

6th September 2024

Investor Presentation – New Copper Potential in Uncharted Territory

Western Yilgarn NL (**ASX: WYX**) (“**Western Yilgarn**” or “**the Company**”) is pleased to release its Investor Presentation for September 2024 which will be presented at today’s ShareCafe Small Cap "Hidden Gems" Webinar, from 12:30pm AEST.

In the webinar, Craig Moulton, Managing Consultant, will provide an overview of Western Yilgarn and its portfolio of Western Australian-based projects which are demonstrating significant upside for base metals, PGEs, gold and lithium.

Today’s presentation will primarily focus on the Ida Holmes Project, including:

- New Nebo Babel style copper and PGE targets at Hells Gate, Mt Holmes
- 1.15km long TEM conductor at Ida Holmes Junction
- Priority Cu-Ni + Li Geochem targets upgraded

The Ida Holmes Project comprises three key prospects (Hells Gate, Mt Holmes and Ida Holmes Junction), covering more than 1,300km² across 18 contiguous tenements.

To register at no cost for the ShareCafe "Hidden Gems" Webinar, please copy and paste the following link into your internet browser:

https://us02web.zoom.us/webinar/register/WN_J7Gh4nDNQkqf6u0cAOMZcg

Authorised for release by the Board of Western Yilgarn NL.

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Ida Holmes Project

New Copper Potential in Uncharted Territory

Investor Presentation – September 2024

Craig Moulton – Managing Consultant

ASX : WYX



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Exploration in the Yilgarn Craton

Portfolio of WA based projects demonstrating significant upside for Base Metal, PGE, Au and Li mineralisation

- i. *Ida Holmes Project – New Copper targets***
- ii. *Boodanoo (Au & Li) – 30km SE of Kirkalocka Au Mine*
- iii. *Julimar West (Ni-Cu-PGE) – Adjacent to Chalice's Julimar Project*

Today's Update

- 1. *New Copper + PGE targets at Hells Gate, Mt Holmes*
- 2. *1.15km long TEM conductor at Ida Holmes Junction*
- 3. *Priority Cu-Ni + Li Geochem targets upgraded*



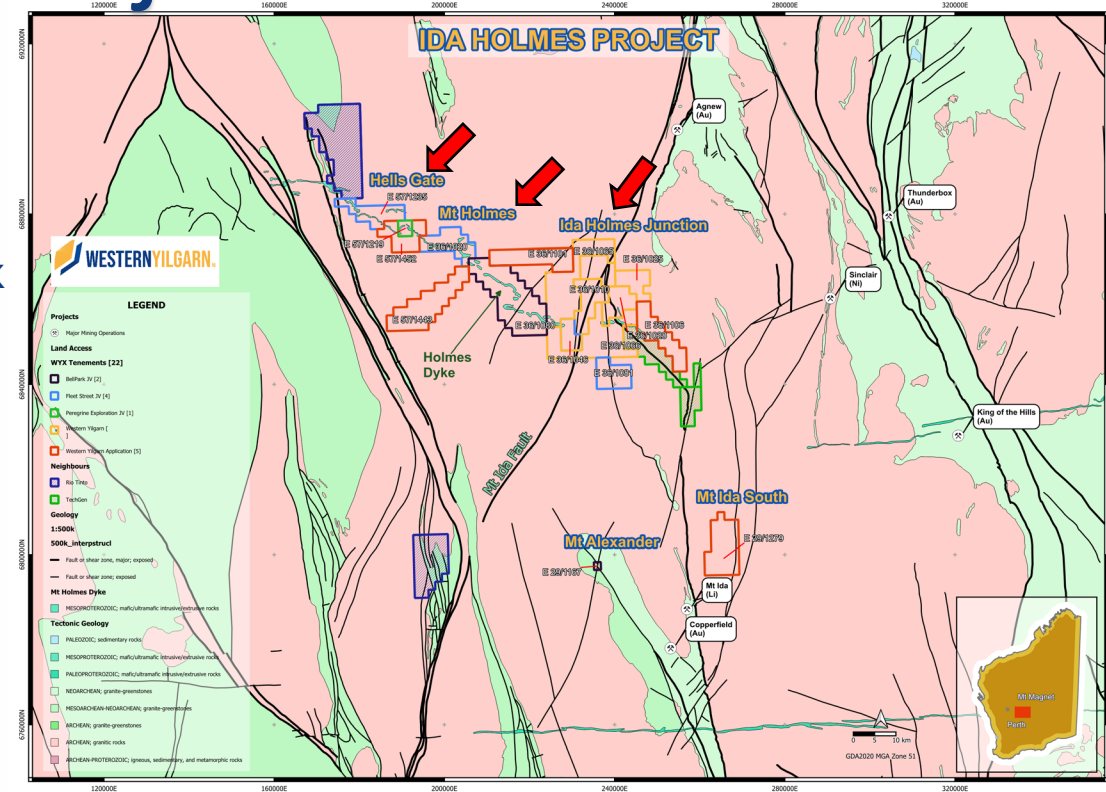
Ida Holmes Project

The Ida Holmes Project - 3 priority prospects:

- Hells Gate, Mt Holmes & Ida Holmes Junction
- 18 contiguous tenements, now over 1,300 km² (100% basis, inc ELAs)
- 3 low-cost farm-in JV's with Fleet Street, Peregrine & Bell Park
- Over 5,000 auger holes drilled and 1800 lkm TEM flown
- 2 new prospects – Mt Alexander and Mt Ida South (application)

Consolidates a heavily underexplored mineral province:

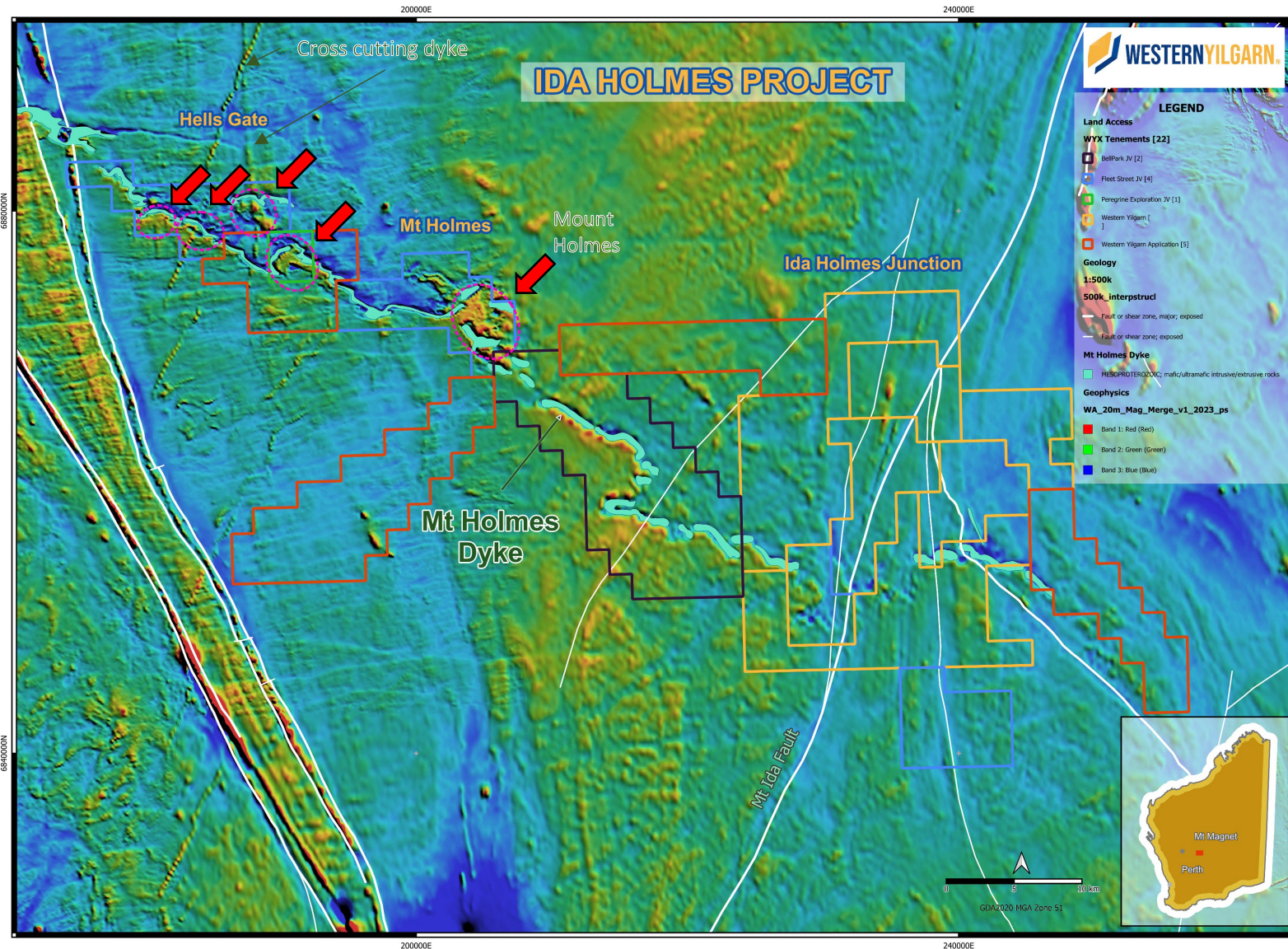
- 3 (+2) new **Nebo Babel** style Cu-PGE+/- Nickel targets
- 1.15 km long **conductor** identified in recent TEM survey
- 15 **Cu-PGE** +/- Ni targets and 11 **LCT** (lithium) Pegmatite targets identified in auger drilling



3 New Nebo Babel Style Cu-PGE targets
1km long TEM conductor – Cu-Ni target

Nebo Babel-Style targets

- Targets focused on Dyke to Sill transitions of the Mt Holmes Dyke (MHD)
- MHD intruded during the Warakurna Large Igneous Complex (LIP) (Neoproterozoic)
- Same age and source as Nebo Babel, dated by GSWA
- MHD is a tholeiitic ferrogabbro - high in Ti and V, and depleted in Cr, Mg and Ni
- High Ti-V Ferrogabbros are found at the tops of large, fractionated intrusions e.g. Bushveld and Windimurra
- Cr, Mg and Ni depletion at the top of the mafic sill supports the potential for ultramafic cumulates
- Also, Cu-Ni sulphides in deeper parts of the sill and/or the feeder dyke



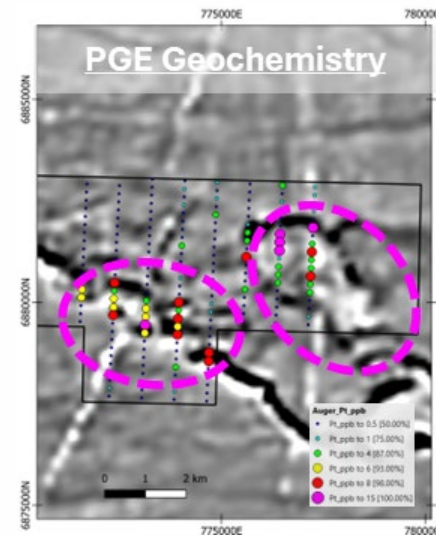
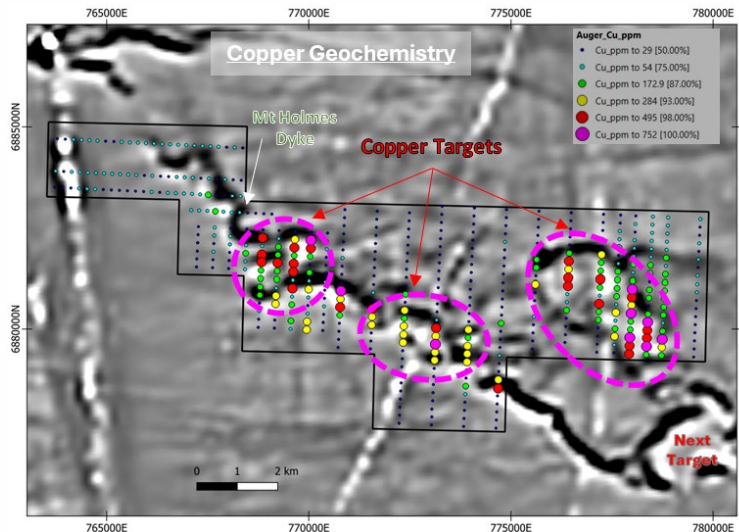
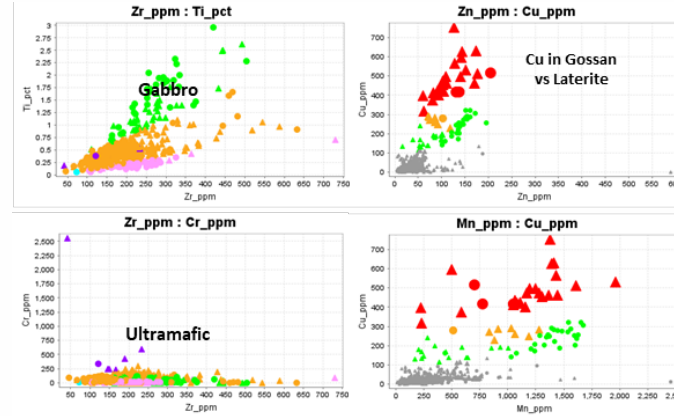
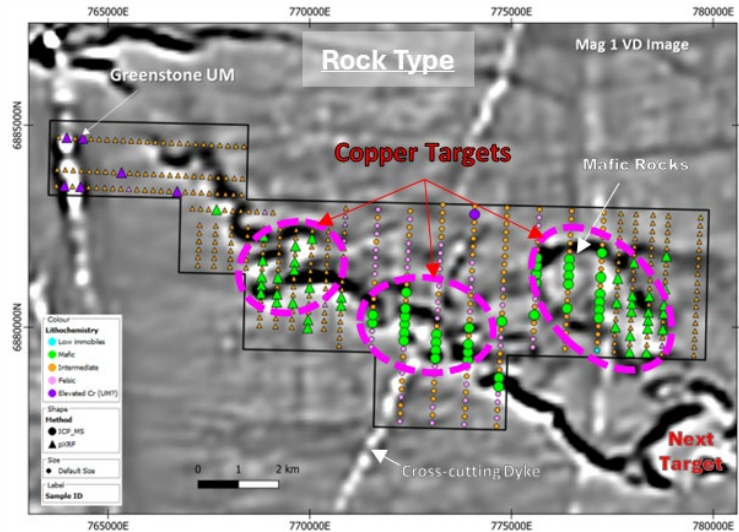
Hell's Gate

- Broad 200m x 800m auger (463 holes)
- 3 x discrete anomalies evident
- Next target (#4) secured via Peregrine JV
- Fifth target – Mt Holmes (next slide)
- Detailed geochemical analyses shows that these are anomalies, despite mafic / ultra mafic rocks.
- Layering indicated by Cu – PGE / Au offset

• Direct correlation between transition zones and Cu+PGE anomalism

Next Steps

- pXRF only samples submitted for Fire Assay
- AC Drill Fences
- Airborne or ground EM

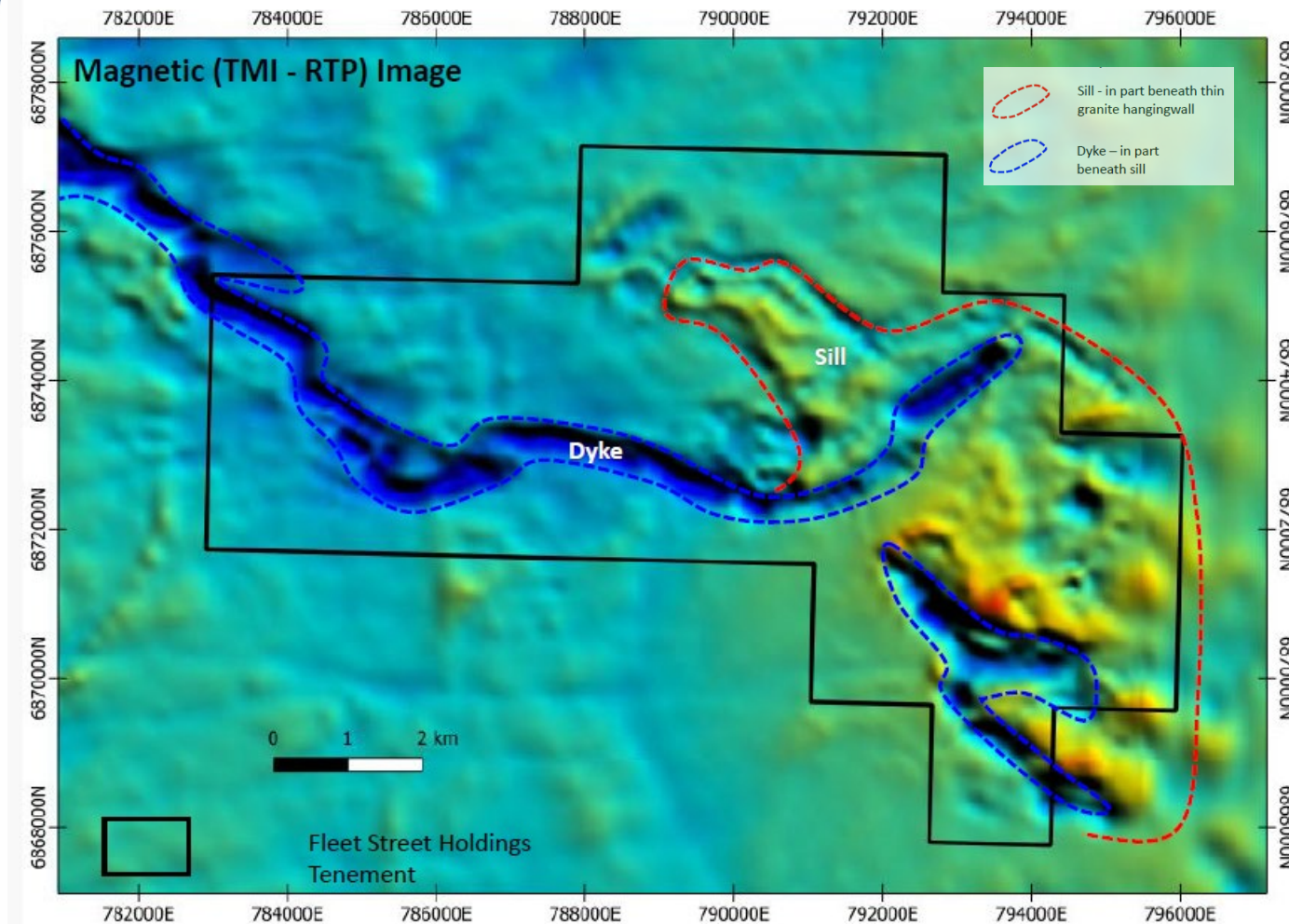


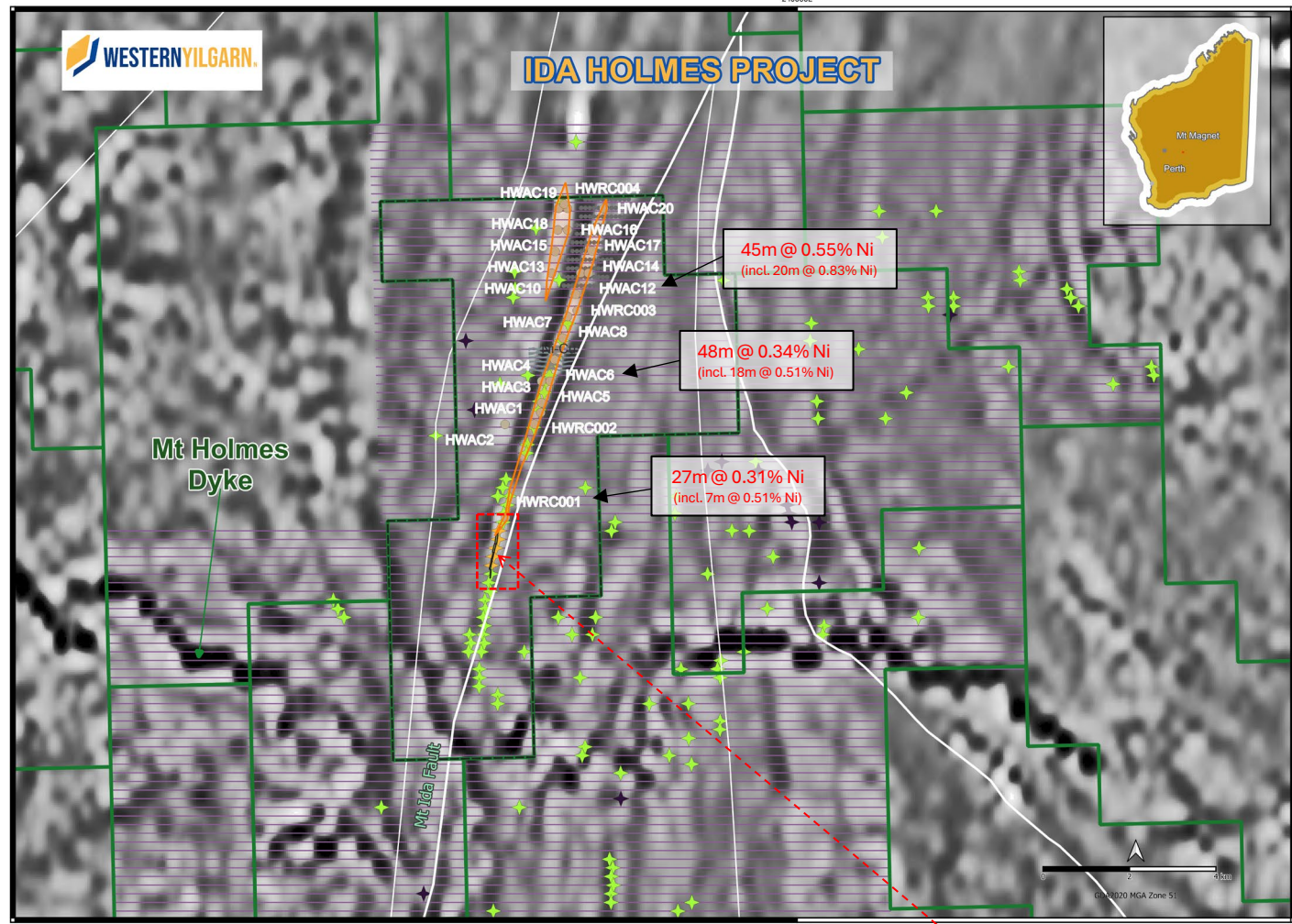
Mt Holmes

- Fifth target – Mt Holmes (Fleet Street JV)
- No systematic exploration on this target to date

Next Steps

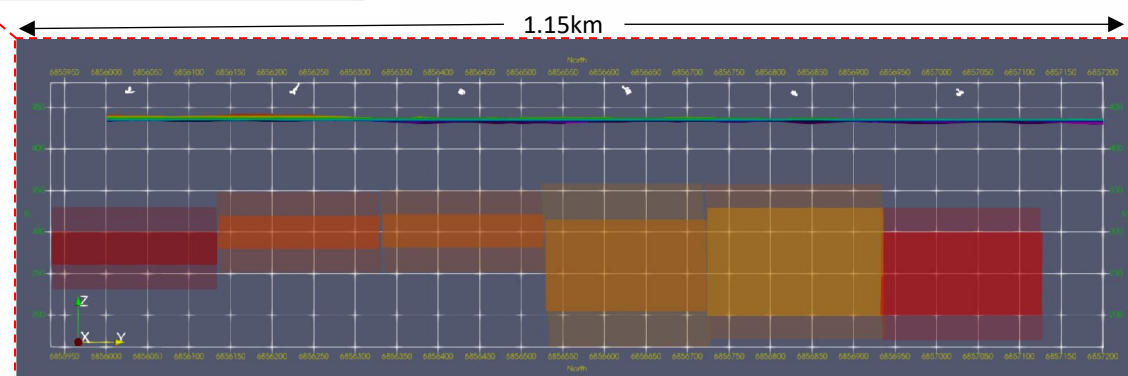
- Gridded auger soils



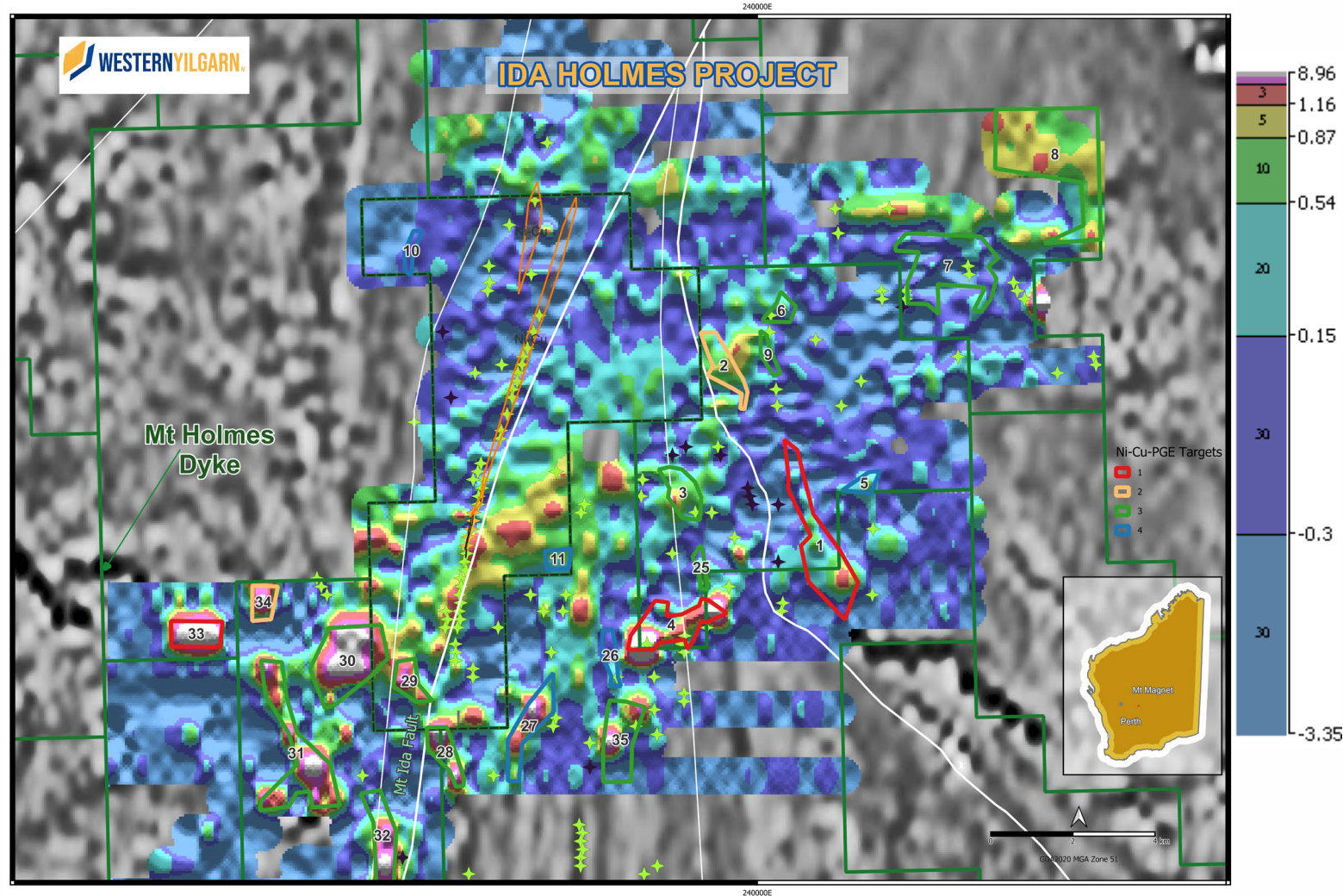


Ida Holmes Junction

- Historically part of the Hawaii project drilled by BHP in 2011 and then St George in 2015.
- Intercepts are located over a 9km trend on ~500m spaced lines with holes between 100m to 2km apart
- 4,600 auger drill holes
- 1,800km TEM flown, identified 181 conductors
- Standout conductor is 1.15km long and directly south of BHP / ST George Drilling
- **Next Steps**
 - Ground EM
 - RC Drill



Copper Geochemistry Targets



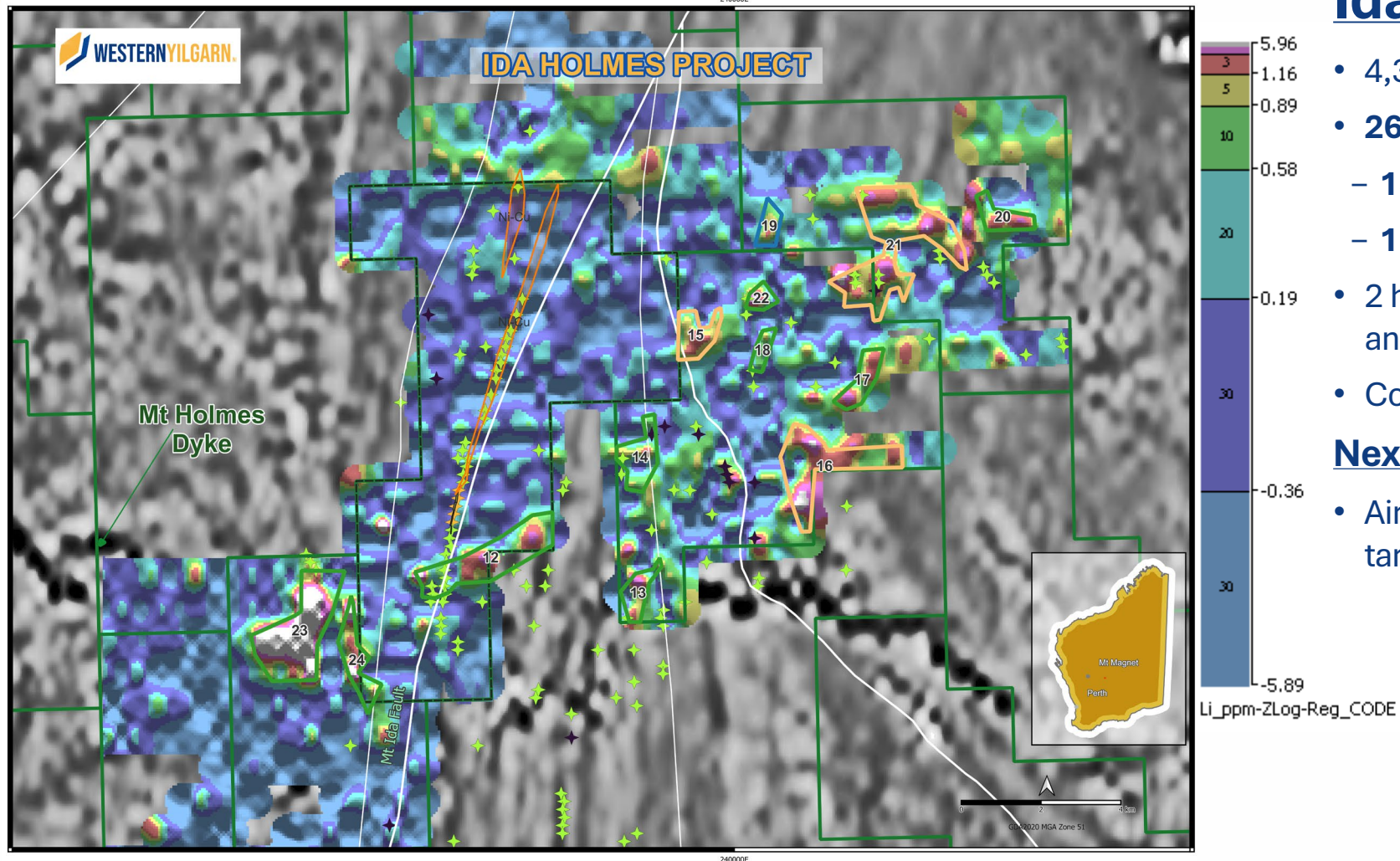
Ida Holmes Junction

- 4,331 holes drilled to date
- 26 high priority targets identified:
 - 15 Ni-Cu-PGE targets
 - 11 LCT pegmatite targets
- 2 high-priority Ni-Cu-PGE targets, N1 and N4, significantly extended
- Copper results up to 714ppm

Next Steps

- Aircore program to focus on Priority targets

Lithium Geochemistry Targets



Ida Holmes Junction

- 4,331 holes drilled to date
- **26 high priority targets** identified:
 - 15 Ni-Cu-PGE targets
 - 11 LCT pegmatite targets
- 2 high-priority Ni-Cu-PGE targets, N1 and N4, significantly extended
- Copper results up to 714ppm

Next Steps

- Aircore program to focus on Priority targets

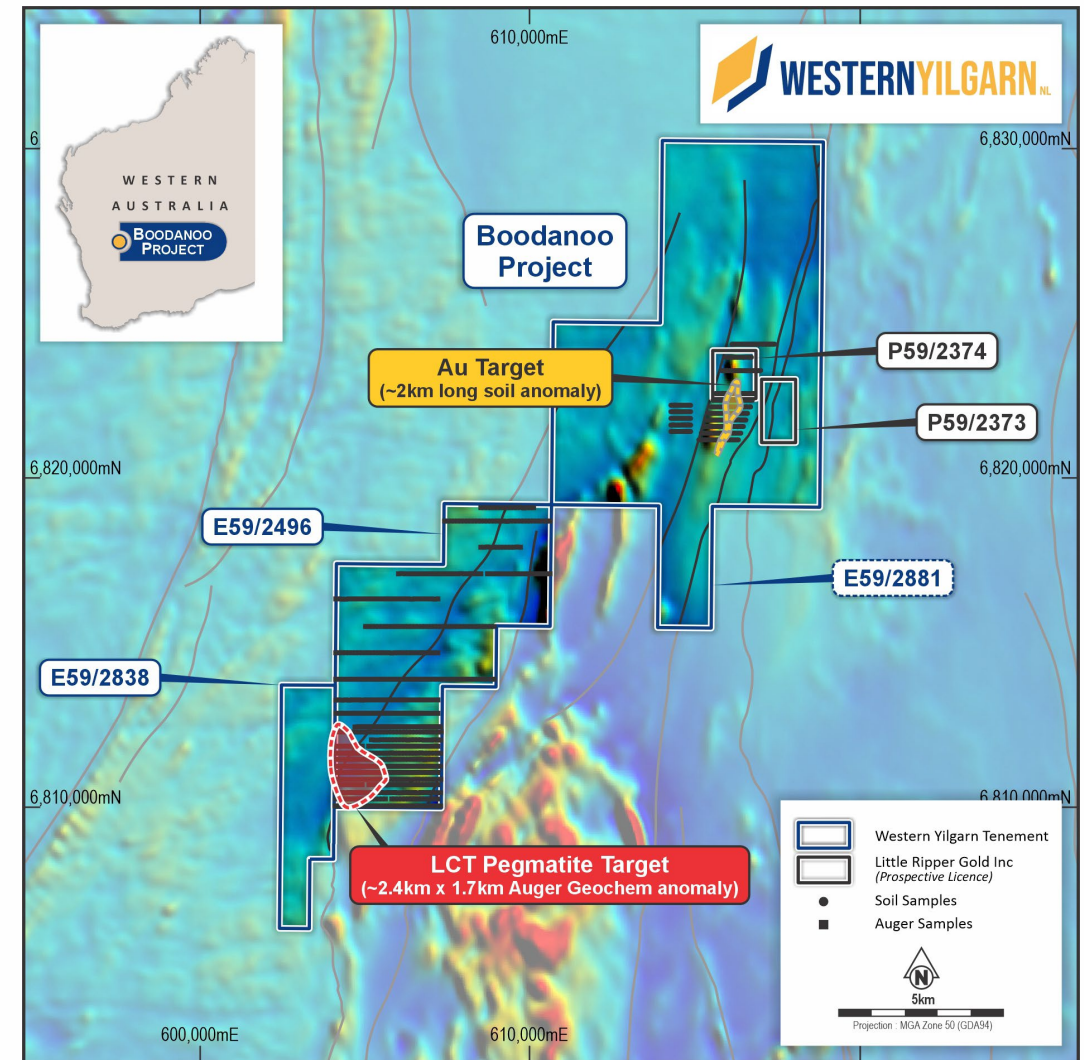
Boodanoo Project

Boodanoo

- ~90km south of Mount Magnet comprising three granted exploration licences for ~130km²
- Second WYX project to be subjected to systematic, new-generation exploration practices
- Three-phase 856-hole auger geochemistry program completed

Two key targets Identified

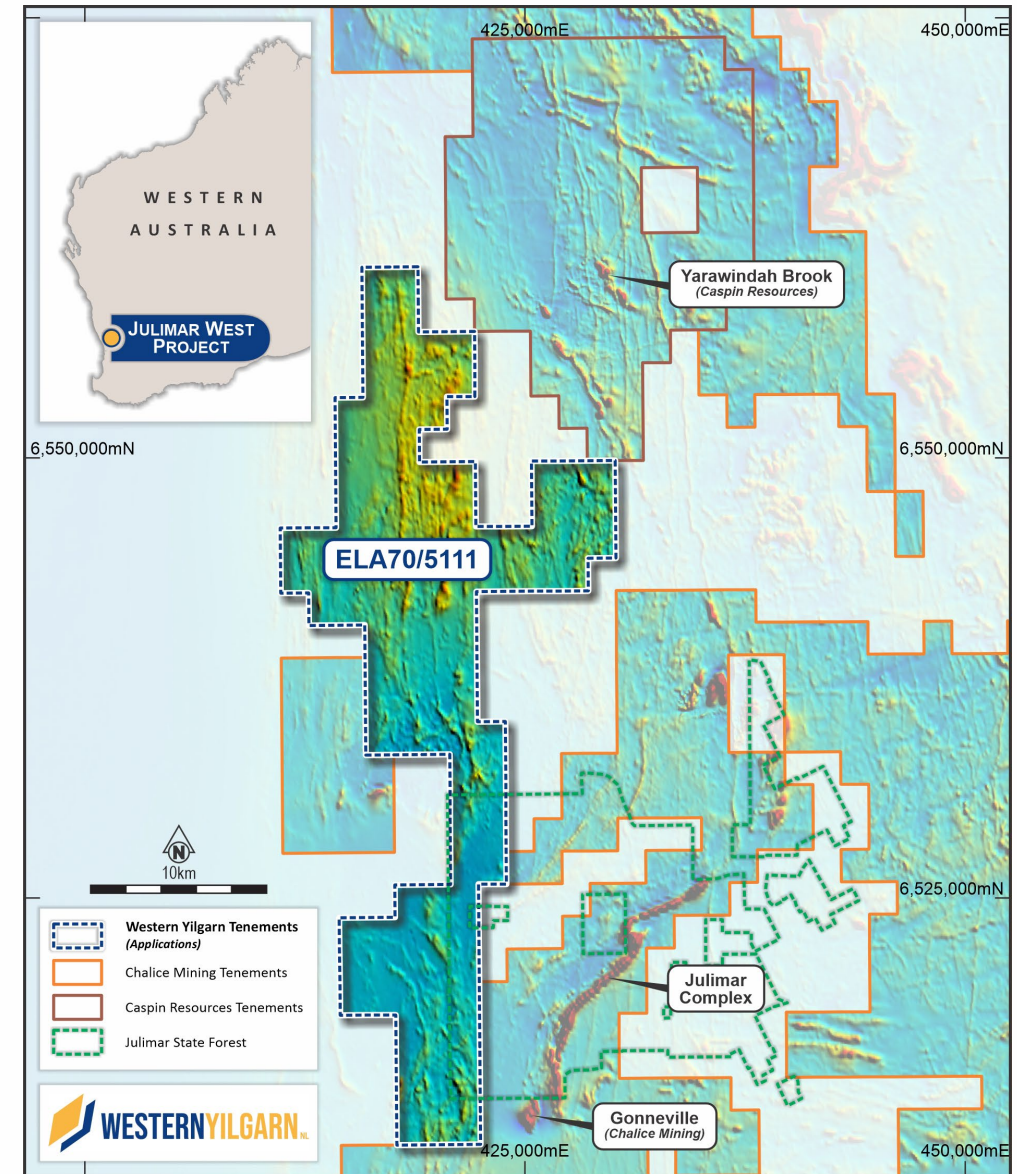
- **Lithium Caesium Tantalum (LCT) Pegmatite target** identified over a 2.4km long x 1.7km wide area
- **Gold Target** - Desktop analysis of “Boodanoo Northeast” defined **high-priority ~2km long gold in soil anomaly**



Julimar West Project

Prime location close to a major discovery

- 349 km² project area within Darling Ranges, 75 km from Perth
- Adjacent to Chalice Mining (ASX: CHN) Julimar Ni-Cu-PGE Project containing world class Gonneville discovery
- Gonneville Intrusion interpreted to continue at depth into Julimar West
- Desktop review of historic data highlighted multiple targets
- Pegmatites identified in field
- Recently acquired high resolution satellite photogrammetry will be used to build a geological framework.



Value Opportunity

Why invest in Western Yilgarn Ltd:

- **Extensive Drill Target Inventory**
 - + 5 untested Cu-PGE+/-Ni intrusive targets – each with the potential to deliver a world class discovery
 - + A 1.15km long untested conductor, directly proximal to a mineralised system drilled by St George / BHP
 - + Multiple geochemical Cu-Ni and Lithium Pegmatite targets
- **Systematic, data driven analyses**
 - + Targets ranked on geological prospectivity against proven models
- **Tight capital structure with HNW support**
 - + Primed for a share price re-rate on positive news

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