



Clara Resources  
Australia Ltd

# CLARA RESOURCES AUSTRALIA LIMITED

---

PETER WESTERHUIS

RICK WALKER

JOHN HALEY

CEO

EXPLORATION MANAGER

CFO/CoSec

# Clara Resources Australia is an Australian ASX-Listed Exploration & Development Company with multi-commodity Projects

## Capital Structure

Price @ 17/07/23 (\$)	0.036
Total Shares on Issue (m)	189.0
Total Options on Issue (m)	38.4
Mkt Cap @ 17/07/23 (\$m)	6.1
Est. Cash (proceeds less costs) (\$m)	1.8
<b>Enterprise Value (\$m)</b>	<b>4.3</b>
<i> Holding in First Tin <sup>1</sup> (LSE:1SN) (\$m)</i>	<i>8.4</i>

<sup>1</sup> C7A holds 60M shares in First Tin Ltd (LSE: 1SN). S/Price 7.26p on 17/07/23.



**Brian Moller**

**Non-Executive Director & Chairman Solicitor** with 30+ yrs experience in capital raising, mergers and acquisitions.



**Peter Westerhuis**

**Chief Executive Officer**

**Mechanical Engineer**

30+ yrs experience in resource development, operations and growth.



**Richard Willson**

**Non-Executive Director**

**Accountant, CPA**

20+ yrs experience with public and private companies.



**Brad Gordon**

**Non-Executive Director**

**Mining Engineer**

30+ yrs experience leading and growing large mining businesses



**Nick Mather**

**Non-Executive Director**

**Geologist**

30+ yrs experience in exploration and resource company management.

# A Unique Opportunity Developing Diverse Resources Critical to Global Economic Growth & Electrification



## **Kildanga Ni-Co Project - QLD**

**Resource definition & development of Kildanga Ni & Co resource.**

- Greenfield project in Brownfield location
- Established service centre (Gympie) nearby
- Existing sealed roads create short & direct route to port (Brisbane & Bundaberg) for dispatch to customers



## **Ashford Coking Coal Project - NSW**

**Permitting and development of Ashford coking coal resource.**

- Greenfield project in Brownfield location
- Fair NSW coal royalty regime
- Nearby Inland Rail Project



# ASHFORD

## COKING COAL PROJECT

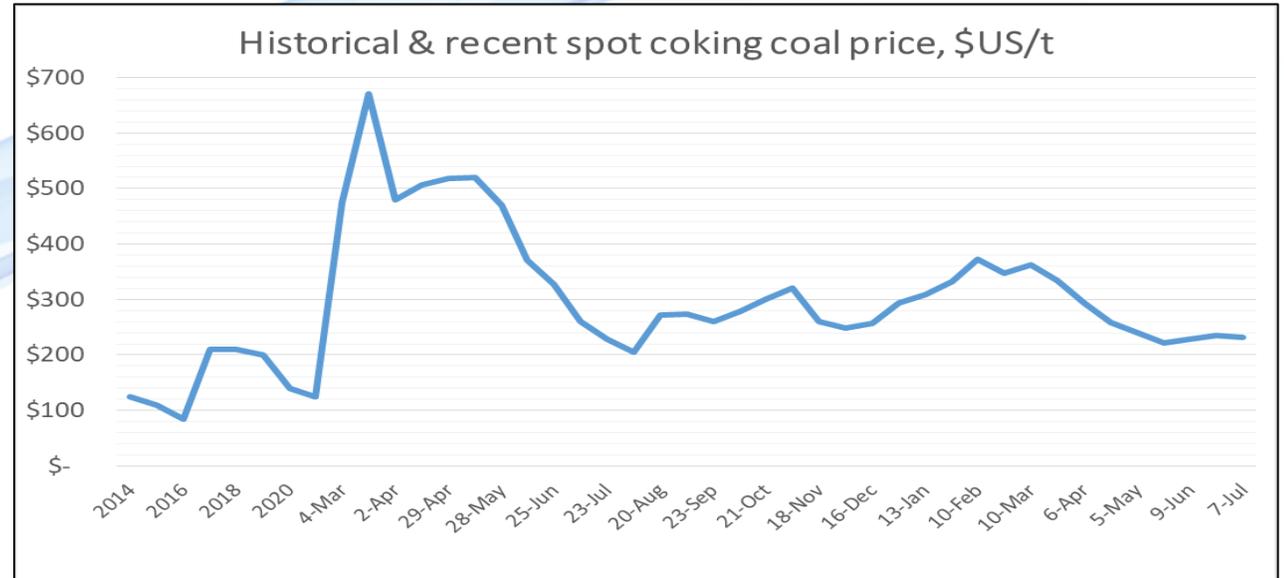
Potential to produce quality coking coal sought by global steelmakers



# Historical Coking Coal Prices

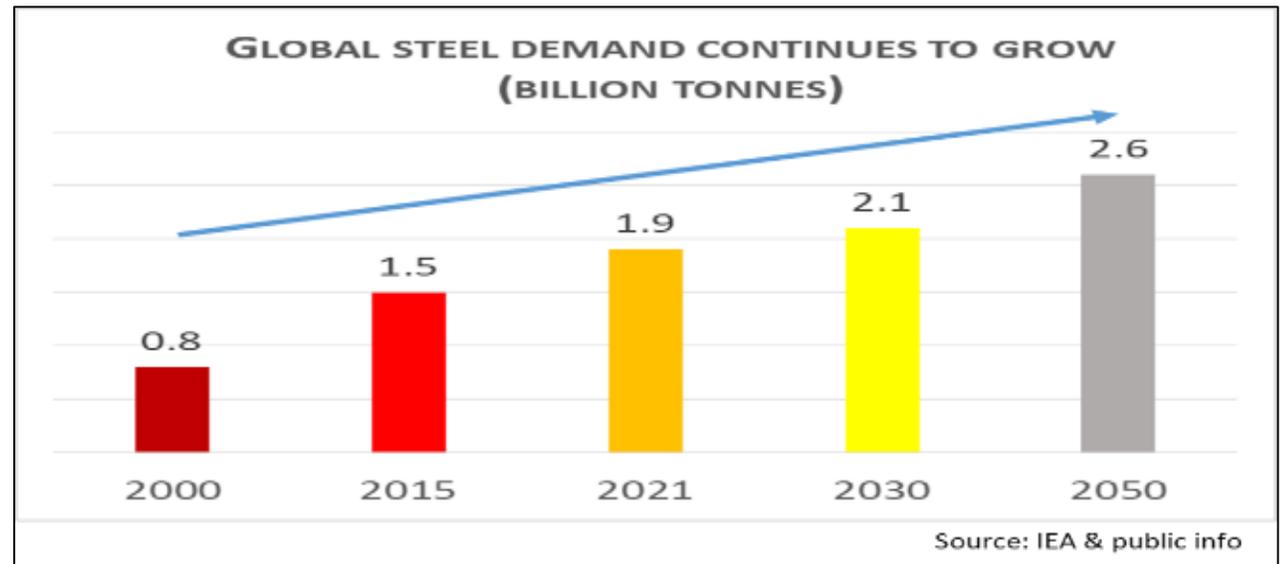
## Australian Export Coking Coal Outlook

- Proximity to Asian markets supports future demand
- Energy transition driving steel & coking coal demand
- Blast furnace iron making unlikely to be displaced for some time



## Coking coal supply side characterised by:

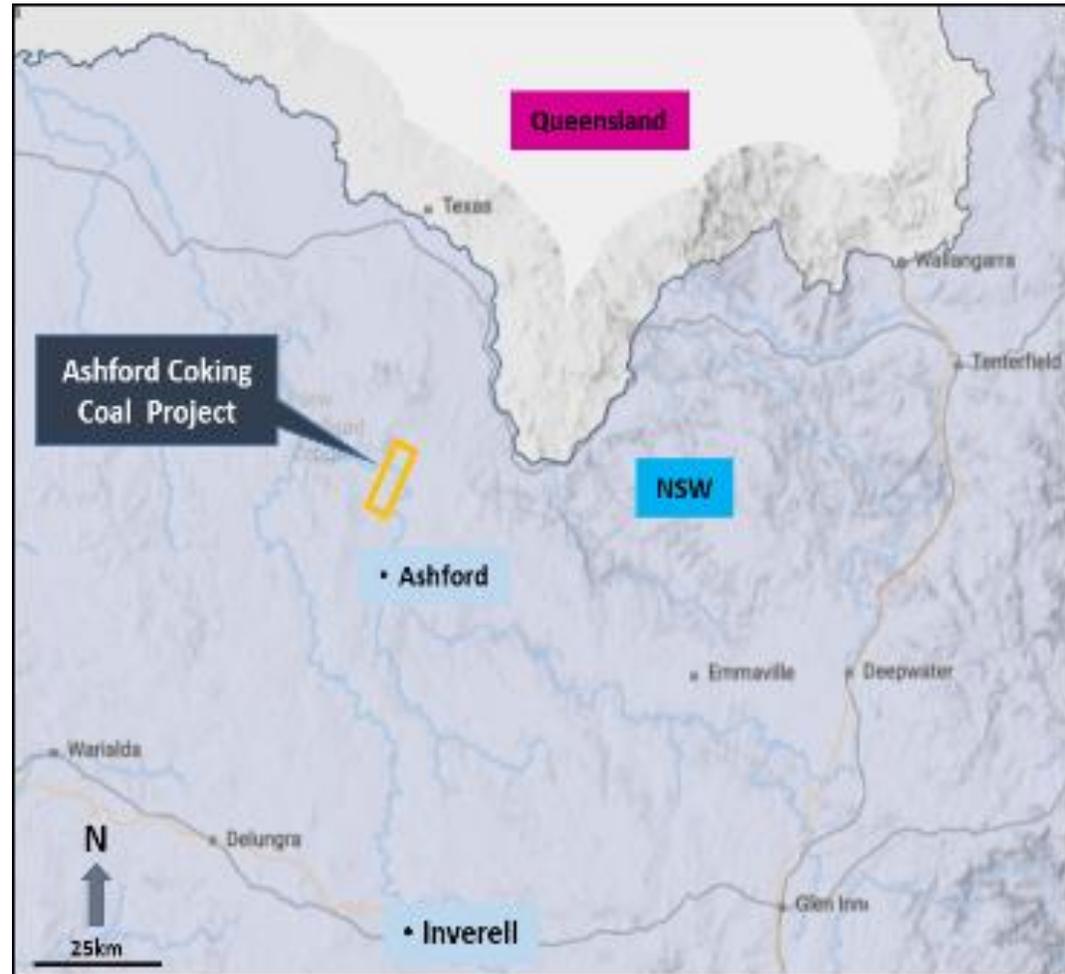
- Progressive exit of majors from industry
- Gradual depletion of existing reserves
- Barriers to exploration and development
- Demand > supply, supporting sustained higher prices



# Ashford Coking Coal Project

(40% owned with option to purchase remaining 60%)

Comprising JORC resource of 14.8Mt semi-hard and potentially hard coking coal



July 2020 - Clara (Formally Aus Tin Mining) signed a binding term sheet with Laneway Resources (ASX:LNY) to acquire 100% of the Ashford Project in two stages

**Stage 1** (Purchase of 40% interest – Completed April 2021)  
Laneway, now Savannah Gold, receive 20% shareholding in Clara

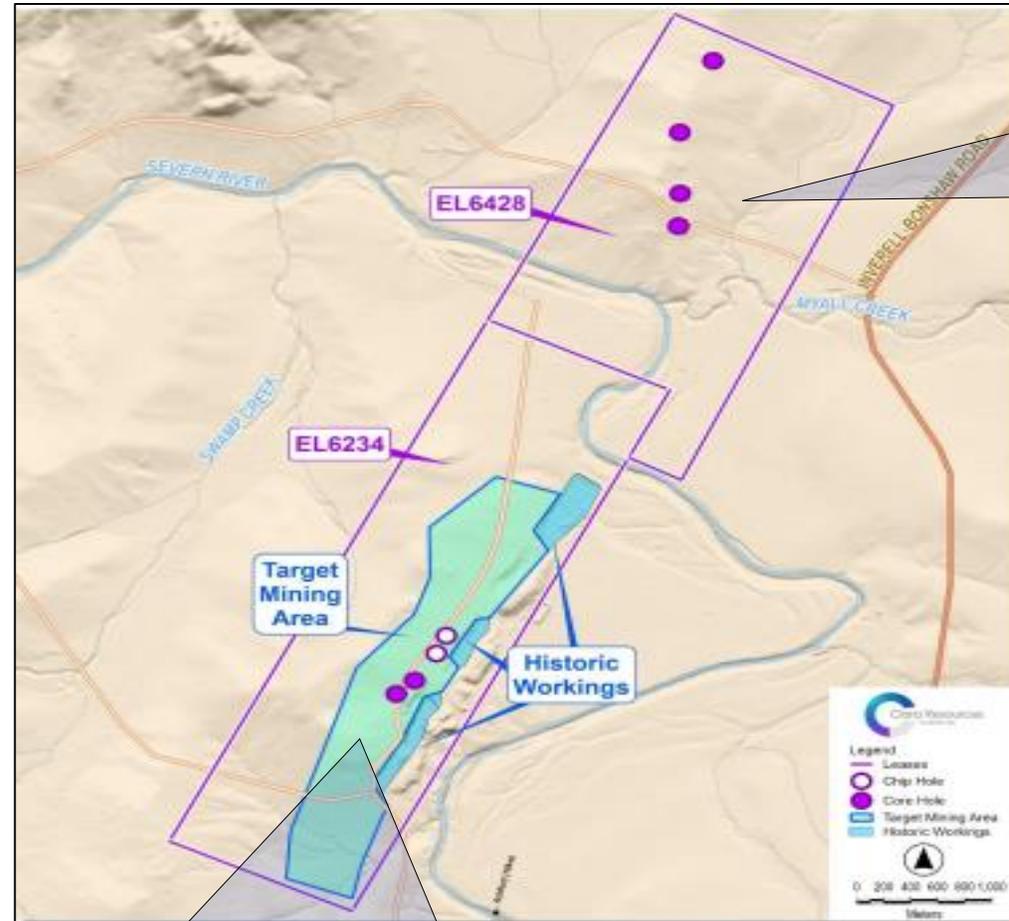
**Stage 2** (Option to purchase remaining 60%)  
To be exercised before third anniversary of stage 1 completion (April 2024)

- Savannah receive A\$7m payable as A\$2m in cash & \$5m in shares or cash, at the election of Clara
- Plus ongoing royalty of \$0.50 per tonne of coal sold from Ashford

# Near term drilling for coal quality verification & resource extension

## HIGHLIGHTS

- Comprises **2 x exploration leases** EL6234 & EL6428
- Open cut mined** from 1954 to 1989 supplying coal to the Ashford power station
- Resource on EL6234 well understood, **200 bore holes**
- No legacy environmental permit issues
- Stable NSW royalty regime



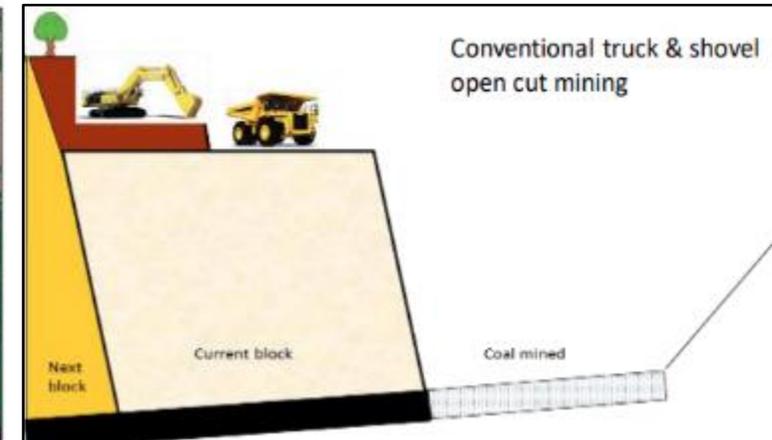
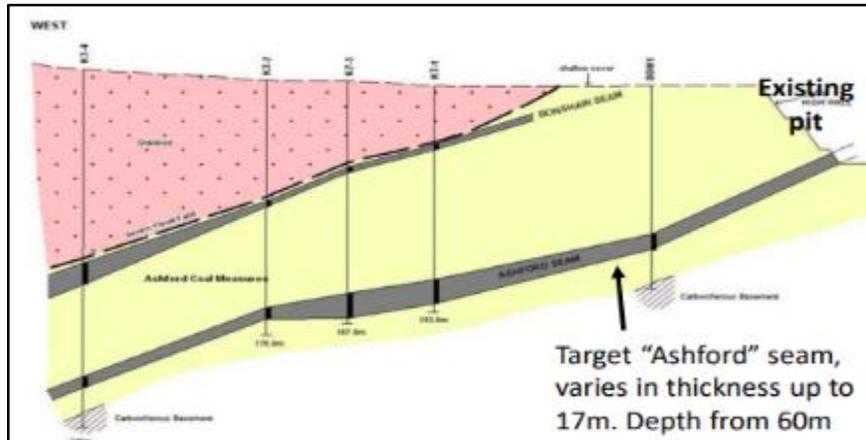
### Resource Extension Drilling Program

- On adjacent EL6428 drilling to define a JORC Resource
- Potentially upscaling the size of the resource

### JORC Resource

- 14.8Mt, limited to EL6234
- Drilling plan to provide more data on coking coal quality specifications & assist Coal Washing Options study

# Ashford will be a conventional Open Cut Mine utilizing proven technology & mining methods



## Clean Coal Analysis

Testwork shows clean coal has rank, vitrinite and ash chemistry similar to Queensland coking coals

Would produce a semi-hard coking and possibly a hard coking product

Further test-work will confirm

CSR Index	45-55
Vol Mat	22%-25%
Ash	8.5%-9.5%
Sulphur	0.4%-0.5%
Phos	0.03%-0.04%
HGI	75-80
CSN	5.5-6.5
FC	66%-68%

# The ARTC Inland Rail Project Creates an Efficient Route to Market

- ✓ Inland Rail to North Star completed in 2023
- ✓ Changes operability & economics of project
- ✓ Ashford Mine located ~100km of new rail line
- ✓ Train loading facilities to be established
- ✓ Connect to HV rail network

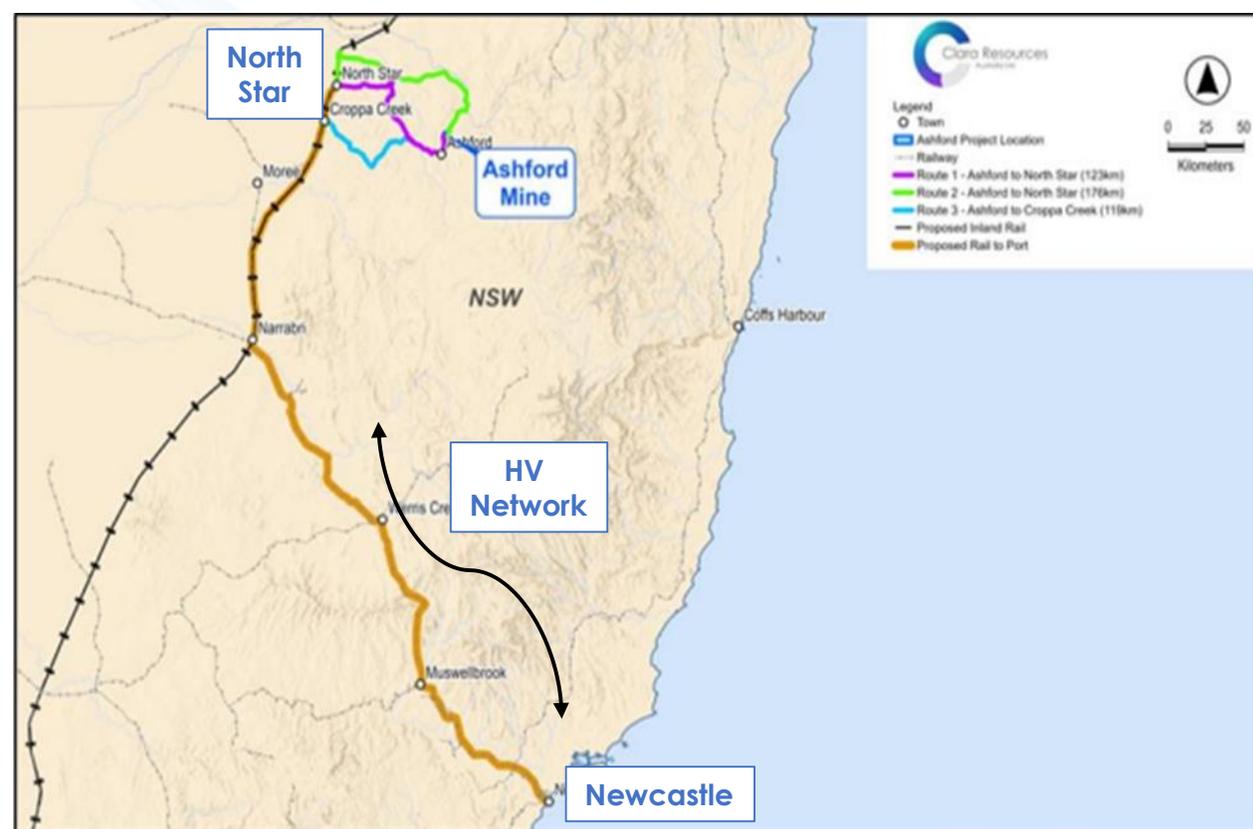
## Approvals Process

Environmental permits & consents required before conversion to a mining lease, via a well-defined statutory process

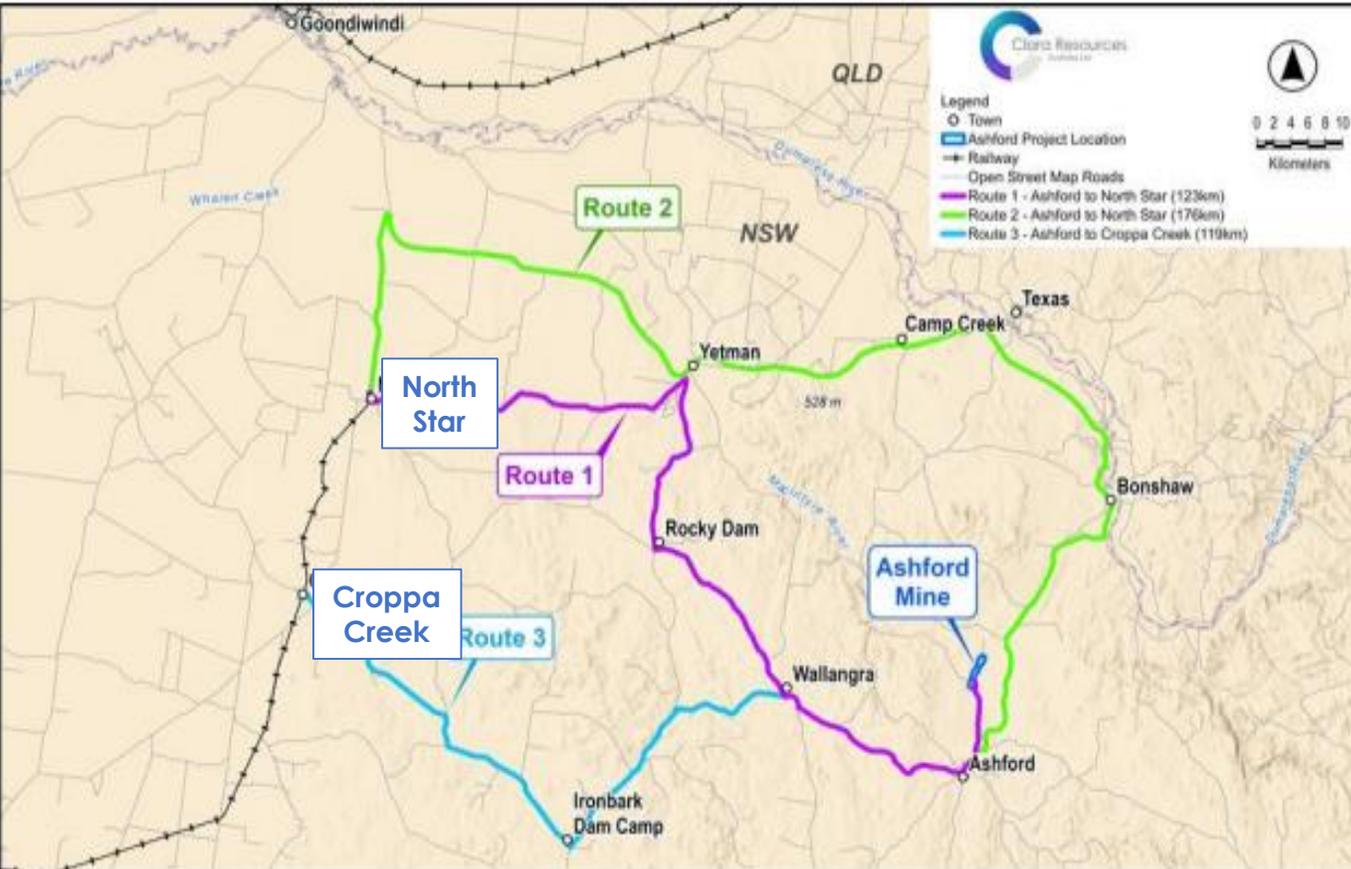
- Preparation for EIS commenced
- Engagement & consultation with stakeholders is key
- Lease areas contained operating coal mine, leaving no remnant environmental legacy
- Tenements do not contain strategic cropping lands

## Production Target/Aim

- 2026, i.e. 3 to 3.5 years



# Progressing route-to-market options for mine to port transport



- Specialist Advisor refining options for transport of coking coal between Ashford mine & IRP

- Short-listed routes to service possible rail head location between North Star & Croppa Creek

- Prelim. Engineering commenced for design of train loading facility

- Independent rail and port costings being prepared



# Immediate priority is completion of the Ashford Coking Coal Project SCOPING STUDY



## Environment & Permitting

- EIS Process
- Envl management advisors
- Statutory approvals
- Social impact assessment



JB Mining Services

## Geology

- JORC resource estimates
- Raw coal quality
- Geological modelling



## Mining

- Mine planning & layout
- Production level and schedule
- Rehabilitation
- Mining Capex & Opex

## Metallurgy & Coal Processing

- Coal handling & processing
- Coal quality
- Processing costs





L27/111 Eagle Street  
Brisbane Qld 4000

## ASHFORD COKING COAL SCOPING STUDY

## Road Transport

- Trucking route options
- Train load out location
- Truck configurations & costs



## Train Loading

- Loading options
- Concept engineering
- Capex & Opex estimates



## Rail & Port

- Independent costings
- Contracts

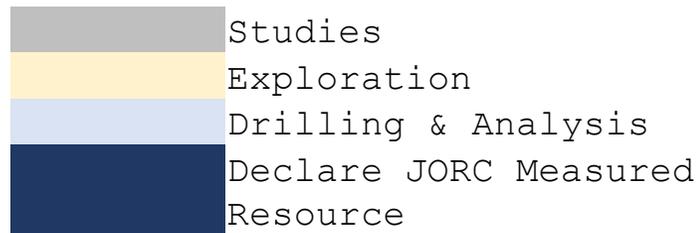
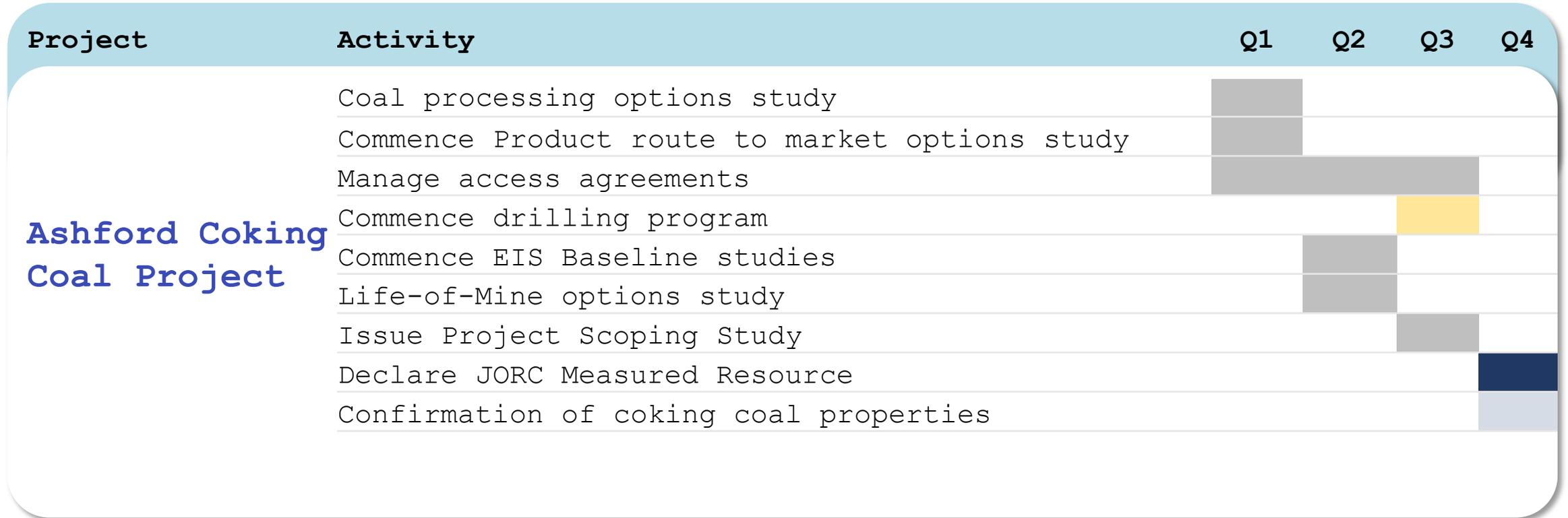


## Study Management

- Market analysis
- Financial analysis & modeling
- Stakeholder engagement
- Risks & Opportunities
- Funding options



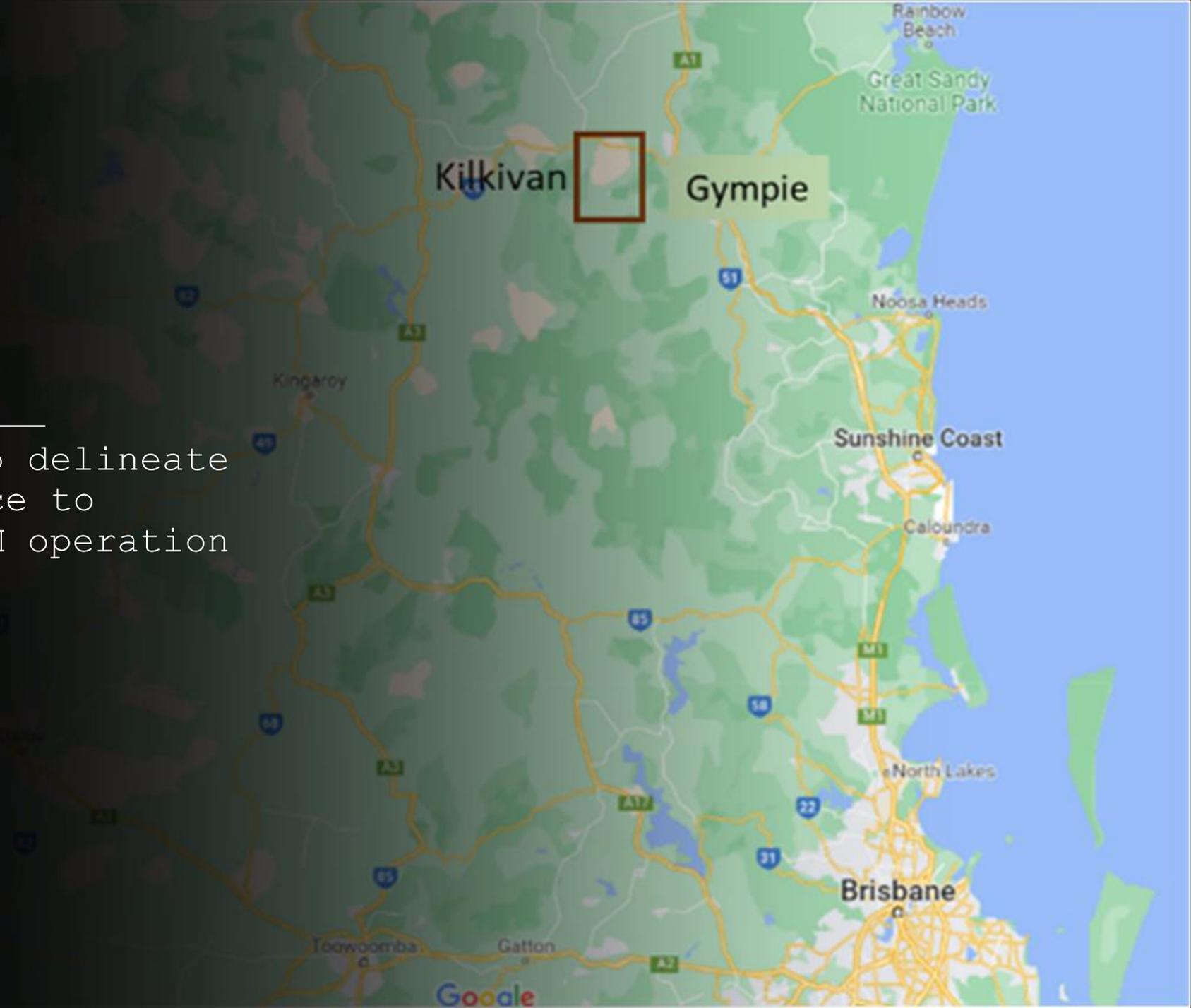
# Ashford Coking Coal – Project Milestones 2023



# KILDANGA

## Nickel – Cobalt Project

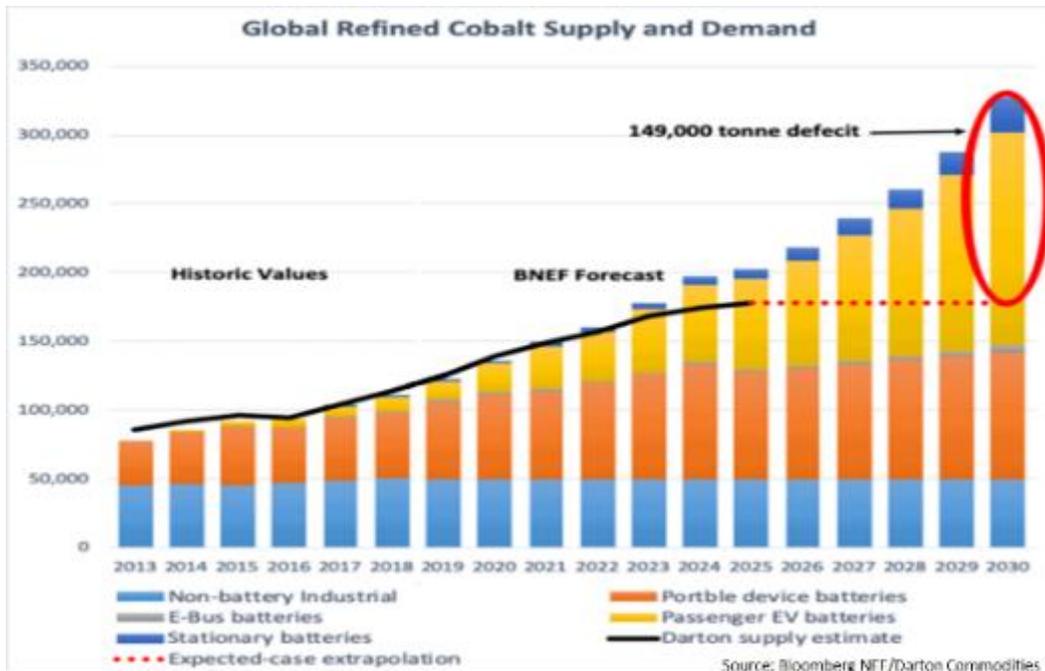
Potential opportunity to delineate  
a regional Ni-Co Resource to  
support a 2 to 3Mtpa ROM operation



# Increasing Supply-Demand Gap in Batter Minerals

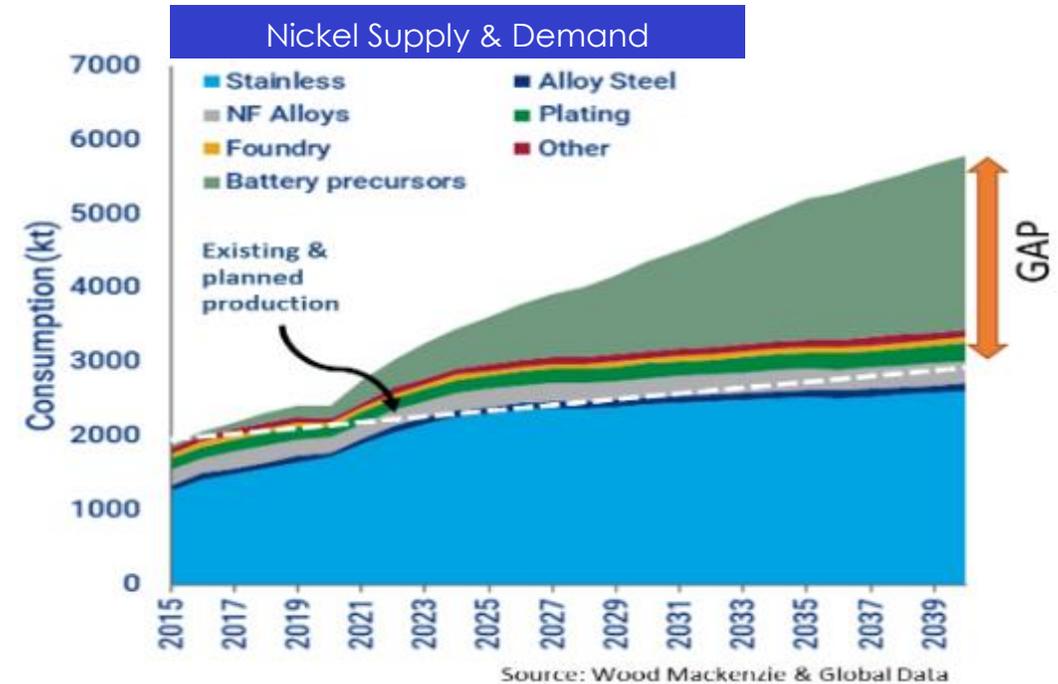
## COBALT

- Proliferation of Li-ion batteries is driving Co demand
- DRC produces 70% of Co ores
- Co raw material supply shortages predicted



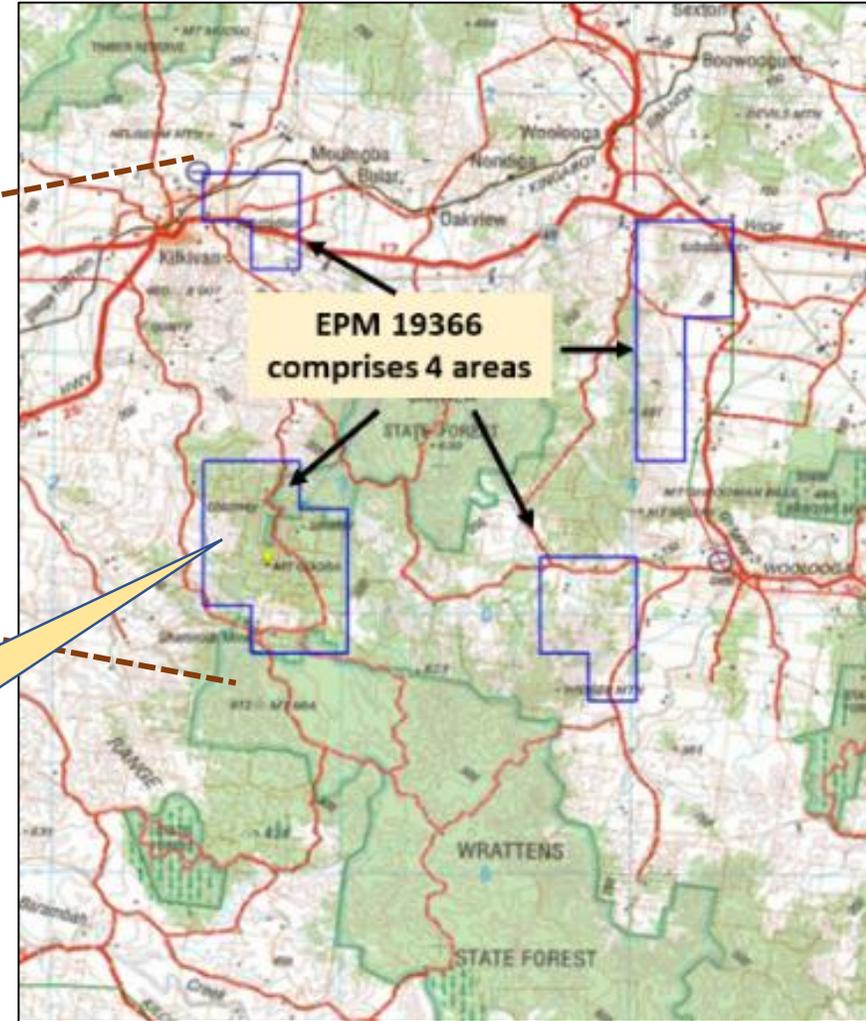
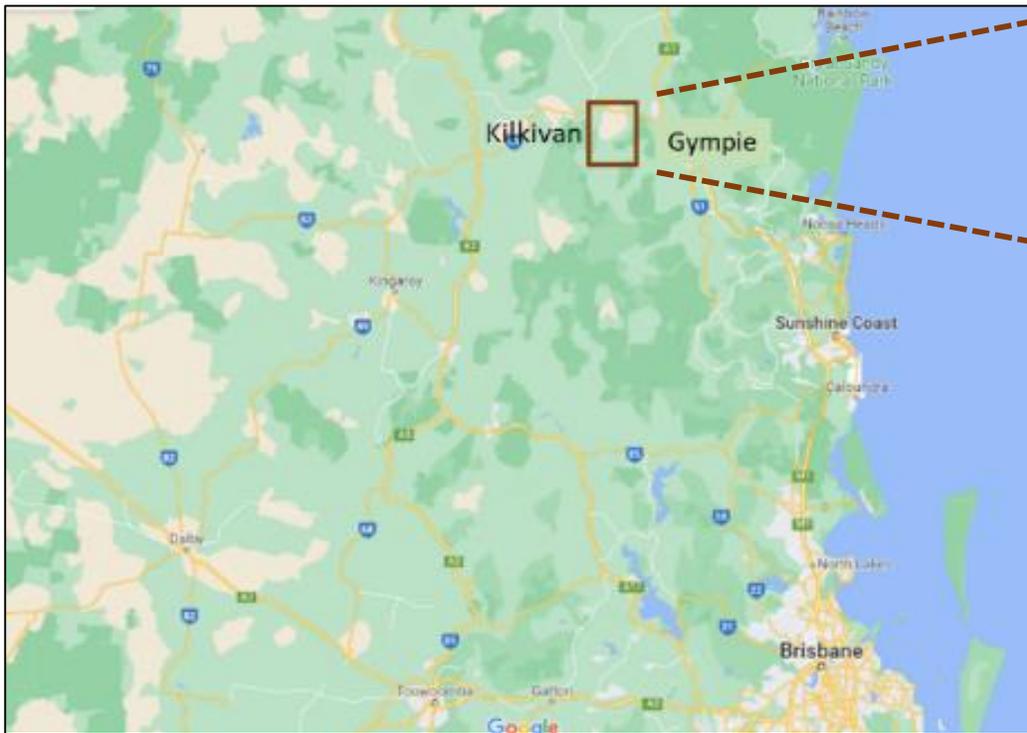
## NICKEL

- Massive raw material supply shortages predicted
- China dominates Li-ion supply chain
- ESG policies support sustainable & ethical supply sources



# Nickel & Cobalt Critical Minerals for the Energy Transition

- Kilkivan area contains one of Qld's **earliest gold discoveries**, hosts **rich polymetallic mineralisation**
- More than **100 historic mining leases** in the area, dating back to 19<sup>th</sup> century (Tablelands, Commercial Reef, New Zealand, Black Snake, Homeward Bound, Mt Clara, Shamrock, Mariners)



Exploration programs in this SW section showing encouraging, shallow Ni & Co intersections

# KILDANGA | Identify Substantial Regional Target

## Work Program:

- Broaden previous exploration programs to target significant Ni-Co resource, supporting a **2 to 3Mtpa ROM operation**
- Preliminary assessment of ore concentrator and location options
- Determine route to market & transport options, noting project advantages:
  - Established service centre (Gympie) nearby
  - Existing sealed roads create **short & direct route to port** (Brisbane & Bundaberg) for dispatch
- Project economic evaluation

## SW Region

### Mt Cobalt

650x250x100 (approx 35Mt) Ni-Co mineralisation target, grading up to 0.29%Co & 0.73%Ni (\*3, 5, 6, 7, 9)

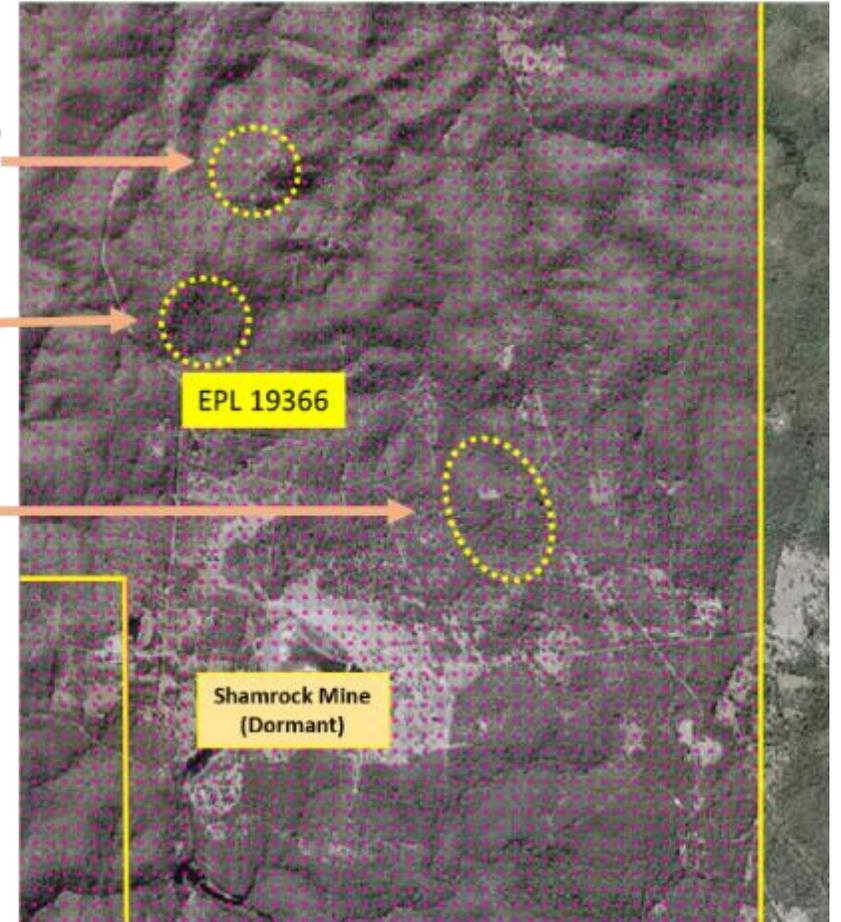
### Pembroke

Ni-Co mineralization (\*1, 2, 8)

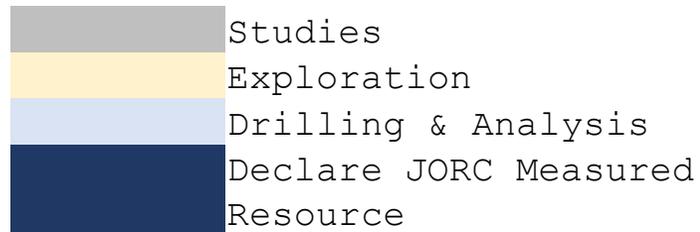
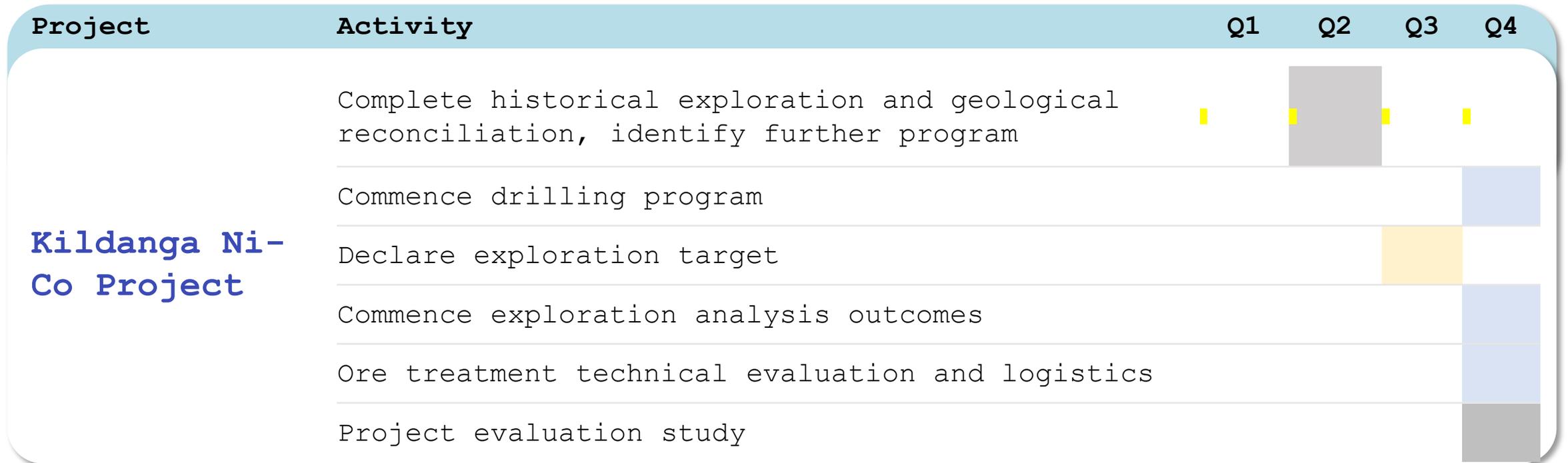
### Jackson/Ridley

790Kt at 0.8%Ni & 0.06%Co inferred in small blocks, larger mineralisation area targeted (\*4, 6)

- 1....ASX release 2/3/11
- 2....ASX release 16/12/11
- 3....ASX release 23/11/16
- 4....ASX release 31/3/17
- 5....ASX release 21/11/17
- 6....ASX release 23/1/18
- 7....ASX release 16/2/18
- 8....ASX release 27/3/19
- 9....ASX release 10/5/19



# Kildanga – Project Milestones 2023



# Highlights

- 1 Ashford Development Path** Scoping study to demonstrate potential economic, high quality coking coal project
- 2 Exploration Activities** Coal quality & resource extension drilling at Ashford, Ni-Co exploration target at Kildanga
- 3 Project Economics** Proximity to Asian markets and simple development options can potentially drive strong returns from Ashford coking coal project
- 4 Easy Access to Market** ARTC Inland Rail Project creates possible efficient route for the Ashford project to market
- 5 Experienced Board & Management** Clara Board and management team have experience in exploration & resource companies

# Cautionary Statement

## Forward Looking Statements

This presentation may contain statements and projections provided by or on behalf of Clara Resources Australia Limited (Clara Resources Australia) with respect to the anticipated future undertakings. These forward-looking statements reflect various assumptions by or on behalf of Clara Resources Australia. Accordingly, these statements are subject to significant business, economic and competitive uncertainties and contingencies associated with exploration and/or mining which may be beyond the control of Clara Resources Australia which could cause actual results or trends to differ materially, including but not limited to price fluctuations, exploration results, reserve and resource estimation, environmental risks, physical risks, legislative and regulatory changes, political risks, project delay or advancement, ability to meet funding requirements, factors relating to property title, native title and aboriginal heritage issues, dependence on key personnel, share price volatility, approvals and cost estimates. Accordingly, there can be no assurance that such statements and projections will be realised. Clara Resources Australia makes no representations as to the accuracy or completeness of any such statement of projections or that any forecasts will be achieved.

Additionally, Clara Resources Australia makes no representation or warranty, express or implied, in relation to, and no responsibility or liability (whether for negligence, under statute or otherwise) is or will be accepted by Clara Resources Australia or by any of their respective officers, directors, shareholders, partners, employees, or advisers as to or in relation to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or any omission from this presentation or of any other written or oral information or opinions provided now or in the future to any interested party or its advisers. In furnishing this presentation, Clara Resources Australia undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise.

Nothing in this material should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. It does not include all available information and should not be used in isolation as a basis to invest in Clara Resources Australia Limited.

## Competent Persons Statement

The information relating to the Mineral Resources at the Ashford Coking Coal Project is extracted from the Laneway Resources Limited (LNY) ASX Announcement as follows: ASX Announcement titled: "Ashford Coking Coal Project – Increased Resource" dated 20 November 2017. The report is available to view on the Laneway Resources website [www.lanewayresources.com.au](http://www.lanewayresources.com.au). The report was issued in accordance with the 2012 Edition of the JORC Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, and also "Australian Guidelines for the Estimation and Classification of Coal Resources, (2014)". AusTin Mining confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. Clara Resources Australia confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.