

## **Boodanoo Exploration Lease Granted Contains defined Gold Target**

### **HIGHLIGHTS**

- **“Boodanoo Northeast” tenement E59/2881 has been granted.**
- **An exciting ~2km long gold in soil target (up to 66ppb) was defined following a historical data review by the WYX team.**
- **The gold target trends north directly into a nugget field held by others under a prospecting licence within the lease.**
- **Geochemistry and mapping will commence in late April to refine and extend the gold target.**

Western Yilgarn NL (ASX: WYX) (“**Western Yilgarn**” or “**the Company**”) is pleased to provide an update on the Company’s Boodanoo Project located ~90km south of Mount Magnet in Western Australia.

### **Gavin Rutherford of Western Yilgarn commented:**

*“We look forward to accessing Boodanoo Northeast to complete first-principles geochemistry and mapping work with special focus on the gold in soil target recently defined by the WYX team. The small prospecting licences held within our 80km<sup>2</sup> exploration lease provide a compelling reason to test the gold target as soon as possible. The greater potential of the lease (which includes a 2.4km long x 1.7 km wide Lithium Caesium Tantalum (LCT) target) will also be tested as we continue Western Yilgarn’s search for nickel, copper, and platinum group elements”.*

### **Overview**

The Boodanoo Project (Figure 1) comprises three granted exploration licences (E59/2496; E59/2838; and E59/2881) which combine to cover an area of ~130km<sup>2</sup>.

Located approximately 90km south of Mt Magnet, the Boodanoo Project is the second Western Yilgarn project to be subjected to the Company’s systematic, new-generation exploration practices which continue to deliver success at the Ida Holmes Junction Project located around 50km southwest of Gold Fields’ Agnew Gold Project.

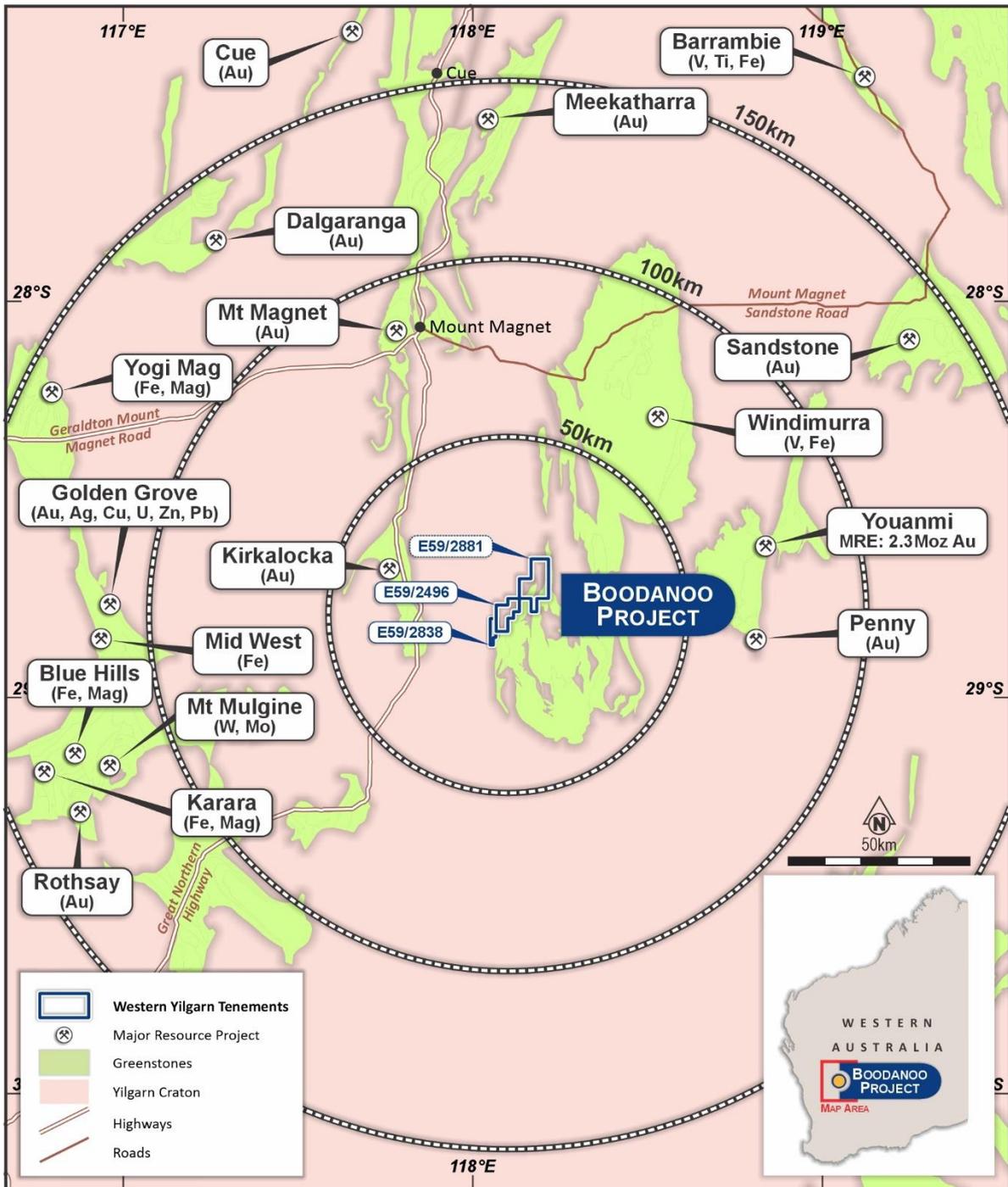


Figure 1. Regional Location of the Boodanoo Project.

## Geological Setting

The Boodanoo Project is located along the interpreted trend of a regional NNE trending fault. The Project area is covered by aeolian sand cover with no rock outcrop. The rocks are interpreted to be granite hosted with a major regional shear zone passing through the centre (NNE trend) tenement. There is interpreted granite to the south of the tenement with ultramafic units interpreted to the south and east.

## Target defined in E59/2496

**LCT Pegmatite target.** The Phase 3 Auger Geochemistry program has been completed with an additional 339 holes (for a total of 858 holes) on a 200m by 100m spacing which has evolved the Lithium Caesium Tantalum (LCT) pegmatite target to 2.4km by 1.7km as shown in Figure 3 below. (Release 14/3/2024) Western Yilgarn completed a 2-Phase, 519-hole Auger Geochemistry program across E59/2496 in 2023. Phase 1 holes were located on 1,600m lines spaced 100m apart (Release 05/04/2023) with a Phase 2 program infilling anomalies to 400m x 100m spacing (Release 28/07/2023).

## Target Defined in E59/2881

**Gold target.** A ~2km long gold in soil target (up to 66ppb) was defined (Release 14/3/2024) in “Boodanoo Northeast” E59/2881 following the WYX team’s review of historical data Geoscience Western Australia (GSWA) data. See Figures 2 & 3 below. The anomaly runs into P59/2374, one of two prospecting leases (P 59/2373 and P 59/2374) held under the name of Little Ripper Gold Inc, a not-for-profit club for prospectors.

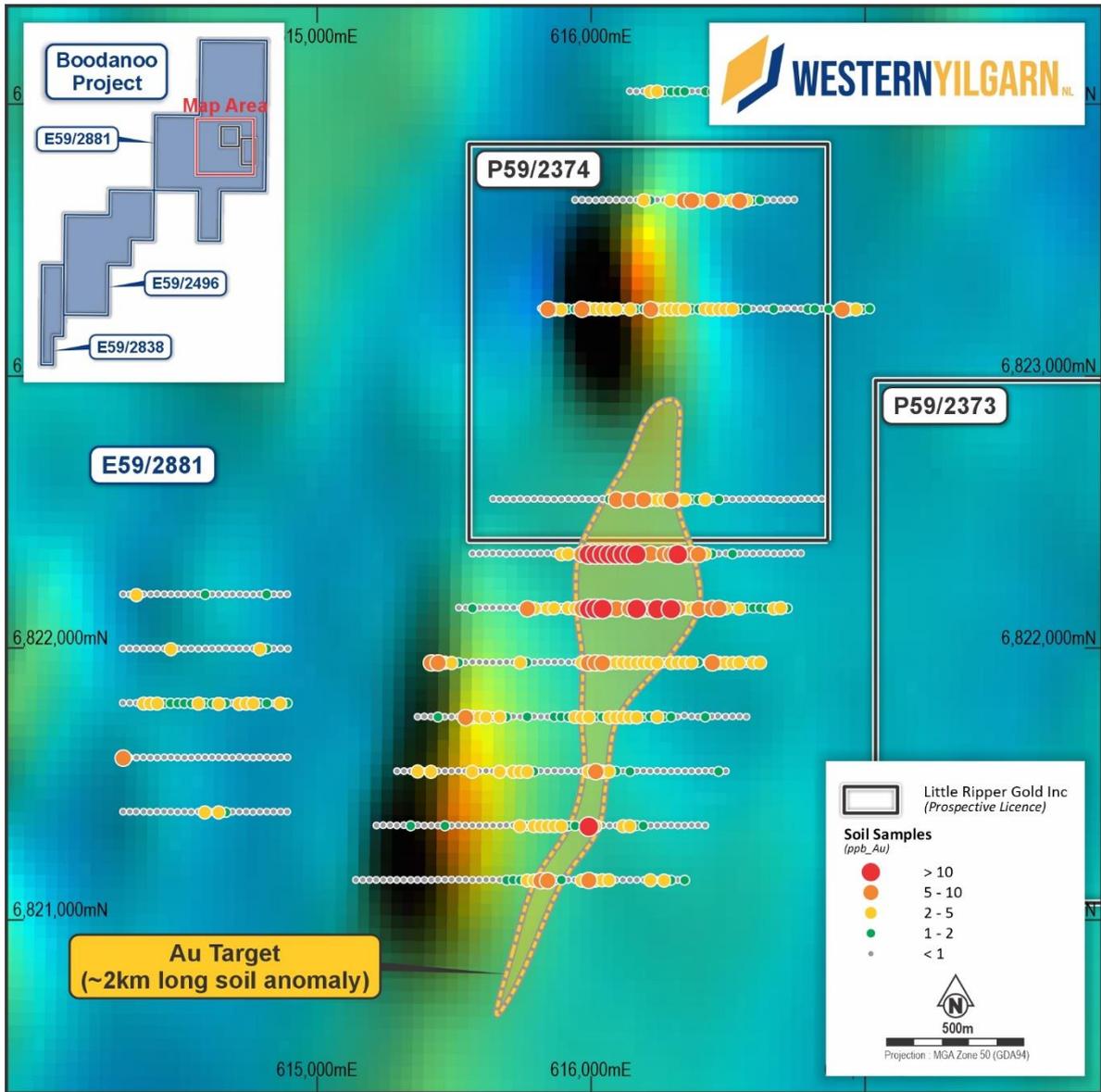
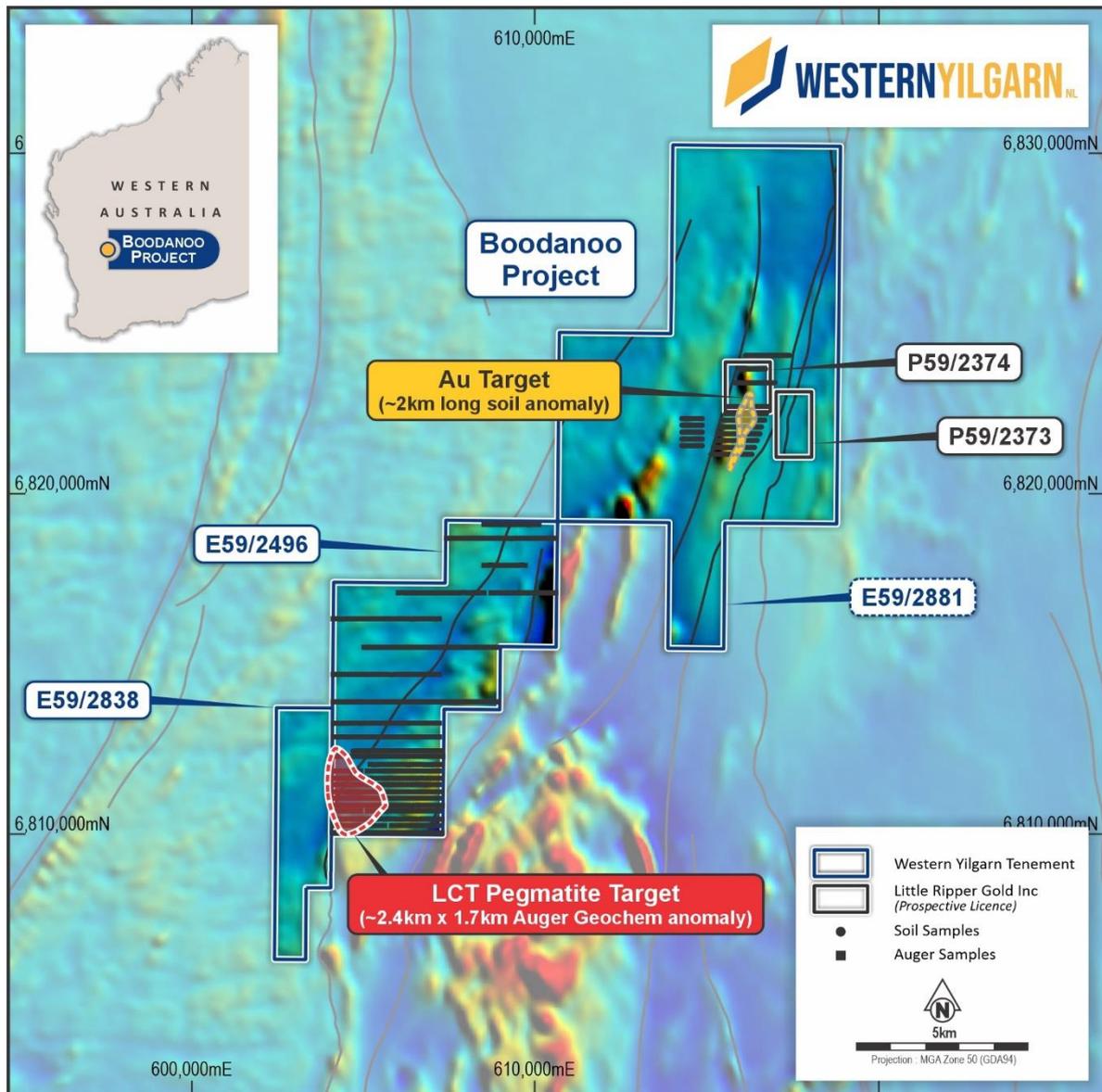


Figure 2. Boodanoo Au target



**Figure 3. Boodanoo LCT target & Au target**

Western Yilgarn is planning to undertake a desktop review of WAMEX data available in respect of the E59/2881.

Of the Company's two other key projects:

- The **Ida Holmes Junction Project** is located 50km southwest of the Agnew Gold Project. The Project area includes the point at which the Ida Fault cuts through the Holmes Dyke. Prospectivity is high for Copper (Cu), Nickel (Ni), and Platinum group elements (PGE). A JV with Fleet Street Pty Ltd has added ~207km<sup>2</sup> to the project and enables significant coverage of the Holmes Dyke.
- The highly prospective **Julimar West Project** is located ~70km north of Perth and neighbours Chalice Mining's (ASX: CHN) Gonnevillle discovery. In addition to the Gonnevillle-type geology, samples collected by Geoscience

Western Australia (GSWA) reveal the presence of Tin (Sn), Tantalum (Ta), and Niobium (Nb). Moreover, visible pegmatites are noted to protrude at the Julimar West Project.

Authorised for release by the Board of Western Yilgarn NL.

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Western Yilgarn has exploration projects with a total area of ~1,162km<sup>2</sup> (including Fleet Street JV ~208km<sup>2</sup>) located across Western Australia. The projects are prospective for Ni-Cu-Co-PGE, Au and Li and include:

- **Ida Holmes Junction**
- **Boodanoo**
- **Julimar West**



**Figure 4.** Location of Western Yilgarn projects

## Forward Statements

This release includes forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning the Company's planned exploration programs and other statements that are not historical facts. When used in this release, the words such as "could", "plan", "estimate", "expect", "anticipate", "intend", "may", "potential", "should", "might" and similar expressions are forward-looking statements. Although the Company believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve known and unknown risks and uncertainties and are subject to factors outside of the Company's control. Accordingly, no assurance can be given that actual results will be consistent with these forward-looking statements.

## Competent Person Statement

The reported Exploration Results were compiled by Beau Nicholls, a Fellow of the Australian Institute of Geoscientists. Mr. Nicholls has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Nicholls is a principal Consultant with Sahara Operations (Australia) Pty Ltd, and the Competent Person is independent of the Company and other than being paid fees for services in compiling this report, neither has any financial interest (direct or contingent) in the company.