



**KIDMAN**  
RESOURCES



**FAST-TRACKING A WORLD-CLASS LITHIUM RESOURCE IN WA**  
RESOURCES RISING STARS INVESTOR SERIES

February 2017

# DISCLAIMER



This presentation has been prepared and issued by Kidman Resources Limited ("the Company"). It contains general information about the Company's activities current as at the date of the presentation. The information is provided in summary form and does not purport to be complete. This presentation is not to be distributed (nor taken to have been distributed) to any persons in any jurisdictions to whom an offer or solicitation to buy shares in the Company would be unlawful. Any recipient of the presentation should observe any such restrictions on the distribution of this presentation and warrants to the Company that the receipt of the presentation is not unlawful. The presentation does not constitute, and should not be considered as, an offer or invitation to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities.

This presentation contains forecasts which are based on various assumptions. While the Company has endeavored to ensure that these assumptions are reasonable, the Company can not factor in future events which are not foreseeable. Therefore, it is possible that the forecasts may not be achieved.

To the maximum extent permitted by law, no representation, warranty or undertaking, express or implied, is made and, to the maximum extent permitted by law, no responsibility or liability is accepted by the Company or any of its officers, employees, agents or consultants or any other person as to the adequacy, accuracy, completeness or reasonableness of the information in this presentation. To the maximum extent permitted by law, no responsibility for any errors or omissions from this presentation whether arising out of negligence or otherwise is accepted. An investment in the Company is to be considered highly speculative.

This presentation contains general summary information about KDR. The information, opinions or conclusions expressed in the course of this presentation should be read in conjunction with KDR's other periodic and continuous disclosure announcements lodged with the Australian Securities Exchange (ASX), which are available on the KDR website. No representation or warranty, express or implied, is made in relation to the fairness, accuracy or completeness of the information, opinions and conclusions expressed in this presentation

## Competent Person Statements

### Exploration:

The information in this release that relates to sampling techniques and data, exploration results, geological interpretation and exploration targets has been reviewed by Mr L Sawyer M.App.Sc. Mr Sawyer is not an employee of the company, but is employed by Geos Mining as a contract consultant. Mr Sawyer is a member of the Australian Institute of Geoscientists, he has sufficient experience with the style of mineralisation and type of deposit under consideration, and to the activities undertaken, to qualify as a competent person as defined in the 2012 edition of the "Australian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves" (The JORC Code). Mr Sawyer consents to the inclusion in this report of the contained technical information in the form and context as it appears

The information in this release that relates to sampling techniques and data, Exploration Results, geological interpretation relating to gold exploration has been compiled by Mr. Michael Green BSc (Hons), MAusIMM, an employee of the Company. Mr. Green is a Member of the Australian Institute of Mining and Metallurgy and he has sufficient experience with the style of mineralisation and types of deposits under consideration, and to the activities undertaken, to qualify as a competent person as defined in the 2012 Edition of the "Australian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code). Mr. Green is a shareholder in KDR. Mr. Green consents to the inclusion in this report of the contained technical information in the form and context in which it appears.

### Resource Estimation – Earl Grey:

The information in this release that relates to the Estimation and Reporting of Mineral Resources has been compiled by Mr. David Billington BE (Mining). Mr. Billington is a full-time employee of Mining Plus Pty Ltd and has acted as an independent consultant on the Earl Grey Deposit Mineral Resource estimation. Mr. Billington is a Member of the Australasian Institute of Mining and Metallurgy (109676) and has sufficient experience with the style of mineralisation, deposit type under consideration and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code). Mr. Billington consents to the inclusion in this report of the contained technical information relating the Mineral Resource Estimation in the form and context in which it appears. [Cautionary Statement](#)

Readers should use caution when reviewing the exploration and any historical production results presented and ensure that the Modifying Factors described in the 2012 edition of the JORC Code are considered before making an investment decision.

## Forward Looking Statements

This presentation contains certain statements which may constitute forward-looking statements. Such statements are only predictions and are subject to inherent risks, uncertainties and other factors which could cause actual values, results, performance or achievements to differ materially from those expressed, implied or projected in any forward-looking statements. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this document are based generally on the Company's beliefs, opinions and estimates as of the dates the forward looking statements that are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments. Although the Company believes the outcomes expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and actual results or developments may differ materially from those in forward-looking statements. Factors that could cause actual results to differ materially from those in forward-looking statements include licence applications, the development of economic mineral or metal substitutes and general economic, market or business conditions. While, the Company has made every reasonable effort to ensure the veracity of the information presented they cannot expressly guarantee the accuracy and reliability of the estimates, forecasts and conclusions contained herein. Accordingly, the statements in the presentation should be used for general guidance only.



## Capital Structure

Shares on issue (KDR)	315.90m
Options on issue (KDRO)	47.45m (15c exercise price, 30/4/18)
Share Price	\$0.50
<b>Market Capitalisation</b>	<b>\$158 million</b>
Cash (Dec 2016)	\$8.8 million
Debt <sup>1</sup> (30 June 2016)	\$7.3 million

<sup>1</sup>\$1 million repayable on or before 1 May 2017, with the balance of \$6.3 million on or before 1 May 2018. Flat interest charge of \$100,000 due upon repayment in 2018.

## Substantial Shareholders

Capri Holdings	10.29%
Acorn Capital	5.88%

## Key Milestones:

- Lithium DFS set for completion Q2/Q3 2017
- Forecast CAPEX \$8M for Lake Johnston restart
- Aiming for first lithium production December 2017
- Plus significant exposure to gold price



# BOARD AND MANAGEMENT



**CHAIRMAN, Peter Lester**

Peter is a mining engineer with more than 40 years experience in the mining industry in various roles including construction, project and mine management. Corporate and financial advisory services and in business development with responsibility for strategic planning and corporate development, predominantly in precious and base metals. He has worked in operational roles at Mt Isa and Broken Hill, as well as senior executive positions with North Ltd, Newcrest Mining Limited, Oxiana / Oz Minerals Limited and most recently with Citadel Resources Group Limited.



**MANAGING DIRECTOR, Martin Donohue**

Martin Donohue was the founder of Kidman Resources which listed on ASX in 2011 and he subsequently took on the role of Managing Director in October 2014 with the aim of making strategic acquisitions during the resource sector downturn. Martin has around 20 years' experience in equity capital markets and the natural resources sector where he has been directly involved in evaluating mineral projects at various stages of development and raising capital.

Martin is a director of several private and public companies focused on precious and base metals in Australia and New Zealand. He is Non Executive Director of E2 Metals which is a gold exploration and development company and is also the principal of Penstock Advisory, a private consulting and investment company based in Melbourne that specialises in identifying, managing and developing mineral projects in Australia and overseas.



**NON EXECUTIVE DIRECTOR, Brad Evans**

Brad is a mining engineer with over 17 years' experience within the mining industry and is currently General Manager of Mining Plus, an international Mining Consultancy. He has a multitude of experience ranging from mine production, planning and management on mine sites, to organisation leadership within Mining Plus. He has led the growth of Mining Plus from 10 to 60 employees and it now has offices in five countries around the world. He is the holder of a First Class Mine Manager's Certificate of Competency in both Western Australia and New South Wales.



**GENERAL MANAGER OPERATIONS, Chris Williams**

Chris is a mining engineer who has over 30 years experience in underground and open pit mining operations and management roles throughout Australia.

Before joining Kidman Chris worked for 12 years at Panoramic Resources in a number of senior roles including General Manager Operations for the Savannah and Lanfranchi nickel mines and General Manager Projects and Technical Services. Prior to Panoramic Resources Chris was Mine Superintendent for New Hampton Goldfields and Harmony Gold Mines at their Jubilee Operation near Kalgoorlie.



**GEOLOGY MANAGER, Michael Green**

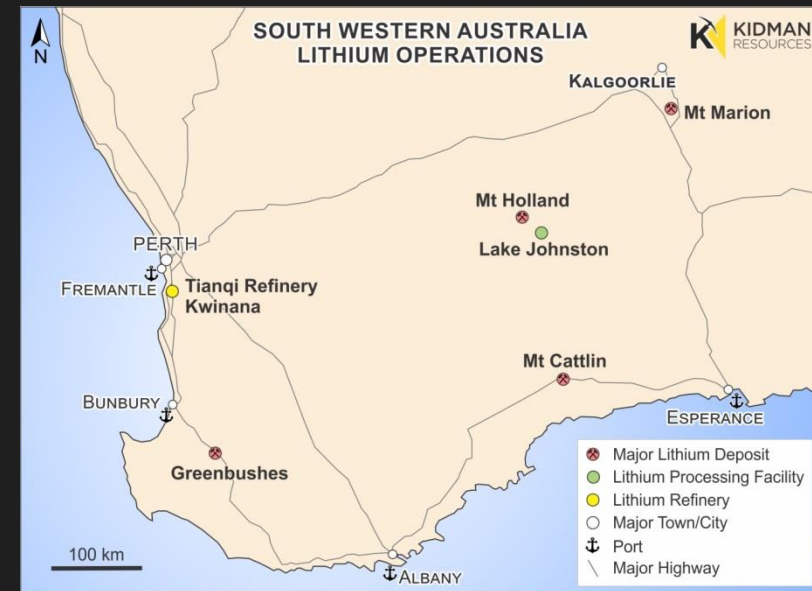
Michael is an experienced and accomplished Geologist with 10 years experience. He spent 6 years at Newmont working in both the Regional Exploration Team in Qld, NSW and the NT before moving to the Tanami Operations where he was responsible for both near mine and District exploration. During that time at Newmont Michael was a part of the team that made the Oberon Regional discovery, and the near mine Auron Ore body discovery which has significantly increased the LOM at Newmont Tanami Operations. Responsible for near mine resource development and delineation with a significant component involving the management of contractors and a large geology team.



# INVESTMENT HIGHLIGHTS

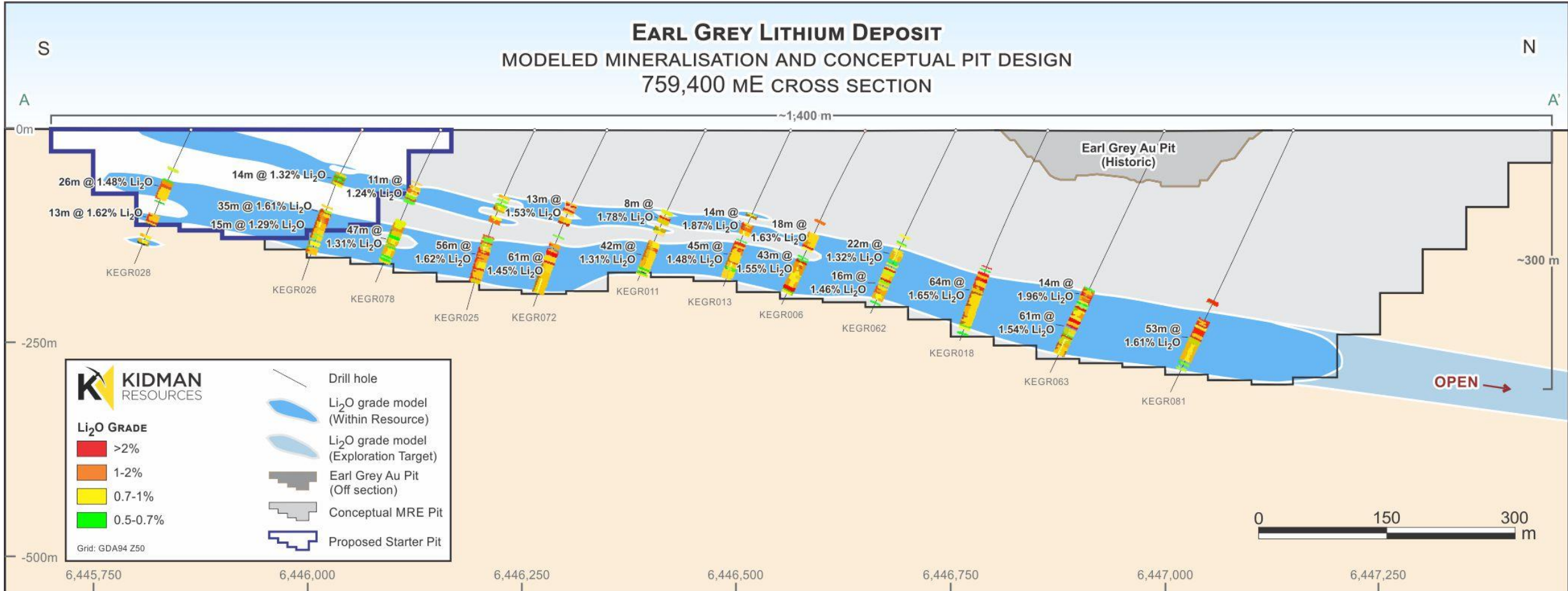


- High grade lithium discovery to **Tier-1 Lithium Resource** in less than 5 Months
  - Over 16,800 meters of drilling completed since mid-July to produce a JORC Mineral Resource:  
**128 Million Tonnes at 1.44% Li<sub>2</sub>O for 4.54Mt Lithium Carbonate Equivalent (LCE)**
  - Significant potential for further growth in resources:
    - High grade lithium intersected 600m north of current resource boundary
    - **Exploration Target of 75 -100 Million Tonnes at 1.3 -1.5% Li<sub>2</sub>O** (See KDR ASX Announcement 14<sup>th</sup> December 2016)
- \* The Exploration Target potential quantities and grades are conceptual in nature and there has been insufficient exploration to date to define a mineral resource. It is not certain that further exploration will result in the determination of a Mineral Resource under the “Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves, the JORC Code” (JORC 2012). The Exploration Target is not being reported as part of any Mineral Resource or Ore Reserve
- Potential for fast-track route to development:
    - Granted Mining Lease
    - Extensive infrastructure already in place
    - Exclusive option to process through Poseidon Nickel’s Lake Johnston 1.5Mtpa facility
  - Metallurgical and Engineering studies are underway, forming basis of Feasibility study due Q217
  - Mt Holland Gold Project offers large leverage to gold, and will be pursued in parallel
  - **Enterprise Value of <\$150M** offers significant potential for re-rating towards peer valuations



# EARL GREY LITHIUM DEPOSIT

1,400m long, and still growing!



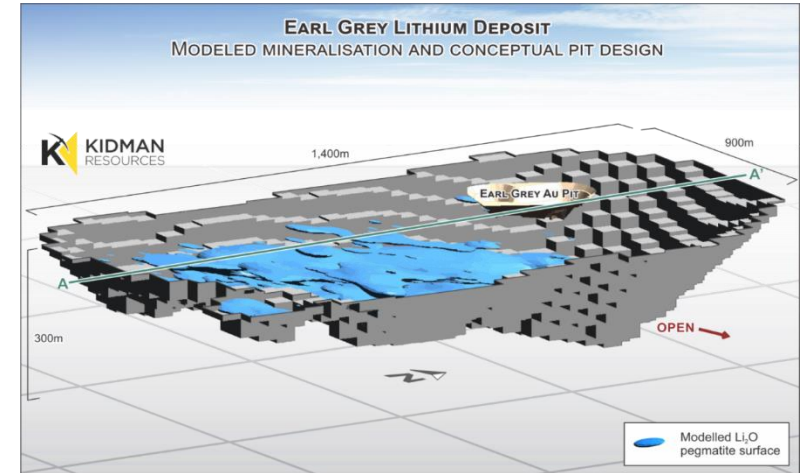
# MAIDEN JORC RESOURCE



## High grade, flat lying, large hardrock lithium – Comparable to Australia’s largest producing mines

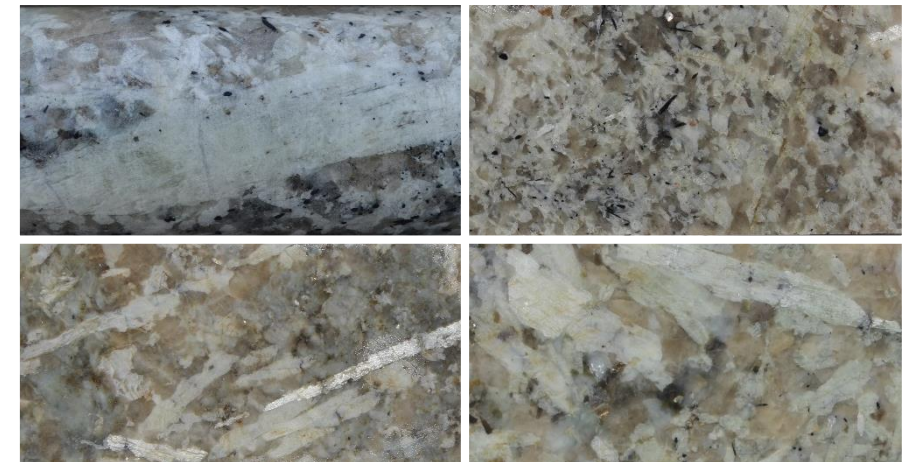
Mineral Resource Estimate for the Earl Grey Deposit - December, 2016										
Domain	Li <sub>2</sub> O Cut-Off	Indicated			Inferred			Indicated and Inferred		
		Tonnes	Li <sub>2</sub> O%	Li <sub>2</sub> O Tonnes	Tonnes	Li <sub>2</sub> O%	Li <sub>2</sub> O Tonnes	Tonnes	Li <sub>2</sub> O%	Li <sub>2</sub> O Tonnes
HW lode	0.5%	-	-	-	7,700,000	1.40	108,000	7,700,000	1.40	108,000
Main Lode	0.5%	78,500,000	1.44	1,130,000	35,000,000	1.46	512,000	113,500,000	1.45	1,642,000
FW Lode	0.5%	-	-	-	6,800,000	1.32	90,000	6,800,000	1.32	90,000
<b>Total</b>		<b>78,500,000</b>	<b>1.44</b>	<b>1,130,000</b>	<b>49,500,000</b>	<b>1.43</b>	<b>709,000</b>	<b>128,000,000</b>	<b>1.44</b>	<b>1,839,000</b>

The preceding statements of Mineral Resources conforms to the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) 2012 Edition. All tonnages reported are dry metric tonnes. Minor discrepancies may occur due to rounding to appropriate significant figures.



Photographs below of spodumene-rich pegmatite within newly drilled metallurgical diamond drill holes in starter pit area

- **Maiden JORC Resource delivers 128 Million Tonnes at 1.44% Li<sub>2</sub>O** (see KDR ASX Announcement 14<sup>th</sup> December 2016)
- **4.54 Million Tonnes contained lithium carbonate equivalent**
- Likely to underpin a long life open pit mining operation
- Flat lying geometry
- Average thickness 70m and consistent high grade
- High confidence Resources with +61% in the Indicated category
- 128 Million Tonnes at Earl Grey is just the beginning...



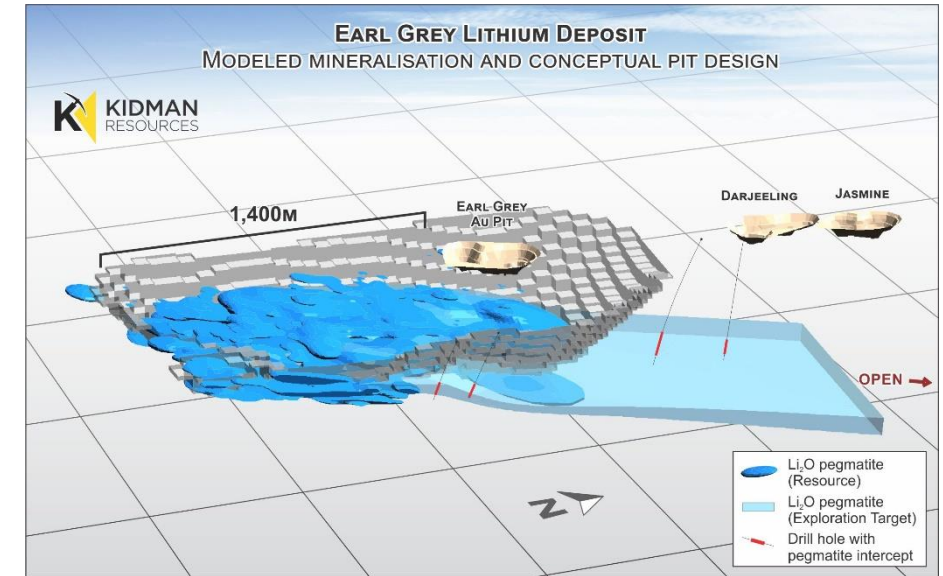


# EARL GREY IS JUST THE BEGINNING



## Significant Upside Remains

- **Exploration Target of 75 – 100 million tonnes @ 1.3% - 1.5% Li<sub>2</sub>O\***
  - \* *The Exploration Target potential quantities and grades are conceptual in nature and there has been insufficient exploration to date to define a mineral resource. It is not certain that further exploration will result in the determination of a Mineral Resource under the “Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves, the JORC Code” (JORC 2012). The Exploration Target is not being reported as part of any Mineral Resource or Ore Reserve*
- Next phase of drilling planned for Earl Grey designed to target:
  - Pegmatite body beneath the historic Earl Grey Gold deposit waste dump
  - Down-dip extent of the pegmatite
- Current Resource reflects Earl Grey deposit only
- Many other prospective pegmatites within Mt Holland tenements with Bounty confirmed as another high grade target
- Other regional targets within the Forrestania Belt remain to be tested
- Forrestania Belt now confirmed as a new Lithium district in addition to Gold and Nickel



Landscape view looking toward the southern end of the Earl Grey lithium deposit, as seen from the Earl Grey gold pit and relation to modelled Resource above

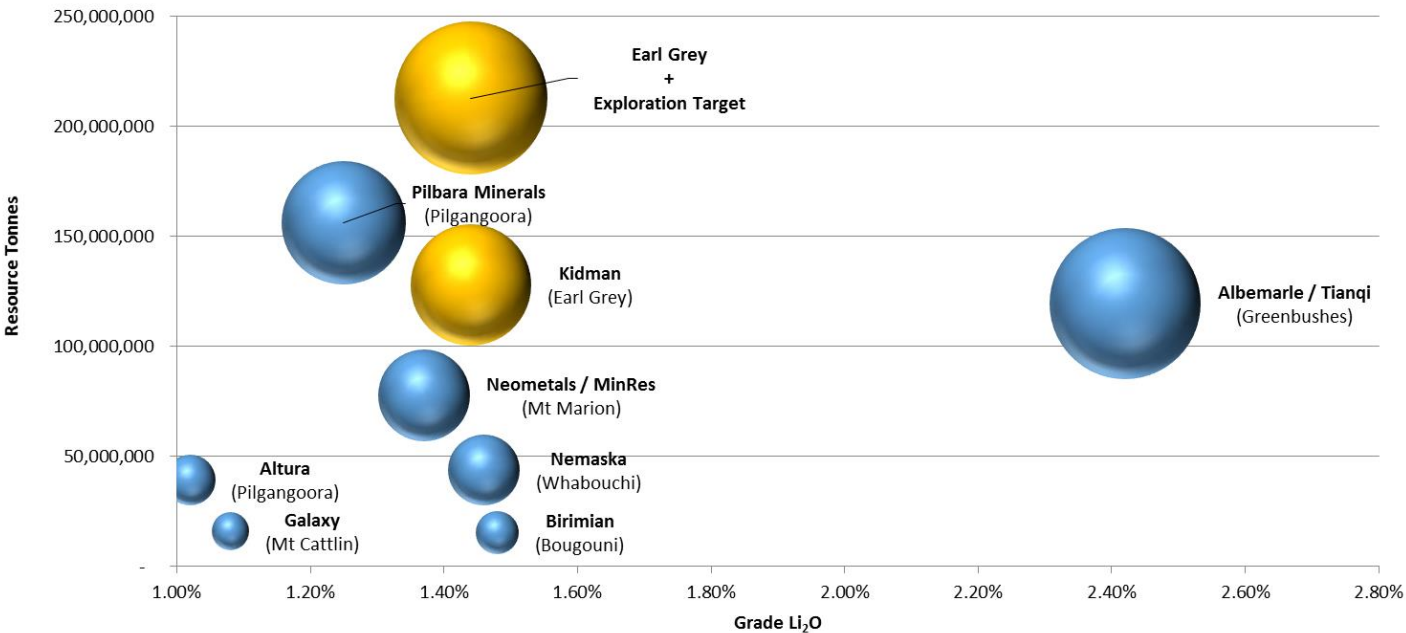




# A WORLD CLASS LITHIUM PROJECT



## ASX Hard-rock Lithium Resources – Earl Grey is a Tier-1 Project



Company	Grade Li <sub>2</sub> O	Resource Tonnes	Contained Lithium Oxide
<b>Kidman Resources</b>			
<b>Earl Grey</b>	1.44%	128,000,000	1,843,200
<b>Altura Mining</b>			
<b>Pilgangoora</b>	1.02%	39,200,000	312,000
<b>Pilbara Minerals</b>			
<b>Pilgangoora</b>	1.25%	156,300,000	1,952,000
<b>Birimian</b>			
<b>Bougouni</b>	1.48%	15,500,000	229,400
<b>Galaxy Metals</b>			
<b>Mt Cattlin</b>	1.08%	16,000,000	172,800
<b>Neometals / Mineral Resources</b>			
<b>Mt Marion</b>	1.37%	77,800,000	1,065,860
<b>Albemarle/Tianqi</b>			
<b>Greenbushes</b>	2.42%	119,400,000	2,889,480
<b>Nemaska Lithium</b>			
<b>Whabouchi</b>	1.46%	43,808,000	639,597

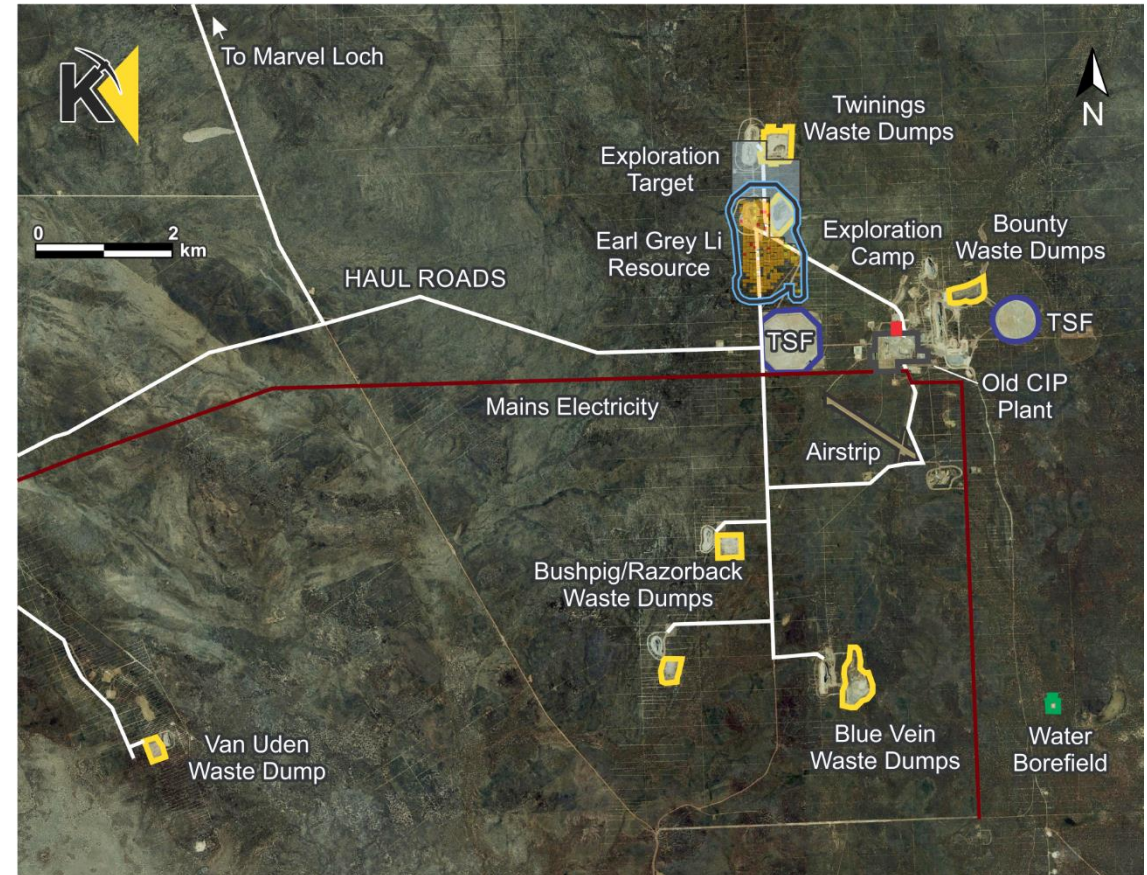
## Strong share price re-rating expected as Kidman advances towards development

\* The Exploration Target potential quantities and grades are conceptual in nature and there has been insufficient exploration to date to define a mineral resource. It is not certain that further exploration will result in the determination of a Mineral Resource under the "Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves, the JORC Code" (JORC 2012). The Exploration Target is not being reported as part of any Mineral Resource or Ore Reserve

# EXISTING INFRASTRUCTURE AND PERMITTING



- Granted Mining Leases
- Existing haulage roads, public road, airstrip & tailings storage facility
- Existing site office and staff accommodation including all amenities in place
- Western Power mains electricity located on site
- Water sourced from the flooded Bounty underground mine and existing borefield
- Communications facilities
- Cleared ROM pad area (sufficient for stockpile and haulage loading)
- This equates to shorter lead times and capital costs to production
- Exclusive option with Poseidon Nickel Ltd to utilise Lake Johnston 1.5Mtpa processing facility





# EARL GREY

*A simple, low risk mine*

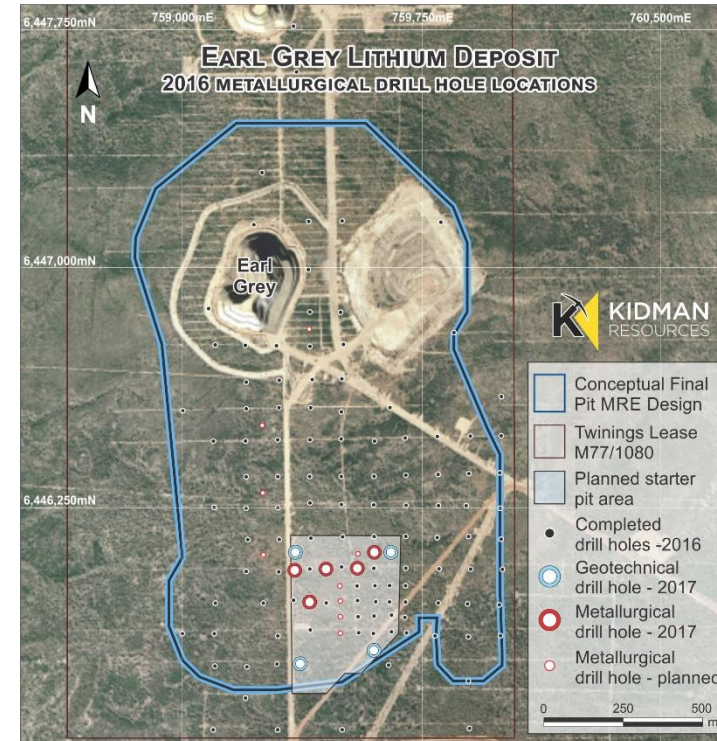


## The Makings of a High Margin Mine

- ✓ Mineralisation starts from surface at the southern end of the deposit
- ✓ Earl Grey is a very large, high grade deposit (1.44% Li<sub>2</sub>O)
- ✓ Low cost, open pit bulk mining
- ✓ Flat lying geometry
- ✓ Average thickness of 70 metres
- ✓ Large scale, and significant exploration upside
- ✓ Twining's Gold JORC resource sits above northern portion of deposit and Exploration target

## Multiple Development Options

- Earl Grey offers short timeframe and lower capital cost to development:
  - ✓ Situated on granted Mining Leases
  - ✓ Significant site infrastructure already in place
  - ✓ Exclusive option in place to utilise Poseidon Nickel's Lake Johnston 1.5Mtpa processing facility
  - ✓ Engineering studies underway on Lake Johnston re-start



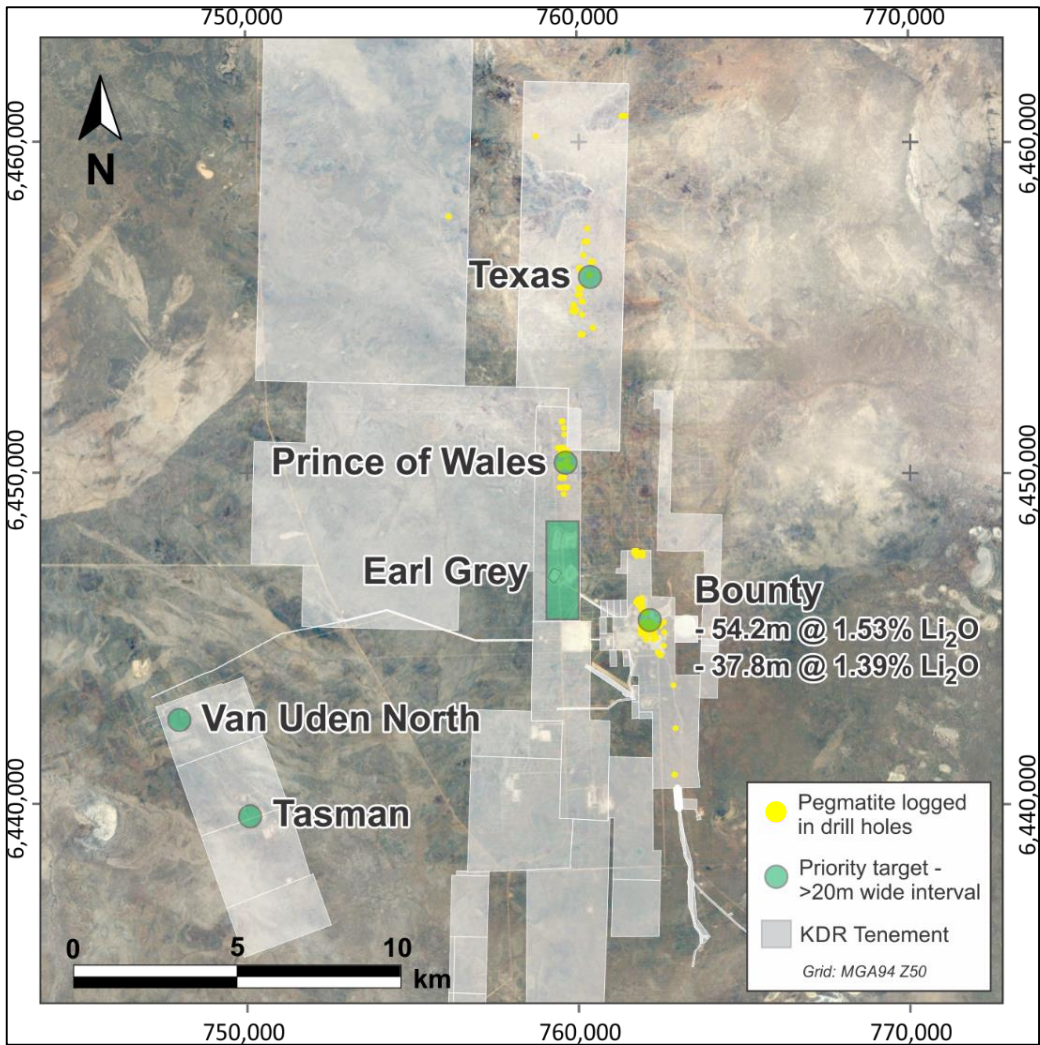
**Top Left:** Earl Grey Lithium Deposit with Conceptual Pit and planned starter pit area



**Bottom Left:** : The 1.5Mtpa Lake Johnston Processing Facility. Kidman has an exclusive option to utilise this plant for 3+2 years from Poseidon.



# SIGNIFICANT UPSIDE OUTSIDE OF EARL GREY



- Numerous intercepts from historic drilling indicating presence of pegmatite throughout Kidman's tenements
- Historic drill core from the Bounty mine area has yielded significant high grade lithium results:
  - 54.2m @ 1.53% Li<sub>2</sub>O\*
  - 37.8m @ 1.39% Li<sub>2</sub>O\*
- Distribution of pegmatite and lithium grades indicates potential for a large lithium-enriched pegmatite field at Mt Holland
- Several >20m intercepts throughout the region to be followed up with additional exploration work

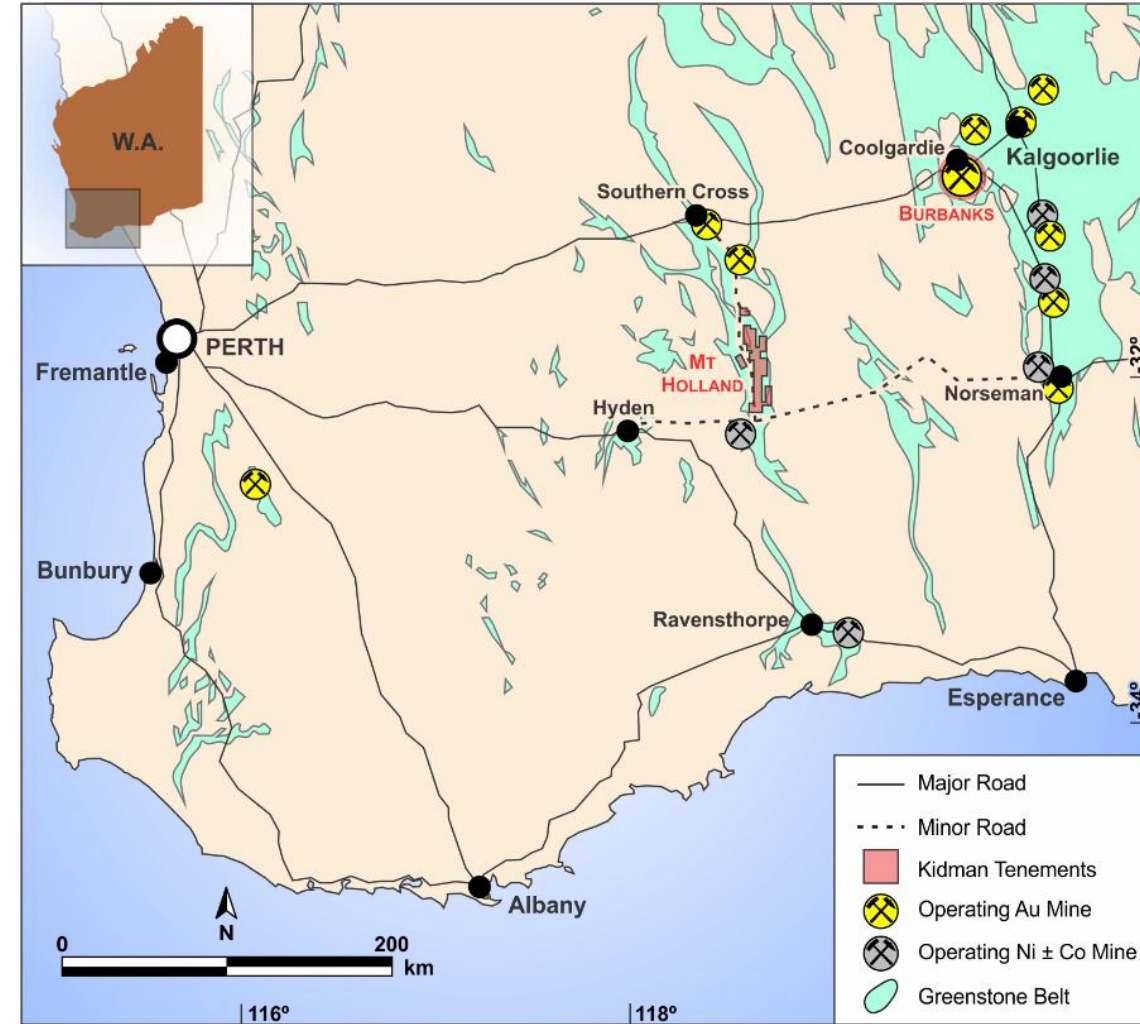
\* Refer to KDR ASX release dated June 2<sup>nd</sup> 2016



# MT HOLLAND GOLD PROJECT



- Acquired in 2016 for \$3.5mil or \$3.20 per resource gold ounce- less than cost of discovery
- Extensive existing infrastructure and gold endowment (See KDR ASX Announcement Dec 18<sup>th</sup> 2015)
- Near-term development potential from Blue Vein, Van Uden, and Twinings open pits with Twinings sitting above the Earl Grey Lithium deposit
- Located on the Forrestania Greenstone Belt (50km of strike) , south and adjacent to Hanking Gold's Southern Cross operations (4.6Moz resource inventory)
- Considerable potential to grow scale through aggressive exploration program in the broader Mt Holland tenements
- Fully permitted with granted Mining Leases
- High grade gold potential at depth at several historical open pits within the Mt Holland Gold Project
- Aggressive drilling programs planned to delineate further resources, and to test depth potential
- Priority drilling at Blue Vein deposit aiming to increase size and upgrade Resource category

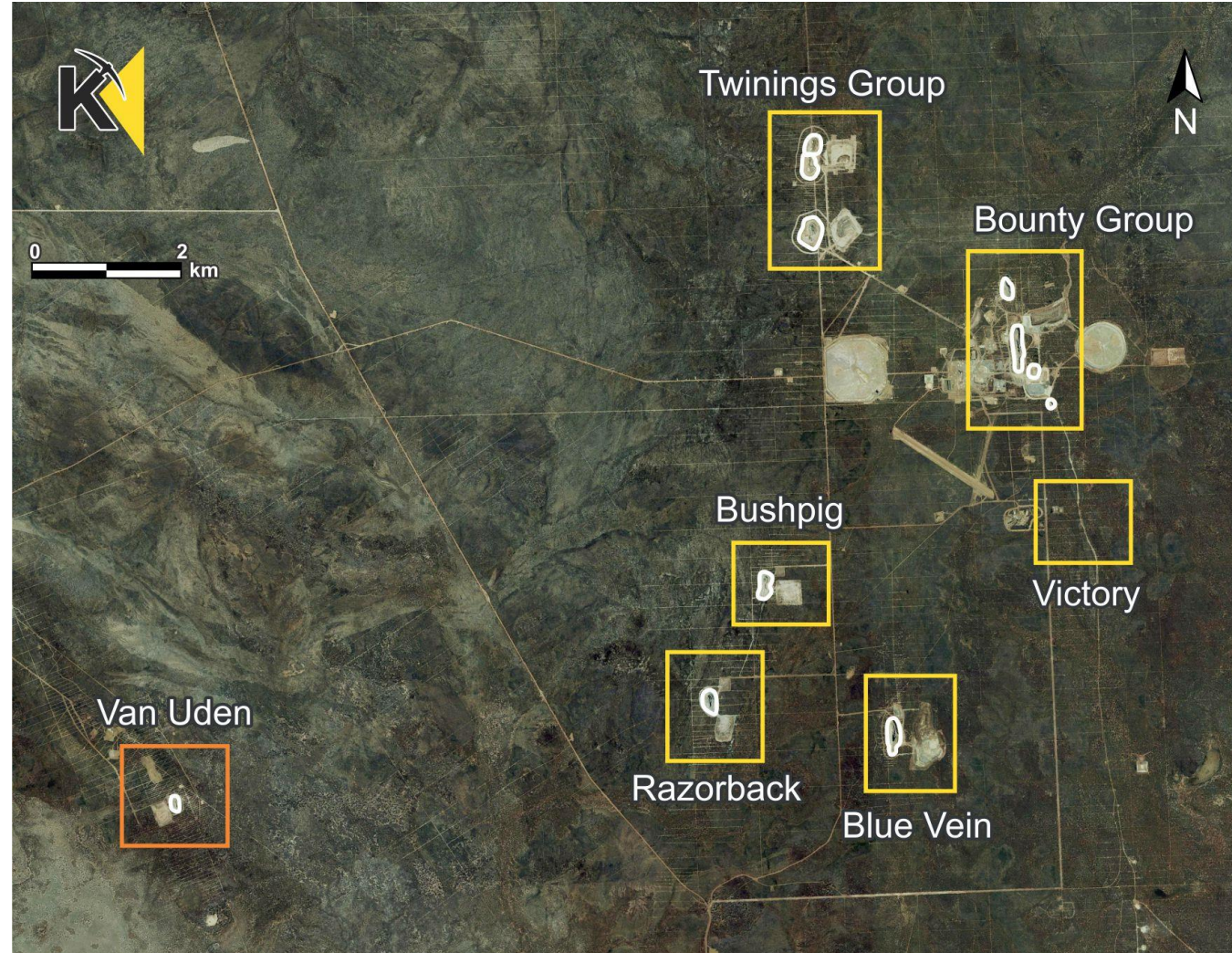




# MULTIPLE GOLD PROJECTS AT MT HOLLAND

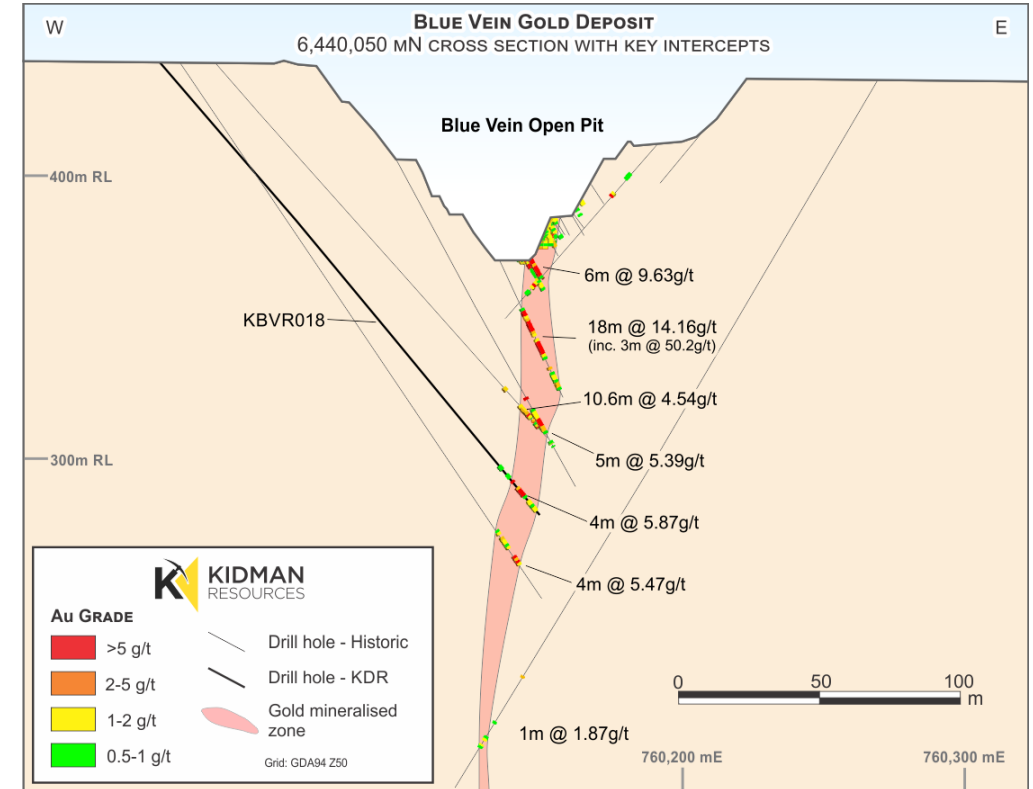
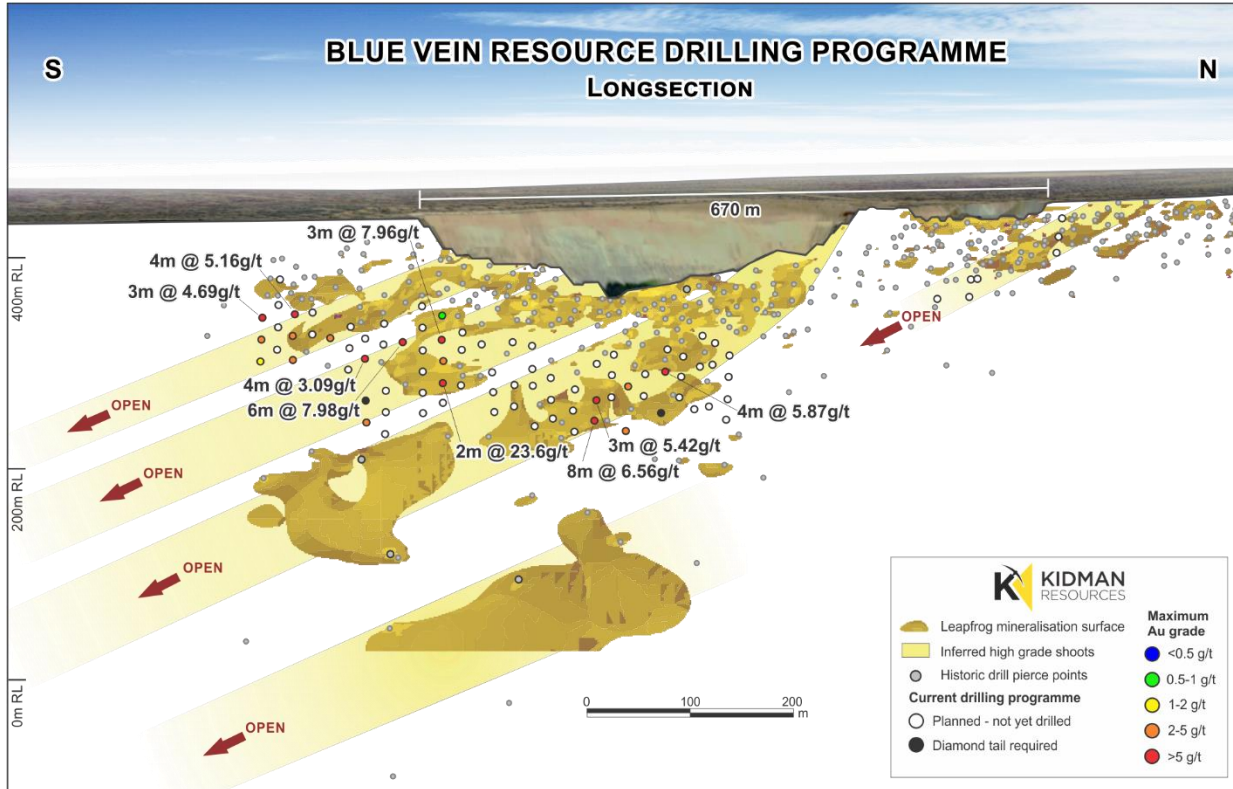


- Priority Gold project is Blue Vein where recent drilling has returned high grade gold intercepts aimed at a resource upgrade
- Twinings Group sits directly above the Earl Grey Lithium deposit and remains open towards the contact with the pegmatite
- Further drilling planned to further define Twinings Gold Resource as part of future Lithium pre strip
- Van Uden has gold mineralisation exposed at bottom of Tasman open pit
- All gold prospects remain open = further drilling aimed at resource upgrades
- Other targets such as Gold City confirmed by drilling with maiden resource estimates planned



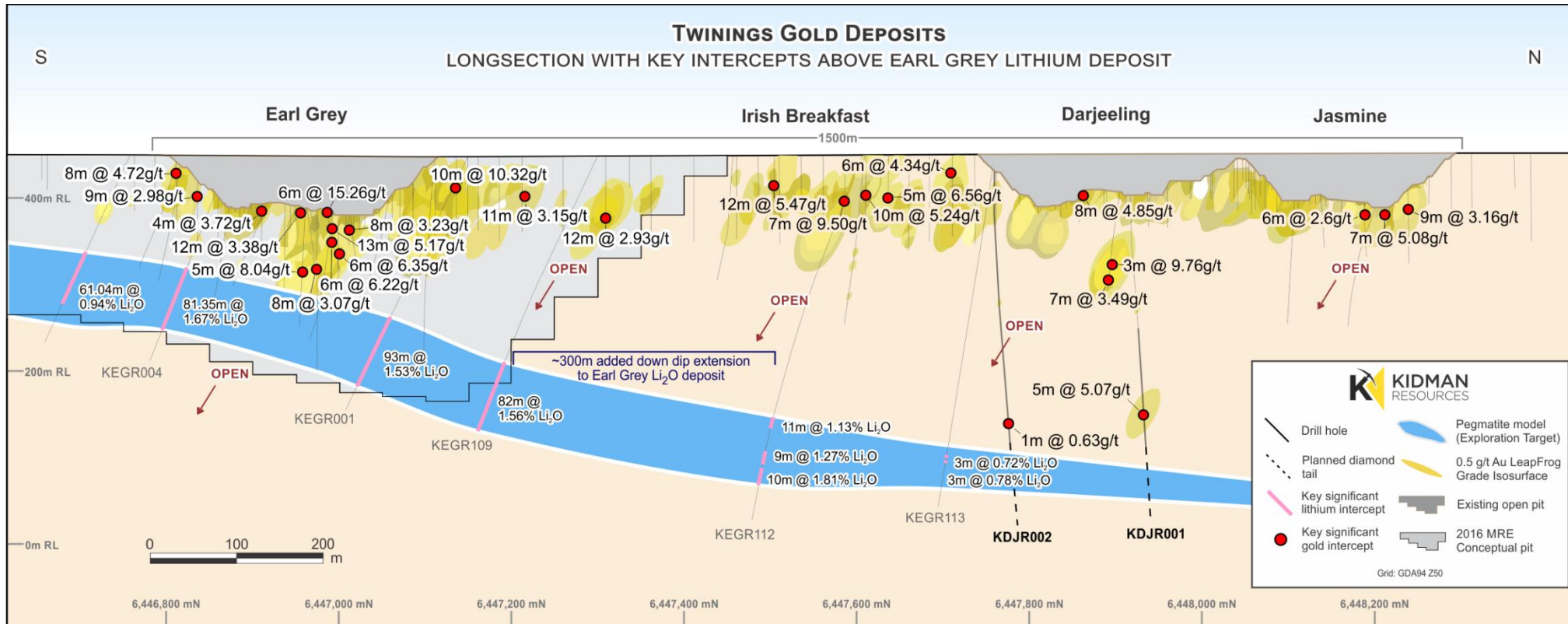


# BLUE VEIN GOLD PROJECT



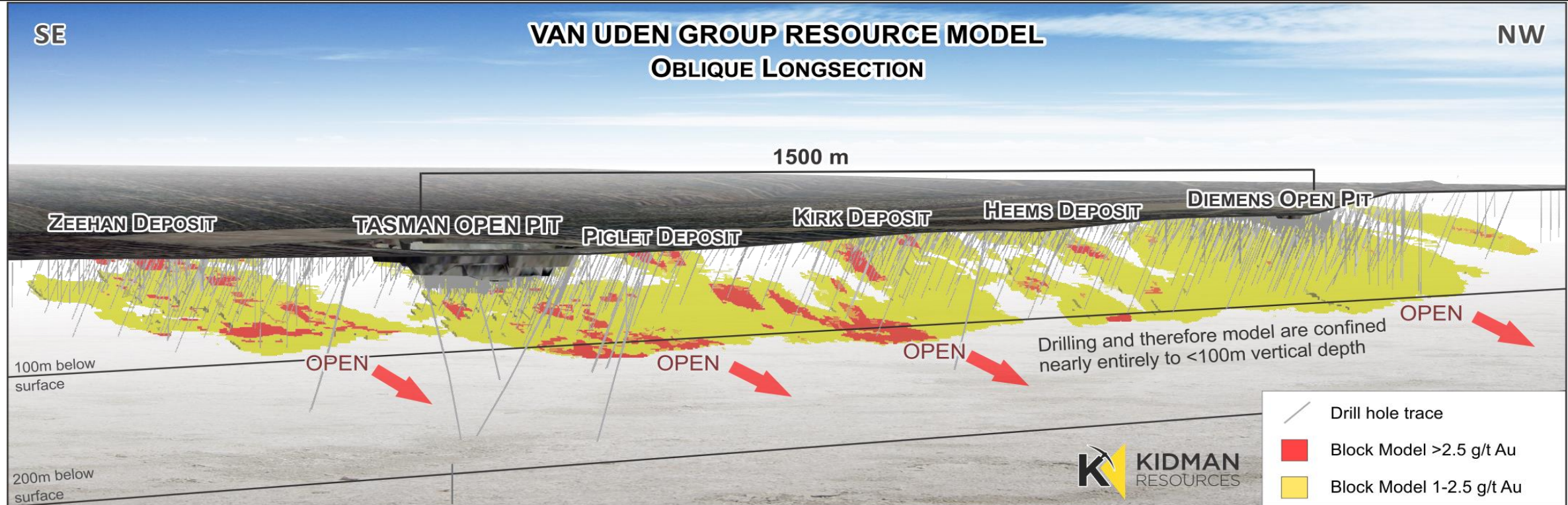
- Strong grade continuity in first phase of Resource infill drill programme
- Consistent grades found in the upper portions of the deposit will contribute to stronger confidence in first phases of mining
- Shoot geometry and high grade potential has been confirmed and will be targeted for the remaining phases of the resource definition programme.

# TWINING'S GOLD PROJECT



- Historic Gold resource sits above the 128Mt @ 1.44% Li<sub>2</sub>O Earl Grey Lithium Resource
- Exploration potential to upgrade down dip extensions to all four Twinings Deposits as well as sub-parallel structures that contain significant high grade potential yet to be mined
- Significant grades include 10m @ 10.32g/t Au, 6m @ 15.26g/t Au and 7m @ 9.50g/t Au (See KDR ASX Announcement 23<sup>rd</sup> January 2017)

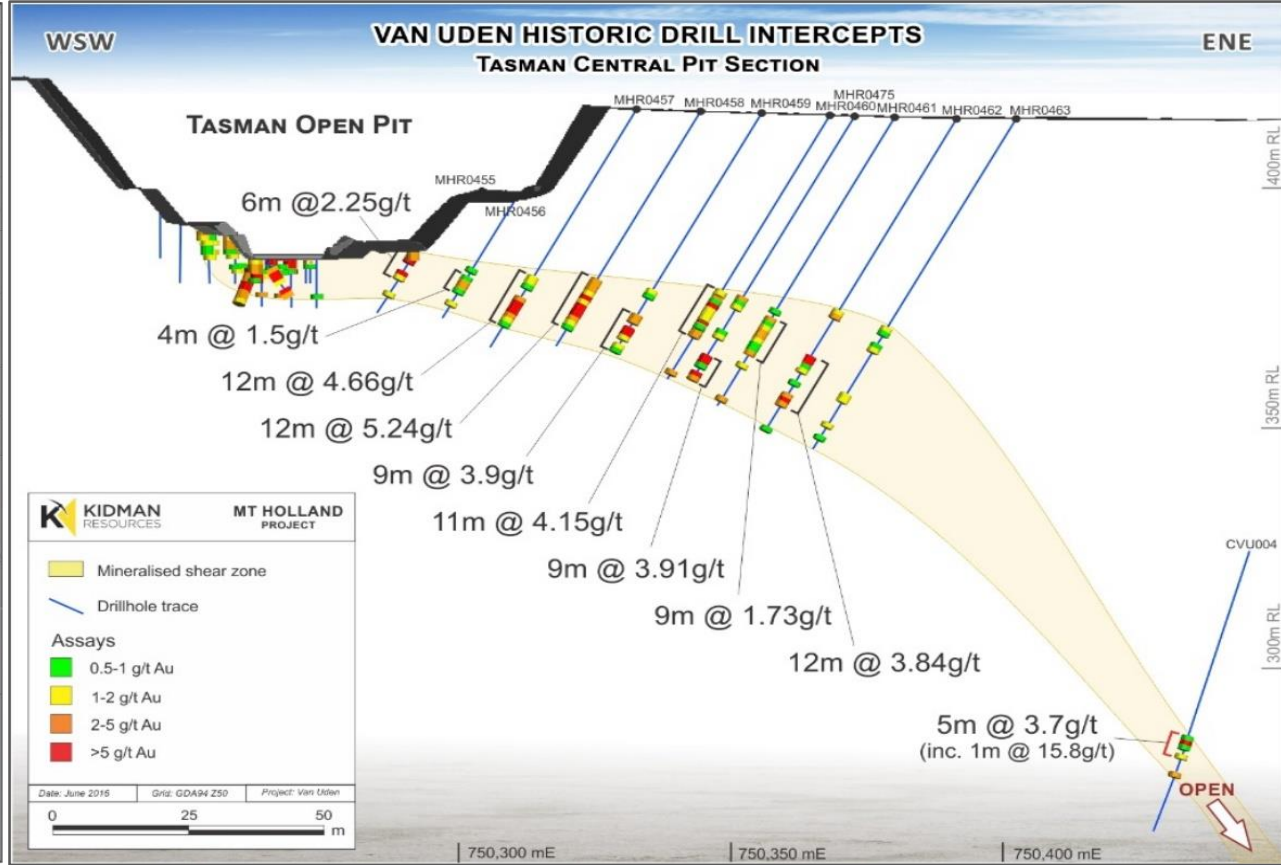
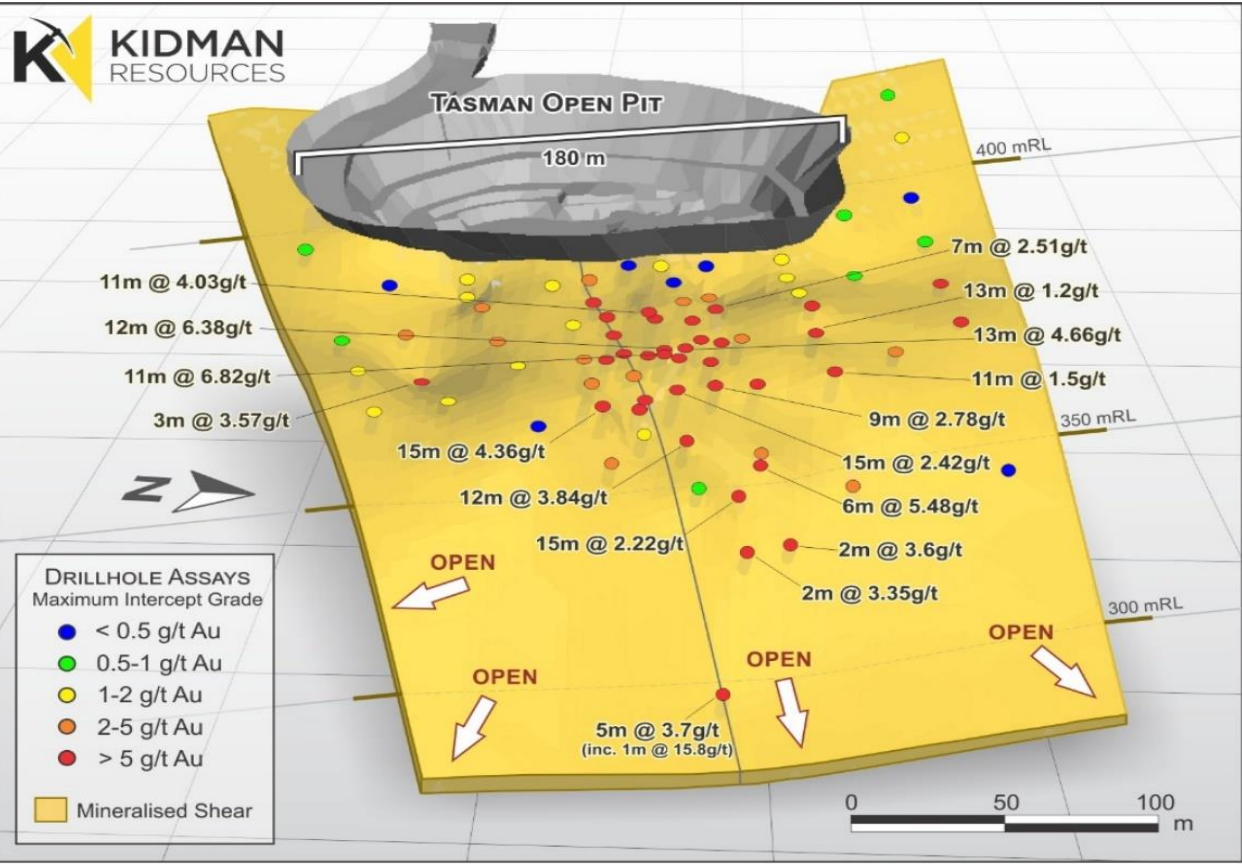




- Drill and Pit Optimisation undertaken pit Kidman Resources shows the potential for a cut back on the Tasman Open Pit with significant mineralised horizons yet to be mined.
- Aiming to upgrade existing resource which is open along strike and at depth with only 8 of 2058 holes drilled deeper than 100m below surface, none below 200m
- Future work will involve infill drilling to increase grade confidence and the delivery of a potential very significant gold Resource to supplement the other deposits of the district



# VAN UDEN GOLD PROJECT



- Optimisation work completed on cut back of Tasman open pit
- Further drilling planned to upgrade and extend resource
- Significant Intercepts from historic drilling include, 12m @ 4.66g/t Au, 12m @ 5.24g/t Au and 11m @ 4.15g/t Au.



## Strong news flow from Lithium and Gold assets at Mt Holland

- Drilling at Earl Grey to upgrade lithium resource and target maiden reserve
- Metallurgical drilling and ongoing testwork with next results imminent
- Engineering and Mine planning studies
- Feasibility study
- Ongoing discussions regarding potential off-take agreements
- Further regional exploration drilling for both lithium and gold



# INVESTMENT HIGHLIGHTS



- High grade lithium discovery to **Tier-1 Lithium Resource** in less than 5 Months
- Over 16,800 meters of drilling completed since mid-July to produce a JORC Mineral Resource: **128 Million Tonnes at 1.44% Li<sub>2</sub>O for 4.54Mt Lithium Carbonate Equivalent (LCE)**
- Significant potential for further growth in resources:
  - High grade lithium intersected 600m north of current resource boundary
  - **Exploration Target of 75 -100 Million Tonnes at 1.3 -1.5% Li<sub>2</sub>O**

The Exploration Target potential quantities and grades are conceptual in nature and there has been insufficient exploration to date to define a mineral resource. It is not certain that further exploration will result in the determination of a Mineral Resource under the “Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves, the JORC Code” (JORC 2012). The Exploration Target is not being reported as part of any Mineral Resource or Ore Reserve
- Potential for fast-tracked route to development:
  - Granted Mining Lease
  - Extensive infrastructure already in place
  - Exclusive option to process through Poseidon Nickel’s Lake Johnston 1.5Mtpa facility
- Metallurgical and Engineering studies are underway, forming basis of Feasibility study due for completion in Q2 2017
- Mt Holland Gold Project offers large leverage to gold, and will be pursued in parallel
- **Enterprise Value of <\$150M** offers significant potential for re-rating towards peer valuations
- Strong news flow to come throughout 2017 from both gold and lithium developments being pursued at our Mt Holland Project





**KIDMAN**  
RESOURCES

