

# ASX ANNOUNCEMENT

20 July 2023

## ABOUT CALIDUS RESOURCES

Calidus Resources is an ASX listed gold producer that is ramping up the 1.7Moz Warrawoona Gold Project in the East Pilbara district of Western Australia.

## DIRECTORS AND MANAGEMENT

Mr Mark Connelly  
NON-EXECUTIVE CHAIRMAN

Mr David Reeves  
MANAGING DIRECTOR

Mr John Ciganek  
NON-EXECUTIVE DIRECTOR

Ms Kate George  
NON-EXECUTIVE DIRECTOR

Mr Paul Brennan  
CHIEF OPERATING OFFICER

Mr Richard Hill  
CHIEF FINANCIAL OFFICER

Ms Julia Beckett  
COMPANY SECRETARY

[calidus.com.au](http://calidus.com.au)

## Noosa Mining Investor Conference Presentation

Calidus Resources Limited (ASX: CAI) advises that Managing Director, Mr Dave Reeves, will be presenting at the Noosa Mining Investor Conference today, Thursday, 20 July 2023 at 5:00pm (AEST).

The presentation relating to Noosa Mining Investor Conference is attached and can also be found on the Company website:

[www.calidus.com.au](http://www.calidus.com.au)

For the purpose of Listing Rule 15.5, Mr Dave Reeves, Managing Director, has authorised for this announcement to be released.

**For further information please contact:**

**Dave Reeves**  
Managing Director

✉ [info@calidus.com.au](mailto:info@calidus.com.au)

## ASX : CAI

✉ [info@calidus.com.au](mailto:info@calidus.com.au)

📍 Suite 12, 11 Ventnor Ave  
West Perth WA 6005  
AUSTRALIA



## NOOSA MINING CONFERENCE

Warrawoona Gold Project – Western Australia

July 2023

ASX:CAI | [calidus.com.au](http://calidus.com.au)

# Important Information

This presentation has been prepared by Calidus Resources Limited (the Company or Calidus) and is authorised by the Board of Calidus.

Not for release to US wire services or distribution in the United States.

## DISCLAIMER

This presentation is not an offer document and does not constitute investment advice. Neither this presentation nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of shares in any jurisdiction. This presentation does not take into account any person's particular investment objectives, financial resources or other relevant circumstances and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. All securities transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments. Before making an investment decision, prospective investors should consider the appropriateness of the information having regard to their own investment objectives, financial situation and needs and seek legal, accounting and taxation advice appropriate to their jurisdiction. This Presentation does not purport to contain all the information that a prospective investor may require in connection with any potential investment in the Company. It should be read in conjunction with, and full review made of the Company's disclosures and releases lodged with the Australian Securities Exchange (ASX) and available at [www.asx.com.au](http://www.asx.com.au).

To the fullest extent permitted by law, Calidus and each of its related bodies corporate, and each of their directors, officers, employees, contractors and professional advisors, do not make any representation or warranty, express or implied, as to the accuracy or completeness of any information, statements, opinions, estimates, forecasts or other representations contained in this presentation. No responsibility for any errors or omissions from this presentation arising out of negligence or otherwise is accepted.

This presentation includes forward looking statements (including in respect to estimated resources and reserves, planned production and operating costs profiles, planned capital requirements and planned strategies and corporate objectives). Forward looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Calidus. These risks, uncertainties and assumptions include commodity prices, currency fluctuations, economic and financial market conditions in various countries and regions, environmental risks and legislative, fiscal or regulatory developments, political risks, project delay or advancement, approvals and cost estimates. Actual values, results or events may be materially different to those expressed or implied in this presentation. Given these uncertainties, readers are cautioned not to place reliance on forward looking statements. Any forward looking statements in this presentation speak only at the date of issue of this presentation. Subject to any continuing obligations under applicable law and the ASX Listing Rules, Calidus does not undertake any obligation to update or revise any information or any of the forward looking statements in this presentation or any changes in events, conditions or circumstances on which any such forward looking statement is based. Forward looking All-In-Sustaining Cost estimates have been prepared on a real basis at a project level. Any All-In-Sustaining Cost, pre-tax free cashflow and IRR estimates in this Presentation are based on the economic assumptions detailed in [insert reference to relevant ASX announcement].

## COMPLIANCE STATEMENT - WARRAWOONA GOLD PROJECT

The information in this presentation that relates to Exploration Results, Mineral Resources, Ore Reserves and Production Targets (and the forecast financial information derived from the production targets) at the Warrawoona Gold Project has been previously released to the ASX on 29 September 2020 and 21 September 2022. The Company confirms it is not aware of any new information that materially affects the announcement and that all material assumptions underpinning the Exploration Results, Mineral Resources, Mineral Ore Reserves and Production Targets (and the forecast financial information derived from the production targets) continue to apply and have not materially changed.

## COMPLIANCE STATEMENT - BLUE SPEC GOLD / ANTIMONY PROJECT

The information in this presentation that relates to Exploration Results and Mineral Resources and Ore Reserves at the Blue Spec Gold / Antimony Project has been previously released to the ASX on 2 October 2020 and 29 September 2022. Further exploration results reported in this presentation were announced on 28 November 2022, 18 January 2023 and 21 February 2023. The Company confirms it is not aware of any new information that materially affects the announcements and that all material assumptions underpinning the Mineral Resources and Ore Reserves continue to apply and have not materially changed.

## COMPLIANCE STATEMENT - PIRRA LITHIUM

The information in this presentation that relates to Exploration Results at the Spear Hill Project have been previously released to the ASX on 8 March 2022 and 11 May 2022, 9 November 2022. The Company confirms it is not aware of any new information that materially affects the announcements.

Demerger – The potential demerger of Pirra Lithium remains subject to various conditions, including entry into a formal demerger agreement, tax and regulatory requirements and shareholder approval.

# Investment Highlights



Warrawoona Gold Project  
1.7 Moz Resources



Staged Production Expansion to +100,000 ozspa



Significant Gold Endowment  
Dominant position in the East Pilbara with recent JV



Attractive Valuation  
EV/ Production Ounce of c. A\$2,514/oz @ 72kozspa v industry  
average of A\$4,583/oz



Significant Upside from Lithium Asset Portfolio



Notes:

1) See slides 8 and 9 for more details

# CORPORATE OVERVIEW

## ASX Code

Share Price (13 July 2023) **\$0.20**

Shares on Issue **549.4m**

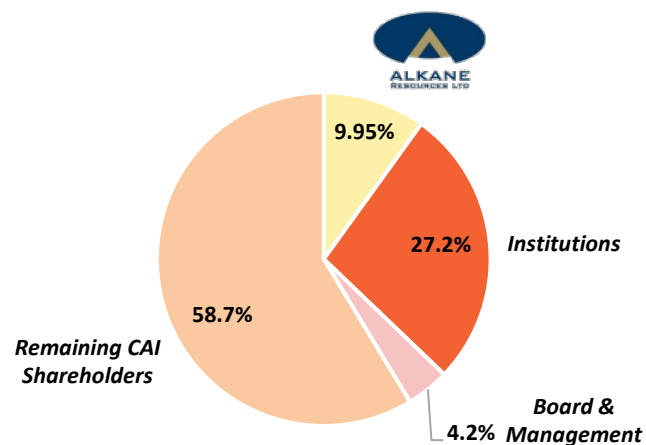
**Market Capitalisation** **\$110m**

Cash (31 March 2023) **\$31.8m**

Debt (30 June 2023) **\$81.0m**

**Enterprise Value** **\$161m**

## Top Shareholders & Broker Coverage

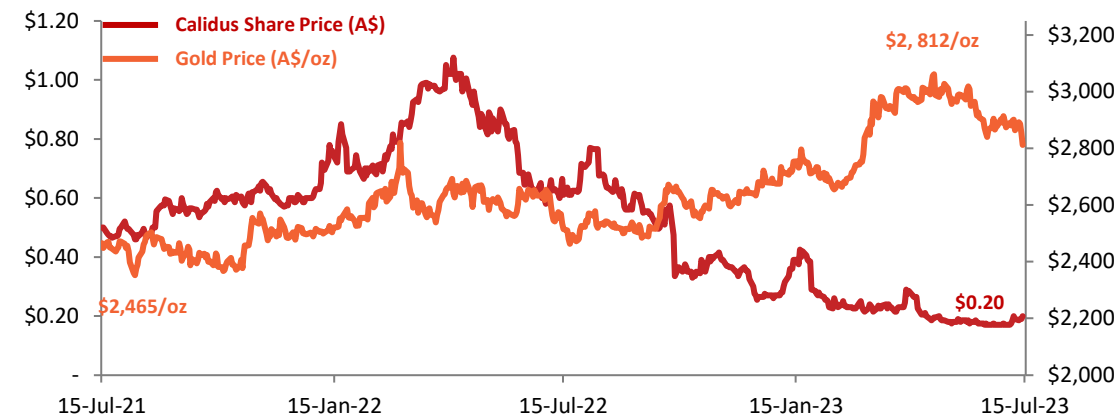


**cg/Canaccord Genuity**

**EUROZ HARTLEYS**

**BLUE OCEAN EQUITIES**

## Share Price & Gold Price (Last 2 Years)



## Board



**Mark Connelly**  
Non-Executive Chairman



**Richard Hill**  
Chief Financial Officer



**Kate George**  
Non-Executive Director



**David Reeves**  
Managing Director



**Julia Beckett**  
Company Secretary



**Don Russell**  
GM Operations



**John Ciganek**  
Non-Executive Director



**Paul Brennan**  
COO

# Stage 1 – Open Pit

## Commercial Production Declared

- Mill currently operating above nameplate of 2.4mtpa
- Excellent gold recoveries of 95 - 97%
- Mining undertaken by Macmahon
- Simple one stage open pit (Klondyke)
- Average Strip Ratio over next three years 3.3:1
- Costs to reduce as strip ratio falls – **Stage 1 forecast AISC of A\$1,750 to A\$1,850/oz** for life of Stage 1

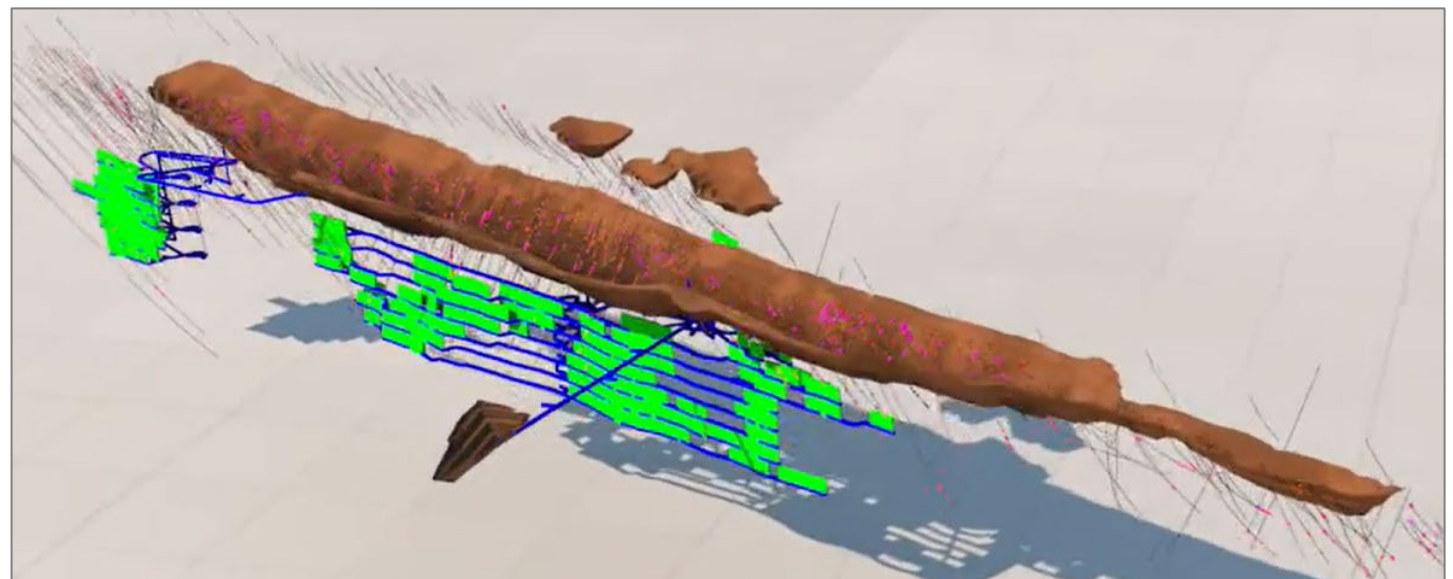
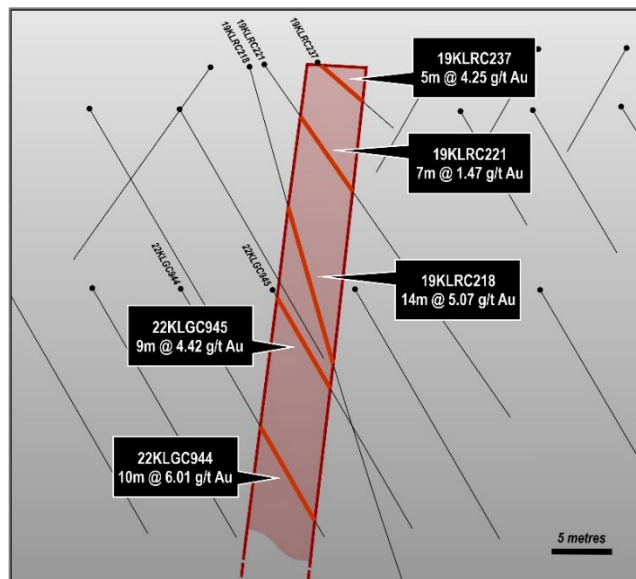
**Klondyke Open Pit**



# Stage 2 – Underground

Increases production to 100,000oz pa

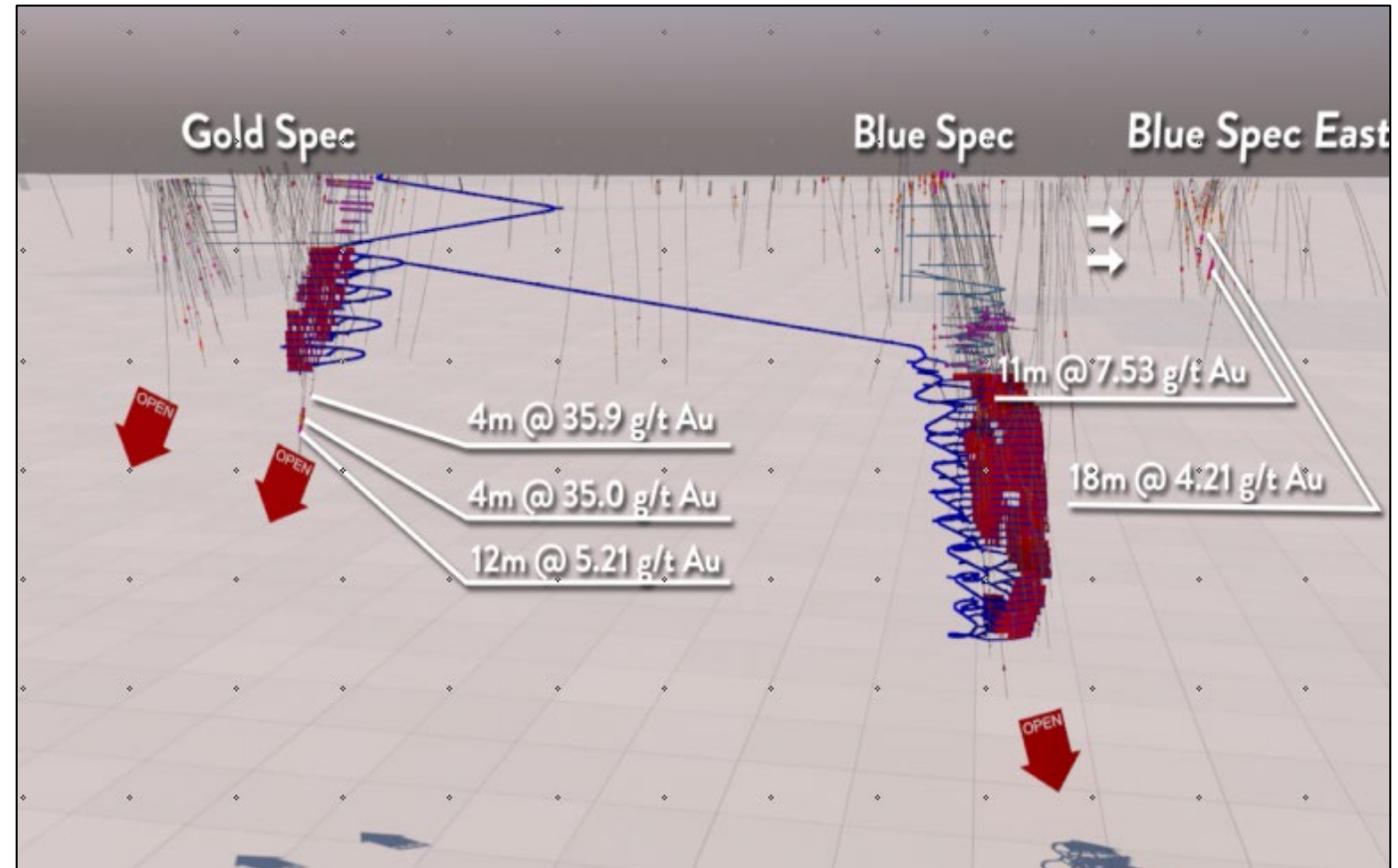
- Simple Long Hole Open Stope below Klondyke Open Pit
- Low cost, large equipment, no backfill, significant ounces per vertical metre
- Current Reserves 1.9Mt at 2.1g/t for 120Koz, Mineable Inventory 3.4mt at 2.2g/t for 240Koz to an average depth of 170m below pit, open at depth
- Grade control drilling supports high grade core – infill diamond drilling planned this FY
- Portal to be developed in pit to reduce development costs



# Stage 3 – Blue Spec

Resource 190,000oz @ 24.4g/t

- Low risk cut and fill mining method
- Truck 10g/t ore 75km to a 100ktpa Sulphide Plant at Warrawoona
- Float (+95% recovery Au) and sell high grade concentrate (antimony credit pays for smelting charge)
- Utilise Warrawoona Infrastructure and overheads to lower costs
- Positive DFS recently released<sup>1</sup>
- AISC A\$1,641
- Peak capital A\$34m (potential to reduce)
- Permitting underway
- FID - H2 CY 2023<sup>2</sup>



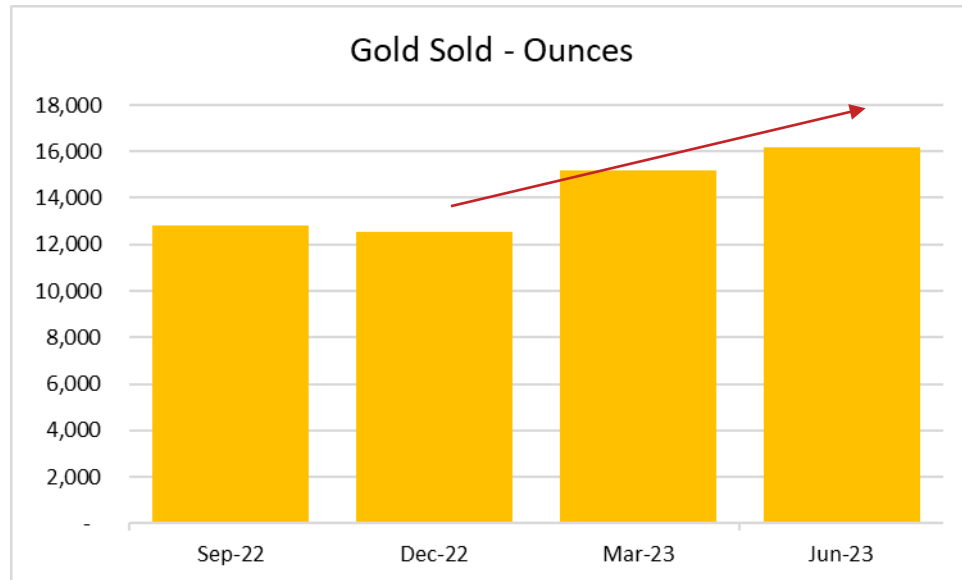
1. See announcement "Maiden Blue Spec Reserve underpins expansion for Warrawoona" 29 Sep 22

2. Is an estimate only and subject to change



# Operational Performance – June Half

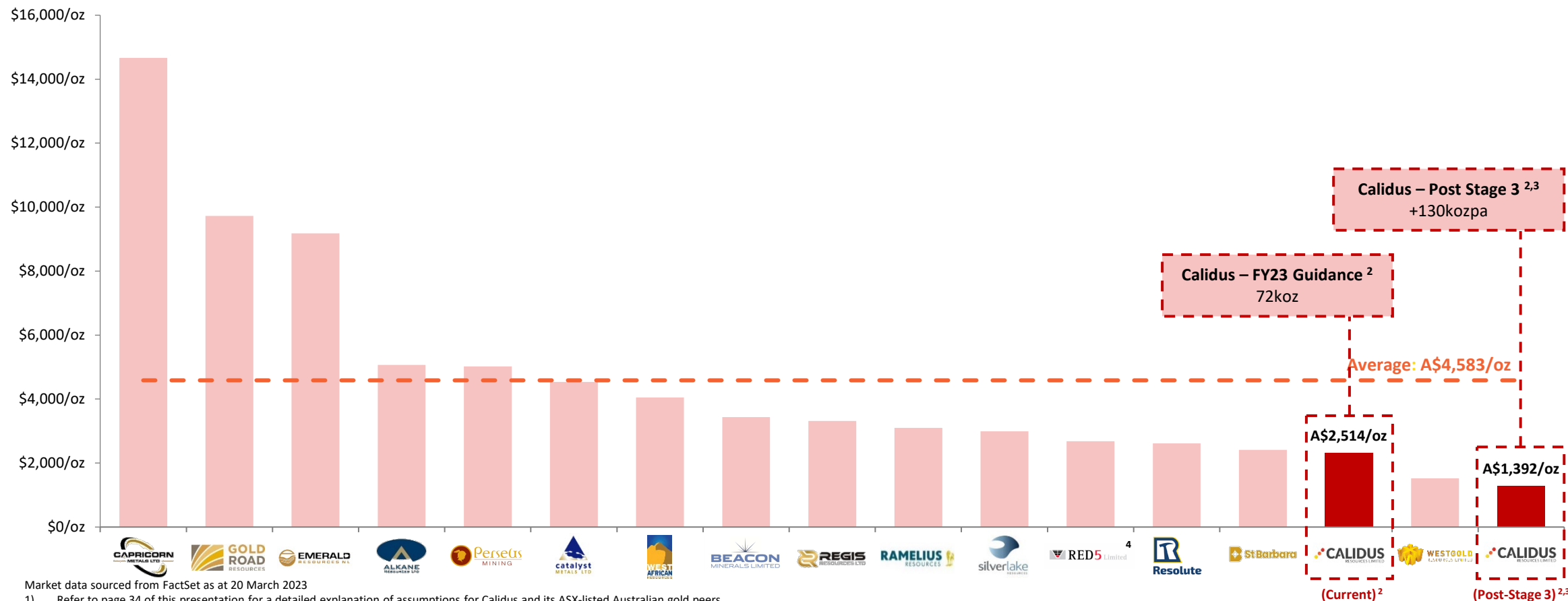
- Warrawoona Gold Project (WGP) June 2023 half gold production totaled 31,364 ounces
- Quarter on quarter increasing production
- All-in Sustaining Cost (AISC) guidance A\$2,000 – A\$2,250/oz
- Average realised price of A\$2,549/oz
- Debt reduced by A\$21m
- Hedge reduced by 20,585 ozs
- Zero Lost Time Injuries and zero Recordable Injuries in the quarter



# Significant Valuation Upside

Valuation at Placement Issue Price implies significant discount to WA gold peers

EV / Production (FY23 Guidance) (A\$/oz) <sup>1</sup>



Market data sourced from FactSet as at 20 March 2023

- 1) Refer to page 34 of this presentation for a detailed explanation of assumptions for Calidus and its ASX-listed Australian gold peers
- 2) Pro Forma Calidus Enterprise Value following A\$20m placement raising (see slide 10)
- 3) Refer to section IV of this presentation for further details on Calidus' production expansion strategy
- 4) Annualised H2 FY23 production guidance

# Unlocking the Potential of the East Pilbara Goldfield in Western Australia

## Growth Strategy

1

### Near Mine

- Klondyke Deposit open along strike and down dip
- Multiple Warrawoona structural trends

2

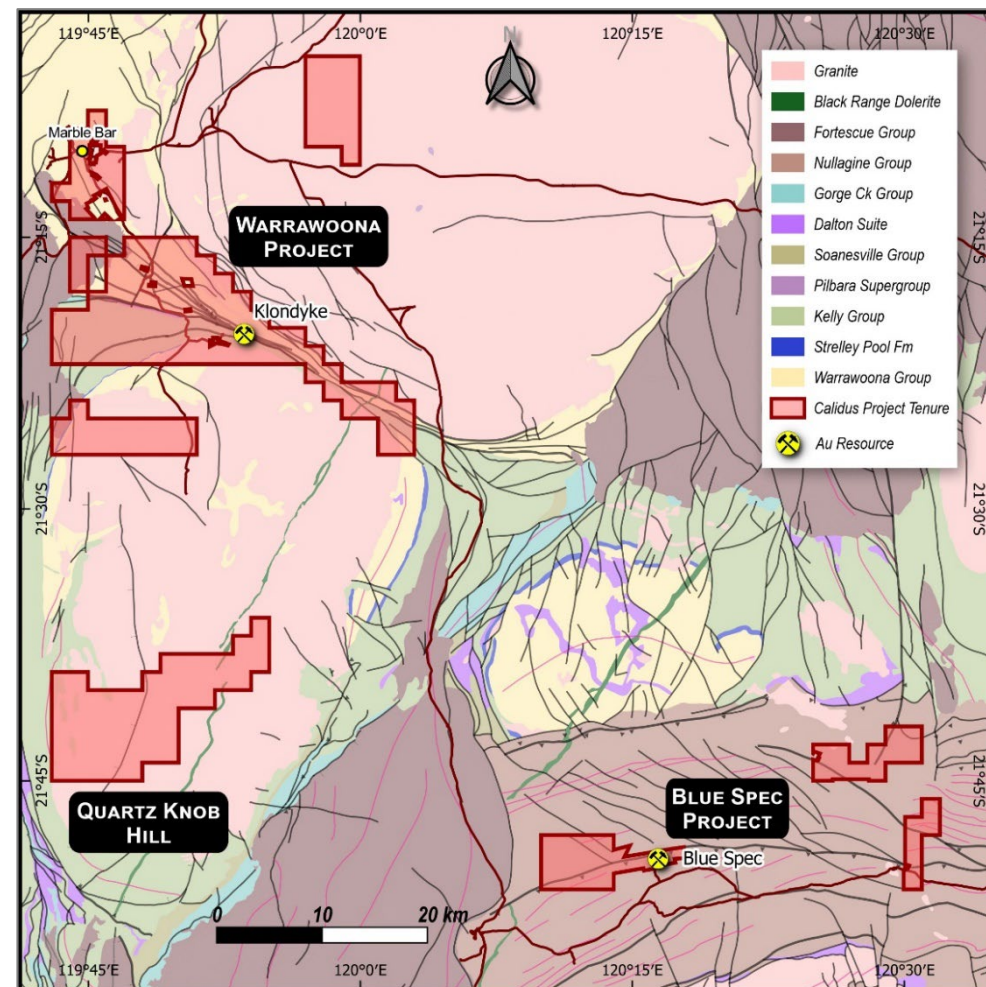
### Warrawoona Regional

- Drilling has confirmed the down-dip extension of the Marble Bar quartz reef with high-grade intercepts
- Actively assessing regional M&A consolidation opportunities

3

### Blue Spec, Blue Spec East & Felix

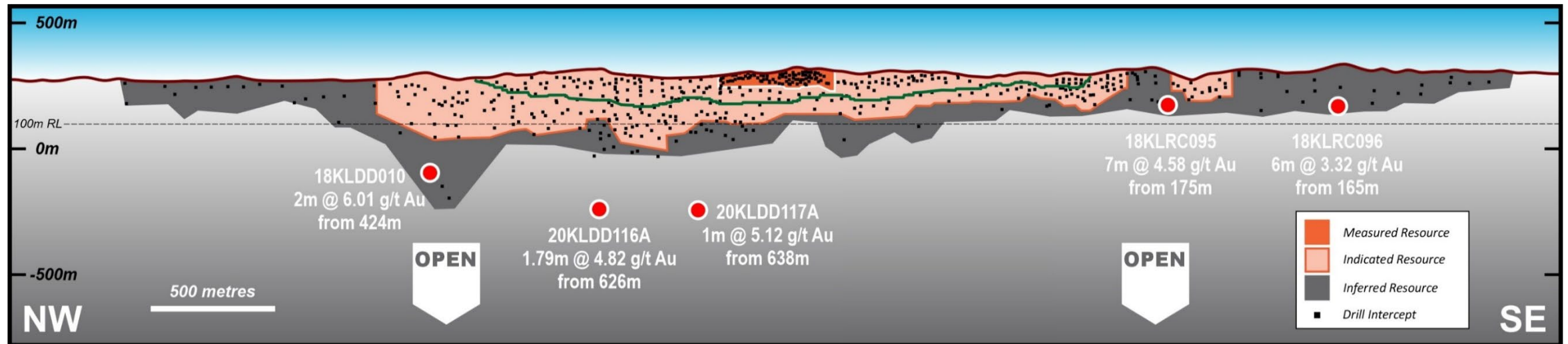
- High-grade mineralisation open down dip and along strike
- Blue Spec East suggest potential for open-pit operation<sup>1</sup>:
  - ▶ 52m @ 1.40g/t Au from 22m, 20m @ 1.41g/t Au from 44m and 10m @ 1.95g/t Au from 81m
- Felix recent results include
  - ▶ 6m @ 40.15g/t Au from 38m, 41m @ 2.37 g/t Au from 32m, 7m @ 4.52g/t Au from 46m, 15m @ 2.19g/t from 22m
  - ▶ Recent soil sampling complete, additional areas highlighted for follow up drilling



# Immediate Mine Life Growth

## Klondyke Remains Open Down Dip & Along Strike

- Mine plan only extends to 250m below surface
- Only limited drilling below 250m depth has been completed
- Previous deeper holes (+450m) below surface confirm continuation of mineralisation
- Currently reviewing more detailed grade control results to define target drilling of high-grade shoots at depth
- Results from east of the pit show excellent potential and require further follow up
- Budget allows for both underground and extensional drilling this year



# Haoma JV

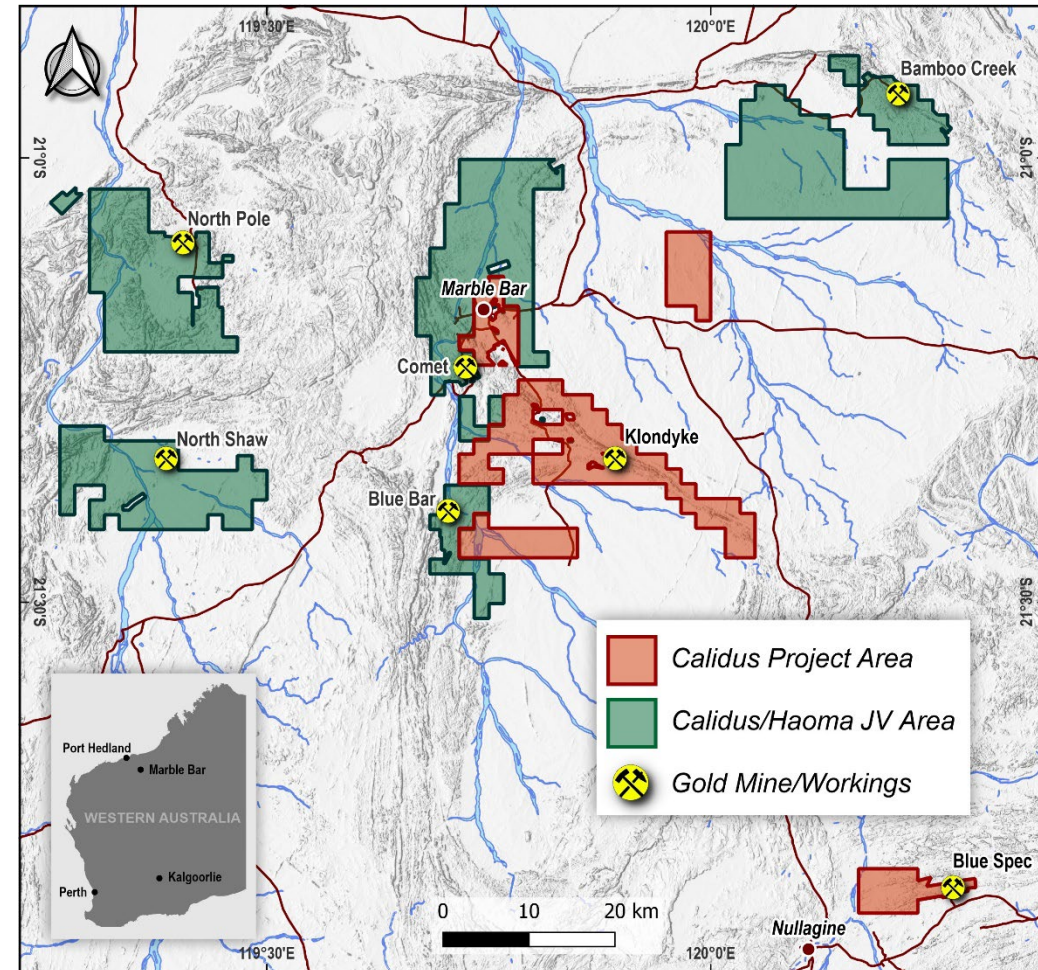
## Secures vast majority of all known deposits in East Pilbara

- Access 1,135sqkm of tenure
- Includes Bamboo Creek, Comet, Mickeys Find, Normay, Blue Bar
- All within trucking distance
- 60:40 profit share (CAI:HAO)
- More details to be released on a project by project basis
- Sampling work already commenced at Blue Bar



Blue Bar auger drilling and stockpile sampling completed – awaiting results

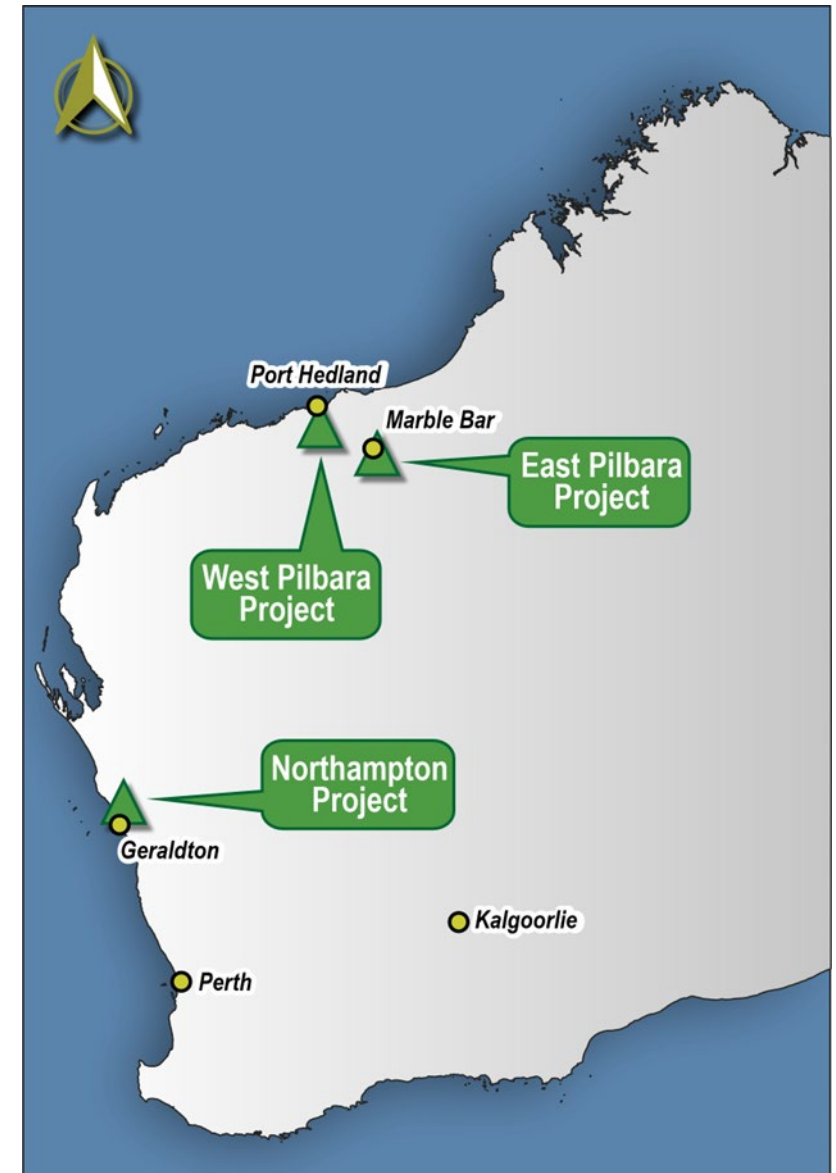
### Joint Venture Area



# Lithium Exploration

## Pilbara and Northampton Lithium

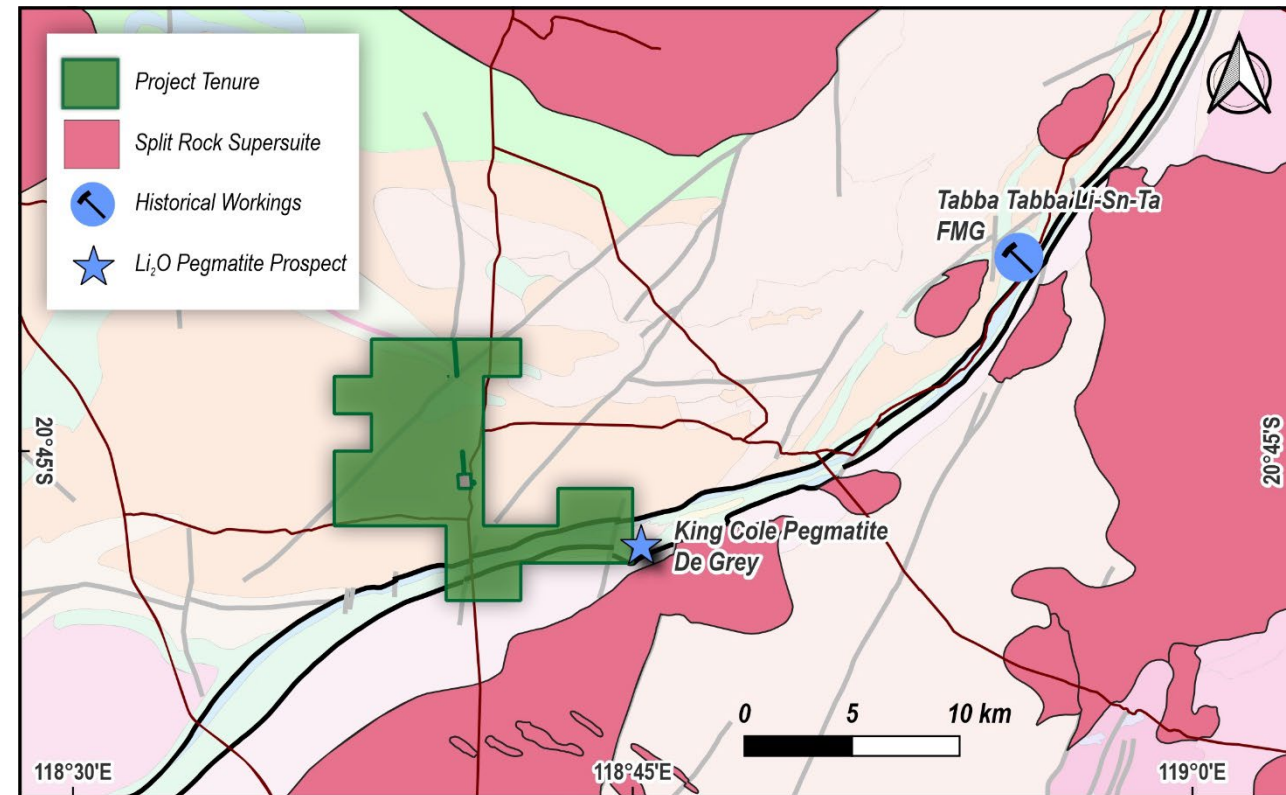
- Pirra Lithium - 40/60 ownership with Haoma Mining NL, covering 1,681km<sup>2</sup> of highly prospective tenure
- 89km<sup>2</sup> in the West Pilbara – 400m along strike from De Greys King Col lithium pegmatite (27.3m @ 1.14% Li<sub>2</sub>O)
- 1,303km<sup>2</sup> in the East Pilbara both at Marble Bar surrounding Global Lithiums Archer deposit and at Spear Hill where Pirra has discovered lithium pegmatites
- 289km<sup>2</sup> in the Northampton Inlier – similar geology to recent lithium discoveries in the Gascoyne
- Prospectus and Independent Geologists Report commenced for planned demerger of Pirra
- Calidus managing exploration until till demerger completes



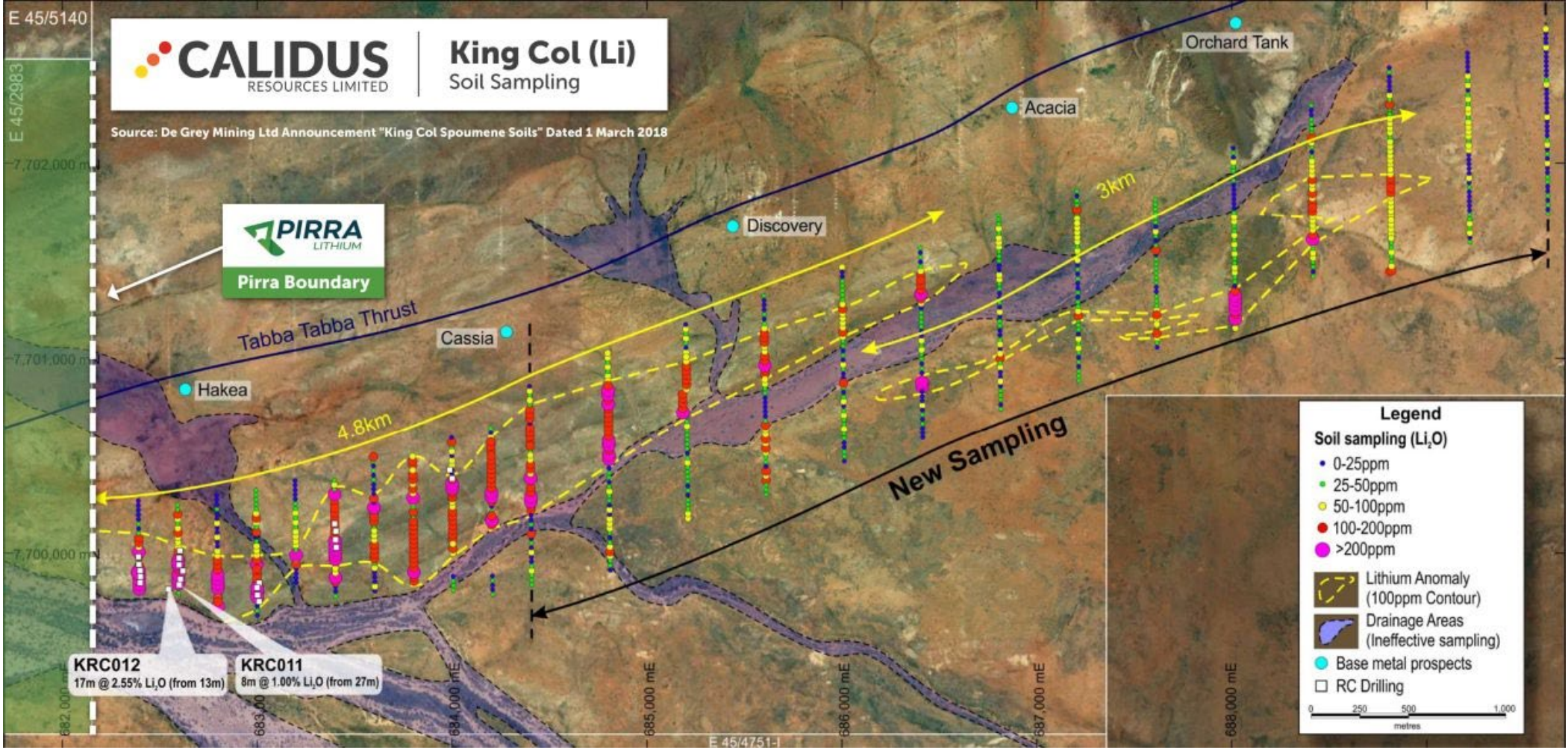
# Lithium Exploration – West Pilbara

## Tenement 400m along strike from known lithium pegmatite

- Tenements cover 10km of the Tabba Tabba Shear
- Tabba Tabba Shear hosts a lithium deposit held by FMG and the King Cole pegmatite of De Grey which intersected 27.3m @ 1.14% Li<sub>2</sub>O
- Largely unexplored land package with no systematic or modern exploration for lithium bearing pegmatites
- This is a priority target for Pirra



# Lithium Exploration – West Pilbara

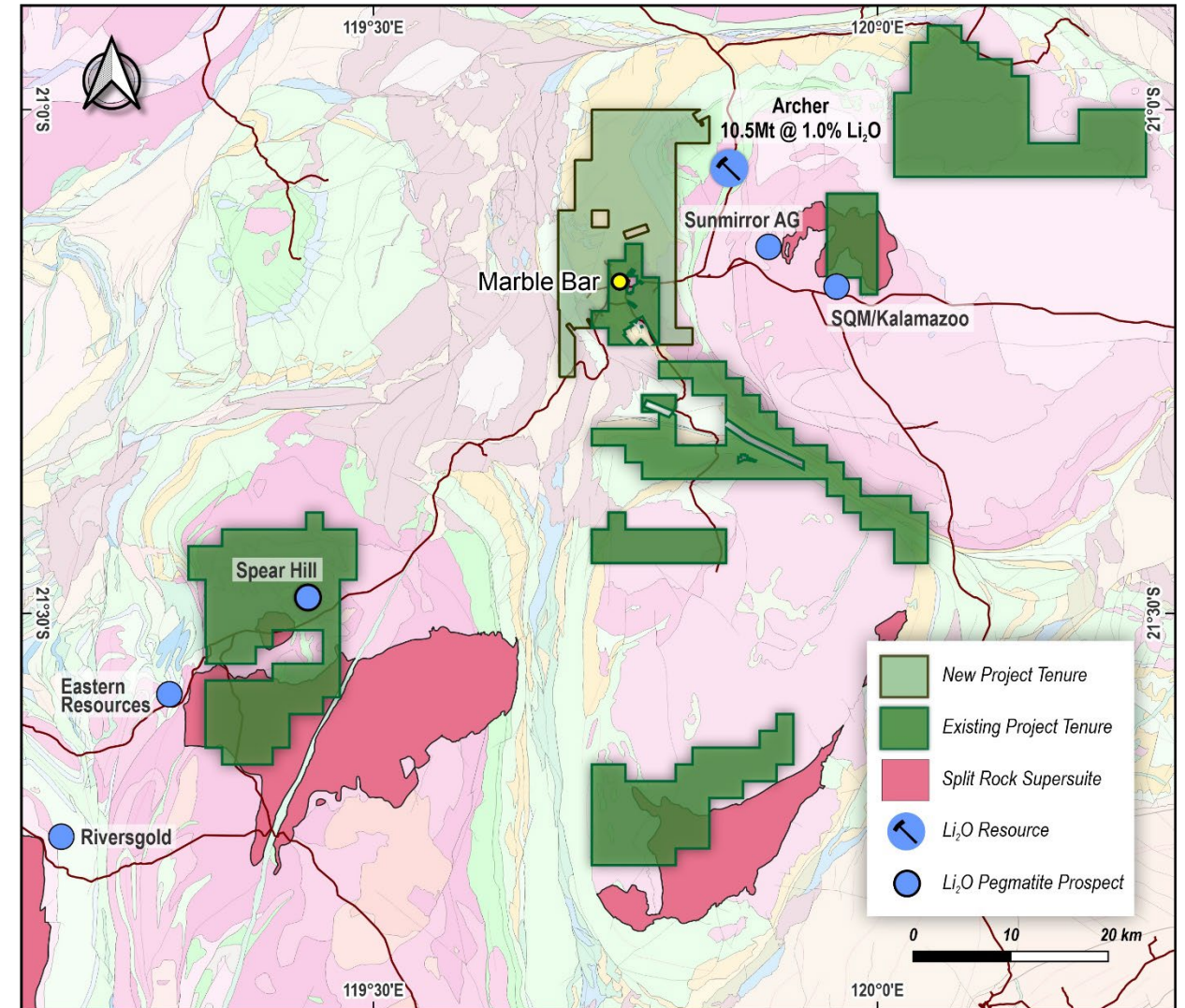




# Lithium Exploration – East Pilbara

## Extensive Tenement Holdings Targeting Lithium

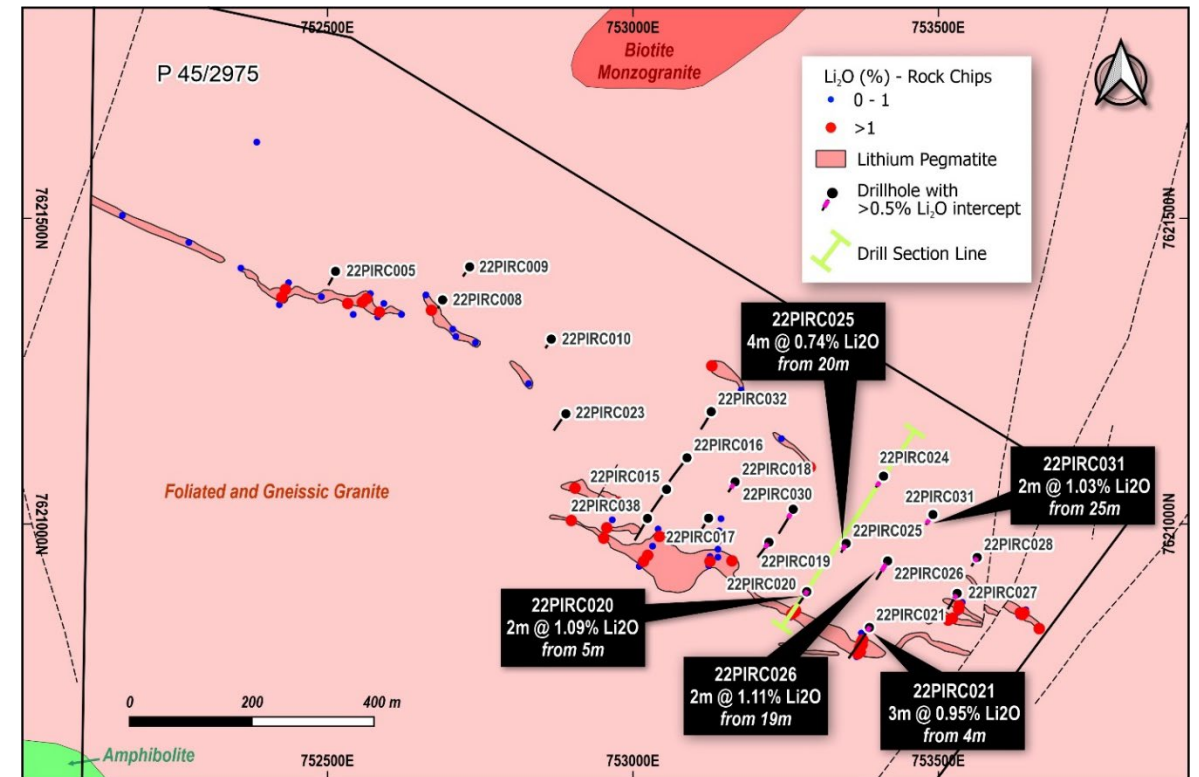
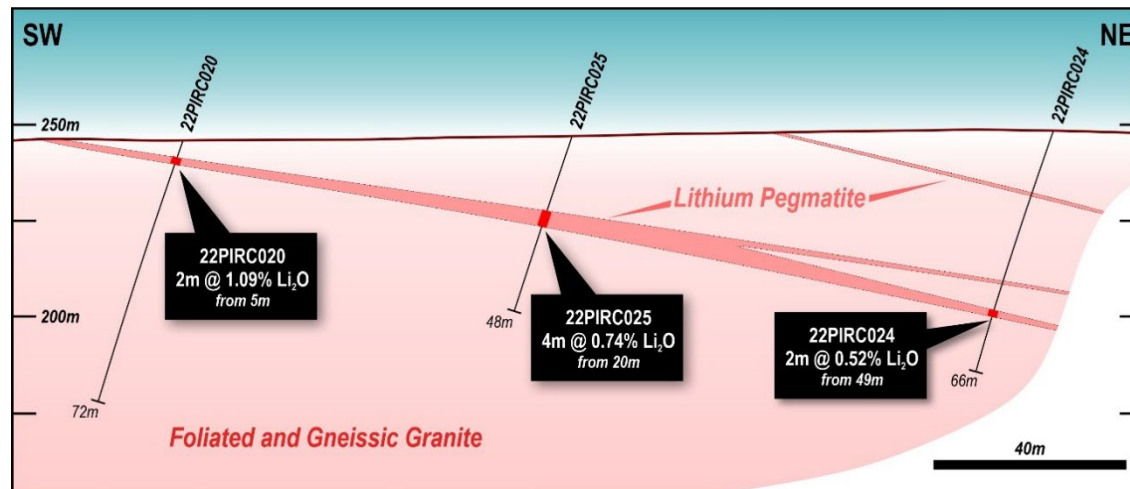
- Tenements are in close proximity to existing lithium deposits that have reported outcrops and target the Split Rock Supersuite
- Tenements mainly cover previous tin and tantalum mining areas, a common denominator in existing lithium mines
- Largely unexplored land package with no systematic or modern exploration for lithium bearing pegmatites
- Pirra is undertaking methodical sampling and mapping across high priority targets and will utilise geophysics and soil sampling to cover lower priority areas



# Lithium Exploration – Pilbara

## Spear Hill Prospect – Continuity 250M Down Dip<sup>1</sup>

- Maiden RC drill program completed tested only one kilometre of strike, open at depth
- Significant results including:
  - ▶ 2m @ 1.11% Li<sub>2</sub>O from 19m in 22PIRC026
  - ▶ 2m @ 1.09% Li<sub>2</sub>O from 5m in 22PIRC020
  - ▶ 2m @ 1.03% Li<sub>2</sub>O from 25m in 22PIRC031
  - ▶ 3m @ 0.95% Li<sub>2</sub>O from 4m in 22PIRC021

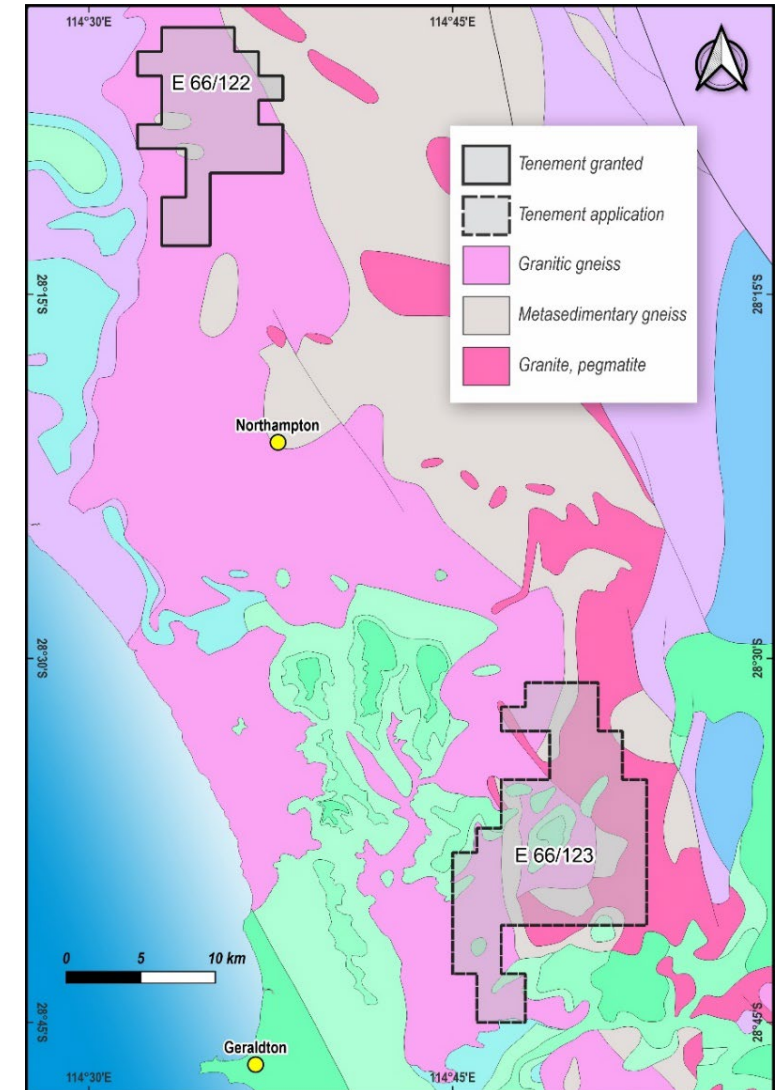


1. The information in this presentation that relates to Exploration Results at the Spear Hill Project have been previously released to the ASX on 8 March 2022 and 11 May 2022, 9 November 2022

# Lithium Exploration – Northampton

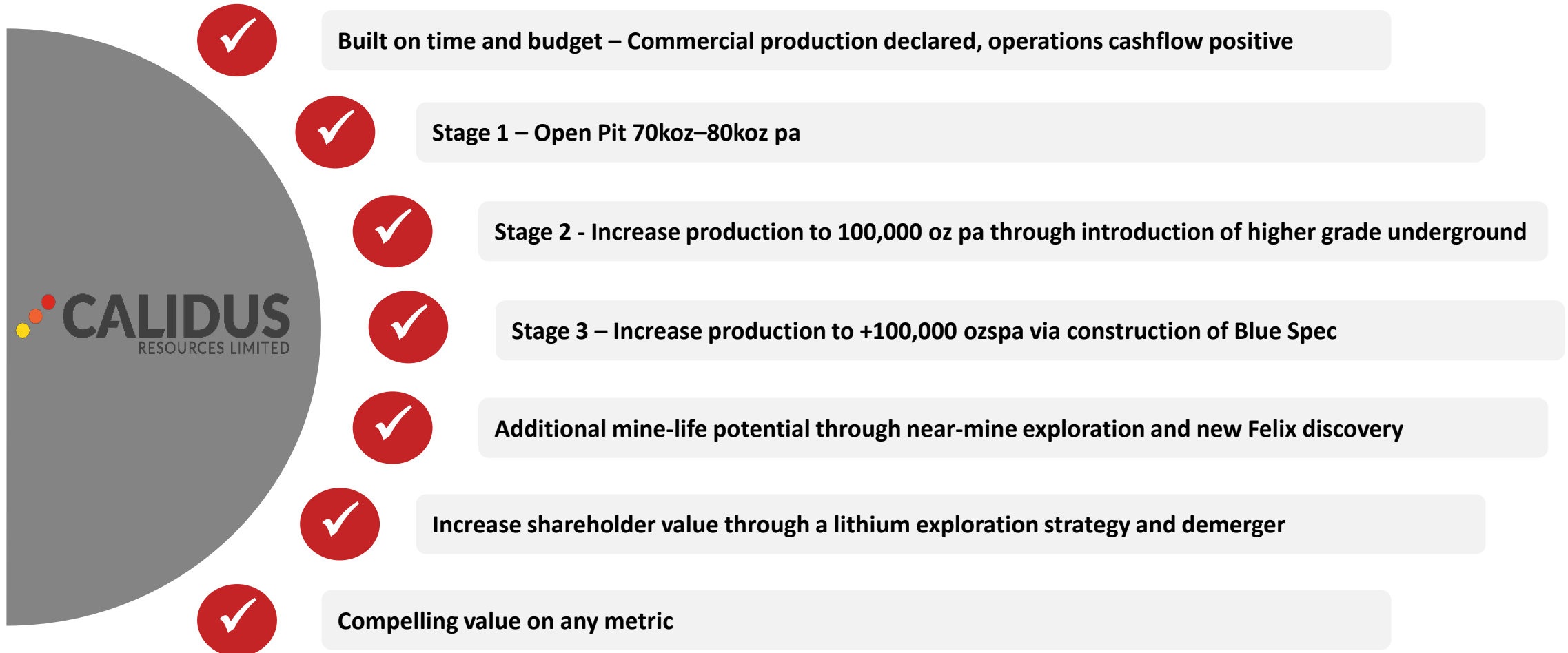
## New area for lithium targeted due to similarities with Gascoyne Province

- Pegged two tenements of 290km<sup>2</sup> in the Northampton Inlier
- Area known to be intruded by granites and pegmatites
- Strikingly similar to Gascoyne Province in rocks and age where successful lithium exploration underway
- Exploration team continue to assess new areas for applications



# Calidus Resources Limited (ASX:CAI)

A Western Australian Gold Producer & Lithium Explorer



# Appendix A: Detailed Peer Data

Ticker	Company	Market Capitalisation (A\$m) <sup>1</sup>	Cash (A\$m) <sup>2</sup>	Debt (A\$m) <sup>2</sup>	Enterprise Value (A\$m) <sup>1</sup>	Production Guidance (FY23)	ASX Announcement
ALK	Alkane Resources	\$433m	\$117m	\$13m	\$422m	62 - 70	March 2023 Quarterly Report dated 20/04/2023
BCN	Beacon Minerals	\$109m	\$8m	\$1m	\$113m	28 - 30	March 2023 Quarterly Report dated 26/04/2023
CMM	Capricorn Metals	\$1,620m	\$114m	\$60m	\$1,668m	115 - 125	March 2023 Quarterly Report dated 27/04/2023
CYL	Catalyst Metals	\$140m	\$38m	\$13m	\$142m	35	March 2023 Quarterly Report dated 28/04/2023
EMR	Emerald Resources	\$1,310m	\$79m	\$46m	\$1,124m	100 - 120	March 2023 Quarterly Report dated 28/04/2023
GOR	Gold Road Resources	\$1,910m	\$128m	\$0m	\$1,991m	170 - 185	March 2023 Quarterly Report dated 24/04/2023
PRU	Perseus Mining	\$2,420m	\$696m	\$0m	\$2,300m	499 - 528	March 2023 Quarterly Report dated 19/04/2023
RMS	Ramelius Resources	\$1,370m	\$158m	\$0m	\$1,087m	240 - 250	March 2023 Quarterly Report dated 27/04/2023
RED	Red 5	\$623m	\$23m	\$150m	\$749m	180 - 210	March 2023 Quarterly Report dated 27/04/2023
RRL	Regis Resources	\$1,470m	\$204m	\$297m	\$1,754m	450 - 470	March 2023 Quarterly Report dated 27/04/2023
RSG	Resolute Mining	\$887m	\$112m	\$141m	\$1,147m	350	March 2023 Quarterly Report dated 27/04/2023
SLR	Silver Lake Resources	\$992m	\$268m	\$0m	\$824m	260 - 275	March 2023 Quarterly Report dated 28/04/2023
SBM	St Barbara Mining	\$425m	\$60m	\$157m	\$661m	240 - 265	March 2023 Quarterly Report dated 27/04/2023
WAF	West African Resources	\$896m	\$160m	\$15m	\$873m	210 - 230	March 2023 Quarterly Report dated 26/04/2023
WGX	Westgold Resources	\$677m	\$168m	\$0m	\$635m	240 - 260	March 2023 Quarterly Report dated 26/04/2023

1. Market data sourced from FactSet as at 18 April 2023  
2. Cash and debt quantum sourced from most recent quarterly reports  
3. Calendar Year 2023  
4. Second Half of Financial Year 2023

# Appendix B: Resources & Reserves

## Mineral Resource<sup>1</sup>

Deposit	Cut-Off (g/t)	Measured			Indicated			Inferred			Total		
		Mt	Au (g/t)	koz	Mt	Au (g/t)	koz	Mt	Au (g/t)	koz	Mt	Au (g/t)	koz
<b>Klondyke Open Pit</b>	<b>0.3</b>	<b>1.6</b>	<b>0.93</b>	<b>49</b>	<b>28.8</b>	<b>0.90</b>	<b>835</b>	<b>8.3</b>	<b>0.81</b>	<b>217.0</b>	<b>38.7</b>	<b>0.88</b>	<b>1,101</b>
<i>including</i>	<i>0.5</i>	<i>1.1</i>	<i>1.17</i>	<i>42</i>	<i>20.1</i>	<i>1.12</i>	<i>725</i>	<i>5.0</i>	<i>1.09</i>	<i>176.0</i>	<i>26.3</i>	<i>1.12</i>	<i>943</i>
<b>Klondyke UG</b>	<b>1.5</b>	-	-	-	<b>1.0</b>	<b>2.87</b>	<b>89</b>	<b>1.8</b>	<b>3.31</b>	<b>162.0</b>	<b>2.7</b>	<b>2.83</b>	<b>250</b>
<i>including</i>	<i>2.0</i>	-	-	-	<i>0.7</i>	<i>3.36</i>	<i>72</i>	<i>1.2</i>	<i>4.08</i>	<i>130.0</i>	<i>1.9</i>	<i>3.33</i>	<i>202</i>
Copenhagen	0.5	-	-	-	0.2	5.58	34	0.1	2.65	9.0	0.3	4.54	43
Coronation	0.5	-	-	-	0.6	1.88	34	0.2	1.24	9.0	0.8	1.69	43
Fieldings Gully	0.5	-	-	-	0.3	1.80	16	0.3	1.87	20.0	0.6	1.84	36
<b>Blue Spec Project</b>	-	-	-	-	<b>0.1</b>	<b>31.10</b>	<b>95</b>	<b>0.2</b>	<b>20.20</b>	<b>96.0</b>	<b>0.2</b>	<b>24.3</b>	<b>190</b>
<i>Blue Spec</i>	-	-	-	-	<i>0.1</i>	<i>31.50</i>	<i>71</i>	<i>0.2</i>	<i>21.20</i>	<i>66.0</i>	<i>0.2</i>	<i>25.5</i>	<i>136</i>
<i>Gold Spec</i>	-	-	-	-	-	<i>30.10</i>	<i>24</i>	<i>0.1</i>	<i>17.90</i>	<i>30.0</i>	<i>0.1</i>	<i>21.8</i>	<i>54</i>
<b>Total</b>	-	<b>1.6</b>	<b>0.93</b>	<b>49</b>	<b>31</b>	<b>1.10</b>	<b>1,103</b>	<b>11.0</b>	<b>1.70</b>	<b>513.0</b>	<b>43</b>	<b>1.20</b>	<b>1,662</b>

## Ore Reserves<sup>1</sup>

Deposit	Cut-Off (g/t)	Proven			Probable			Total		
		Mt	Au (g/t)	koz	Mt	Au (g/t)	koz	Mt	Au (g/t)	koz
Klondyke Open Pit	0.33-0.36	1.4	1.0	45	9.8	1.0	326	11.3	1.0	371
Klondyke Underground	1.2	-	-	-	1.9	2.1	120	1.9	2.1	120
St George Open Pit	0.36-0.39	-	-	-	0.2	1.2	9	0.2	1.2	9
Copenhagen Open Pit	1.9	-	-	-	0.1	5.5	17	0.1	5.5	17
Blue Spec	-	-	-	-	0.2	11.2	83	0.2	11.2	83
<b>Total</b>	-	<b>1.4</b>	<b>1.0</b>	<b>45</b>	<b>12.3</b>	<b>1.4</b>	<b>555</b>	<b>13.8</b>	<b>1.4</b>	<b>600</b>

1. Refer to CAI ASX release 4 October 2022 "Maiden Blue Spec Reserve – Amendment". Rounding errors may occur