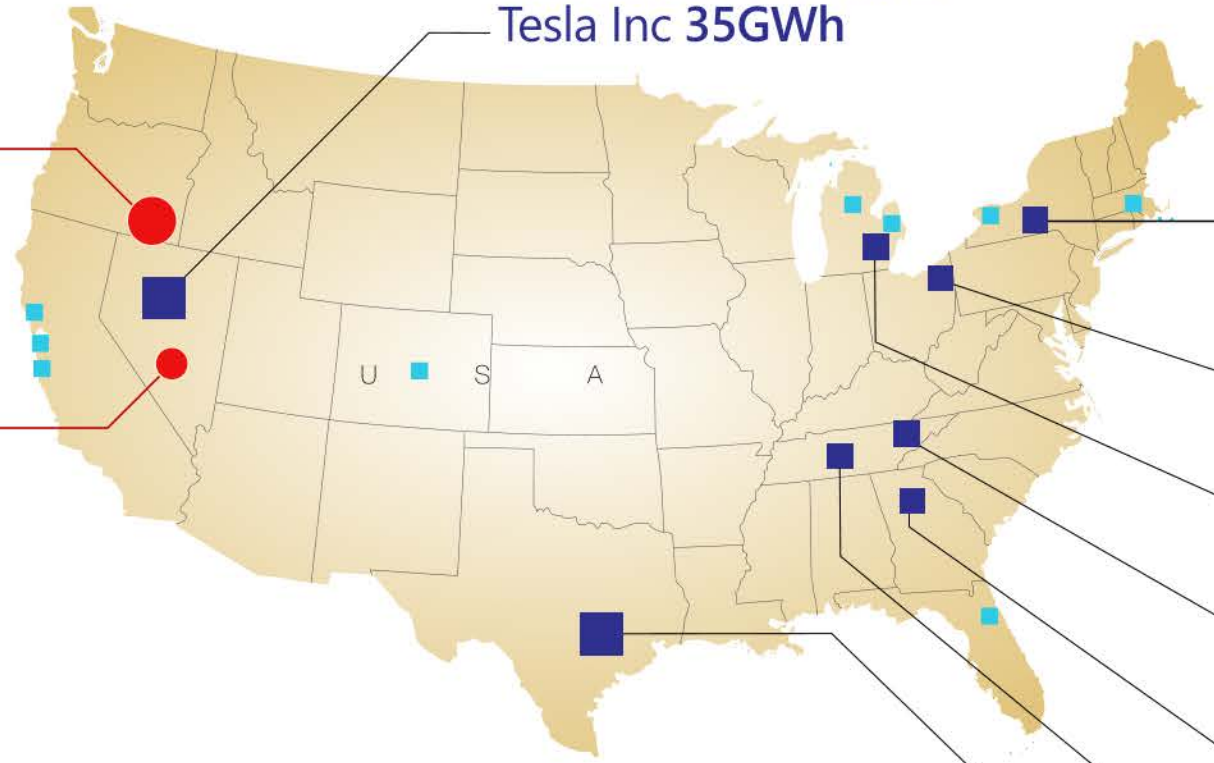


Jennifer Granholm

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



USA Planned Battery Output (as at June 2021)



GIGAFACTORY Nevada
Tesla Inc **35GWh**

McDERMITT Oregon
Jindalee Resources

CLAYTON NORTH Nevada
Jindalee Resources

ENDICOTT New York
Imperium 3 **15GWh**

LORDSTOWN Ohio
LG Chem/GM **30-35GWh**

GHAFARI Michigan
LG Chem **15GWh**

SPRING HILL Tennessee
LG Chem/GM **30-35GWh**

COMMERCE Georgia
SK Innovation **20-25GWh**

SMYRNA Tennessee
Envison AESC **5GWh**

TERAFACTORY Texas, Austin
Tesla Inc **100GWh**

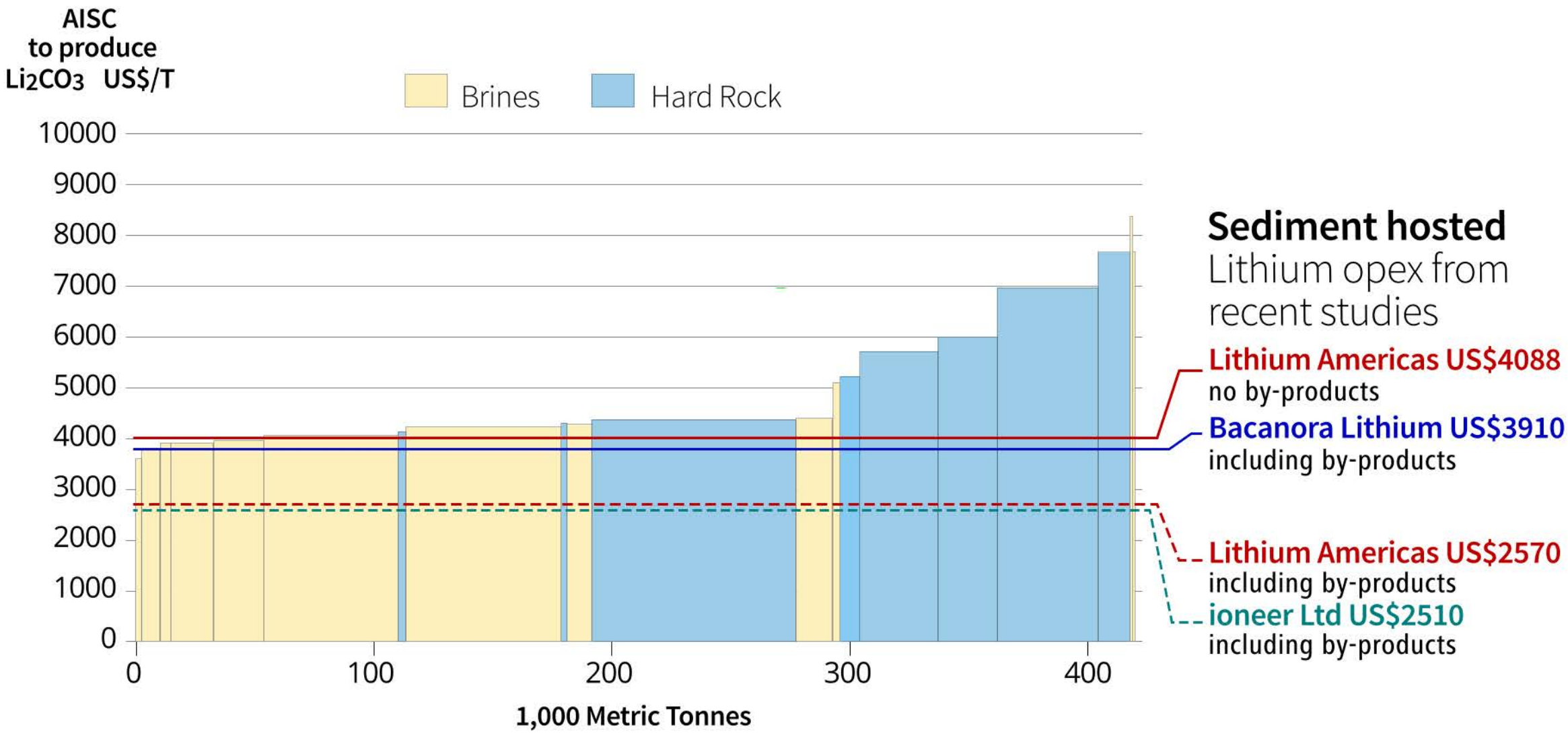
FARASIS 10GWh
(Location to be confirmed)

- Jindalee Resources Lithium Project/Resource
- Battery Factory - operating / under construction
- Battery Factory - planned

Refer ASX release 13/11/2019 "Material increase to exploration target confirms McDermitt as one of the largest lithium deposits in the US" & 19/11/2019 "Maiden Lithium Resource at McDermitt"

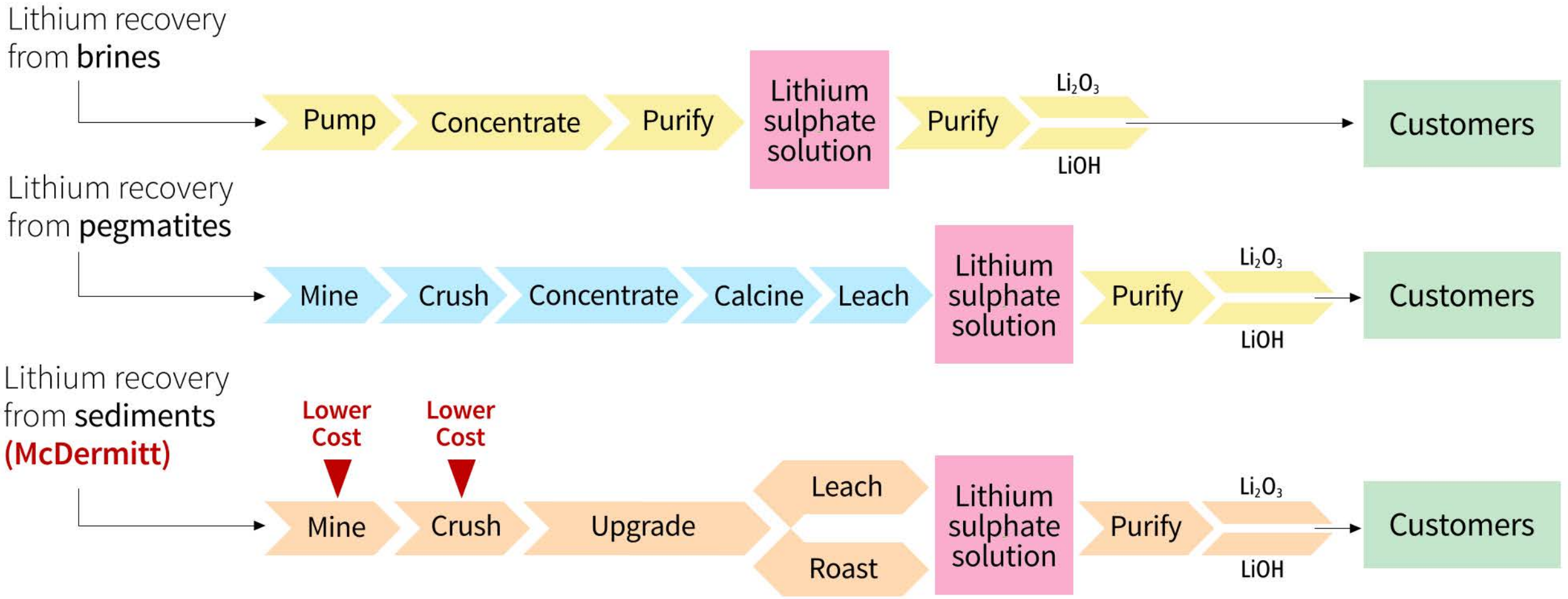
JINDALEE Resources Limited

Why Sediment Hosted Lithium Deposits Long life, low cost sources of battery chemicals



Sources: Company reports

Sedimentary Deposits short cut to lower costs



Jindalee - 2 US Lithium projects

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

Clayton North - Nevada. Pre-exploration planning



McDermitt:

Large project area -100% JRL owned claims cover 54.6km^2 (21miles^2)

Indicated + Inferred Mineral Resource: **1.43 Bt @ 1,320 ppm Lithium** (1,000ppm Li cut-off)

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

The largest Lithium deposit in the US
Development of McDermitt resource could help make US self sufficient in Lithium

Refer ASX release, 08/04/2021, "Upgraded Mineral Resource confirms McDermitt as the largest lithium deposit in the USA"

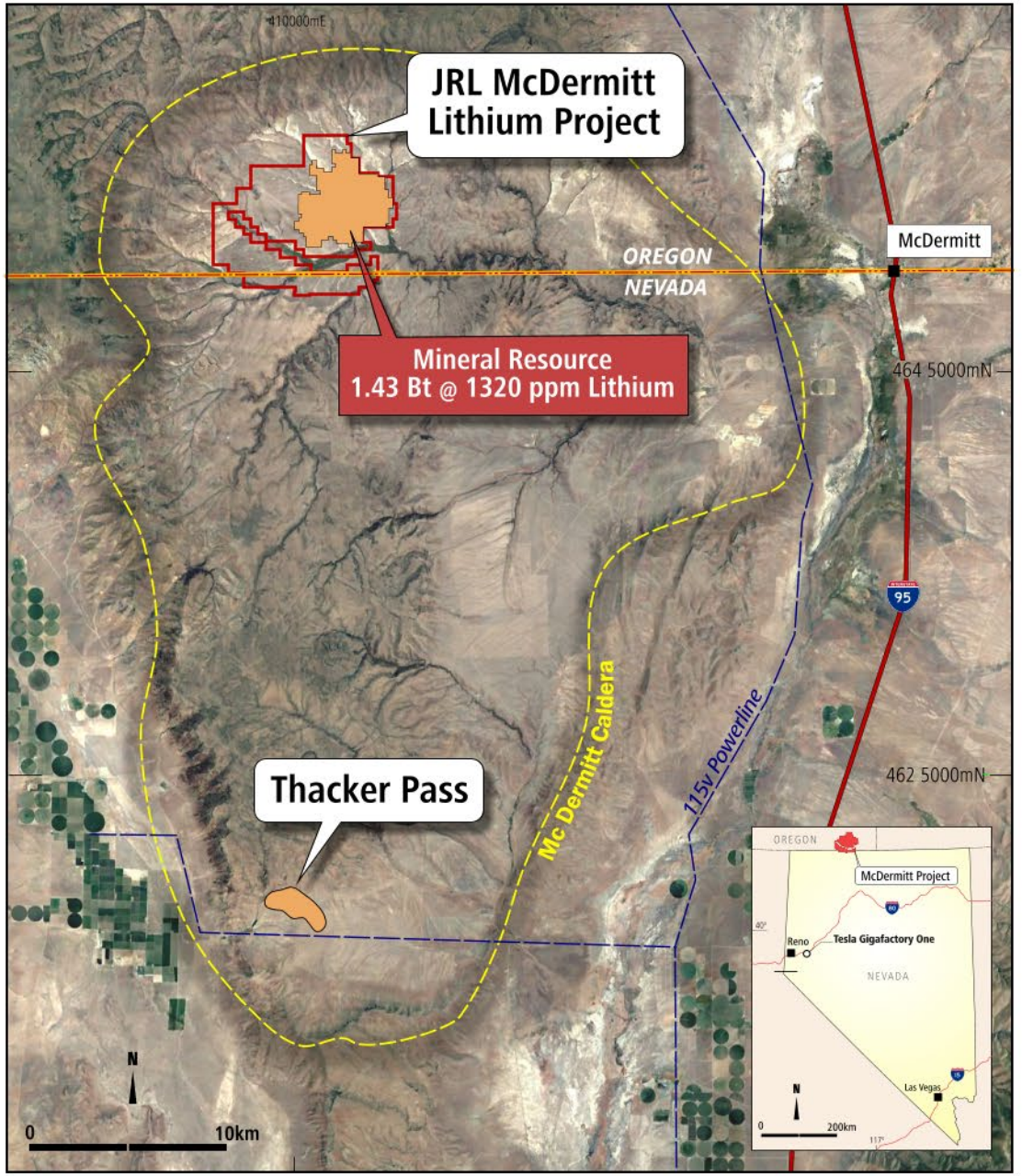
McDermitt Caldera - a Lithium "Hot Spot"

Caldera was an active volcanic centre 16.4 Myr ago

Hosts the largest Lithium deposits in the US

McDermitt	(ASX: JRL)	**10.1 Mt LCE**
Thacker Pass	(TSX: LAC)	**8.6 Mt LCE**

Excellent potential to grow both deposits

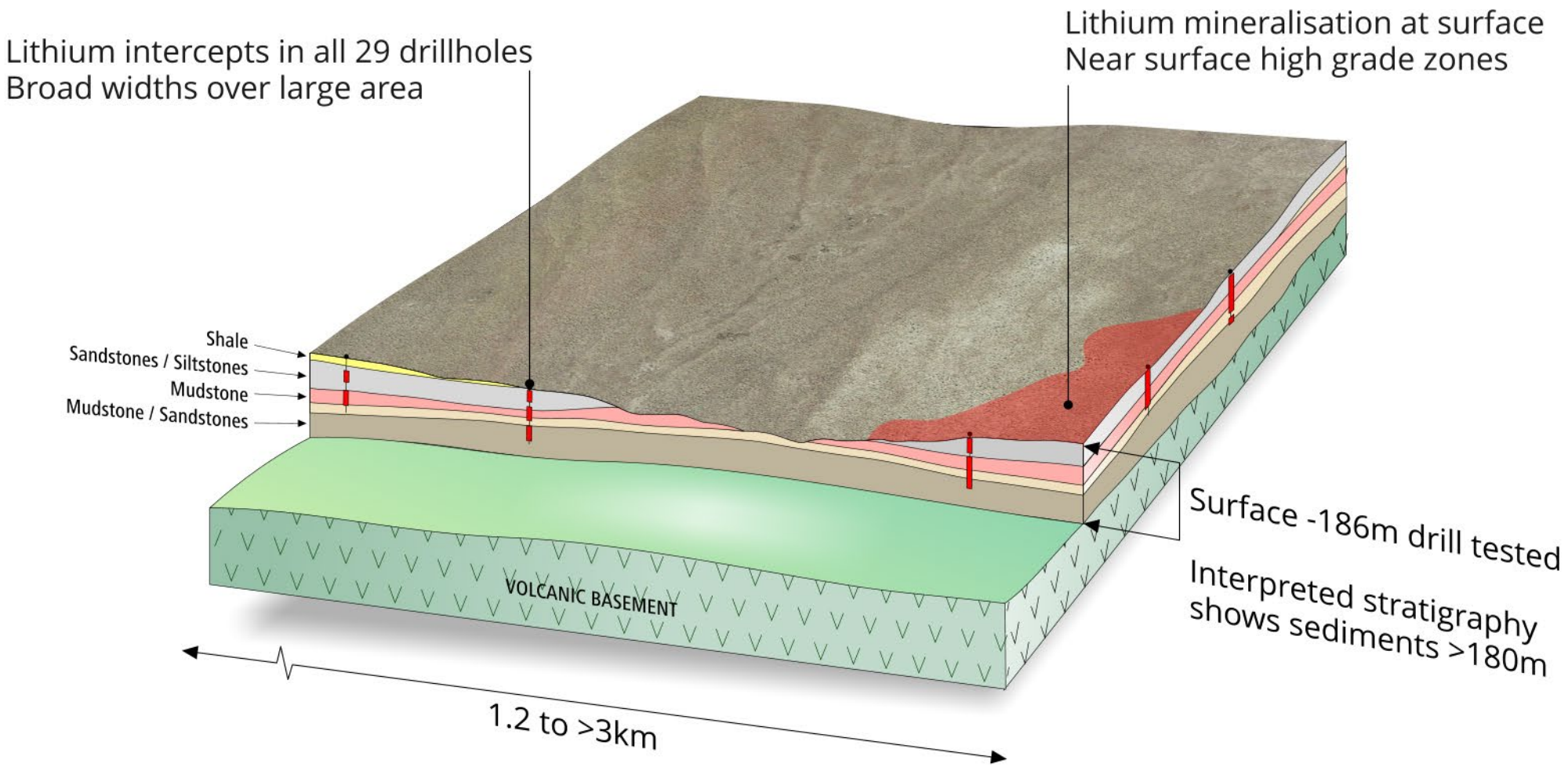


Refer ASX release, 08/04/2021, "Upgraded Mineral Resource confirms McDermitt as the largest Lithium deposit in the USA"

McDermitt Lithium bearing sediments at surface



McDermitt Simplified schematic section

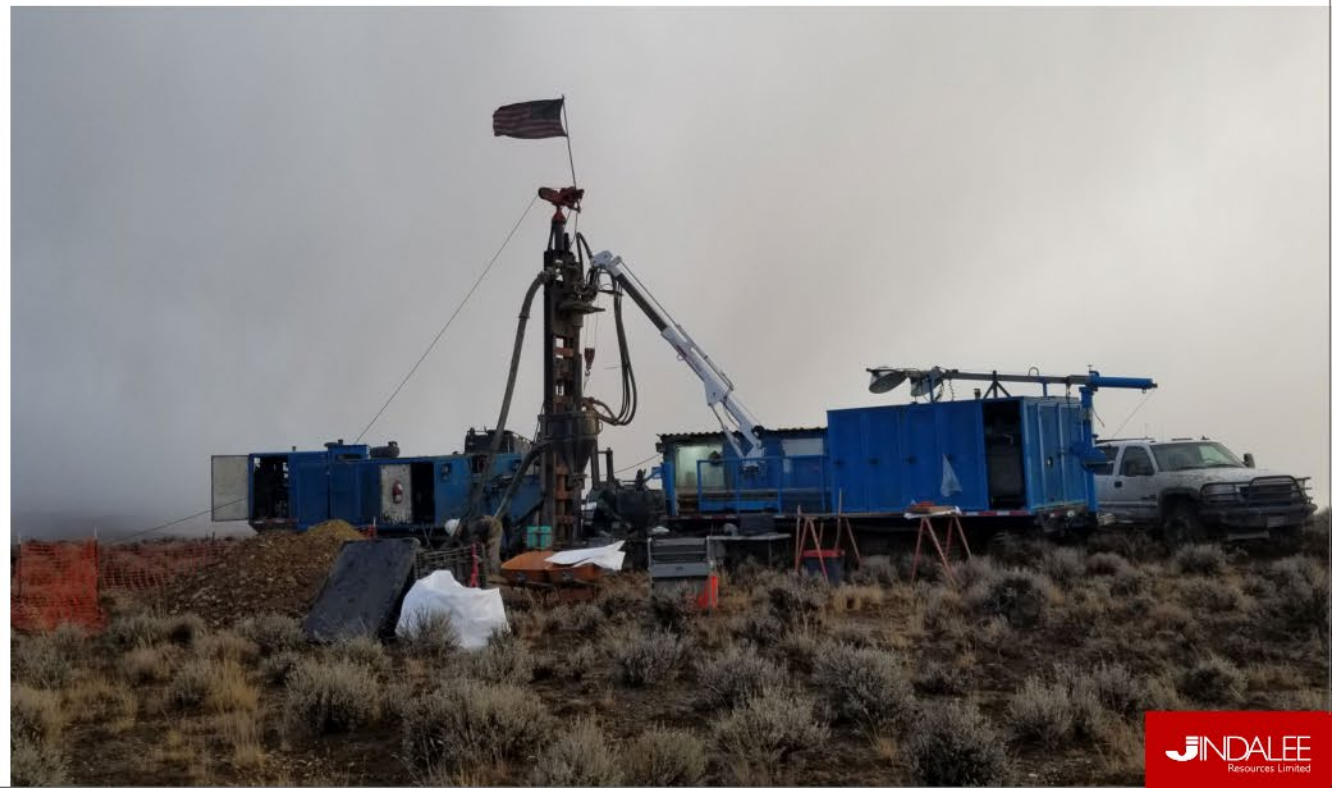


not to scale

McDermitt 2020 drilling







McDermitt Low Cost Mining

TYPICAL DRILL CORES

Flat lying sediments confirmed in all core holes

Soft, low strip ratio

Amenable to low cost mining and crushing

Excellent metallurgical results

MDD001 14.0m - 16.7m

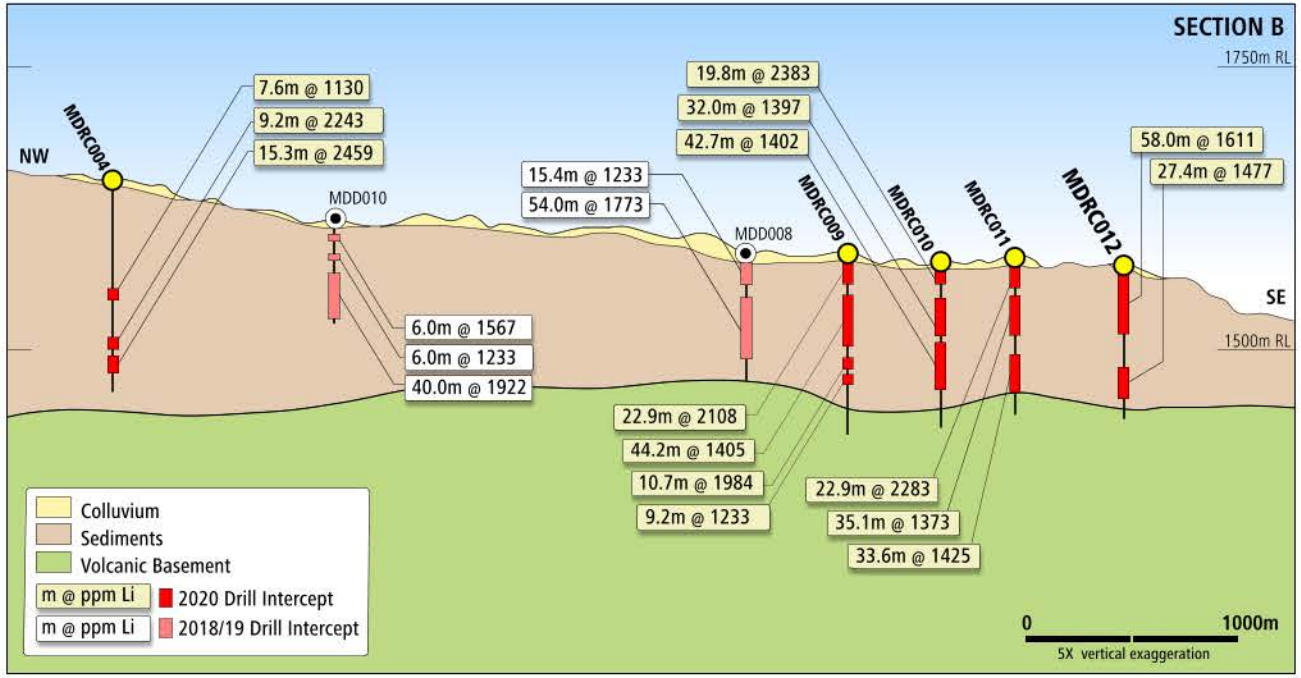


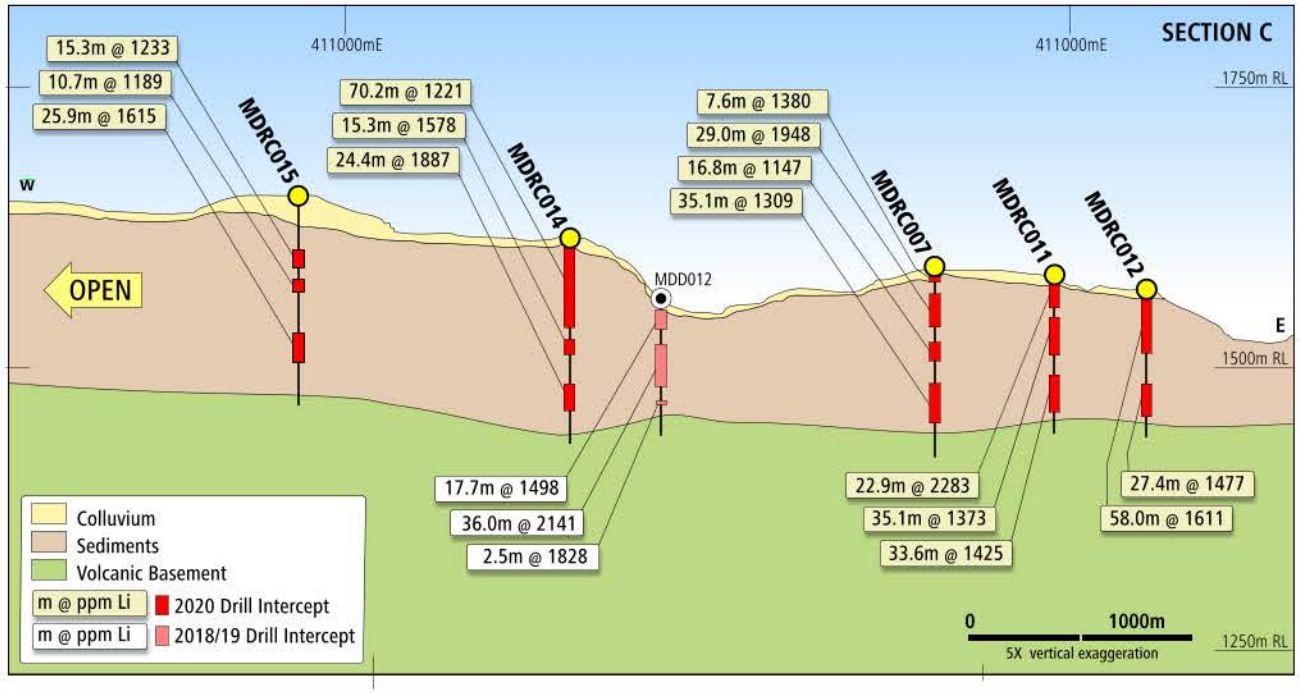
MDD006 36.2m - 39.1m

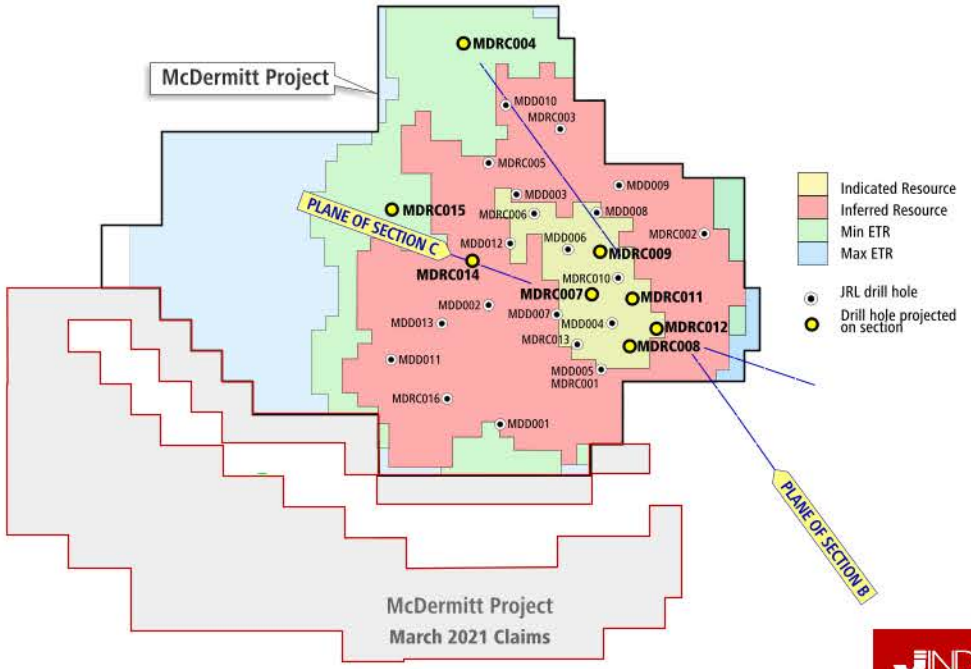


McDermitt 2020 Drilling

Consistent Lithium mineralised intercepts across large area







McDermitt Upgraded Resources and ETR

Indicated + Inferred Mineral Resource

1.43 Bt @ 1320 ppm Lithium

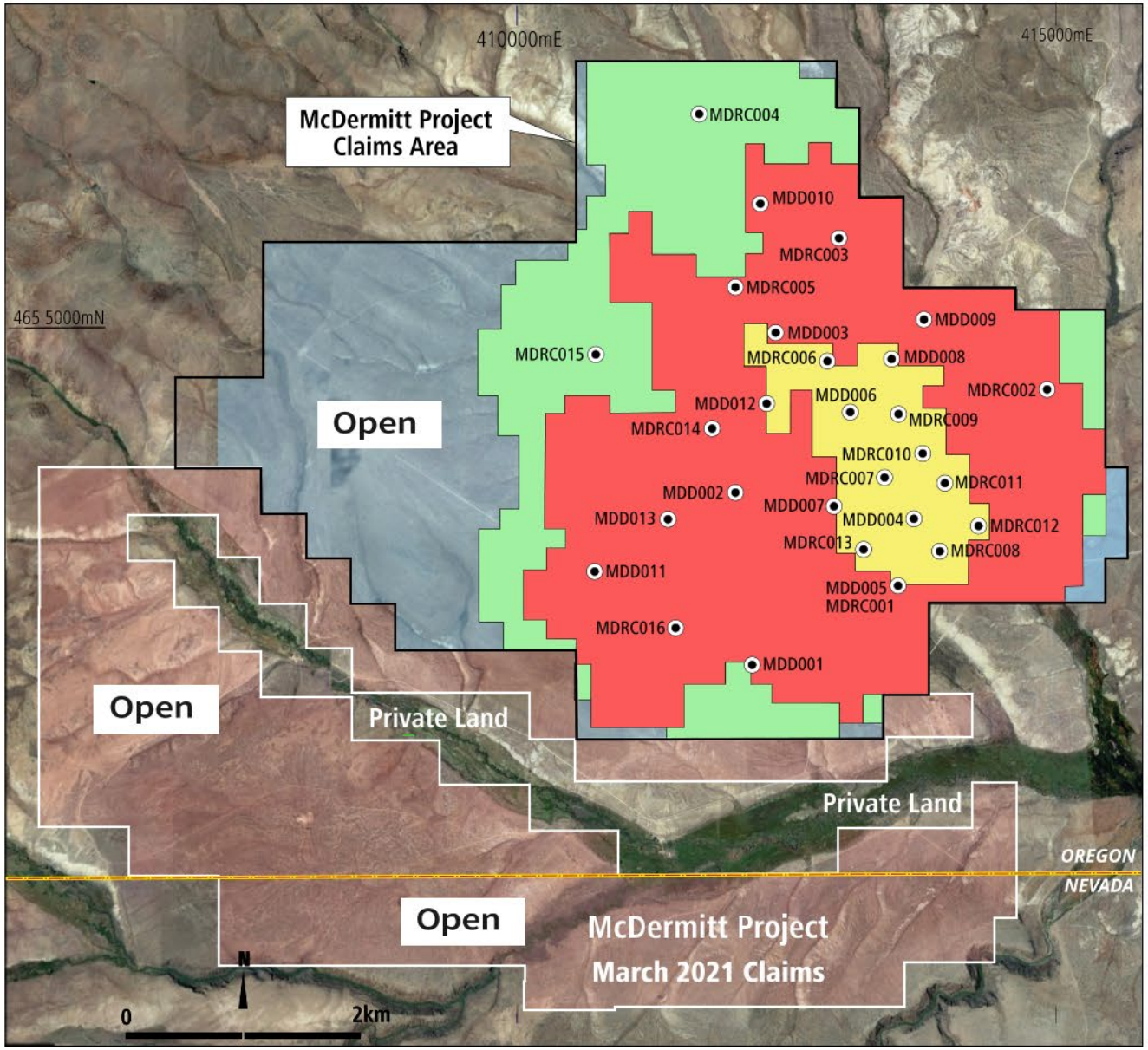
(1000 ppm Li cut-off)

Exploration Target Range (ETR)

1.3 - 2.3 Bt @ 1100 -1500 ppm Lithium

(1000 ppm Li cut-off)

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 and it is uncertain if further exploration will result in the estimation of a Mineral Resource.



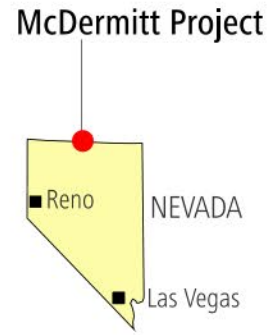
Indicated Resource

Inferred Resource

Min ETR

Max ETR

JRL drill hole



Refer ASX release, 08/04/2021, "Upgraded Mineral Resource confirms McDermitt as the largest Lithium deposit in the USA"

McDermitt Mineral Resource

Upgraded Mineral Resource confirms McDermitt as the largest Lithum deposit in the USA

Cut-Off Grade (ppm Li)	Indicated Resource			Inferred Resource			Indicated + Inferred Resource		
	Tonnage (Mt)	Li Grade (ppm Li)	LCE (Mt)	Tonnage (Mt)	Li Grade (ppm Li)	LCE (Mt)	Tonnage (Mt)	Li Grade (ppm Li)	LCE (Mt)
500	283	1,340	2.0	2,020	1,130	12.1	2,300	1,150	14.1
1,000	233	1,430	1.8	1,200	1,300	8.3	1,430	1,320	10.1
1,500	73	1,910	0.7	240	1,750	2.2	313	1,790	3.0
1,750	44	2,110	0.5	85	2,000	0.9	129	2,040	1.4
2,000	23	2,310	0.3	34	2,200	0.4	57	2,240	0.7

McDermitt Exploration Target Range (ETR)

Large ETR highlights potential for significant increases to the Resource

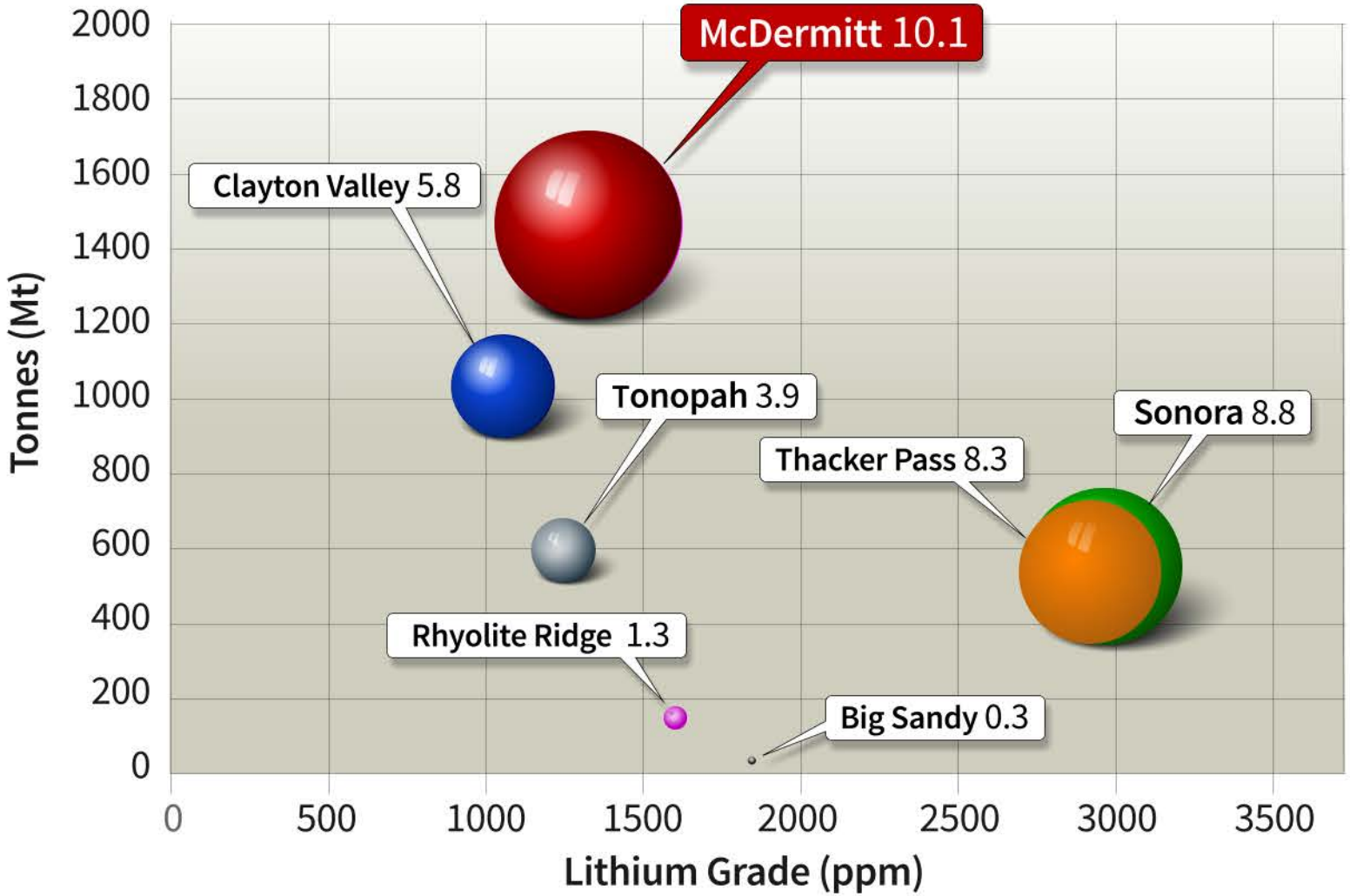
Cut Off Grade (ppm Li)	Exploration Target Range (ETR)			
	Lower Limit (Mt)	Upper Limit (Mt)	Lower Grade (ppm Li)	Upper Grade (ppm Li)
500	2,300	4,500	800	1,200
1,000	1,300	2,300	1,100	1,500
1,500	270	390	1,500	1,900
1,750	100	140	1,700	2,100
2,000	30	40	1,900	2,300

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 and it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Refer ASX release, 08/04/2021, "Upgraded Mineral Resource confirms McDermitt as the largest lithium deposit in the USA"

Sediment Hosted Lithium Deposits

Tonnes v Grade (contained LCE indicated by size of bubble)



DEPOSIT	OWNER	COG (ppm Li)
McDermitt	ASX: JRL	1000
Sonora	AIM: BCN	1000
Thacker Pass	TSX: LAC	2000
Clayton Valley	TSX: CYP	900
Tonopah	TSX: LI	1000
Rhyolite Ridge	ASX: INR	5000 Bo*
Big Sandy	ASX: HWK	800

(*deposit includes Bo credits)

Source: Various company reports

Metallurgy Excellent results

Leach recycling tests show excellent recoveries

Lithium recoveries of >95% with short residence times, using either H_2SO_4 or HCl

Potential for beneficiation via attrition scrubbing resulting in 60% uplift of head grade

Potential to reduce acid consumption via removal of acid consuming minerals

Sulphation roasting and innovative processes to extract lithium being investigated

Refer ASX release 22/02/2021, "More Positive Metallurgical Results from McDermitt"
Refer ASX release 17/08/2020, "More encouraging metallurgical results from McDermitt"
Refer ASX release 16/06/2020, "Encouraging metallurgical test results from McDermitt"

McDermitt 2021 Forward Planning

Additional metallurgical optimisation continues - further reducing costs

Produce Lithium Carbonate for testing by potential partners

Mining studies and initial scoping study: August

2021 drilling program submitted for permitting

Accelerate environmental studies

Engagement with US investors and potential partners ongoing

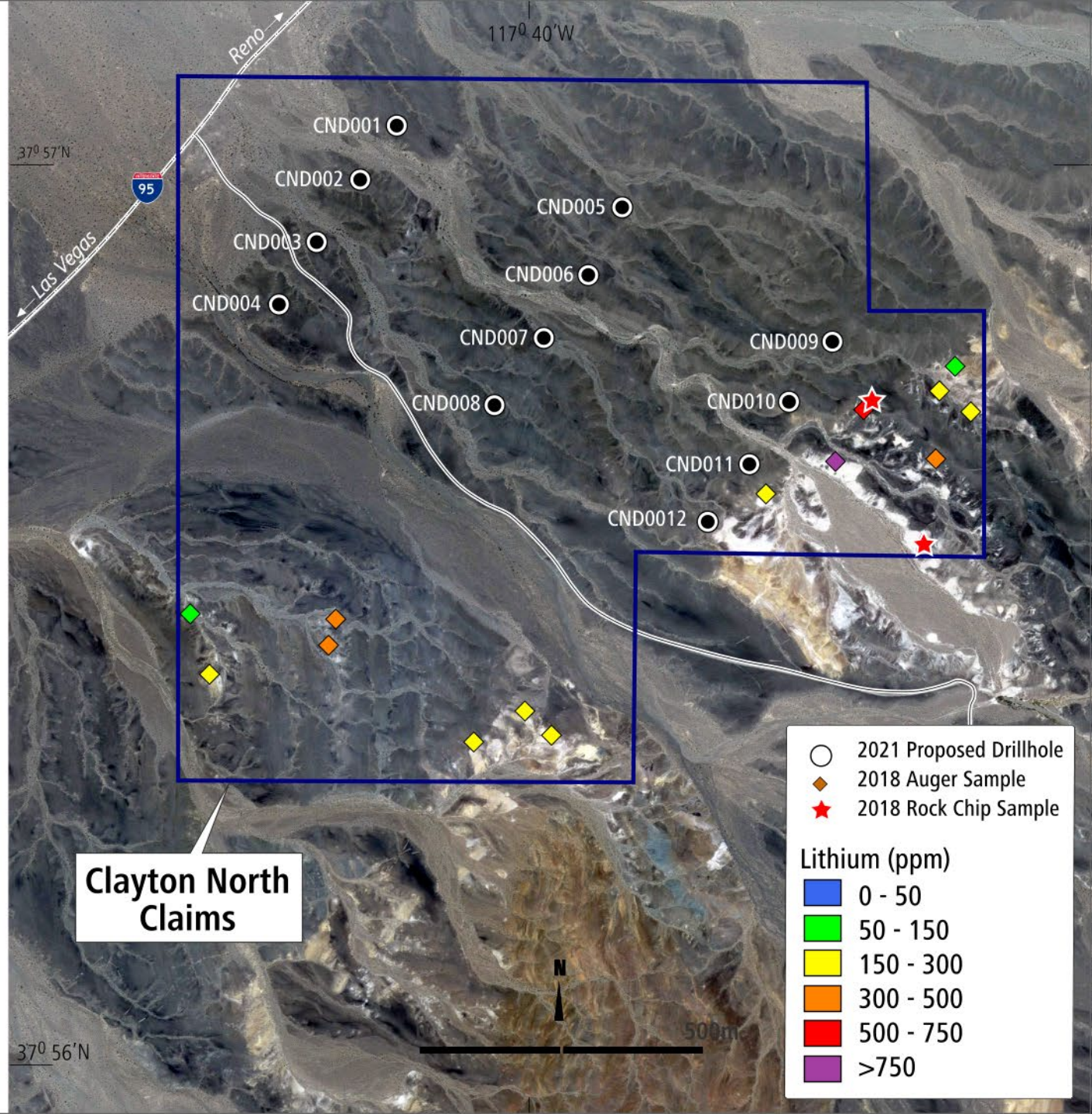


Clayton North Drilling

Diamond drilling underway- Up to 12 drill holes approved

Testing of anomalous lithium results from surface sampling

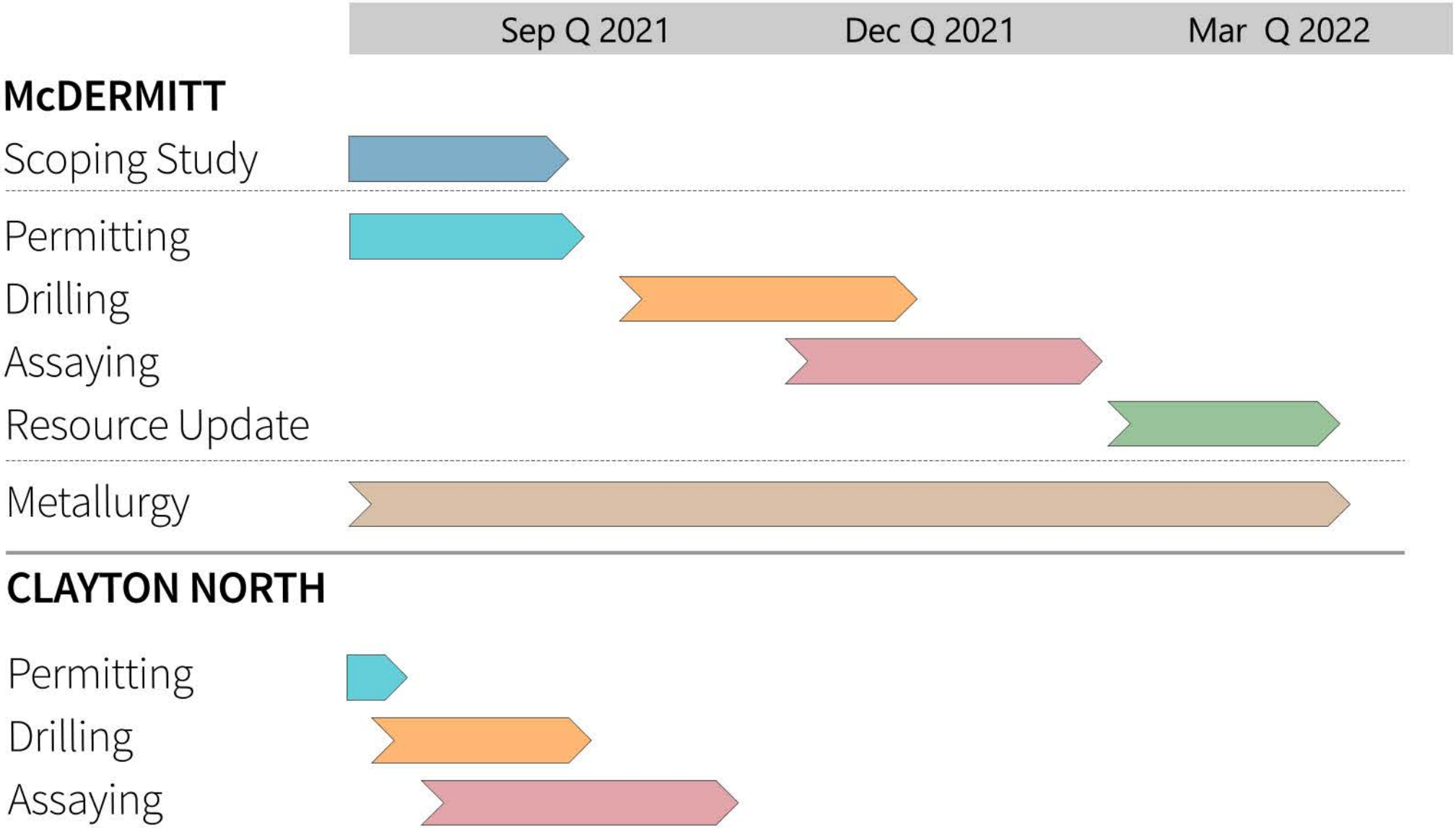
Determining depth and thickness of lithium bearing sediments





JINDALEE Resources Limited

US Lithium Projects - Proposed Activities



Widgiemooltha Project WA

1,000km^2 100% Jindalee owned holding in highly fertile district

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

Recent discoveries confirm significant potential

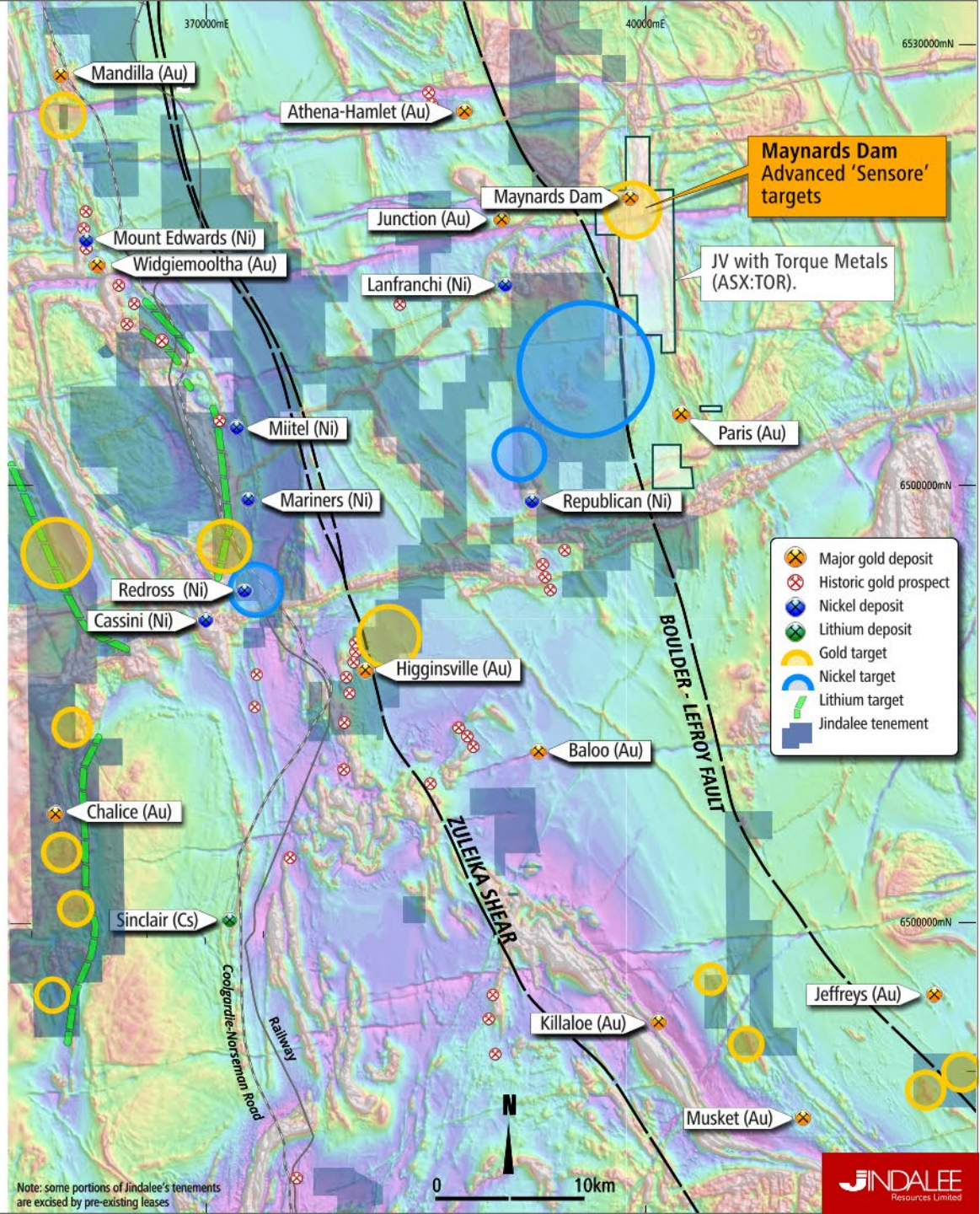
Invincible (Au)	Gold Fields Limited
Baloo (Au)	Kakora Resources Ltd
Mandilla (Au)	Anglo Australian Resources
Cassini (Ni)	Mincor Resources NL
Sinclair Zone (Cs)	Essential Metals Ltd

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

ASX:JRL



Disclaimer

This presentation has been prepared by Jindalee Resources Limited ("Jindalee or JRL") in good faith on the basis of information available as at the date of this presentation. 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. Except to the extent required by law, 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.

This presentation is for information purposes only. It is not a prospectus, product disclosure statement or other offer document under Australian law or any other law (and will not be lodged with the Australian Securities and Investments Commission or any foreign regulator) and is not, and does not constitute, an invitation or offer of securities for subscription, purchase or sale in any jurisdiction. In particular, this presentation does not constitute an invitation or offer of securities for subscription, purchase or sale in the United States or any other jurisdiction in which such an offer would be illegal. The securities referred to in this presentation have not been, and will not be, registered under the U.S. Securities Act of 1933 as amended or the securities laws of any state or other jurisdiction of the United States and may not be offered or sold, directly or indirectly in the United States.

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. This presentation 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:

- 29/07/2021, "Change in Substantial Shareholding"
- 28/07/2021, "Quarterly Activities and Cashflow Report"
- 21/07/2021, "Jindalee commences drilling at Clayton North"
- 22/06/2021, "Jindalee continues to advance its US Lithium assets"
- 15/06/2021 "Investor Presentation"
- 08/04/2021, "McDermitt Lithium Project confirmed as largest in USA"
- 31/03/2021, "Jindalee increases size of McDermitt Project by 67%"
- 15/03/2021, "$9M raising to fund resource growth at McDermitt"
- 12/03/2021, "JRL continues to demonstrate strategic scale of McDermitt"
- 22/02/2021, "More Positive Metallurgical Results from McDermitt"
- 28/01/2021, "Quarterly Activities and Cashflow Report"
- 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"

JINDALEE
Resources Limited

Thank you

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

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

ASX

ASX: JRL