



**MAKING A
DIFFERENCE**

Sediment-hosted Copper in South Australia - IGO's Copper Coast Project



Paul Polito

26 November, 2021



The Copper Coast Project

Searching for large, high-grade sediment-hosted copper

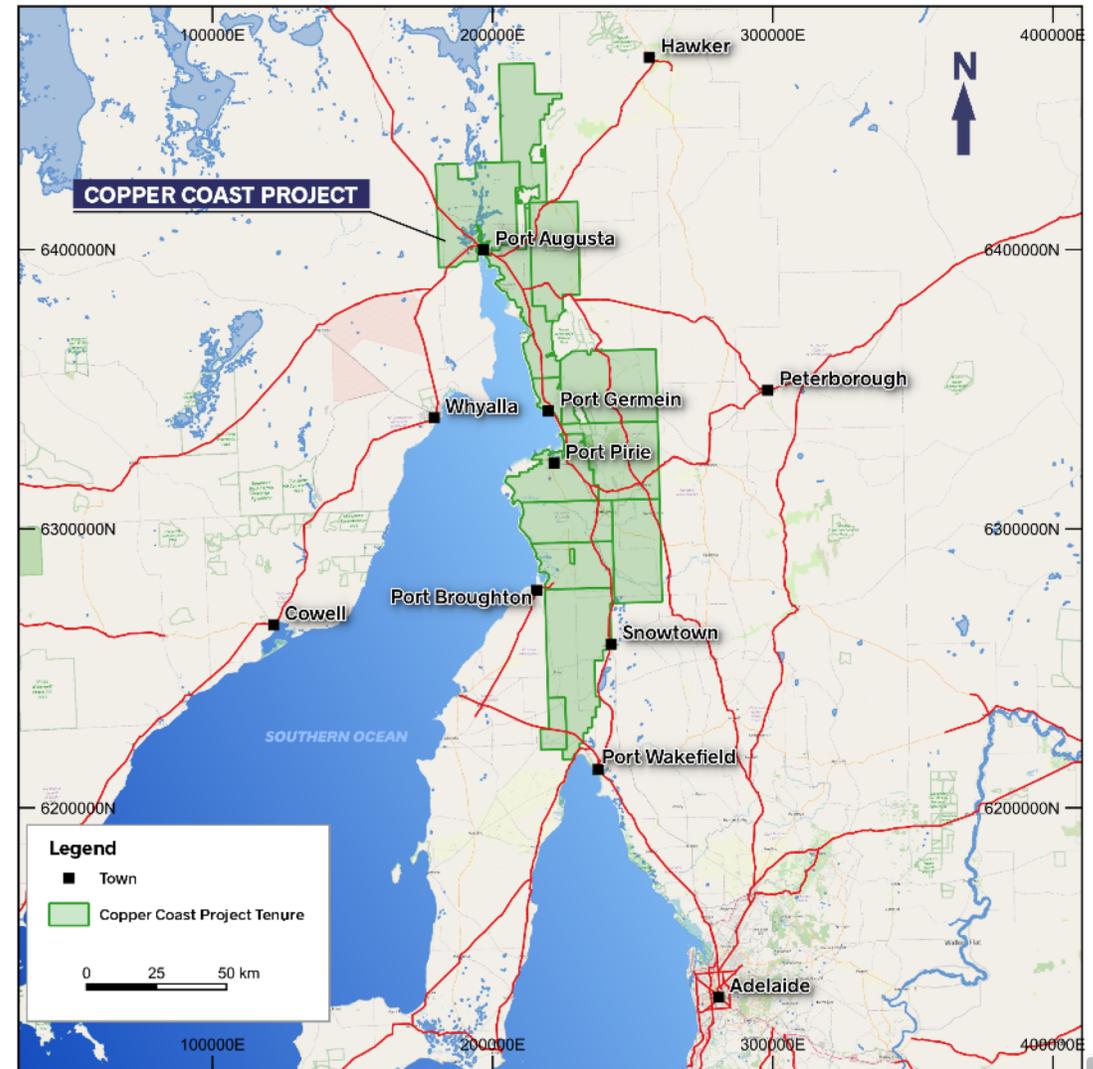


12 tenements covering 7,526km²,
100% IGO tenure

Prospective for Sediment-hosted
Cu in Neoproterozoic sequences

IGO to apply a systematic
exploration program in search of
a tier 1 copper deposit

Novel, but not new, exploration
methods combined with a holistic
basin approach for breakthrough
discovery

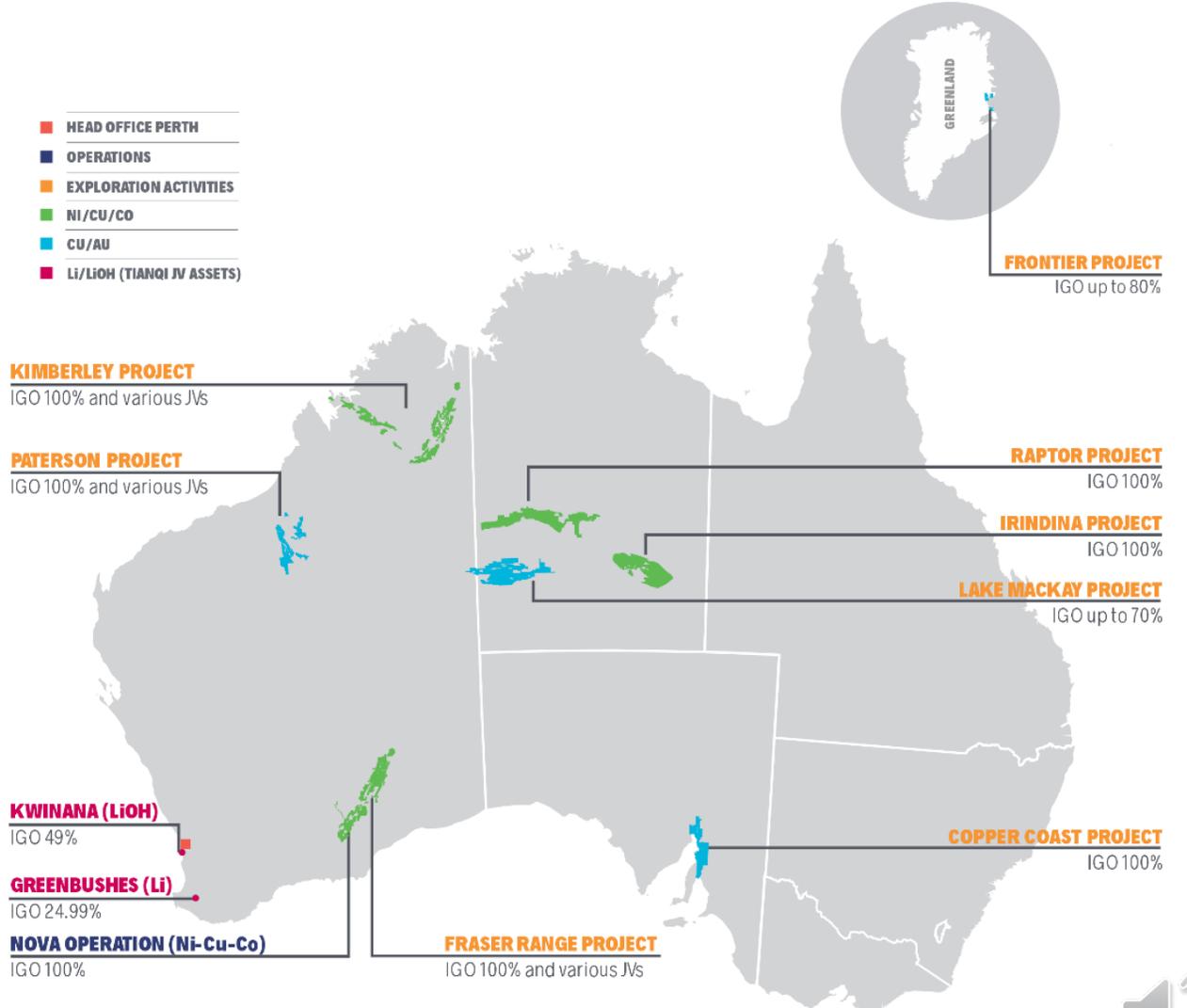


Portfolio focused on nickel, copper, cobalt and lithium

Significant brownfields potential at Nova, Greenbushes and expansion opportunities at Kwinana

Tier-1 mineral opportunities

Extensive, belt-scale exploration portfolio in Australia & Greenland



Our Strategy



Purpose of Making a Difference has underpinned our strategy

Our winning aspiration is to be a globally relevant supplier of products that are critical to clean energy, to create a better planet.



DIVERSE SUITE OF PRODUCTS

Made safely, ethically, sustainably and reliably



CUSTOMER FOCUSED

Connecting with end users through vertical integration



CARBON NEUTRAL

Committing to carbon neutrality across our business



PEOPLE

People who are bold, passionate, fearless and fun
– a smarter, kinder, more innovative team

Lithium-ion Battery Demand

Substantial growth expected

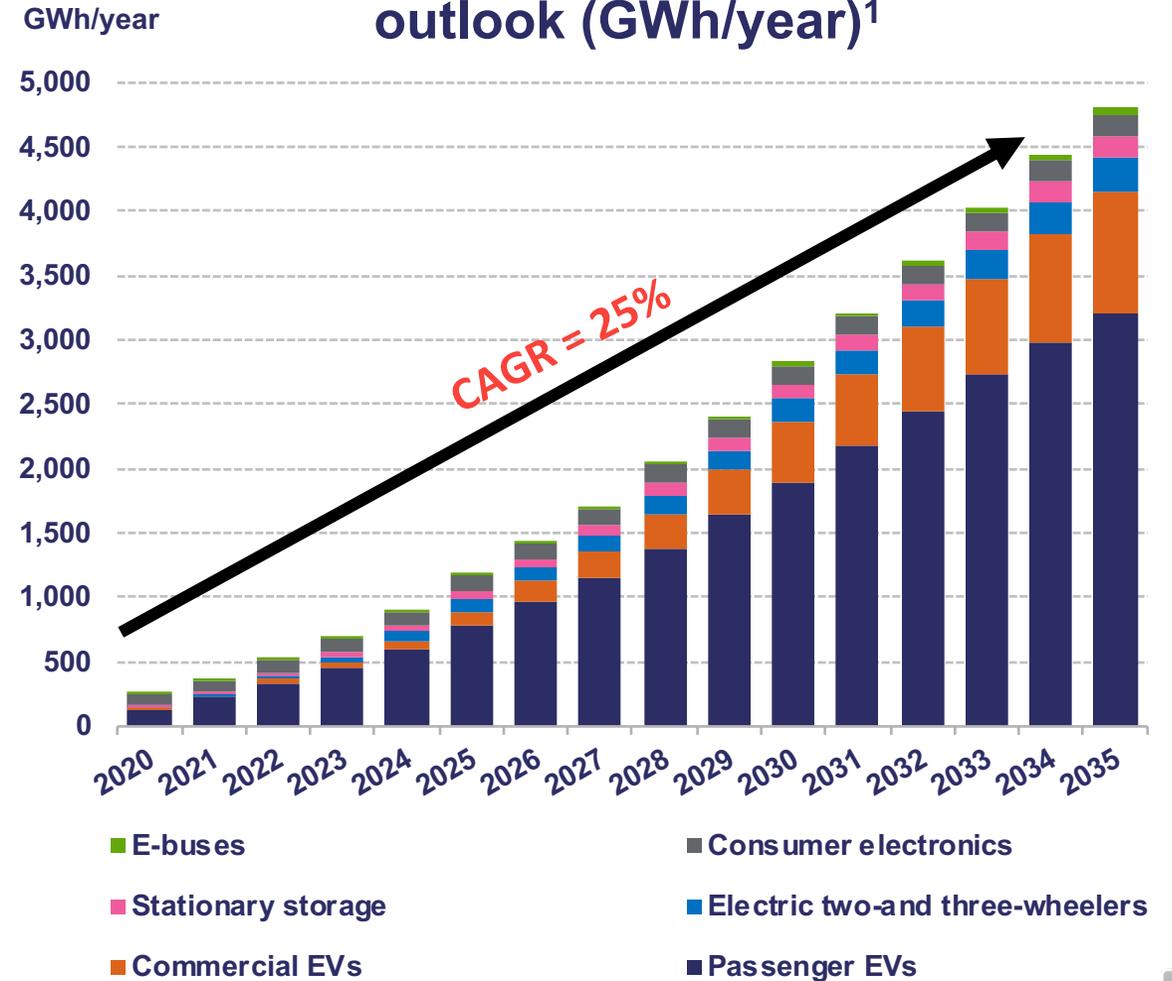


Lithium-ion battery demand set to increase 5x over the next decade

Passenger vehicle electrification is the primary driver

Plug-in EV sales up 150% YTD with 2015-2021 CAGR of 55%²

Lithium-ion battery demand outlook (GWh/year)¹



1) Source: Bloomberg NEF

2) Source: Terra Studio



Our Exploration Portfolio

An organic growth focused company



Focus on high value magmatic nickel sulphides and sediment hosted copper deposits

Extensive highly prospective landholding across Australia

Best in class team utilising best science available – geology, geophysics and geochemistry

Strong budget of ~\$65M/yr since FY20

KIMBERLEY PROJECT

IGO 100% and various JVs

PATERSON PROJECT

IGO 100% and various JVs

RAPTOR PROJECT

IGO 100%

IRINDINA PROJECT

IGO 100%

LAKE MACKAY PROJECT

IGO up to 70%

KWINANA (LiOH)

IGO 49%

GREENBUSHES (Li)

IGO 24.99%

NOVA OPERATION (Ni-Cu-Co)

IGO 100%

FRASER RANGE PROJECT

IGO 100% and various JVs

COPPER COAST PROJECT

IGO 100%

■ OPERATIONS

■ EXPLORATION ACTIVITIES

■ IGO PROJECT AREAS

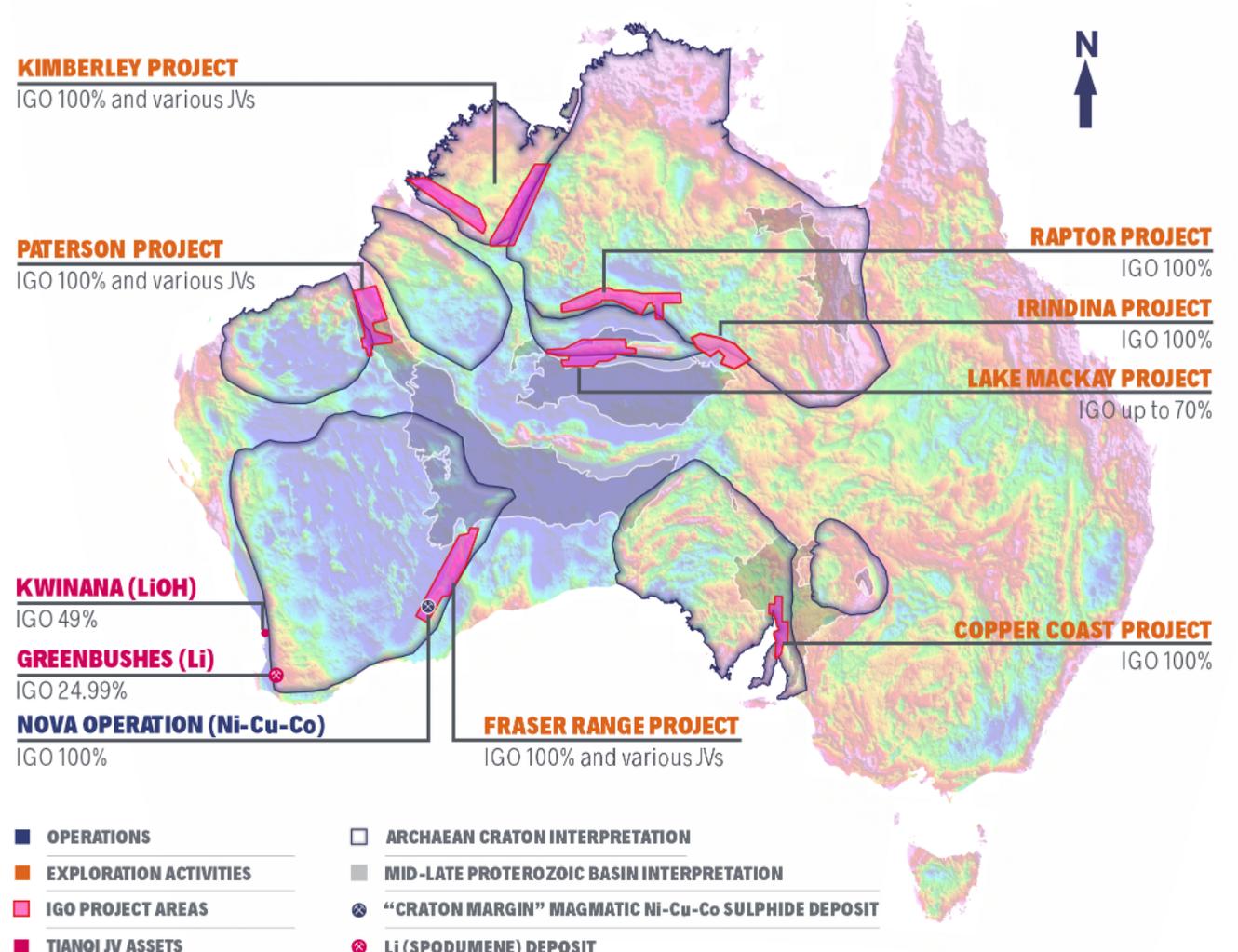
■ TIANQI JV ASSETS

□ ARCHAean CRATON INTERPRETATION

■ MID-LATE PROTEROZOIC BASIN INTERPRETATION

⊗ "CRATON MARGIN" MAGMATIC Ni-Cu-Co SULPHIDE DEPOSIT

⊗ Li (SPODUMENE) DEPOSIT



Our Exploration Methodology

High power, low detection, fit for purpose toolkit



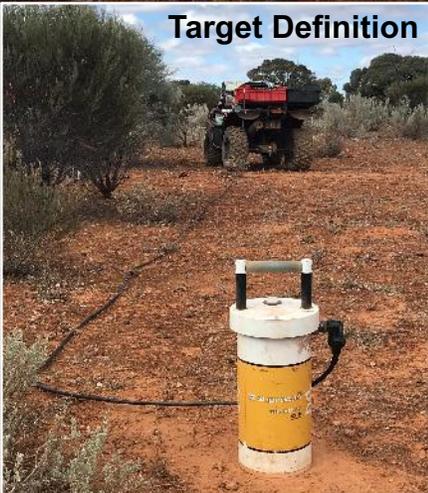
Regional Work



Regional Work



Target Definition



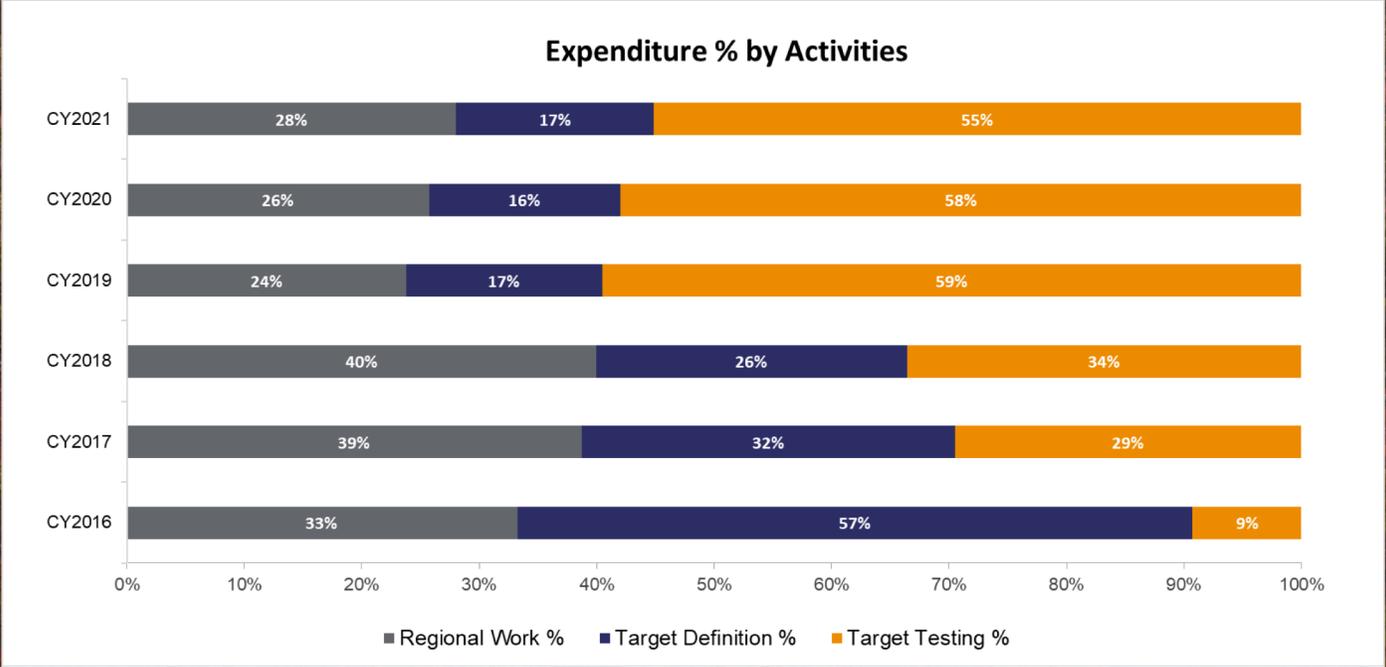
Target Definition



Target Testing



Target Testing



Exploration Successes Within Belt Scale Projects

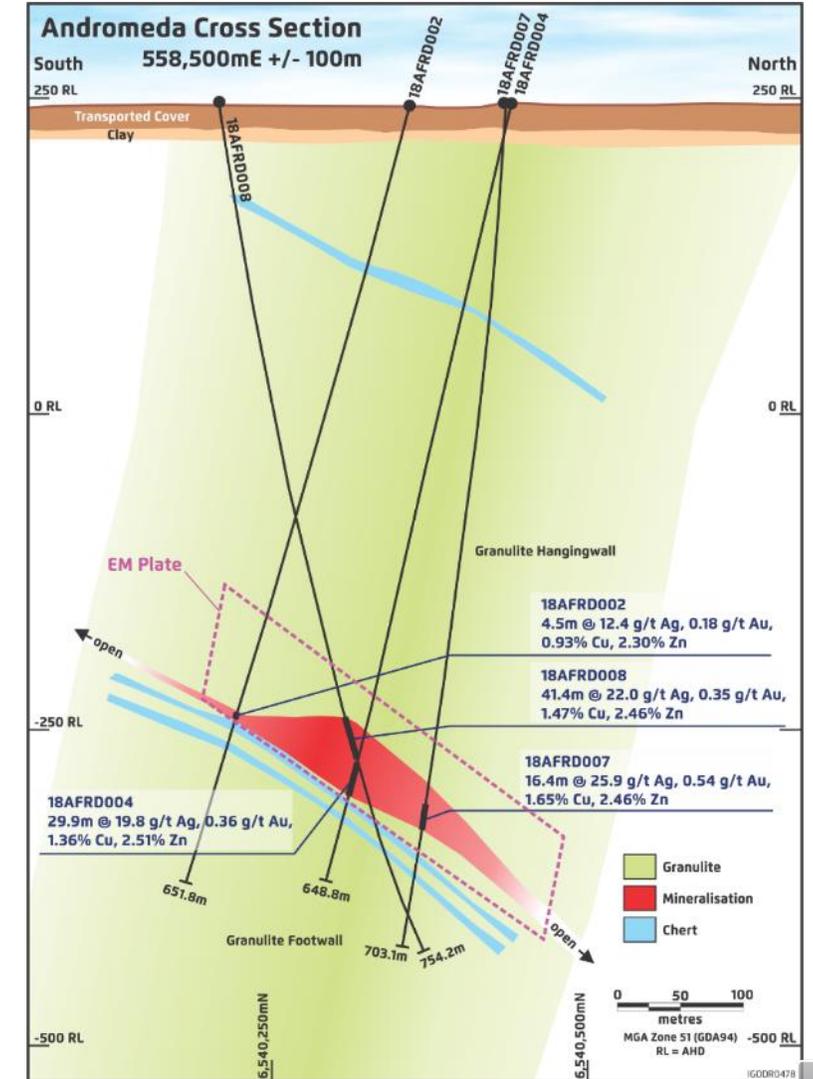


2018 - Andromeda Cu-Zn-Ag-Au VMS discovery

TEM survey using Low Temperature SQUID sensor identifies conductive body at >500m

Diamond drilling finds Cu-Zn-Au-Ag massive sulphide deposit at ca. 550m extending for >300m

Hole ID	From (m)	To (m)	Width (m)	Cu %	Zn %	Au ppm	Ag ppm
18AFRD004 ¹	548.1	578.0	29.9	1.36	2.51	0.36	19.8
18AFRD007 ¹	547.6	564.0	16.4	1.65	2.46	0.54	25.9
18AFRD008 ¹	531.2	572.6	41.4	1.47	2.46	0.35	22.0

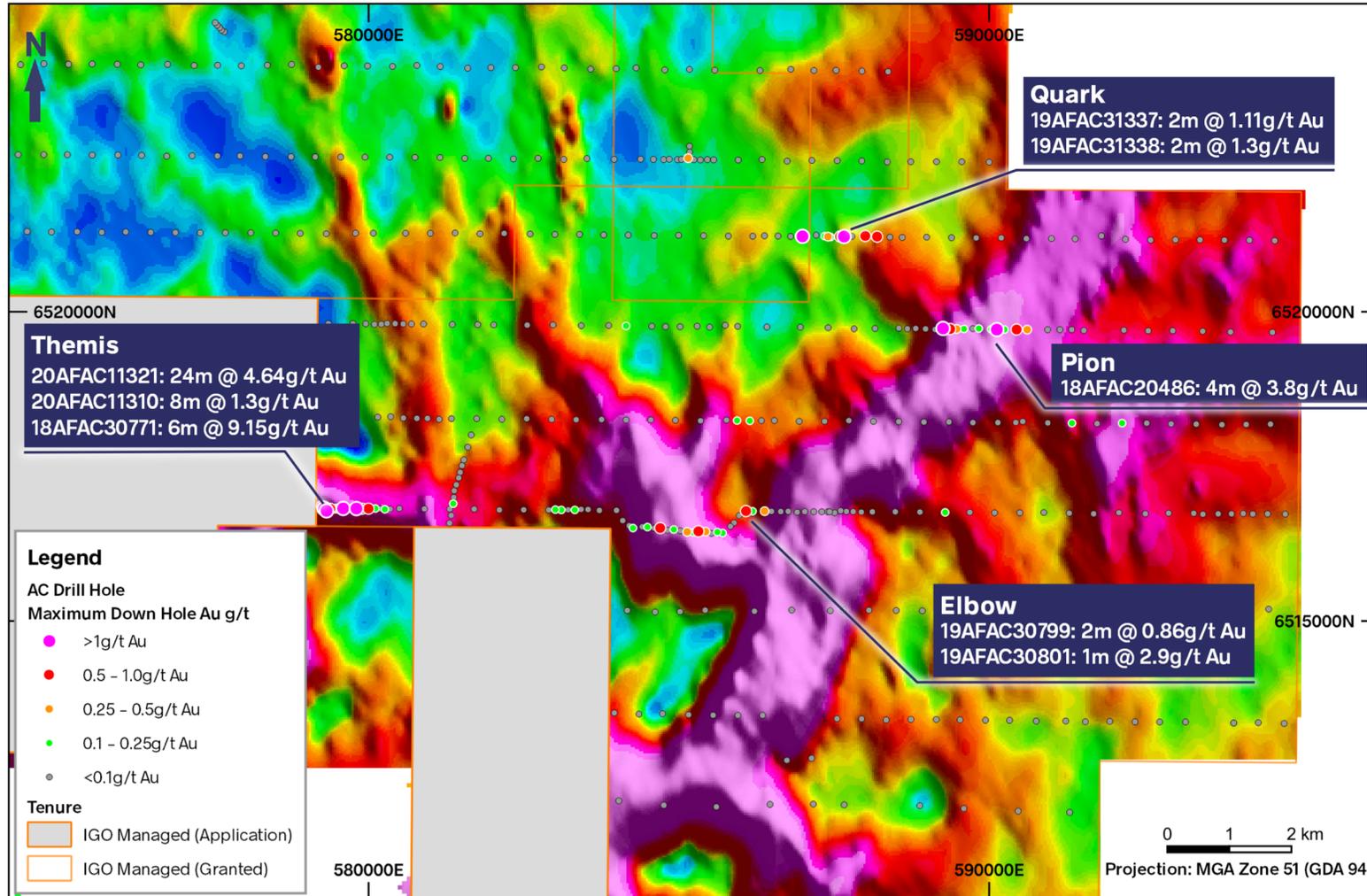


1) Refer to IGO ASX release dated 20 February 2019: Annual Update of Exploration Results, Mineral Resources and Ore Reserves

Exploration Successes Within Belt Scale Projects

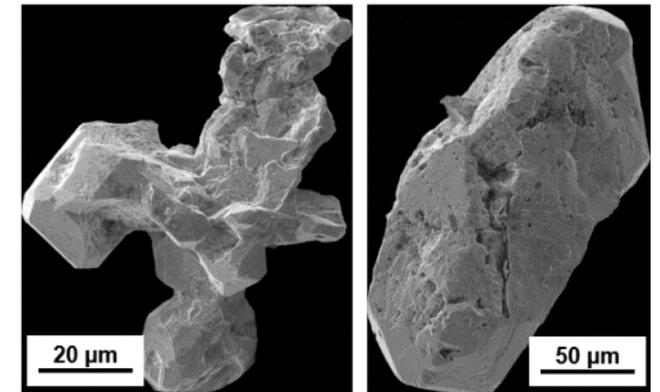


2019 - Gazelle paleochannel Au discovery²



Systematic AC drilling on a 1500m x 800m spacing identifies 15km long paleochannel gold system

Primary and secondary detrital gold crystals occur in the Gazelle area¹



1) Curtin University School of Earth and Planetary Sciences. Honours thesis by Lorgen Siziba; supervisors, Nick Timms and Mehrooz Aspandiar.

2) ASX Announcement, 01 July, 2019, Rumble Resources – “JV Partner Intersects Significant High-Grade Gold Mineralisation in Fraser Range” and 06 October 2020, Rumble Resources - “16m @ 6.69 g/t Gold Intersected at Fraser Range.”

Exploration Successes Within Belt Scale Projects

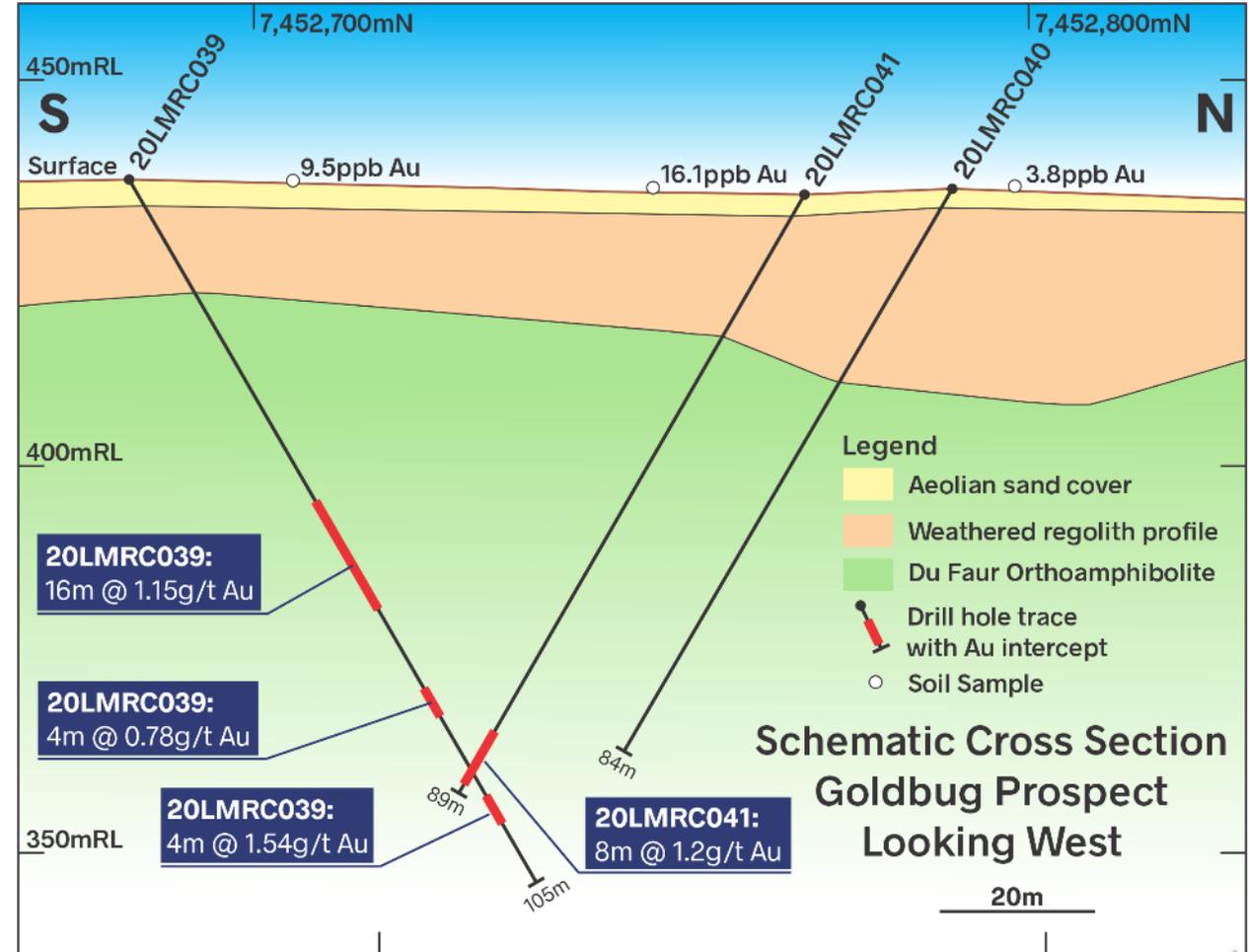


2016 to 2021 – Grapple, Goldbug and Arcee discoveries

Soil sampling using low detection geochemistry to identify gold anomalism

Multi-point gold anomalies, from 2 to 20ppb, result in discovery of multiple gold and base metal prospects

Prospect	From (m)	Width (m)	Au ppm	Ag ppm	Cu %
Grapple ¹	38	4	8.98	23.5	1.45
Goldbug ²	48	16	1.15	N.R.	N.R.
Arcee ²	112	12	3.47	0.00	0.01



1) ASX Announcement, 20 December, 2016, ABM Resources – “Exploration Update – Grapple Prospect Drill Intersections”.

2) ASX Announcement, 16 October, 2019, Prodigy Gold– “Lake Mackay JV Update: New Gold Prospect Identified” and 18 January, 2021, Prodigy Gold - “Lake Mackay JV: First bedrock gold intersected at Goldbug Prospect”.



Exploration Successes Within Belt Scale Projects

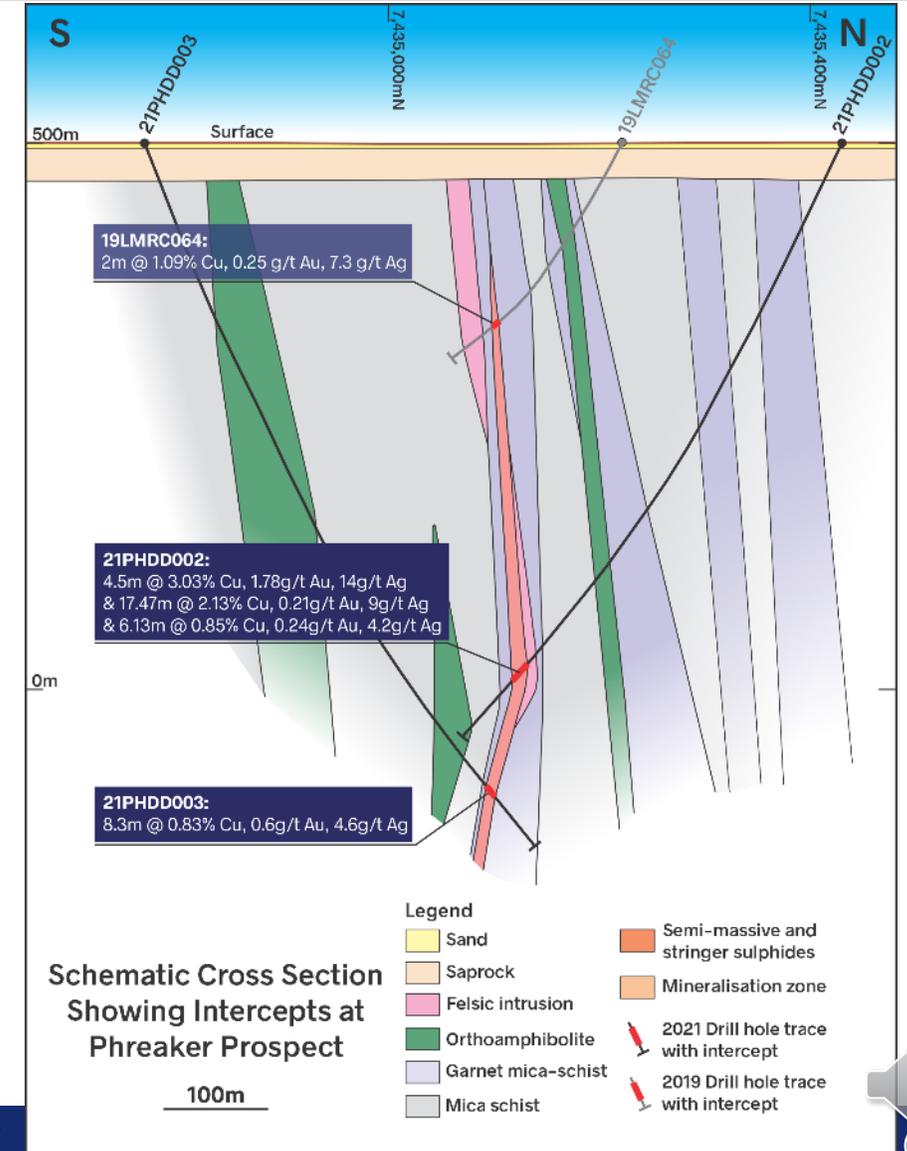


2019 to 2021 – The Phreaker Cu-Au-Ag discovery

High powered Spectrem AEM survey identifies multiple conductive plates at Lake Mackay to 300m

RC, then diamond drilling finds massive sulphide Cu-Au-Ag mineralisation from 75m to 560m

Hole ID	From (m)	Width (m)	Cu %	Zn %	Au ppm	Ag ppm
21PHDD001 ¹	479.9	4.7	1.24	0.28	0.02	7.7
21PHDD002 ¹	562.0	4.5	3.03	0.65	1.78	14
21PHDD003 ¹	575.2	17.5	2.13	0.31	0.21	9



1) ASX Announcement, 26 May, 2021, Prodigy Gold – “Exceptional High Grade copper intersections at the Phreaker Prospect within Lake Mackay JV”.
2) ASX Announcement, 17 July, 2019, Prodigy Gold – “More Copper and Cobalt intersected at Lake Mackay and promising new prospect identified”.

Why South Australia

It's all about copper



Adelaidean Rift Complex with clear stratigraphic similarities to the CACB

Small, but high-grade Sediment-hosted copper deposits across Adelaidean demonstrate process

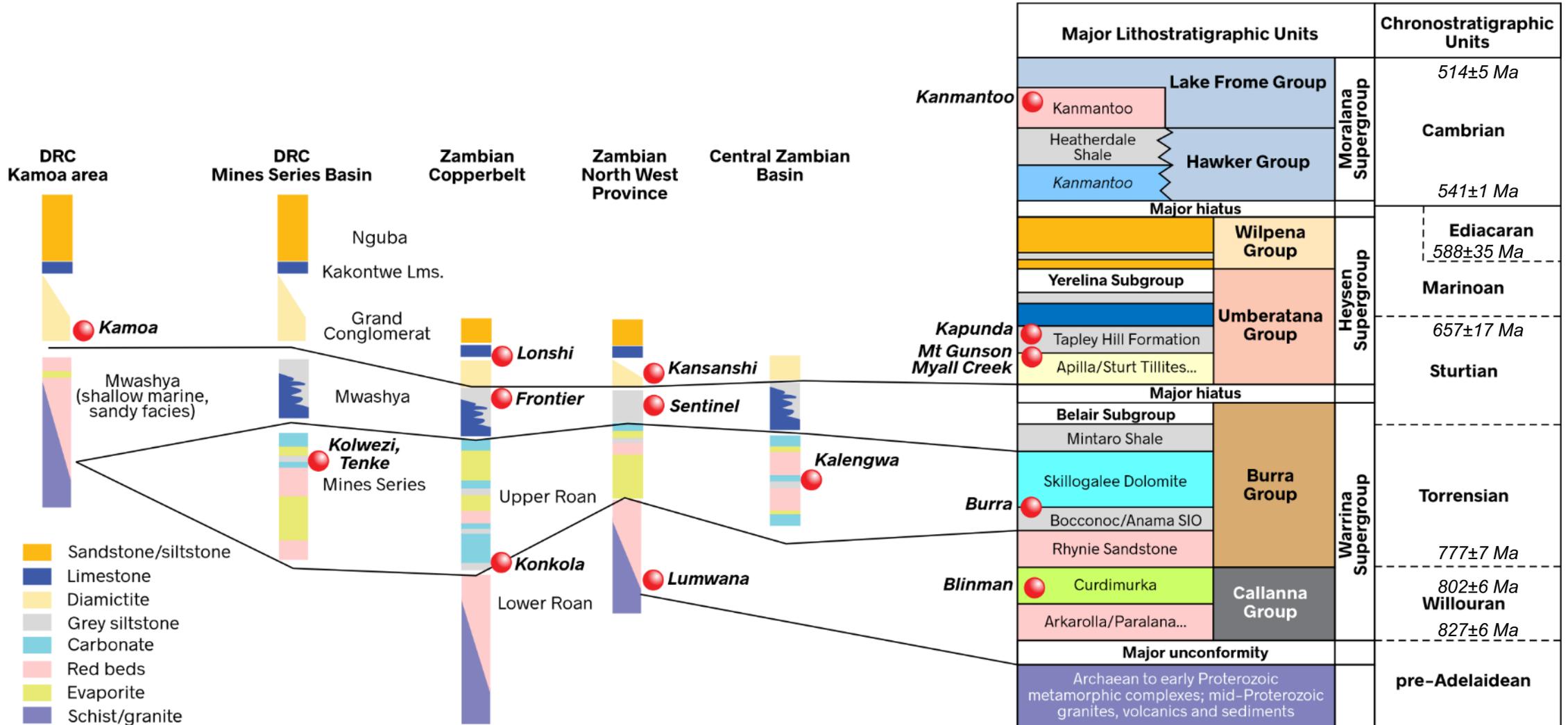
On a global scale, Sediment-hosted copper deposits tend to be large and high-grade

GSSA and local community very receptive and supportive; infrastructure is excellent



Comparing Stratigraphic Frameworks

Central African Copper Belt versus Adelaidean Rift Complex



A holistic approach to sediment-hosted copper exploration



Identifying the key criteria required to form world class copper deposits

Understand permissive stratigraphy

Identify thick copper source rocks

Reconstruct basin architecture from both existing and new data

Recognise links between potential host rocks and timing of major fluid events

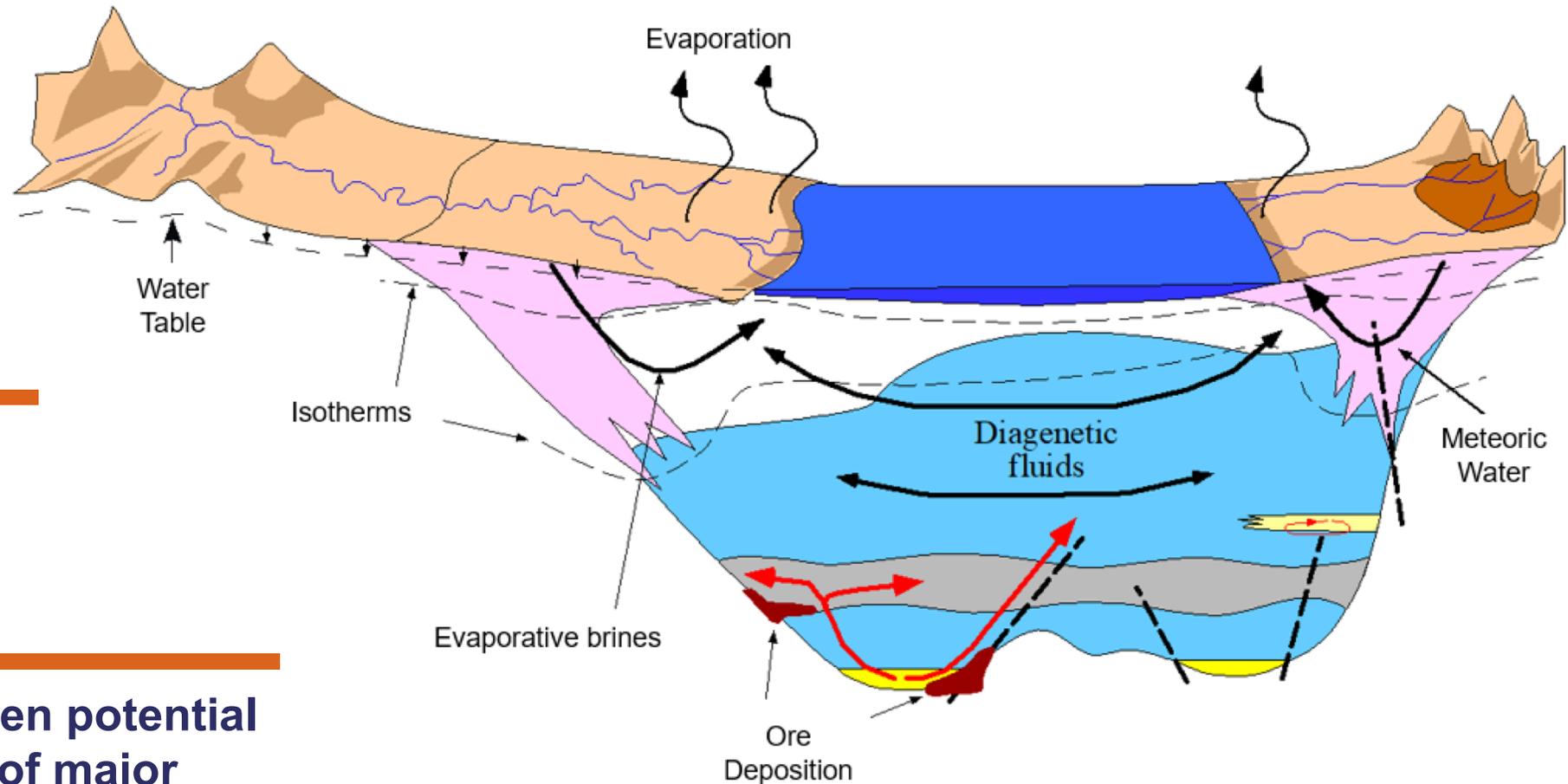


Figure from Kyser, 2000.

Our Exploration Methodology

A different style of toolbox



No direct detection expected

Historical and new drill holes
providing key clues

Reliance on methods that unravel
architecture

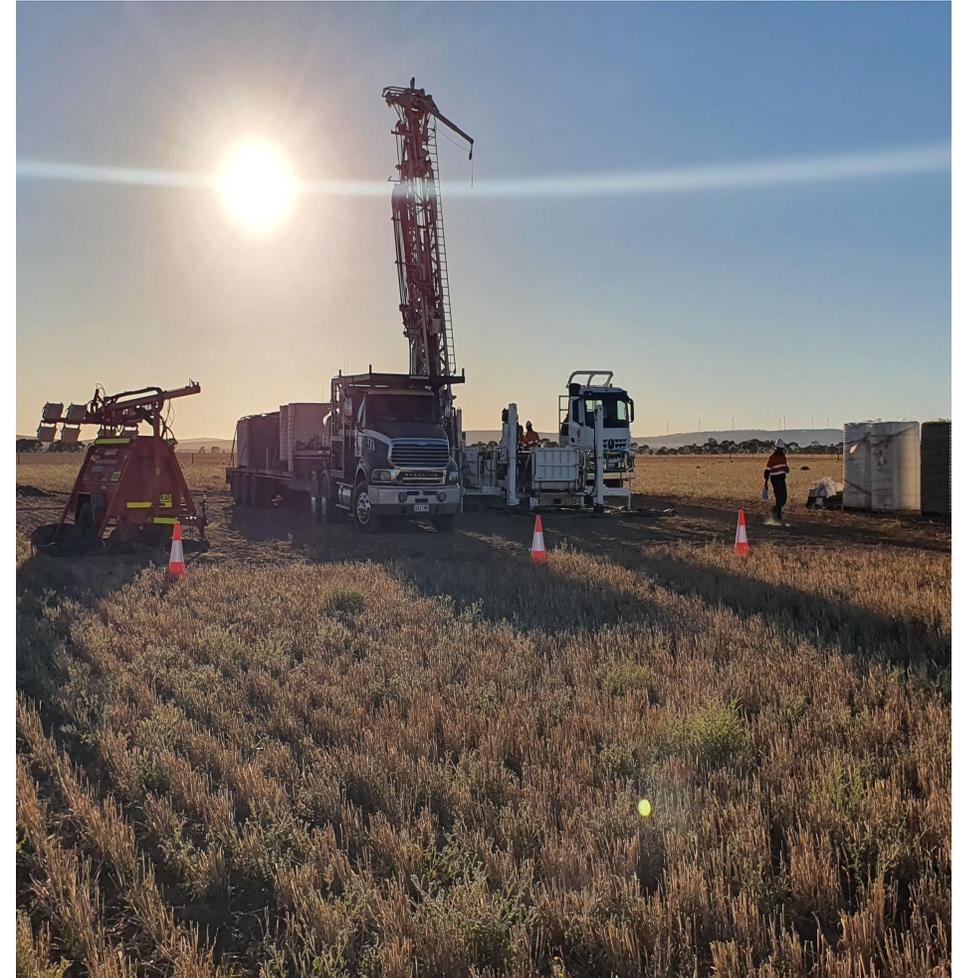


2022 Focus

Copper Coast - building our clean energy metals business



- **Continue analysis of all drilling data to better understand basin burial and diagenetic history**
- **Complete airborne MT survey to gain insight into 3D architecture across the project**
- **Investigate the merits of completing a series of 2D seismic traverses across project**
- **Complete stratigraphic drilling program in key locations**
- **Progress our understanding of fluid flow processes and mineralization through in-house research**





MAKING A DIFFERENCE

We believe in a world where people power makes amazing things happen. Where technology opens up new horizons and clean energy makes the planet a better place for every generation to come.

We are bold, passionate, fearless and fun – a smarter, kinder, more innovative company. Our work is making fundamental changes to the way communities all over the world grow, prosper and stay sustainable.

Our teams are finding and producing the specialist metals that will make energy storage mobile, efficient and effective enough to make long-term improvements to the lifestyle of hundreds of millions of people across the globe.

How? New battery storage technology is finally unleashing the full potential of renewable energy by allowing power produced from sun, wind and other sources to be stored and used when and where it's needed.

This technology will impact future generations in ways we cannot yet imagine, improving people's quality of life and changing the way we live.

We believe in a green energy future and by delivering the metals needed for new age batteries, we are making it happen.

This is the IGO Difference.



Cautionary Statements & Disclaimer

- This presentation has been prepared by IGO Limited (“IGO”) (ABN 46 092 786 304). It should not be considered as an offer or invitation to subscribe for or purchase any securities in IGO or as an inducement to make an offer or invitation with respect to those securities in any jurisdiction.
- This presentation contains general summary information about IGO. The information, opinions or conclusions expressed in the course of this presentation should be read in conjunction with IGO’s other periodic and continuous disclosure announcements lodged with the ASX, which are available on the IGO 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.
- This presentation includes forward looking information regarding future events, conditions, circumstances and the future financial performance of IGO. Often, but not always, forward looking statements can be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue" and "guidance", or other similar words and may include statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs. Such forecasts, projections and information are not a guarantee of future performance and involve unknown risks and uncertainties, many of which are beyond IGO’s control, which may cause actual results and developments to differ materially from those expressed or implied. Further details of these risks are set out below. All references to future production and production guidance made in relation to IGO are subject to the completion of all necessary feasibility studies, permit applications and approvals, construction, financing arrangements and access to the necessary infrastructure. Where such a reference is made, it should be read subject to this paragraph and in conjunction with further information about the Mineral Resources and Ore Reserves, as well as any Competent Persons' Statements included in periodic and continuous disclosure announcements lodged with the ASX. Forward looking statements in this presentation only apply at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information IGO does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.
- There are a number of risks specific to IGO and of a general nature which may affect the future operating and financial performance of IGO and the value of an investment in IGO including and not limited to economic conditions, stock market fluctuations, commodity demand and price movements, access to infrastructure, timing of environmental approvals, regulatory risks, operational risks, reliance on key personnel, reserve and resource estimations, native title and title risks, foreign currency fluctuations and mining development, construction and commissioning risk. The production guidance in this presentation is subject to risks specific to IGO and of a general nature which may affect the future operating and financial performance of IGO.
- All currency amounts in Australian Dollars unless otherwise noted.
- Financial Data are unaudited.