WESTERN YILGARN NL

Exploring the Yilgarn Craton, a global epicentre of mineral wealth

Investor Presentation – February 2024

ASX : WYX

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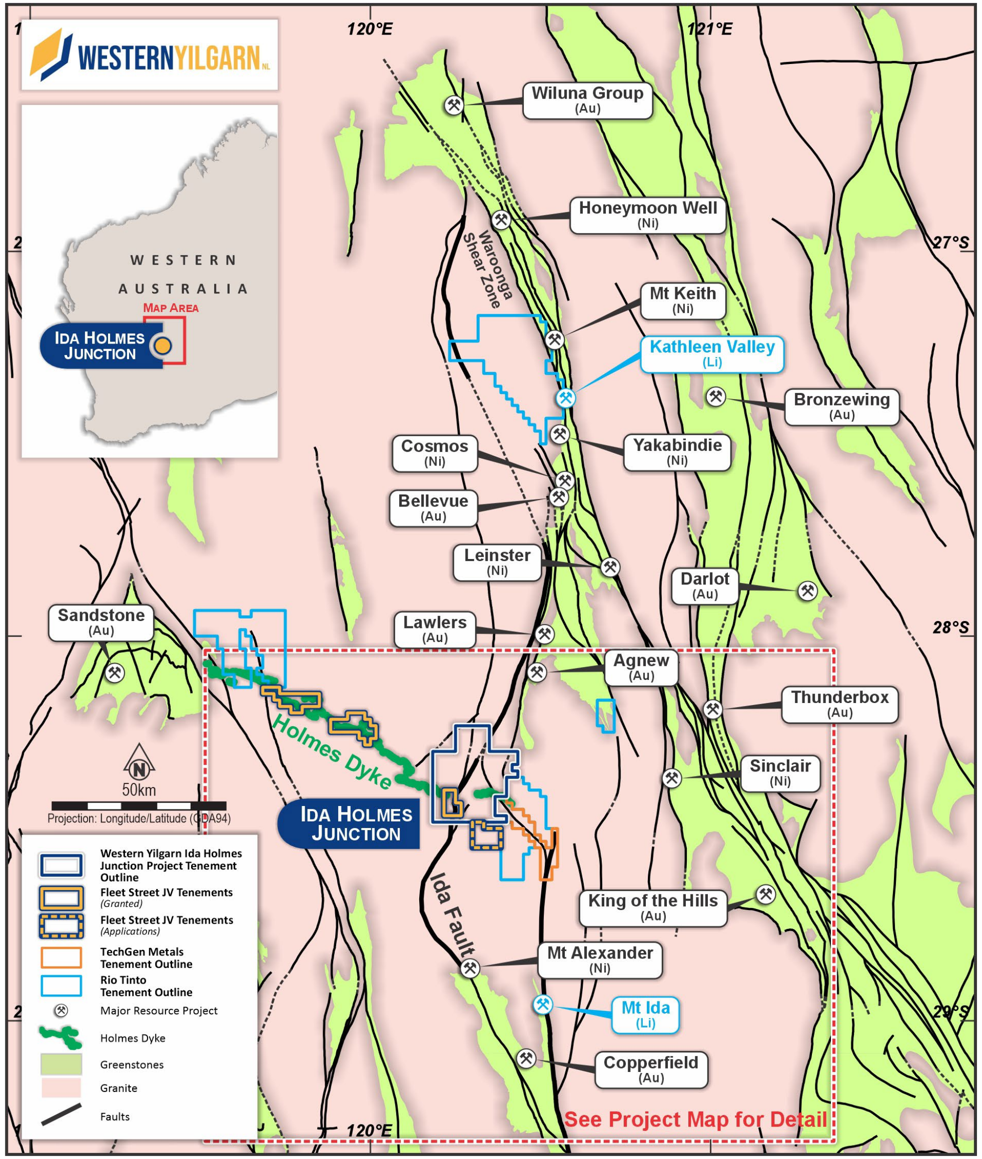
- The technical information contained within this Report is extracted from numerous announcements made by Western Yilgarn to the ASX which are available to view on www.westernyilgarn.com.au. The company confirms that is not aware of any new information or data that materially affects the information 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. The company 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.

Why Invest in WYX?

- **<80m shares on issue**
- **Western Australia based projects** with significant upside for **Ni-Cu-PGE, Au and Li mineralisation**
  1. **Ida Holmes Junction (Ni-Cu-PGE Li & Au)**
  2. **Julimar West (Ni-Cu-PGE)**
  3. **Boodanoo (Au & Ni-Cu-PGE)**
- Majors targeting the Ida Fault include Mineral Resources, Rio Tinto and Hancock Prospecting with Rio Tinto well positioned on the Holmes Dyke
- Chalice's development of the world-class Gonneville Project underpins Julimar West potential
- Focused activities are providing results with key targets identified at Ida Holmes Junction
- WYX has a clear and budgeted plan to explore its 3 key projects

Ida Holmes Junction Project

- **WYX: Pioneering explorers**
- **Holmes Dyke and Ida Fault** remains untested
- Ida Holmes Junction centred in WYX tenements **"we own the intersection"**
- Agreement with Fleet Street to add 207km^2 to existing 477km^2 landholding for **~684km^2**
- Holmes Dyke Gabbro is in same host rock and age to **BHP's West Musgrave (Babel-Nebo) Tier 1 Ni-Cu-PGE** project: 390Mt @ 0.31% Ni + 0.33% Cu*
- 3 discrete macro focus areas:
    1. Holmes Dyke Gabbro
    2. Ida Fault
    3. The Junction

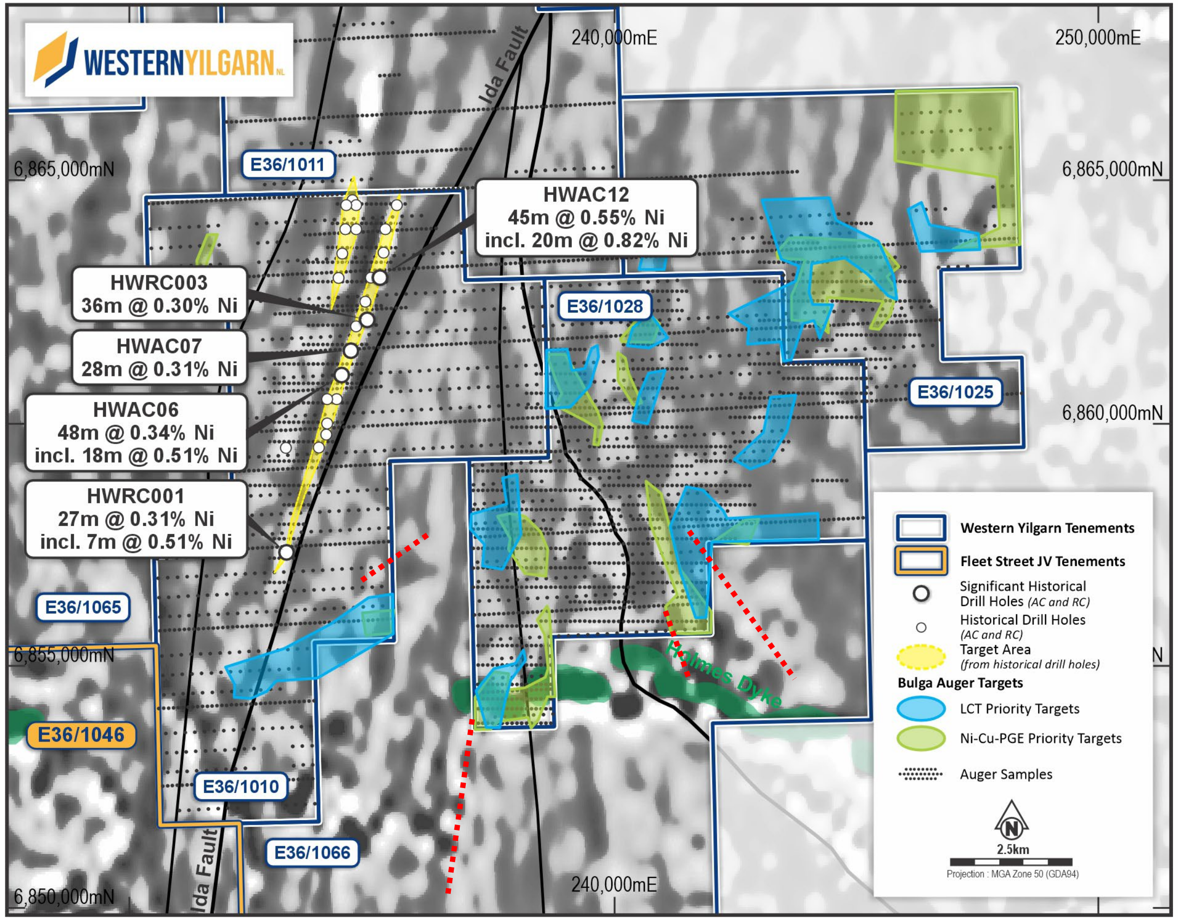


** MRE - BHP as at 30 June 2022*

Ida Holmes Junction Project

Three Phases of Drilling Completed

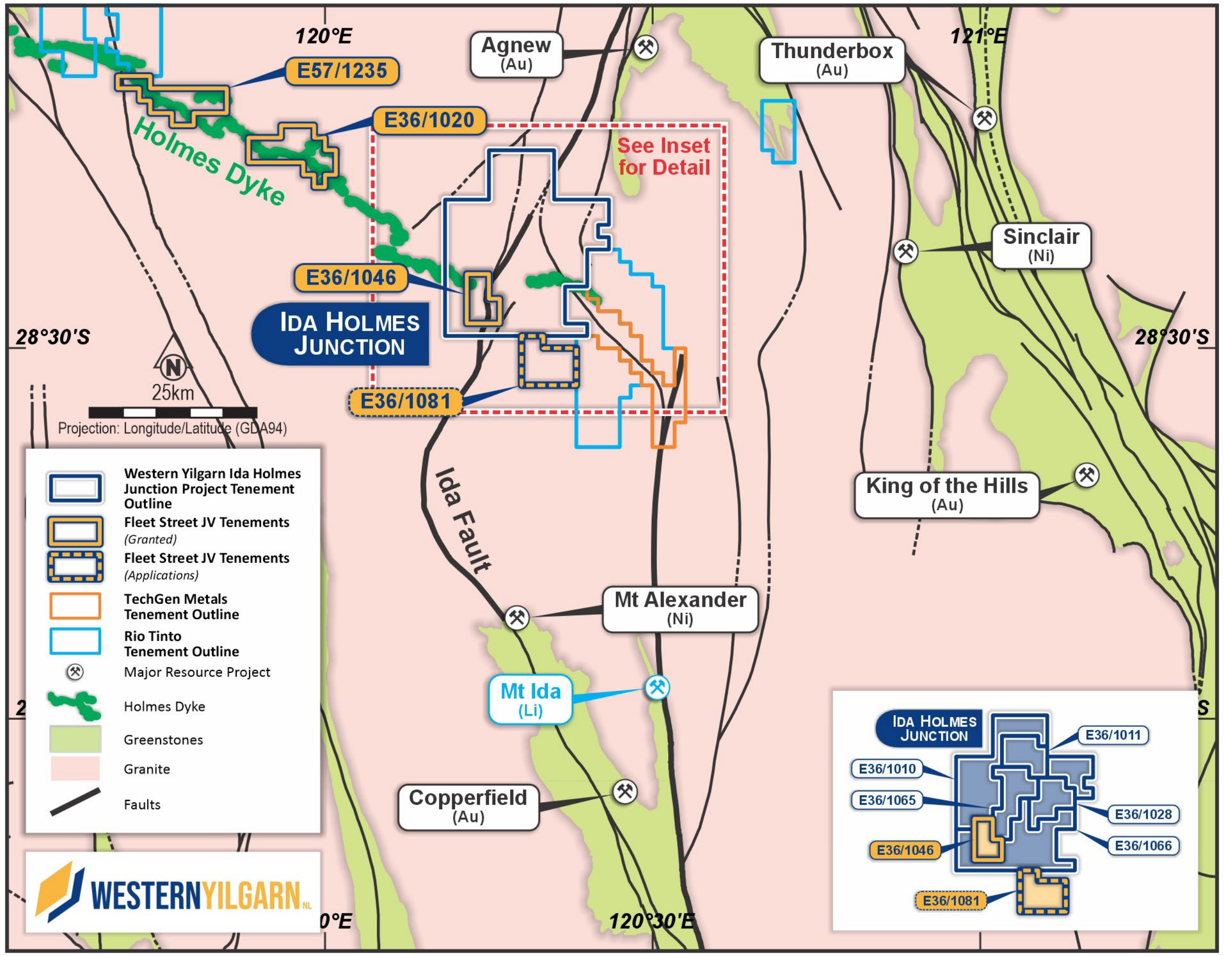
- Multiple high priority targets identified:
  - 13 Ni-Cu-PGE targets
  - 11 LCT pegmatite targets
- Phase 3 infill drilling program (completed in December 2023) confirmed targets
- 3,684 holes drilled on original four licences
- Two high priority Ni-Cu-PGE targets defined close to Ida Fault and Holmes Dyke junction
- Infill program provided auger grid of 200m x 100m spacing across key targets, with additional Auger targeting southerly extensions to newly granted E36/1066
- Phase 4 drilling program underway with Airborne EM and RC drilling to follow



Ida Holmes Junction Project

CY2024 Work Program Underway

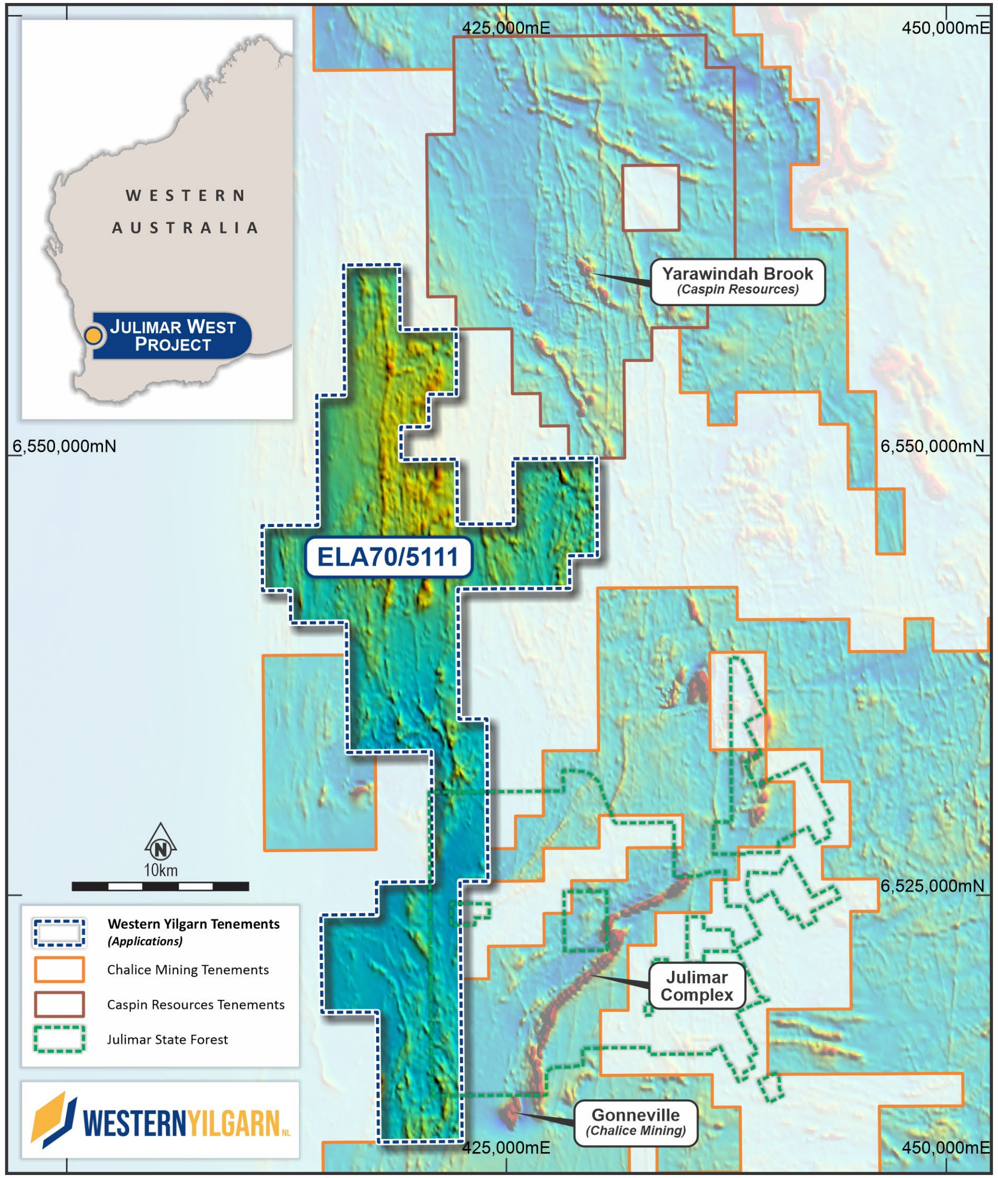
- Permit of Work applications lodged with approvals being secured
- Team mobilised 30th January for Phase 4 Auger Program
- EM Survey planned to define potential massive N-Cu sulphides
- RC Drilling (~5,000m first pass) to be undertaken on priority high confidence targets



Julimar West

Prime location close to a major discovery

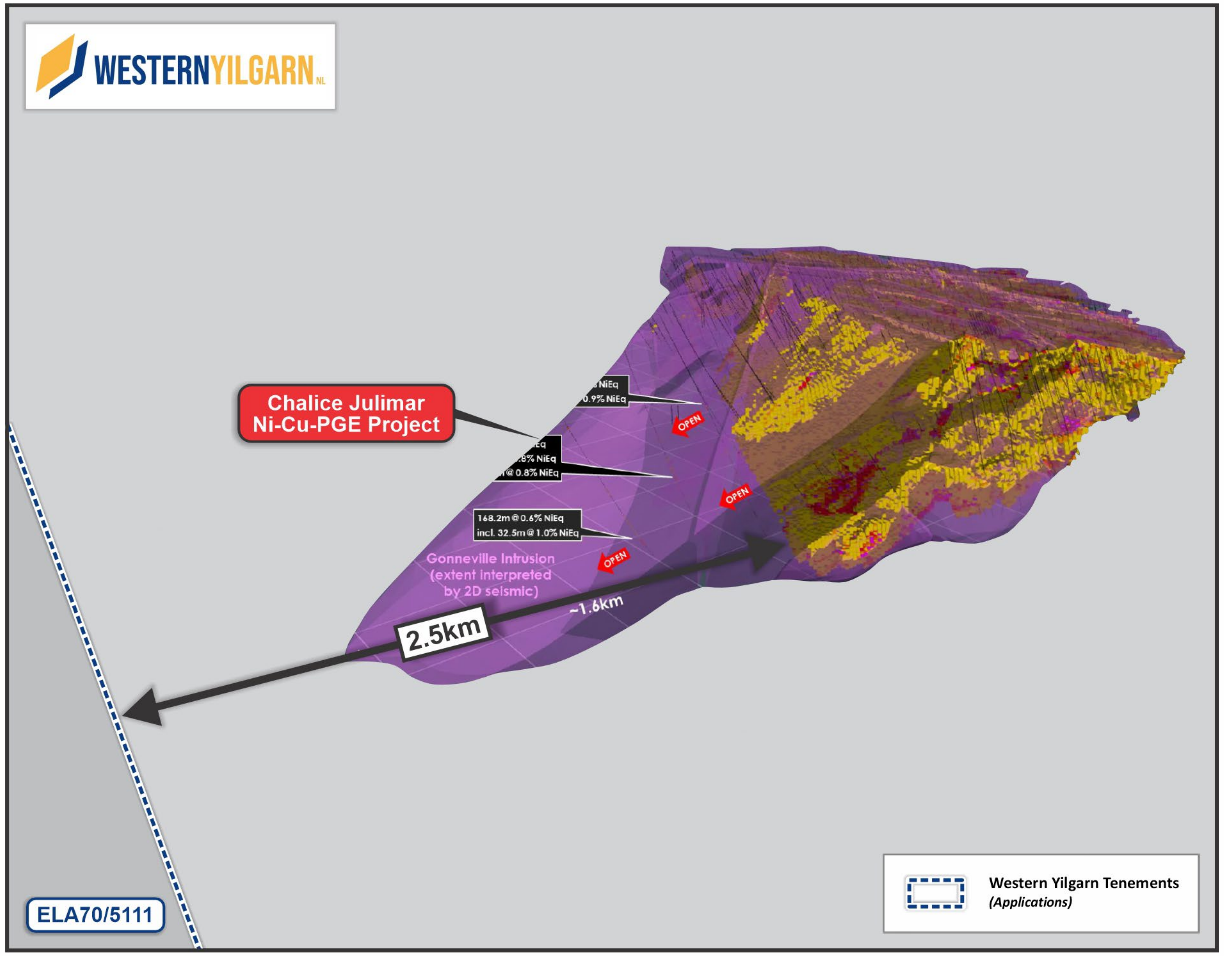
- Exploration Licence (ELA 70/5111) granted in November 2023
- 349km^2 project area within Darling Ranges, 75km from Perth
- Lease boundary 2.5km from Chalice Mining (ASX: CHN) Ni-Cu-PGE Gonneville discovery
- Gonneville Intrusion interpreted to continue at depth into Julimar West
- Desktop review of historic data highlighted multiple targets
- **Helicopter EM planned to define massive sulphide targets**
- **Auger geochemistry planned for CY 2024**
- **Access to targeted properties advanced and positive with good relationships**



Julimar West

Desktop Review Completed

- Review included CHN announcements and WAMEX data from DMIRS
- Key targets defined include:
  - Potential for Gonneville Intrusion continuing at depth into Julimar West
  - Repetitions of Gonneville mineralisation interpreted in WYX ground
  - **Mineralised pegmatites identified in field**
  - **GSWA grab samples returned significant Tin, Niobium and Tantalum results along with anomalous Lithium**
  - Potential for gold in northern section

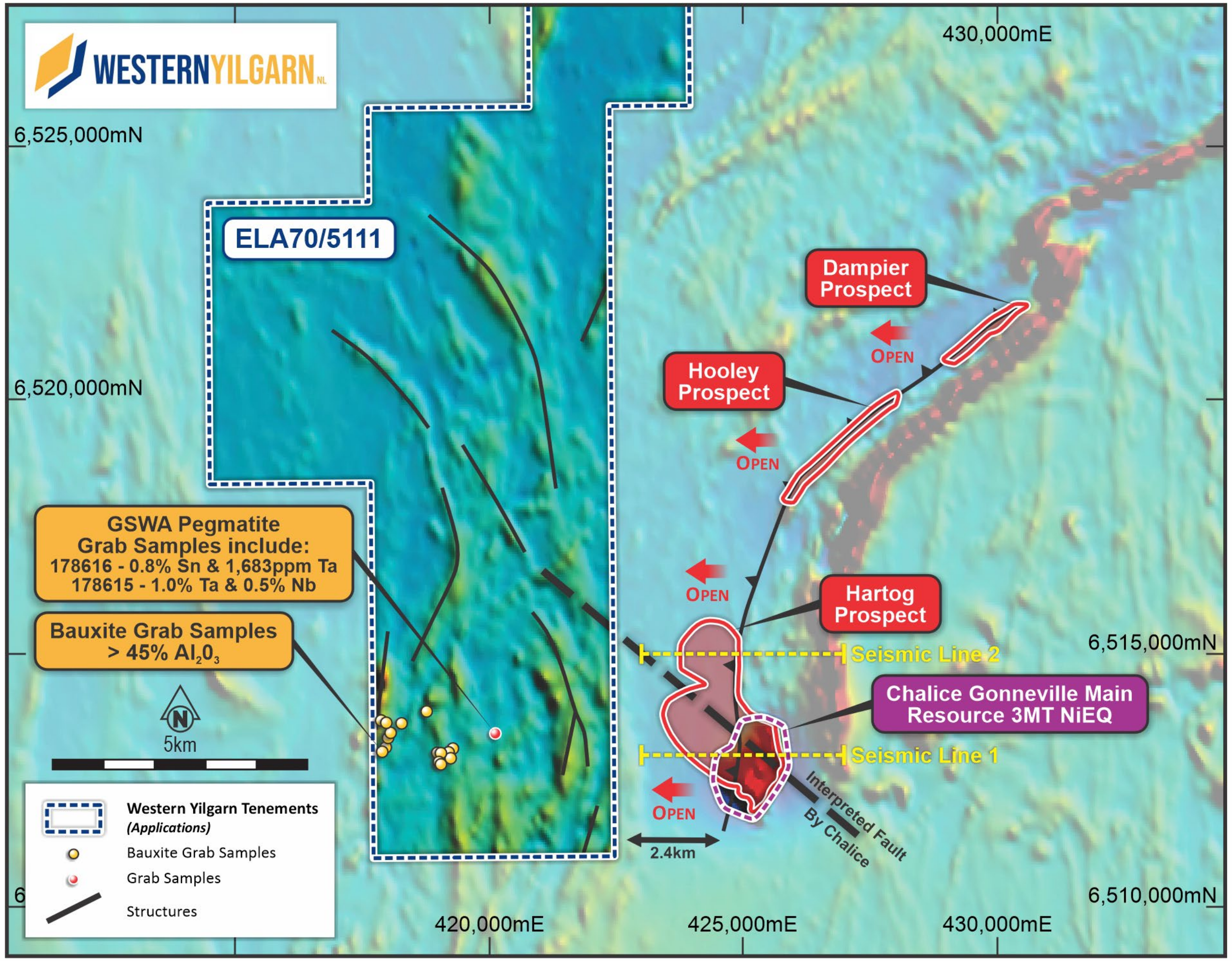


Julimar West

Upcoming Exploration Program

- Staged program includes:
  - Airborne EM survey planned to define massive Ni-Cu sulphides
  - A first pass Soil or Auger Surface Geochemistry program
- Drilling to follow up targets defined by above program

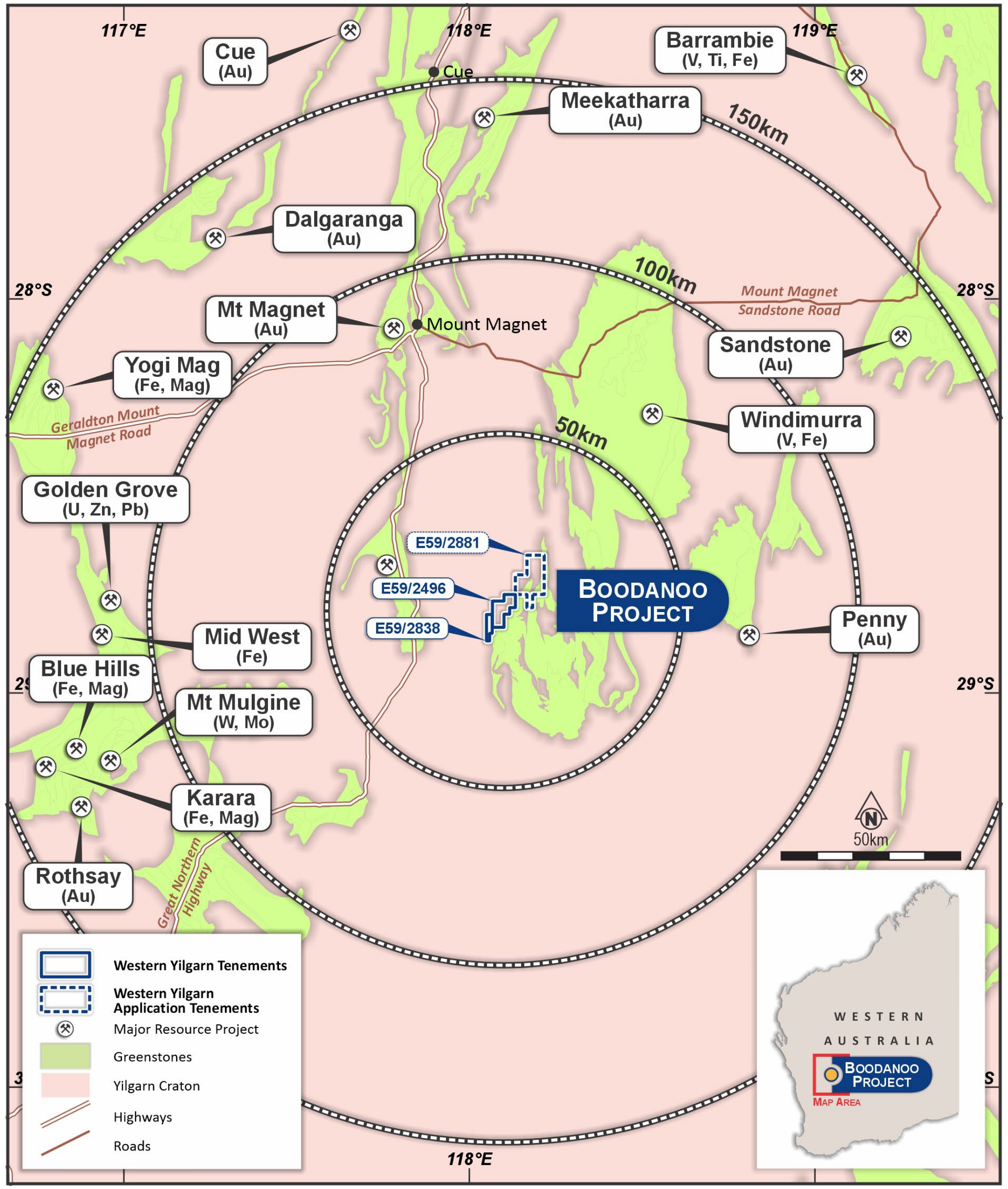
Fig above. Pegmatites identified in the field



Boodanoo Project

WYX's second most advanced project

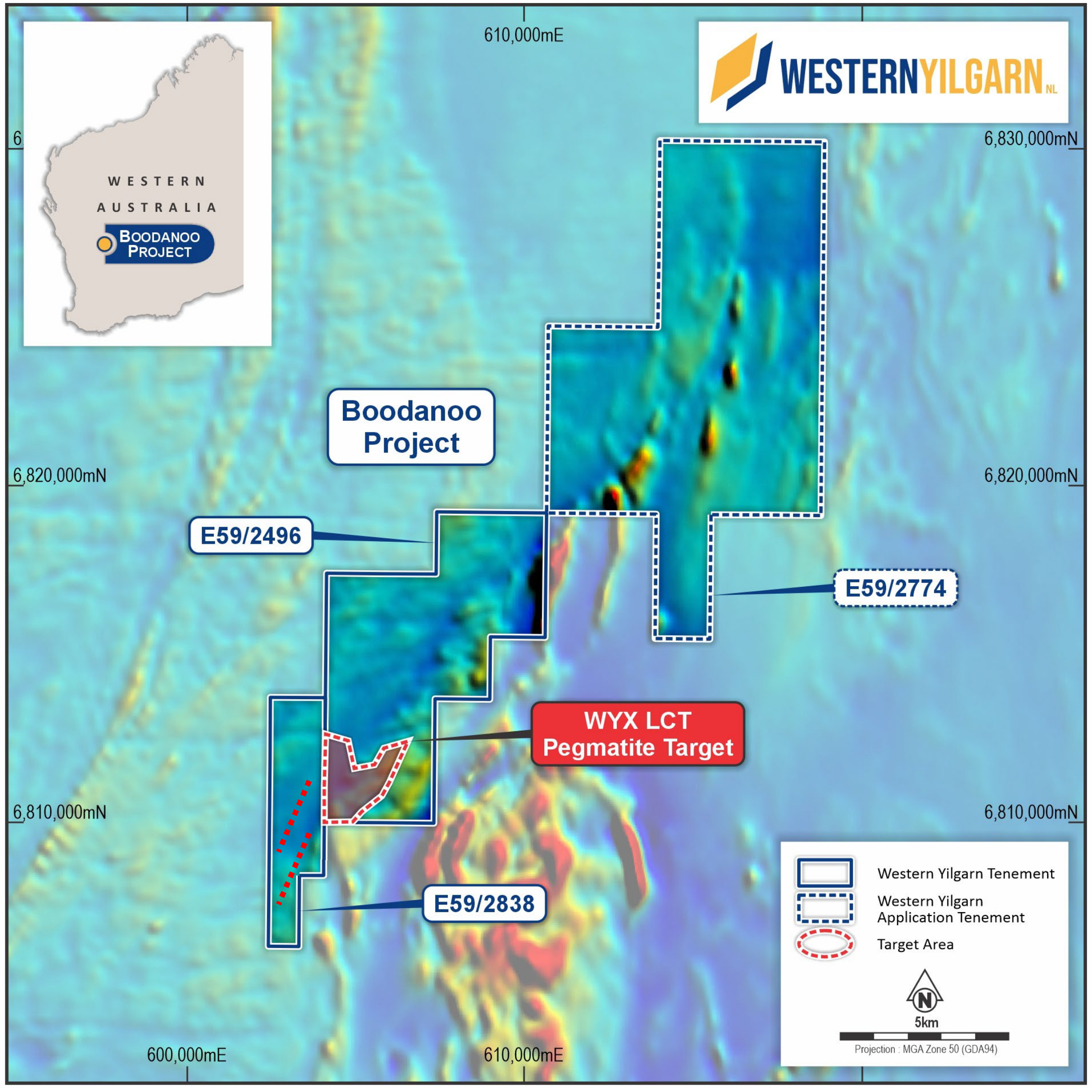
- ~90km south of Mount Magnet comprising two granted exploration licences (E59/2496) for ~51km^2
- Application EL 59/2881 submitted to add 80km^2 "Boodanoo Northeast" lease
- Two-phase Auger Geochemistry program completed with phase 3 planned to extend LCT anomaly to south
- Multiple targets highlighted:
  - Potential gold target associated with main North/South shear zone
  - **Lithium bearing pegmatite target identified over a 3km x 2km area and remains open to the southwest**



Boodanoo Project

Auger Geochemistry results

- Two-phase, 519-hole auger program completed
- Phase 1 completed on 1,600m lines spaced 100m apart and infilled in Phase 2 to 400m x 100m
- Holes drilled between 2m and 10m in depth dependent on sand cover
- Infill and extension auger geochemistry campaign planned once new permit application is granted



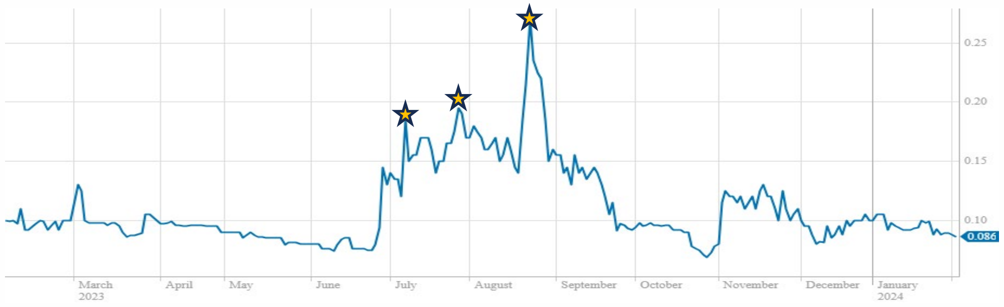
Corporate Snapshot

Corporate Overview

Shares on issue	79,372,506*
Listed Options on issue	13,237,497
Unlisted Options on issue	48,268,720**
Share price @ 1st February 2024	$0.086
Market Cap @ 1st February 2024	$6.8m
Cash @ 31st December 2023	$1.4 million

* Includes 29,715,002 subject to escrow restrictions until 12 April 2024
** Varying exercise prices and expiry dates with some options subject to escrow restrictions.

Share Price



Board of Directors

Peter Lewis
Non-Executive Chair
Peter is a QLD-based businessman with a long career in the property sector. He is a former Director of Ray White and Richard Ellis Group.

John Traicos
Non-Exec Director
John is a lawyer with 30+ years' experience in legal and corporate affairs. He has acted as a commercial and legal manager to several resources companies.

Peter Michael
Non-Exec Director
Peter has 20+ years' experience in the property sector. He is also a Non-Executive Director of Argent Minerals (ASX: ARD).

Management & Consultants

ASX : WYX

Gavin Rutherford
General Manager

Kevin Woodthorpe
Commercial Manager

Melissa Chapman
Company Secretary

Beau Nicholls
Principal Consultant

Stephen Sudgen
Geochemist

Kim Frankcombe
Geophysicist

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