COSMOS

Spin Out and IPO

# High-impact Nickel, Copper, PGE and Gold Exploration

Cosmos Exploration Limited

ASX:C1X

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# Investment Highlights

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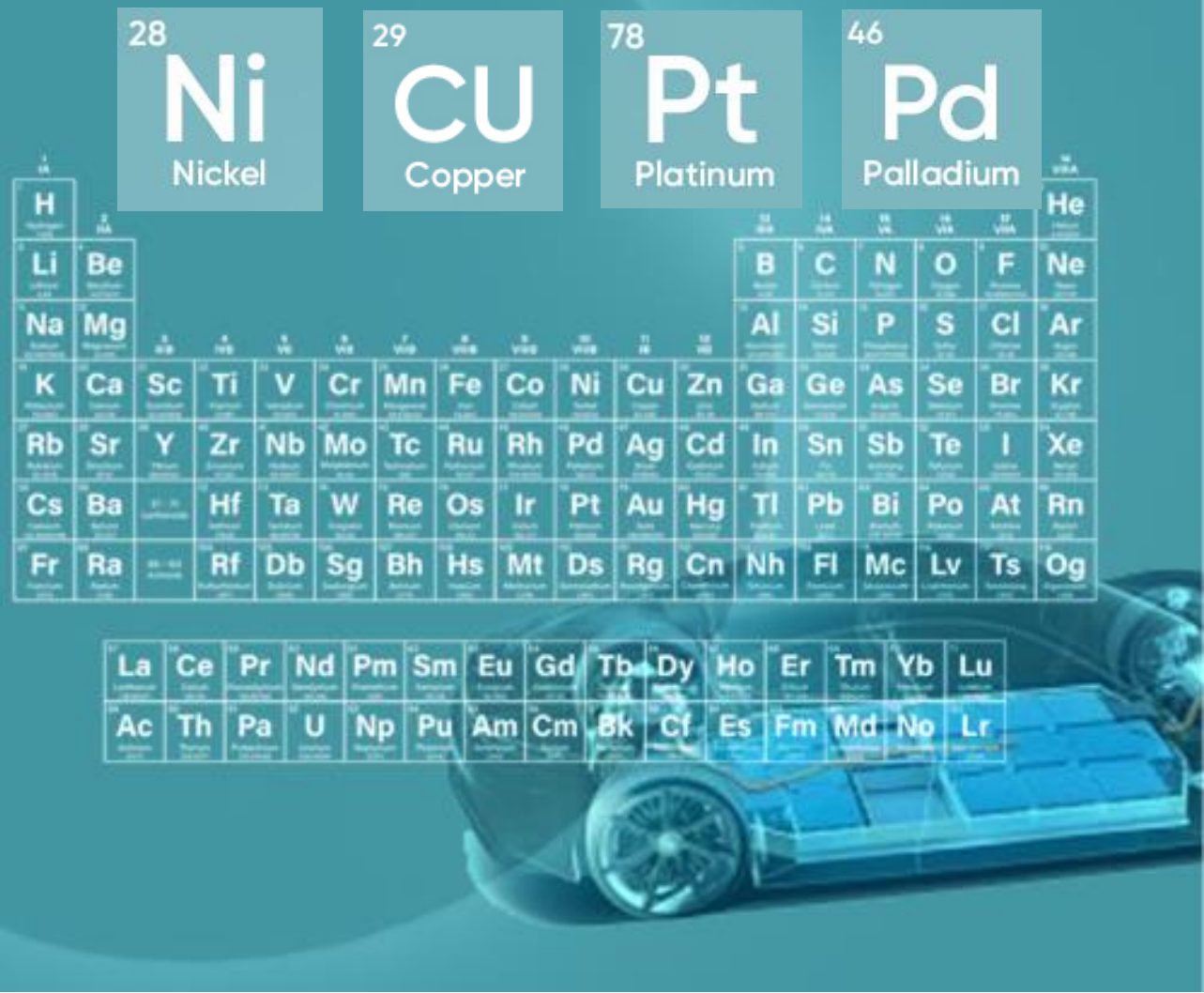
Cosmos Exploration Limited (**Cosmos** or the **Company**) is a spin-out of RareX's Limited (ASX: REE) Byro East Nickel-Copper-PGE Project (**Byro East**) and Orange East Copper Gold Project (**Orange East**).

**Tier 1 Jurisdiction**: Byro East is located in Western Australia and Orange East is located in New South Wales within close proximity to existing infrastructure.

**Nickel-Copper-PGE Targets**: Byro East hosts numerous nickel-copper-PGE targets along the geological setting of the Milly Milly intrusions, considered to be analogous to the Gonneville intrusion that hosts Chalice Mining Limited's world-class Julimar discovery.

**Potential for Large Scale Copper-Gold Systems**: The Orange East Project is located 15km along strike from the McPhillamys Gold Mine (Probable Reserve of 60.1Mt at 1.05g/t Au for 2.03Moz2), which is owned by Regis Resources Limited with potential for orogenic gold and porphyry intrusion related copper-gold systems.

**Compelling Pre-Money Valuation of ~$2.0 million**: Cosmos raised $5.0 million through an issue of new equity at 20¢ per share pursuant to the IPO on a pre-money valuation of $2.0 million with a market capitalization of $7.0 million at listing.



# The Projects

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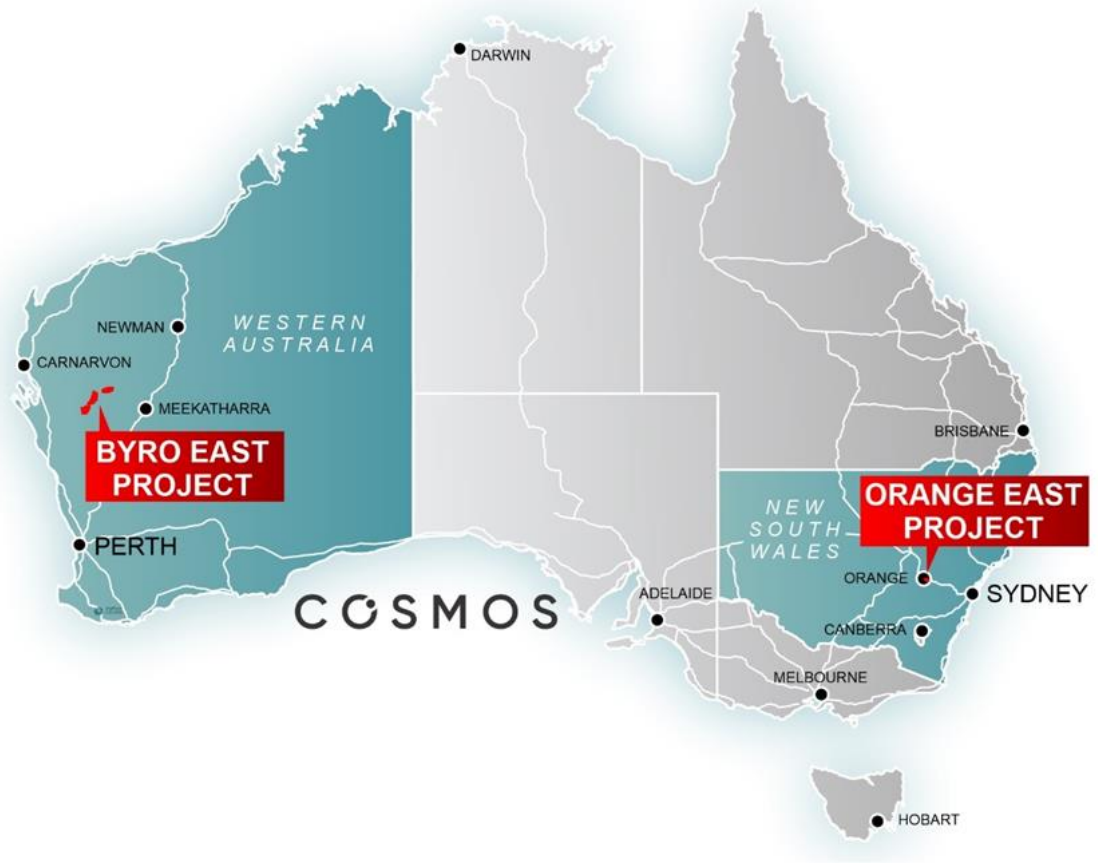
## BYRO EAST PROJECT

- 100%-owned by Cosmos
- Identified by RareX prior to Julimar Discovery
- Similar geological setting to **Julimar** and **Nova-Bollinge**r deposits
- Potential mafic-ultramafic intrusion related **nickel-copper** and **PGE** mineralisation
- Four exploration prospects identified

## ORANGE EAST PROJECT

- 75%-owned by Cosmos
- Advanced exploration project located on the boundary between the Molong Arc and Hill End Trough within the Lachlan Fold Belt, a major mineral province
- Similar geological setting and along strike from the **multi-million ounce McPhillamys Gold Mine**
- Prospective for large scale **gold** and **copper** systems
- Strong copper-gold soil geochemical anomalies identified



# Corporate Overview

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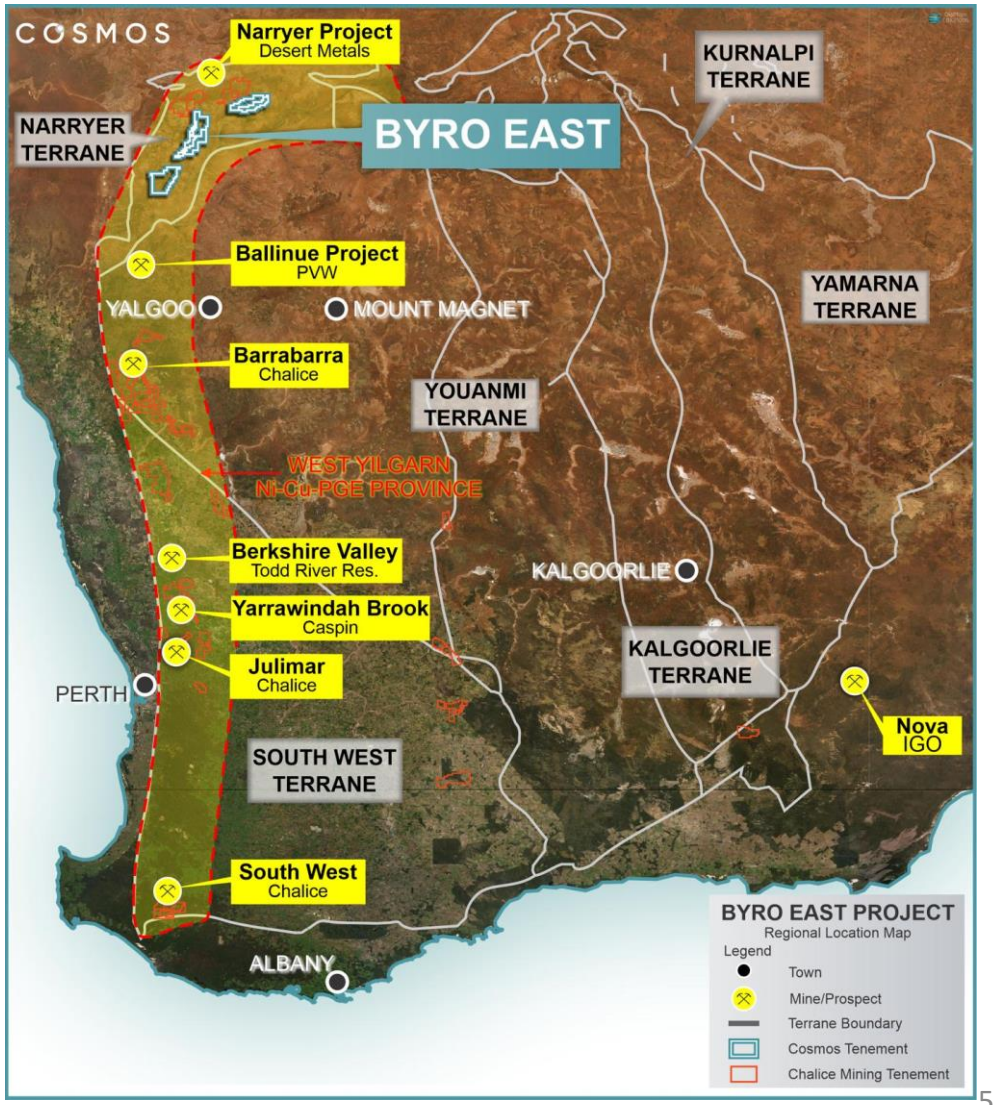
## CAPITAL STRUCTURE

- Shares on Issue – 35m (600 Shareholders)
- Cash - $5m (raised under the IPO 1st December 2021)
- Major Shareholders – RareX Limited (10m Shares)

## BOARD AND MANAGEMENT

- Executive Chairman – Jeremy Robinson (current managingirector of RareX Limited (ASX: REE) and has previous experience as a non-executive director and company secretary for a number of ASX listed resource companies).
- Exploration Manager – Kristian Hendriksen (a geologist with over 14 years of industry experience, having held mining and senior exploration geological roles with listed and unlisted companies).
- Non Executive Director – Andrew Denniss (15 years' experience in finance and banking within Australia and the UK. With involvement in a broad range of cross jurisdictional transactions).
- Non Executive Director and Company Secretary – James Bahen (a Corporate Advisory Executive and Chartered Secretary who commenced his career in audit and assurance with a chartered accounting firm and is experienced in navigating the various ASX listing rule requirements in matters such as acquisitions/disposals and capital raisings



# Byro East Project

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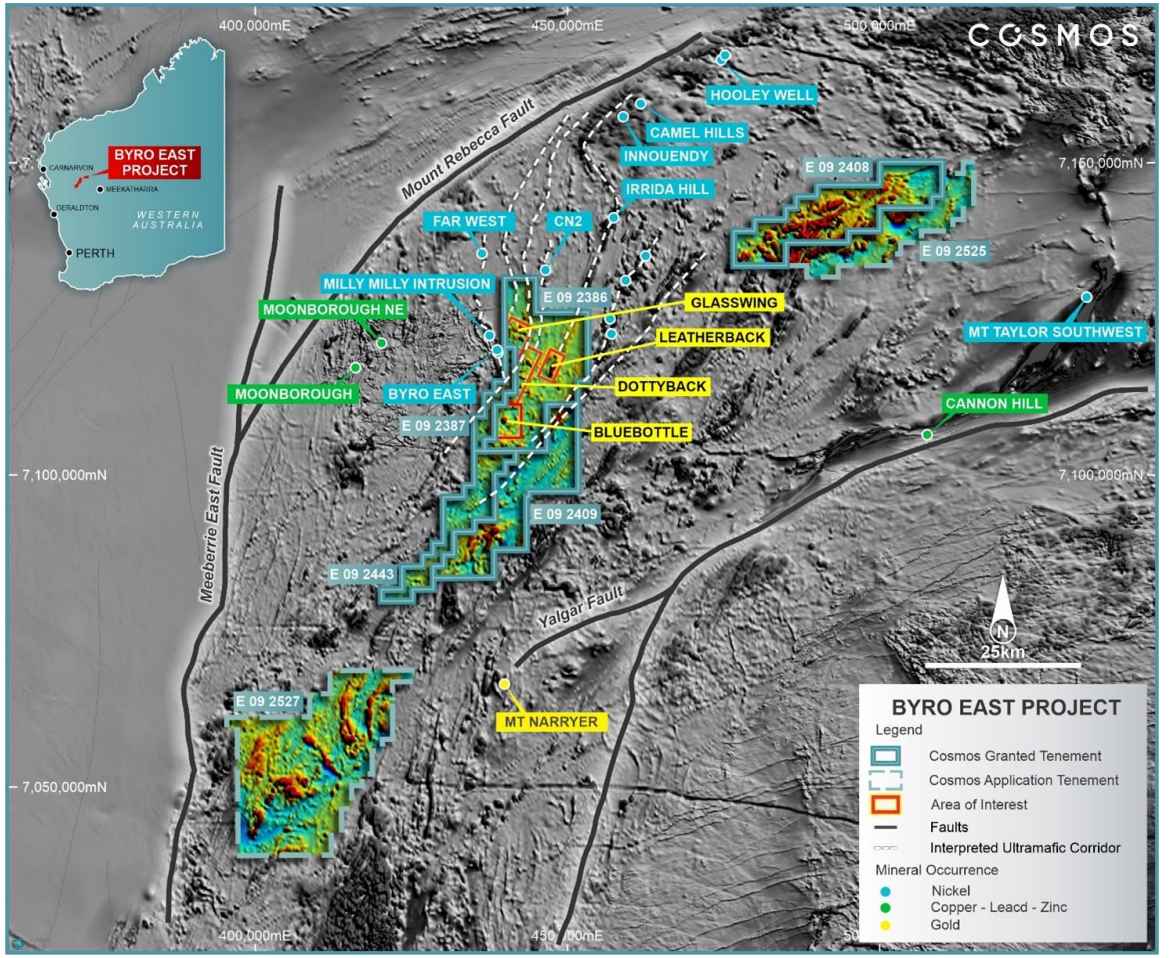
Target orthomagmatic sulphides through the use of high powered electromagnetic technologies and surface geochemistry to generate a pipeline of targets

- Airborne EM (VTEM) to screen all granted tenure for massive sulphide bodies within 400m of surface
- Follow up any VTEM anomalies with ground EM
- Surface geochem to assist prioritisation of VTEM targets
- Regional surface geochem to identify mineralisation related to disseminated sulphides
- Significant strike length of historic Ni-Cu soil anomalism identified in the 1973 by Jododex.
- Looking to increase geochem anomaly by targeting known ultramafics that have not be sampled.
- Potential to find more ultramafic/mafic bodies along strike under shallow transported cover.



# Byro East Project - Underway

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## Exploration has commenced at Byro East

- Multi-element soil sampling has already commenced with a program underway covering 37 square kilometers adjacent to the Milly Milly intrusion at the Leatherback and Dottyback prospects targeting Intrusion related Nickel Copper PGE and Orogenic Gold mineralization.
- Follow on Airborne EM (VTEM) to screen all granted tenure for massive sulphide bodies within 400m of surface planned for early 2022
- Both soil sampling and geophysics to guide drilling program in 2022



# Orange East Project

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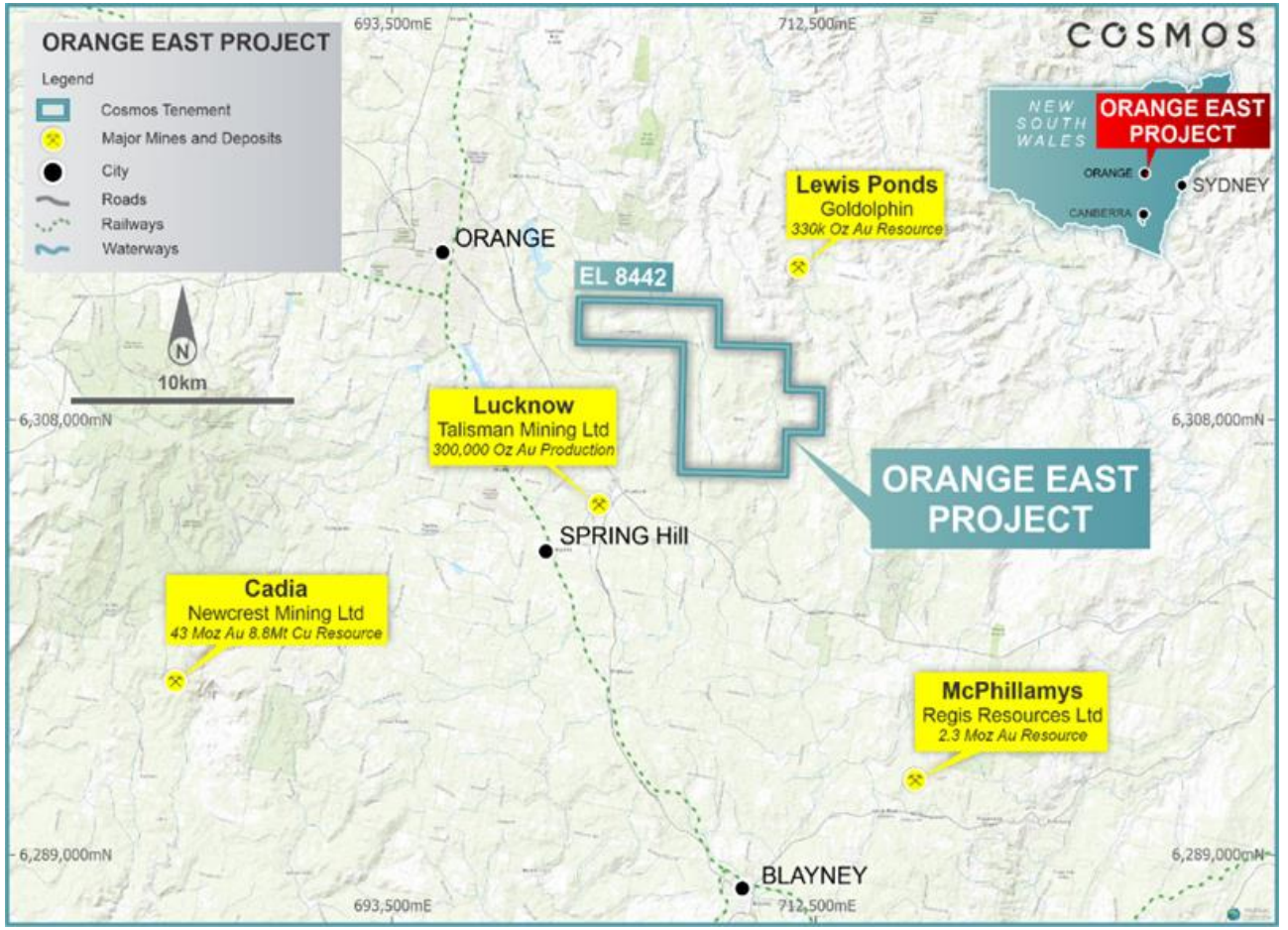
- Has the potential to host an array of mineralisation styles which include:
  - Orogenic McPhillamys gold
  - Porphyry intrusion related copper-gold
  - Volcanic hosted massive sulphide (VHMS)
- The exploration strategy will initially focus on orogenic, McPhillamys style gold
- Apply an incremental drilling approach to follow up numerous open surface geochemical trends and drilling
- Drill test IP anomalies possibly related to disseminated pyrite-gold mineralisation
- Detailed magnetic & gravity survey over prospects to improve structural understanding and gravity will also allow to test for porphyry stocks at depth



# Orange East Project

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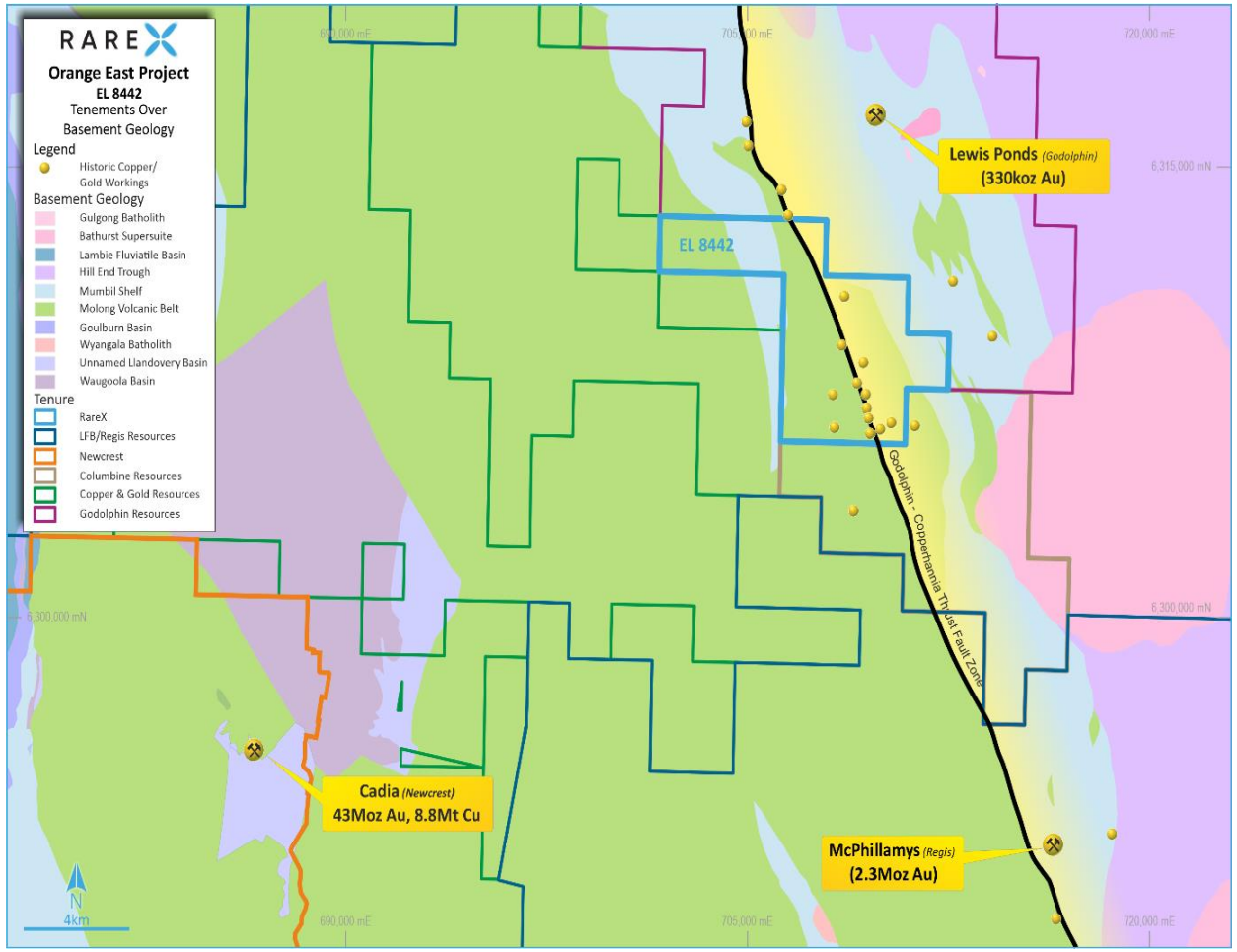
- The Orange East Project is located 15km along strike from the McPhillamys Gold Mine (Probable Reserve of 2.02Moz) owned by Regis Resources Limited
- Advanced exploration project located on the boundary between the Molong Arc and Hill End Trough within the Lachlan Fold Belt, a major mineral province
- The regionally significant Godolphin-Copperhannia Thrust Fault Zone (GCFZ) traverses through the centre of the tenement and host dozens of historical copper-gold-silver workings, including the Carangera mine, which produced 760 t of oxide copper ore.



# Orange East Project

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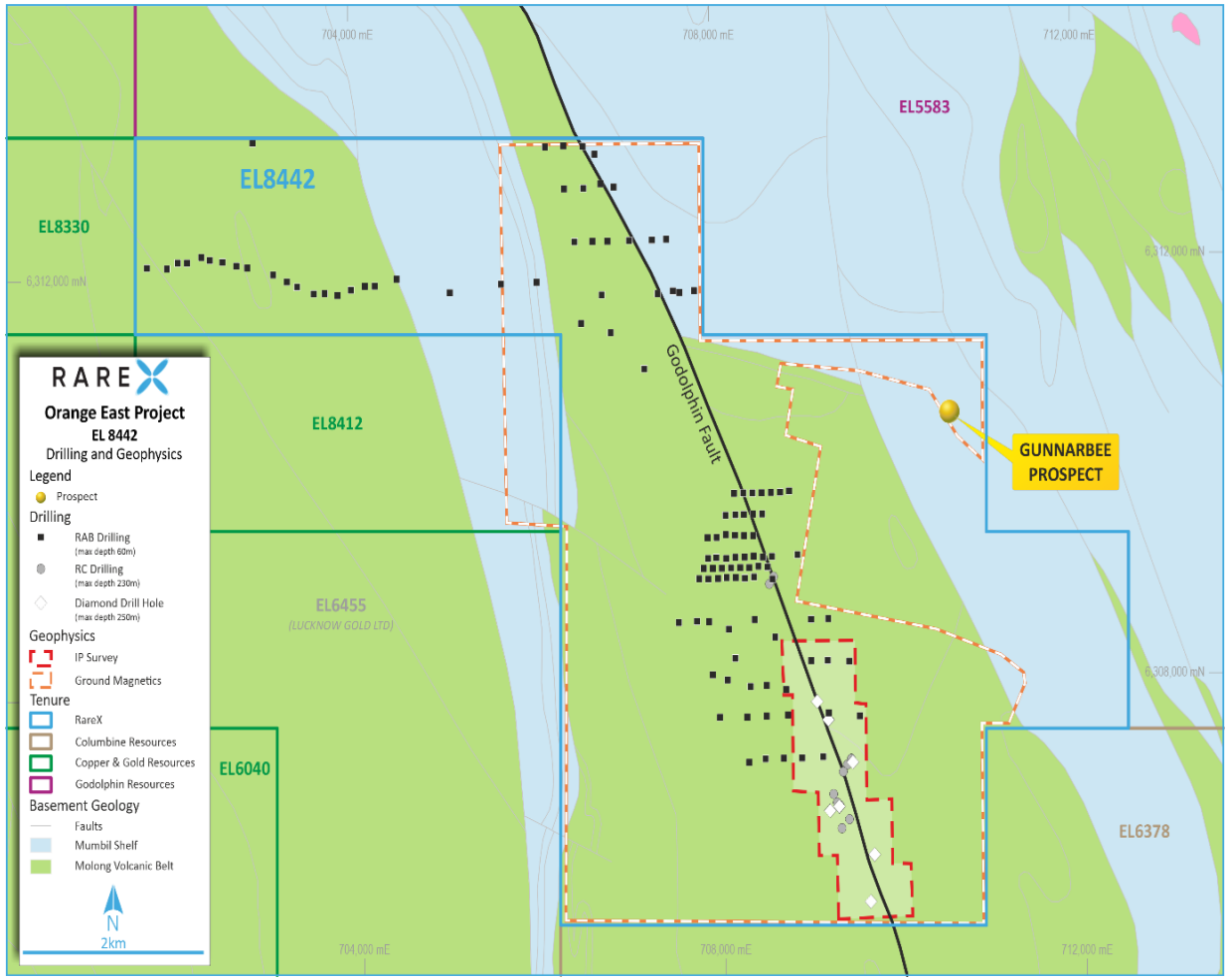
- The GCFZ prospect has experienced previous exploration rock chip, auger & soil sampling, and limited drilling in 2009-2010
- Strong surface geochemistry and several chargeable anomalies identified through past IP surveys
- RC and diamond drilling program were then done to test the anomalies but failed to intersect any significant results



# Why Cosmos?

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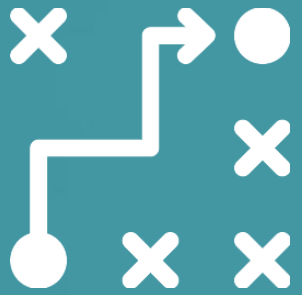
## Leveraged to exploration success



High impact exploration program with a compelling valuation

## Exposure to multi-commodity strategy



Rising global demand for battery metals including nickel, copper and PGEs

## Proven Team



Highly skilled management team with a track-record of success