



Australasian Metals Limited

## **Focusing on transformational exploration**

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Dr Qingtao Zeng  
Managing Director

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**ASX:A8G** | [www.australasiangold.com](http://www.australasiangold.com)

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# Clear focus



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Australian projects only-Low risk, straight forward to add value



Advanced gold exploration projects in Queensland and Lithium exploration project in Northern Territory, established mining jurisdictions



Large land package with favourable geology



Targeting exercise with CSIRO presents early wins.



Exploration fieldwork on going for Lithium with Northern Territory Grant.

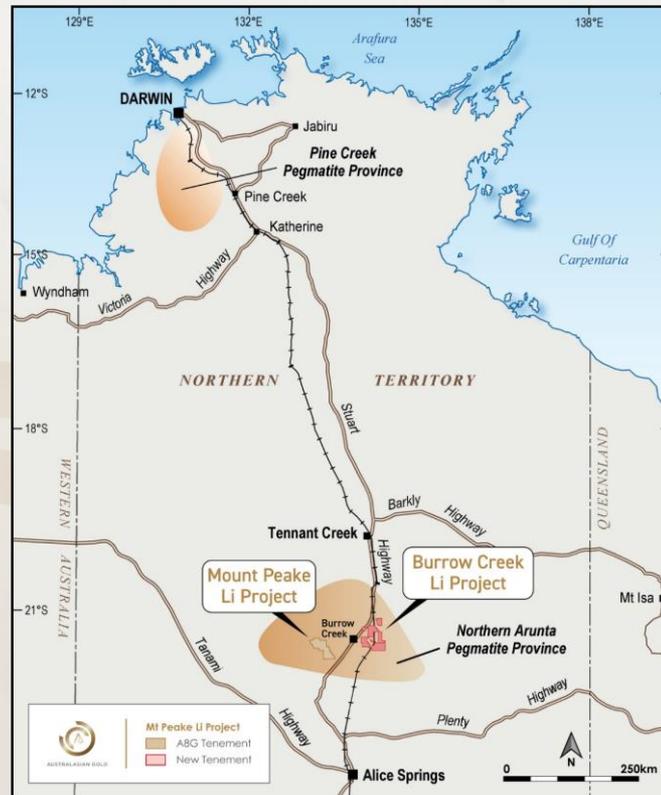
# Large lithium prospective landholding



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## Significant lithium deposits require big pegmatite host

- Two major pegmatite provinces in Northern Territory.
- Northern Arunta Pegmatite Province-concentrate price open ups this new space for lithium exploration.
- Access to Stuart Highway and close to Central Australian Railway.



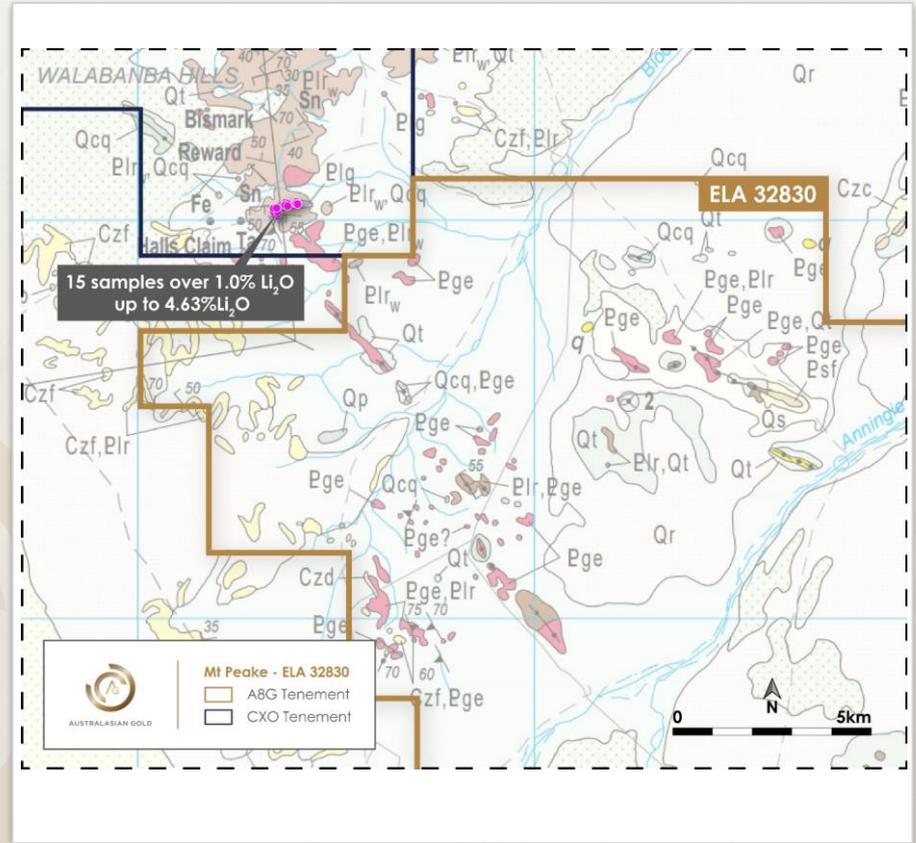
# Historical Report, Li-mineral identified



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- Historical tin and tantalum production record, LCT pegmatite confirmed
- Over 15 samples over 1.0% Li<sub>2</sub>O from rock chip sampling. Some of the samples contain 20-50% **spodumene** with an outstanding maximum lithium grade of 4.63% Li<sub>2</sub>O\*.
- Li has never been targeted as the commodity in EL32830.

\* Refer Todd River Resources (ASX:TRT) announcement, 21 December 2017; Core Lithium (ASX: CXO) announcement 17 December, 2019)



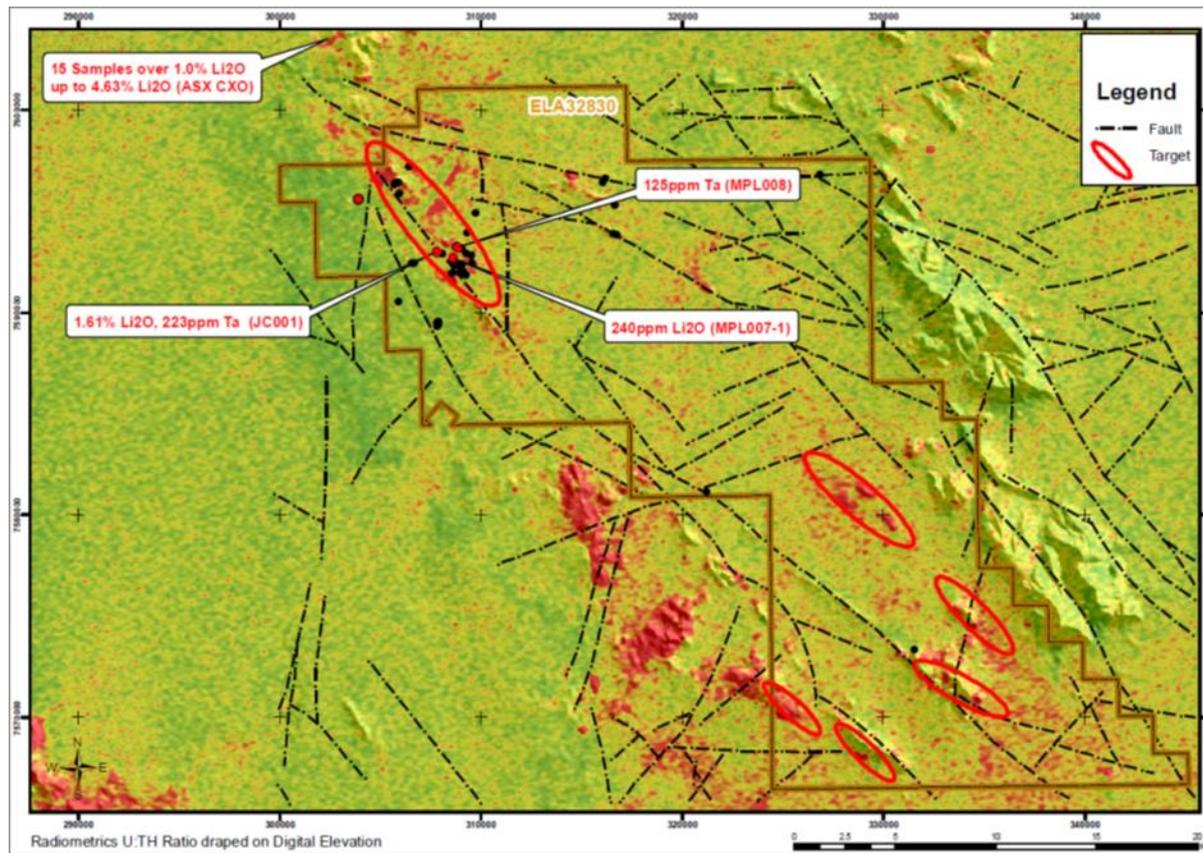
# Team up with CSIRO in Lithium exploration



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- Australasian Metals awarded a CSIRO Kick-Start research program twice focused on Li exploration in the Mt Peake Pegmatite Field
- Start with imagery interpretation of different datasets and ground truth it with detailed mapping and sampling





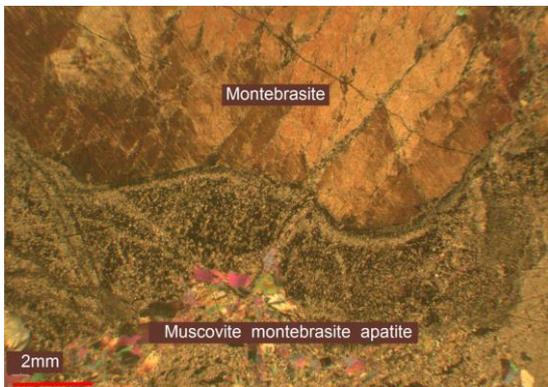
- Pegmatite identified in neighbour tenement (CXO)
- Pegmatite mapped out by 1:250K scale regional geological map.

High priority pegmatite targets identified by CSIRO team in EL32830, Mt Peake Lithium project Northern Territory, using U-Th ratio as an indication of granite fractionation

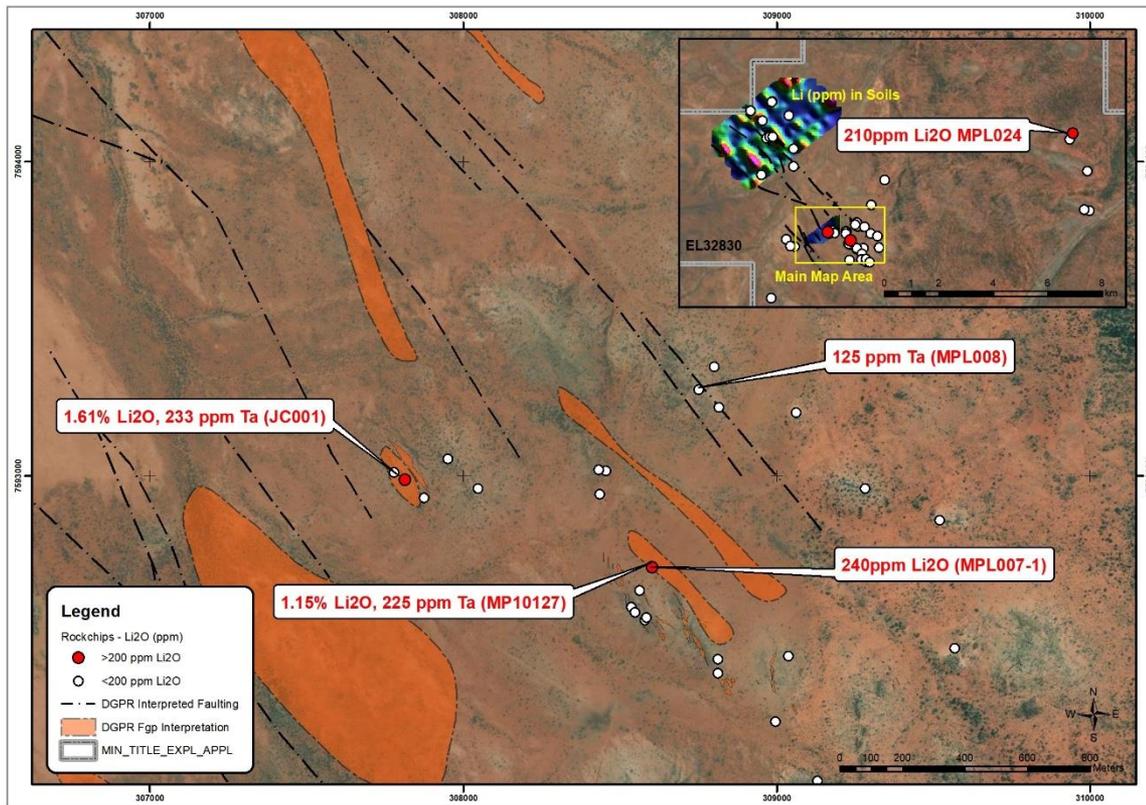
# 1.61% Li<sub>2</sub>O & 233 ppm Ta, 1.15% Li<sub>2</sub>O & 226 ppm Ta rock chips from surface mapping

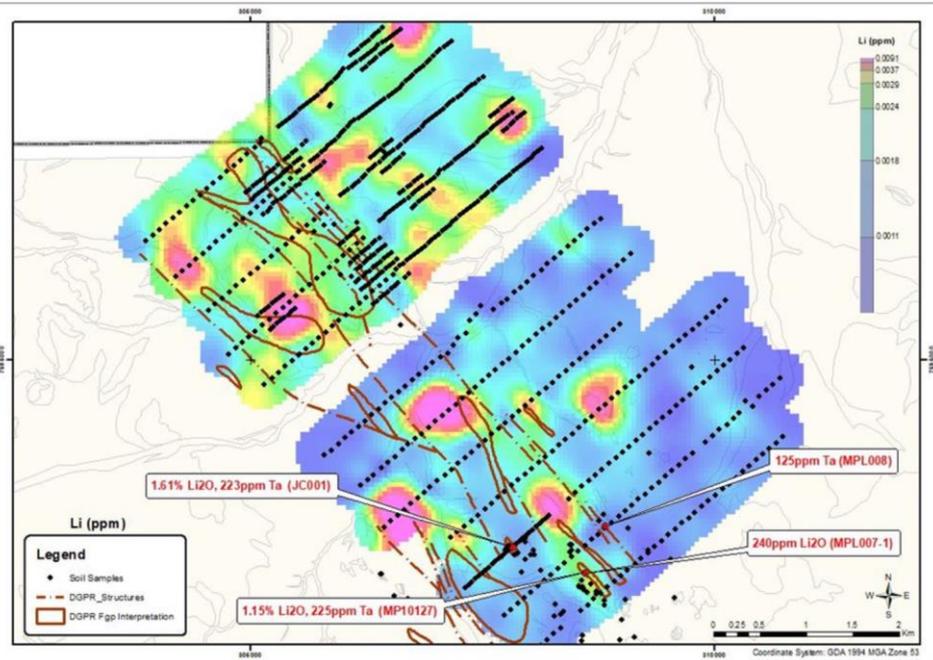


Close look of the Sample JC001, ~ 40% of the minerals are spodumene roughly in this piece

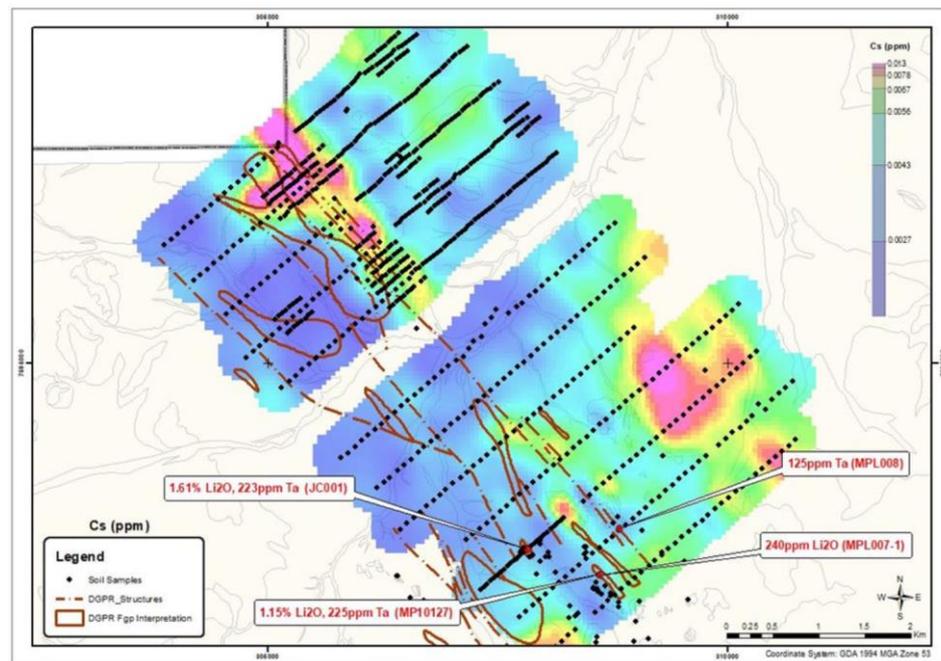


Sample ML10127 petrological study





Lithium geochemical contours generated from data in the attached appendix. Location of Samples JC001 and MP10127 in the northwest corner of EL32830. The orange polylines represent interpreted pegmatite bodies at shallow depth from a previous deep ground-penetrating radar (DGPR) survey. The gap between the two sections of soil sampling is due to the presence of a major drainage system.

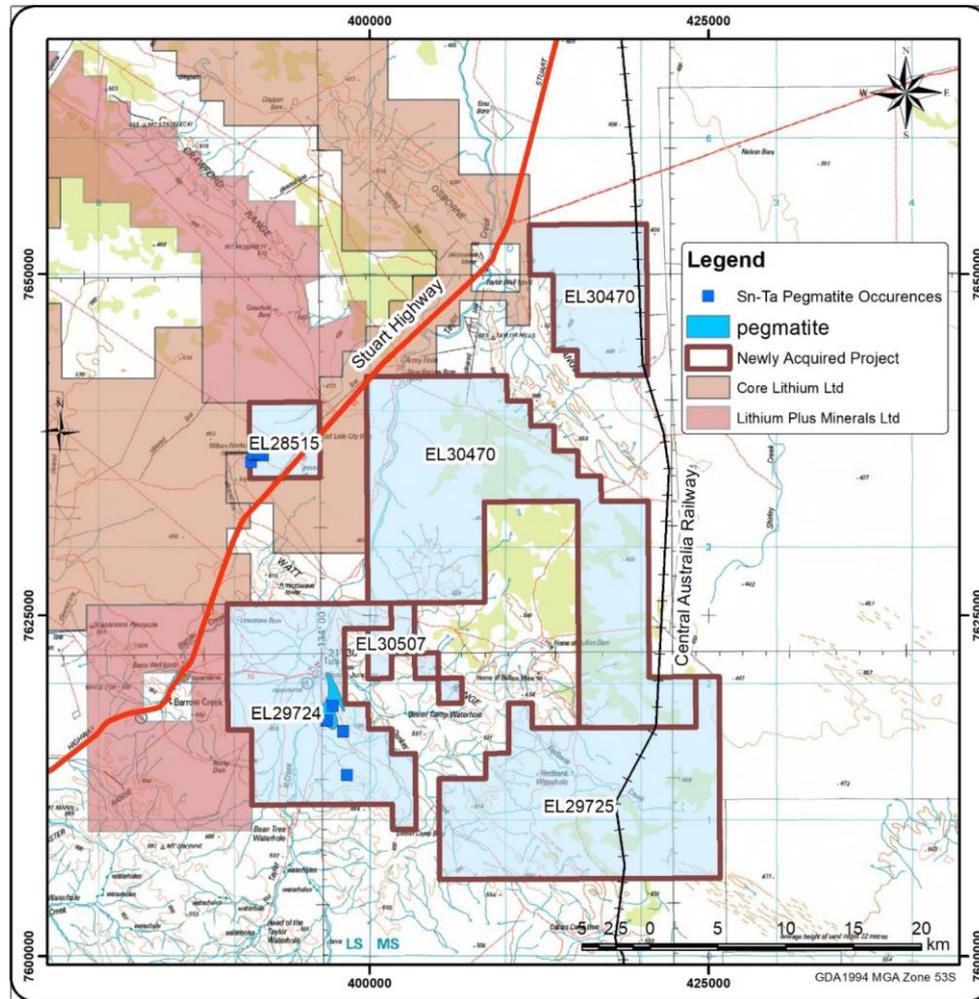


The soil Cs geochemical contour were generated from the data attached

# A8G to acquire a 90% interest in a substantial Li exploration package within the Northern Arunta LCT pegmatite province

Layout of the newly acquired tenements. The package share boundary with Core Lithium Limited and another lithium explorer (Lithium Plus Minerals Ltd). Pegmatite is mapped with 1:250K geological map and Sn-Ta pegmatite occurrences have been reported

- Over 1018ppm Ta sample identified
- Bulk sampling is planned



# Plan forward



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Team up with CSIRO-technical boost, more targets

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Landowner access agreement signed

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Define drilling target and Mining Management Plan for drilling submitted

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Fully funded with quality downstream players but no offtake encumbrance



瑞福锂业  
RUIFU LITHIUM

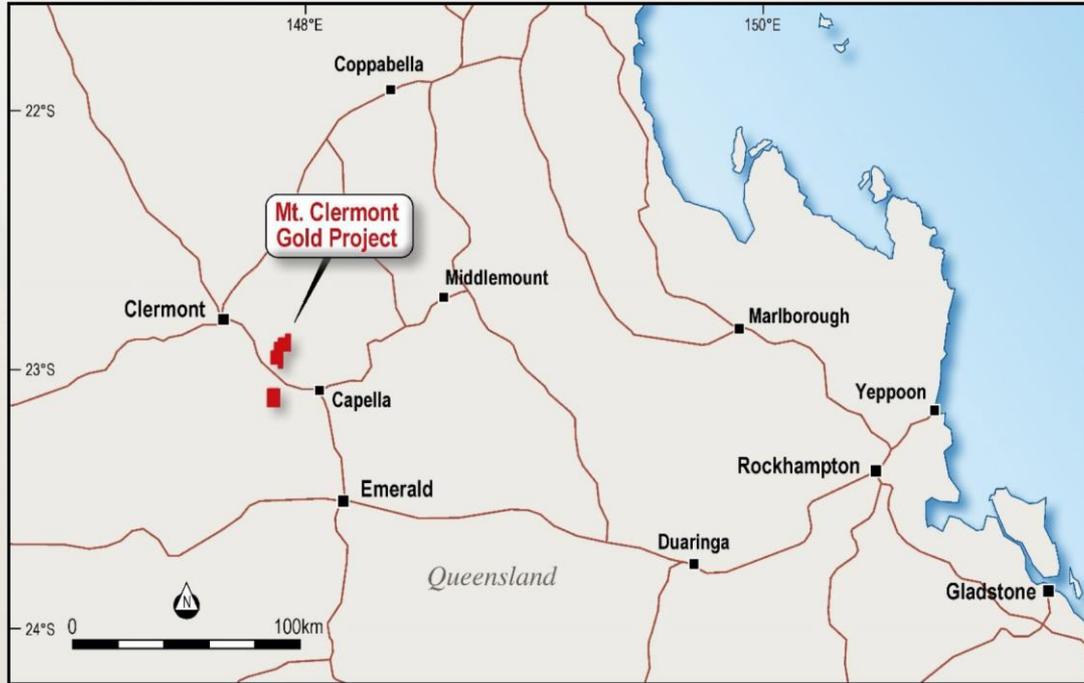


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XIN FENG GROUP

# Mt Clermont Gold Project Queensland



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## An underexplored low sulphidation gold system

- Located in the Drummond Basin Queensland; a prolific epithermal Au-Ag belt with several world class deposits (Pajingo >5 Moz gold, Wirralie >1Moz Gold).
- High grade historic drill intercepts at Retro Extended including **8m at 16.1 g/t Au, 143 g/t Ag, 5.6% Cu, 7.8% Pb** from 8 metres.
- Superb narrow high grade intercept from diamond drilling during the 2018 drilling campaign 0.7 metres at **10.9 g/t Au 146 g/t Ag 8.3% Zn, 5.1% Pb, 0.7% Cu** and 310 ppm Bi from 229.5 metres down hole RTIPT016



# Capella Gold Project Queensland



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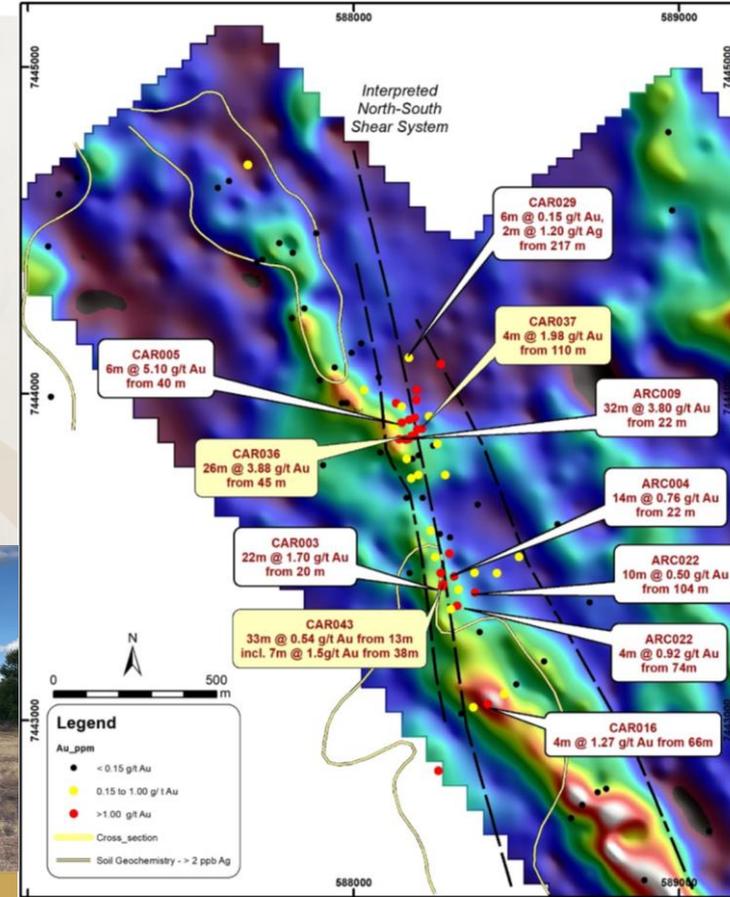
## New gold trend identified

Our maiden RC drilling campaign at the Capella gold project has verified historical drill intercepts with results including:

- CAR036: **26m at 3.88 g/t Au** from 45m, including: 2m at 33.4 g/t Au from 50m and 3m at 3.89 g/t Au from 59m and 1m at 9.75 g/t Au from 78m
- CAR037: **4m at 1.98 g/t Au** from 110m
- CAR043: 33m at 0.54 g/t Au from 13m, including **7m at 1.55 g/t** from 38m

Historical drilling at the Capella gold project includes high-grade gold intercepts, including:

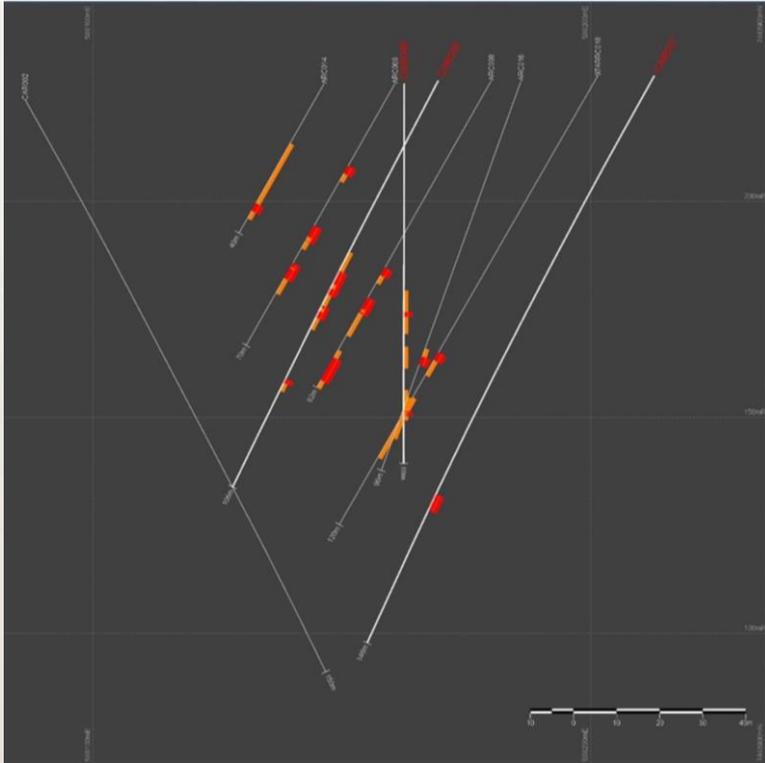
- ARC009: 32m at 3.8 g/t Au from 22m, including 2m at 32.8 g/t Au from 22 m and 2m at 18.9 g/t Au from 50m; and
- CAR005: 6 m at 5.1 g/t Au from 40m



# Capella Gold Project Queensland



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- Good grade, thick gold mineralization shallow
- Title transfer completed Sept 2021
- Data compilation is under the way focusing on structure geology
- Further Drilling targets refined aiming at defining JORC resources
- Landowner supportive



# Experienced team



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## **Mr Rory McGoldrick, Non-Executive Chairman**

*Rory McGoldrick is a lawyer with over 15 years' experience working on a range of corporate transactions as a lawyer, project manager and director. Since 2010, Rory has assisted with the early stage development of a number of mining and energy projects, with a focus on projects within Europe.*

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## **Dr Qingtao Zeng, Managing Director**

*PhD in Geology from Centre for Exploration Targeting of University of Western Australia, Geologist for Dragon Mountain Gold, Eldorado Gold and CSA Global. Non-executive Director of Kodal Minerals Plc (AIM: KOD) and Metalstech Limited (ASX: MTC)*

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## **Mr Graeme Fraser, Non-Executive Director**

*Graduated with Hons in Geology from the University of Melbourne, 20 years experience with senior management roles for Eldorado Gold and Fosterville Gold Mine among others.*

# Takeaway messages



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- Gold and Lithium exploration focused company with over 5 M AUD cash
- Lithium target defined and maiden drilling is pending with government grant support
- We know lithium and well connected with potential project opportunities and offtake partners
- Management is capable to deliver major transactions
- Tight capital structure only ~52 M shares on issue. Top 20 own over 60%. Highly leveraged with exploration success





## AUSTRALASIAN METALS

For more information please contact:

Email: [qingtao.zeng@australasiangold.com](mailto:qingtao.zeng@australasiangold.com)

Address: 34 Unit, 123 B Colin Street, West Perth

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