

ASX Announcement
30th January 2024

Westar Resources December Quarterly Activities Report

Highlights

Olga Rocks

- ✦ **Drilling successfully completed: 21 RC holes for 1,462m targeting lithium and gold**
- ✦ **Lithium targets: Multiple pegmatites intersected along strike and at depth**
- ✦ **Gold targets intersected: Prospective mafic horizon defined in most drill holes**
- ✦ **Drill assay results anticipated early February 2024**

Mindoolah

- ✦ **Heritage Survey complete: Cultural areas identified within proposed drill areas**
- ✦ **Assessing potential for high-grade gold mineralisation beneath mined open pits**
- ✦ **Lithium drilling on hold awaiting final Heritage Survey report**

Opaline Well

- ✦ **Hyperspectral data acquired and interpretation underway**
- ✦ **Report findings will help define exploration targets for the 2024 field programs**

Corporate

- ✦ **Cash at 31 December 2023 of \$1.72 million**
- ✦ **Appointment of Anthony Tornatora as the joint Company Secretary**

Westar Resources Limited (ASX:WSR) (**Westar**, the **Company**) is pleased to report on its activities during the December 2023 Quarter.

Westar Executive Director Lindsay Franker commented:

"We've made significant progress at Olga Rocks, with multiple pegmatites intersected and the prospective gold horizon discovered in the majority of drill holes. While we eagerly await assays, these initial findings are highly encouraging for both lithium and gold potential.

"While the cultural heritage survey findings presented challenges for Mindoolah, we remain optimistic about the project's future. We are actively engaging with traditional owners to determine a path forward for responsible exploration. In the meantime, we're focusing on assessing the high-grade gold potential beneath previously mined open pits.

"Overall, it's been a productive quarter and we continue to explore all opportunities in order to deliver value to our shareholders."

Yilgarn Projects

Olga Rocks Project, Western Australia

The Olga Rocks Project (lithium, gold) is situated approximately 400km east of Perth and 60km south-southeast of Southern Cross (Figure 1). The project is located within the emerging Forrestania lithium district, just 2km from Zenith Resources' (ASX:ZNC) recently announced 'Rio' Inferred Mineral Resource (11.9Mt @ 0.72% Li₂O)¹ and 40km from Wesfarmers-SQM JV's operating Earl Grey lithium Mine (Mt Holland Project: 189Mt @ 1.5% Li₂O)^{2a2b} which has a 50 year mine life (Figure 1). Lithium is hosted by pegmatites at both Resources.

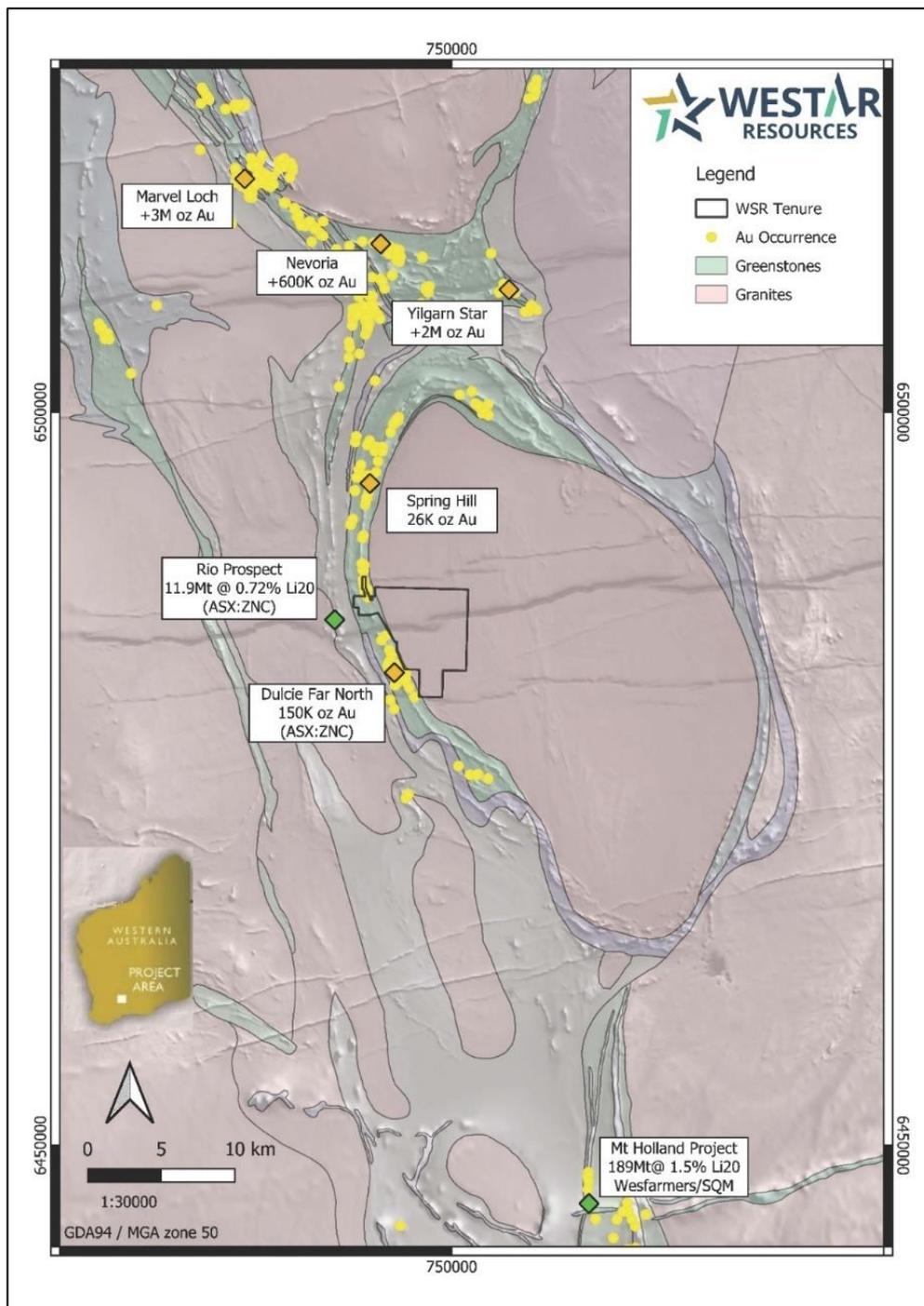


Figure 1 – Regional location map showing key lithium and gold projects surrounding the Olga Rocks Project

Project area geology consists of a thin greenstone sequence flanked by large granitoids adjacent to the east and west. Three main zones of pegmatite bodies previously defined by Westar – eastern, central, and western (Figure 2) – may be sourced from these granitoids.

Olga Rocks is also located in the gold-rich Southern Cross greenstone belt, which has several significant gold camps within 30km of the Project including Marvel Loch (+3Moz Au) and Yilgarn Star (+2Moz Au): Figure 1. Zenith Minerals (ASX:ZNC) recently announced its 'Dulcie Far North' 150Koz Au Mineral Resource^{3,4} which is located 1.5km along strike to the southeast, and the 26Koz Au Spring Hill Mineral Resource^{5,6} is situated 5.5km along strike to the north.

Lithium Drill Targets

Westars' maiden Li-focused RC drill program completed in April 2023 (Figure 2) successfully intersected numerous pegmatites in the central zone, although only returning low-order lithium anomalism. However, the only drill hole to intersect the western pegmatite returned 2m @ 0.2% Li₂O (OLRC005)⁷ from a significant 44m-thick fractionated pegmatite, accompanied by a fertile elemental signature of Lithium-Caesium-Tantalum ('LCT')-style pegmatites. Much of the 44m width is oxidised/weathered which can result in lithium depletion: this occurred at Mt Holland. Accordingly, it is possible that the central pegmatite zone was sourced from the eastern granitoid and the western pegmatite from a more fertile western granitoid - which may be the same source as Zeniths' Rio deposit.

During this quarter, a lithium-focused RC drill program (Figure 2) targeted along strike from OLRC005, where the pegmatite is interpreted to extend beneath cover for approximately 1,300m strike. A shallow RC drill program (13 holes, 780m) was initially completed as a mapping tool to define pegmatite extents. Deeper RC drilling (3 holes, 260m) was then used to intersect pegmatite in fresh rock, where there is no lithium depletion occurring from weathering processes. All pegmatites were sampled at 1m intervals (remainder 4m composites) and were submitted to the laboratory for analysis. Assay results now expected in the coming weeks, due to delays from minimal laboratory staff available over the Christmas - New Year holiday period.

Gold Drill Targets

Within the project area, numerous historic gold workings are scattered along a 2km prospective iron-rich basalt horizon or within an interpreted banded iron formation, of which only limited areas had been drill tested by previous explorers (Figure 3). Westar's maiden drill program in April 2023 returned excellent gold results including 3m @ 7.5g/t Au from 57m (OLRC013)⁸. When interpreted with historic drill data over the southern area of the project, the higher grades appear irregular and discontinuous, reducing the priority for further work. However, the 2km of strike to the north was not adequately tested, and there is the potential for coherent high grade gold mineralisation to occur.

During the quarter a follow-up RC drill program (Figure's 3, 4) tested 5 of the most geologically favourable targets along the 2km of strike, to assess potential for continuous high grade gold mineralisation within the iron rich basalt horizon and banded iron formation (5 holes, 422m). Drilling was successful in intersecting the prospective lithology in 4 out of the 5 holes. All zones of interest for potential gold mineralisation were sampled at 1m intervals (remainder 4m composites) and have been submitted to the laboratory for analysis, with assay results now expected in the coming weeks.

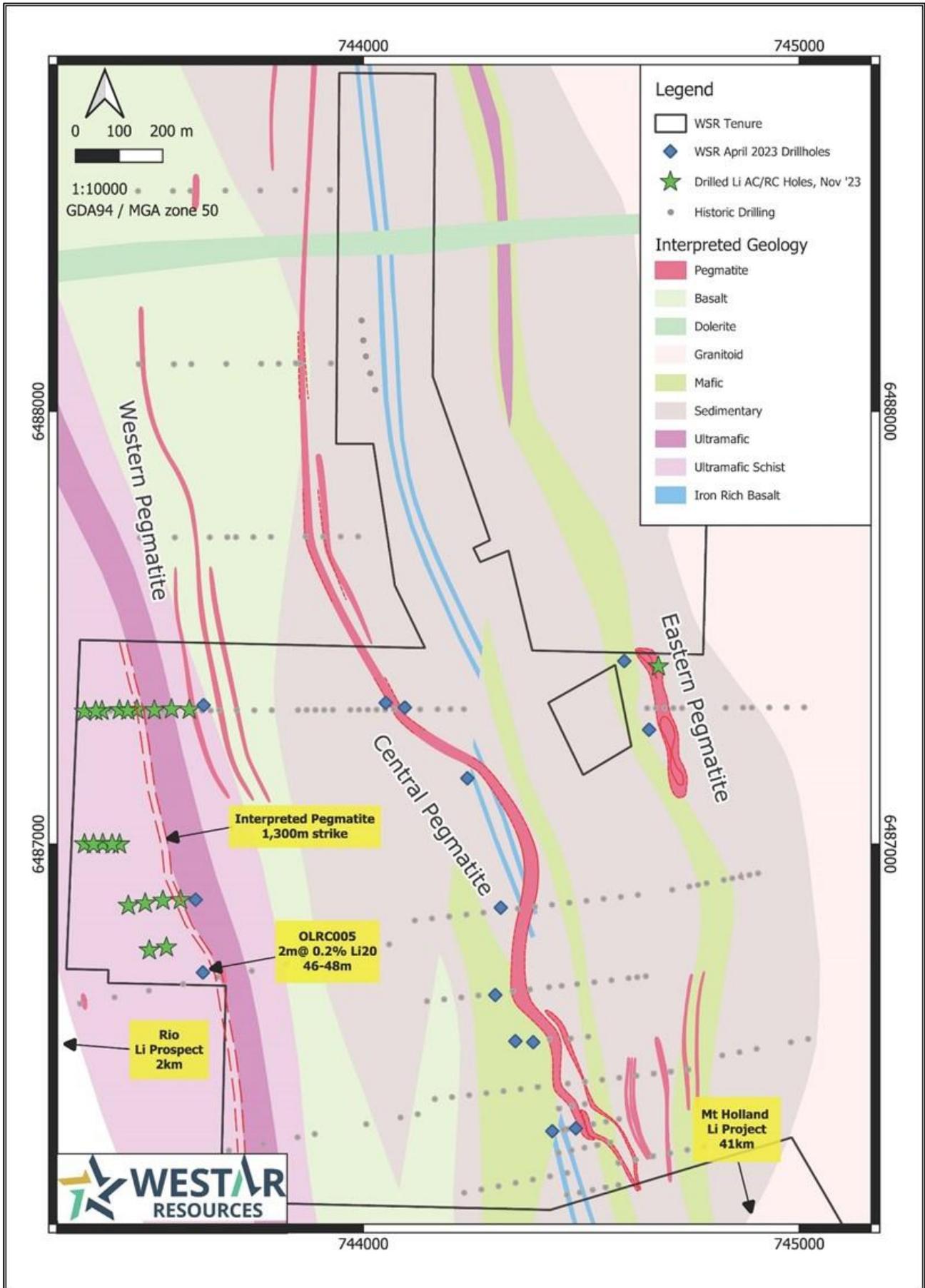


Figure 2 – Olga Rocks lithium targets including Dec quarter 2023 Li drill holes

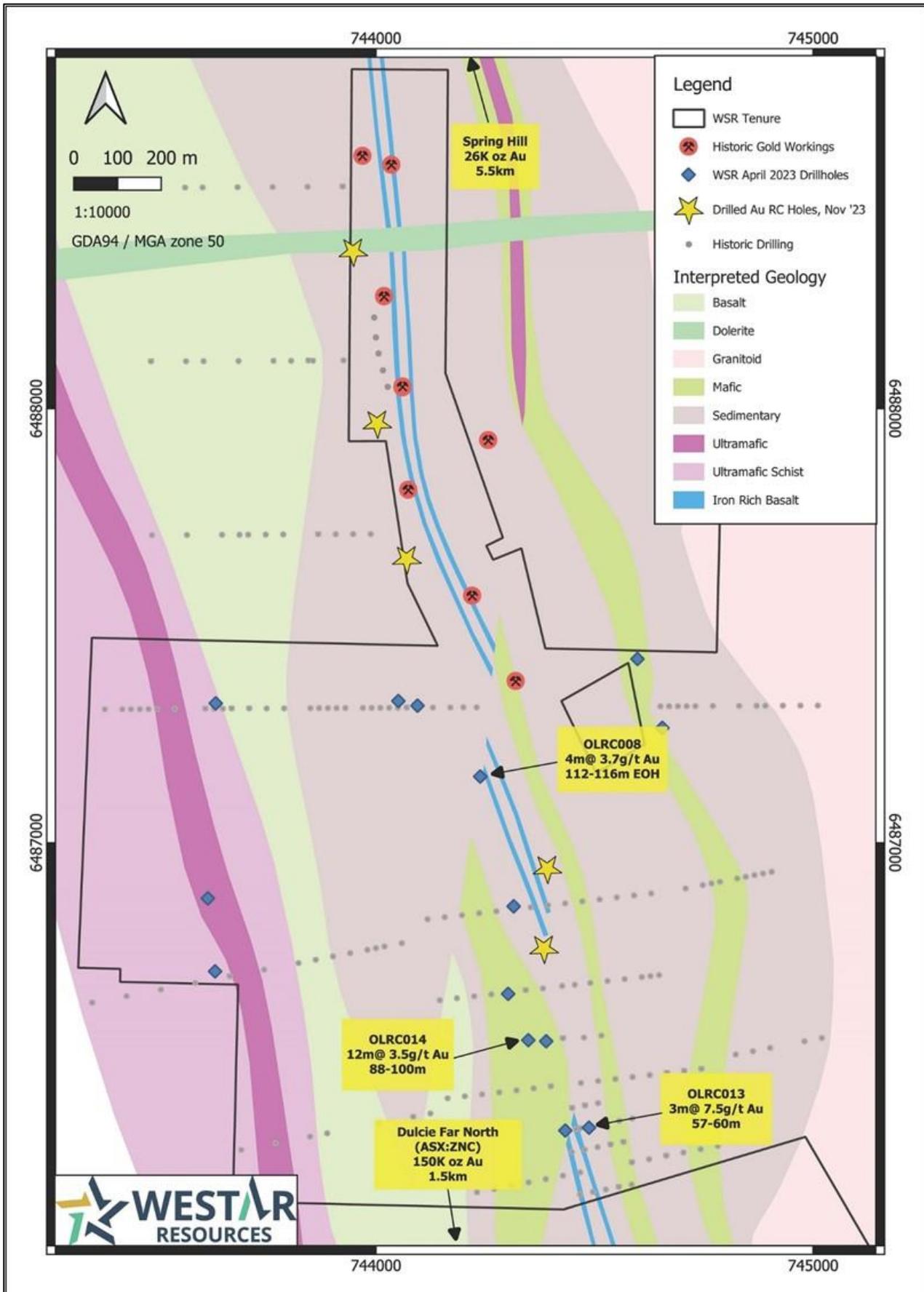


Figure 3 – Olga Rocks gold targets including Dec quarter 2023 Au drill holes



Figure 4 – Olga Rocks RC Drilling, November 2023

Mt Finnerty Project, Western Australia

The Mt Finnerty Project (gold) is located about 430km east-northeast of Perth and 100km northeast of Southern Cross in the Archean Mara-Diemals greenstone belt (Figure 5). Mt Finnerty is a Joint Venture with \$1.7 Billion market cap gold producer/explorer Ramelius Resources Ltd (ASX: 'RMS') in which Westar holds a 25% free carried interest until a decision to mine is made, at which point Westar can either contribute to ongoing expenditure or dilute its interest in the project.

In the June quarter, RC/diamond drill programs completed by Ramelius returned numerous high grade gold assays including 8.7m @ 13.4g/t Au from 173.5m (FLRC0029) and 4m @ 5.7g/t Au from 150m (FLRC0037)^{9,10}. Interpretation suggests high grade mineralisation identified to date may remain open in multiple directions. A follow-up drill program was then designed to target these possible extensions.

During this quarter a flora survey covering the proposed drill program area was completed. Preliminary findings suggest there are no significant flora present; awaiting final report. A heritage survey request was submitted to the Native Title Holders for additional drilling programs; awaiting a response.

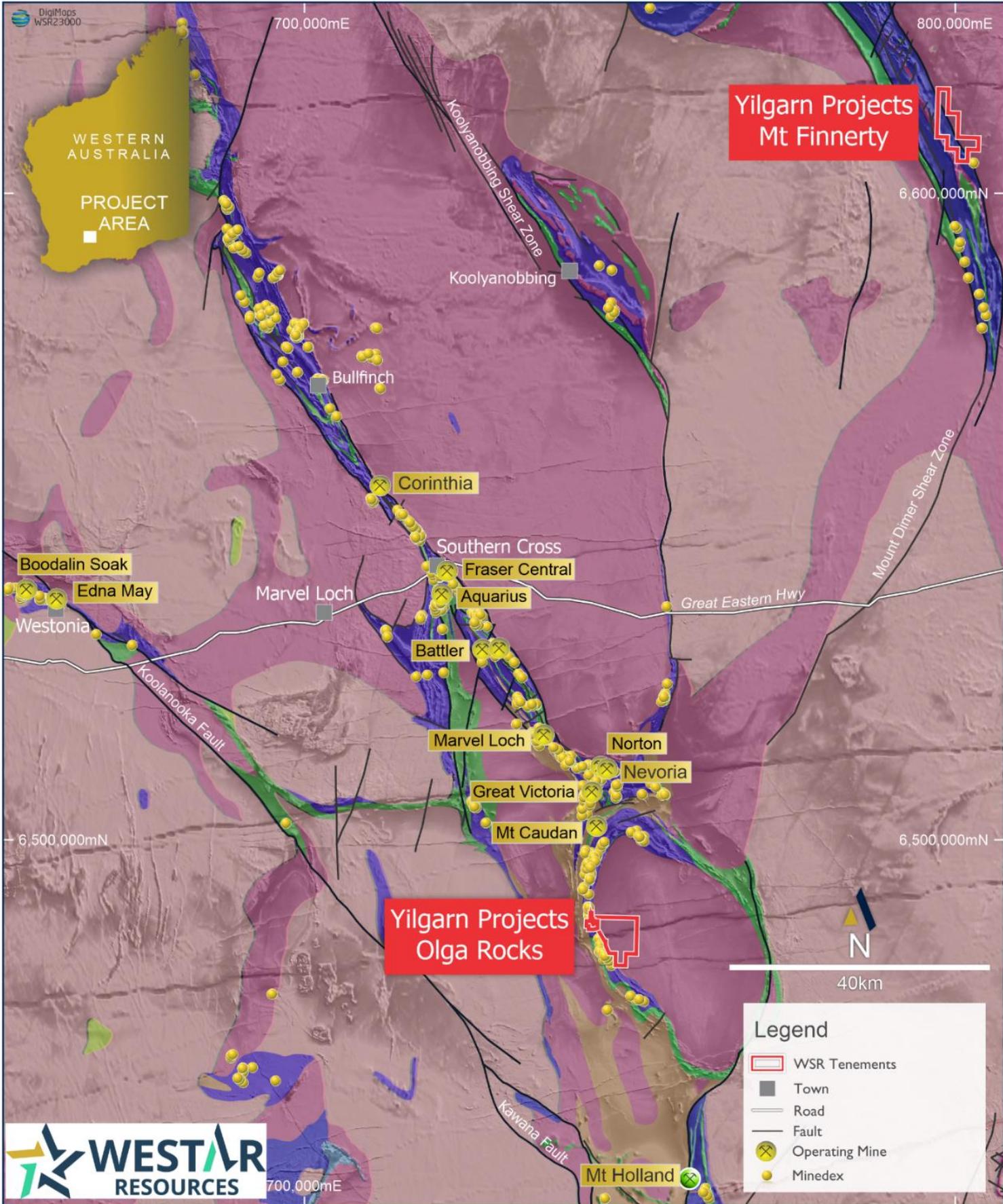


Figure 5 – Locality map of the Mt Finnerty Project

Murchison Projects

Westar is exploring across three projects in the Murchison region of Western Australia: Gidgee North, Mindoolah and Winjangoo (Figure 6).

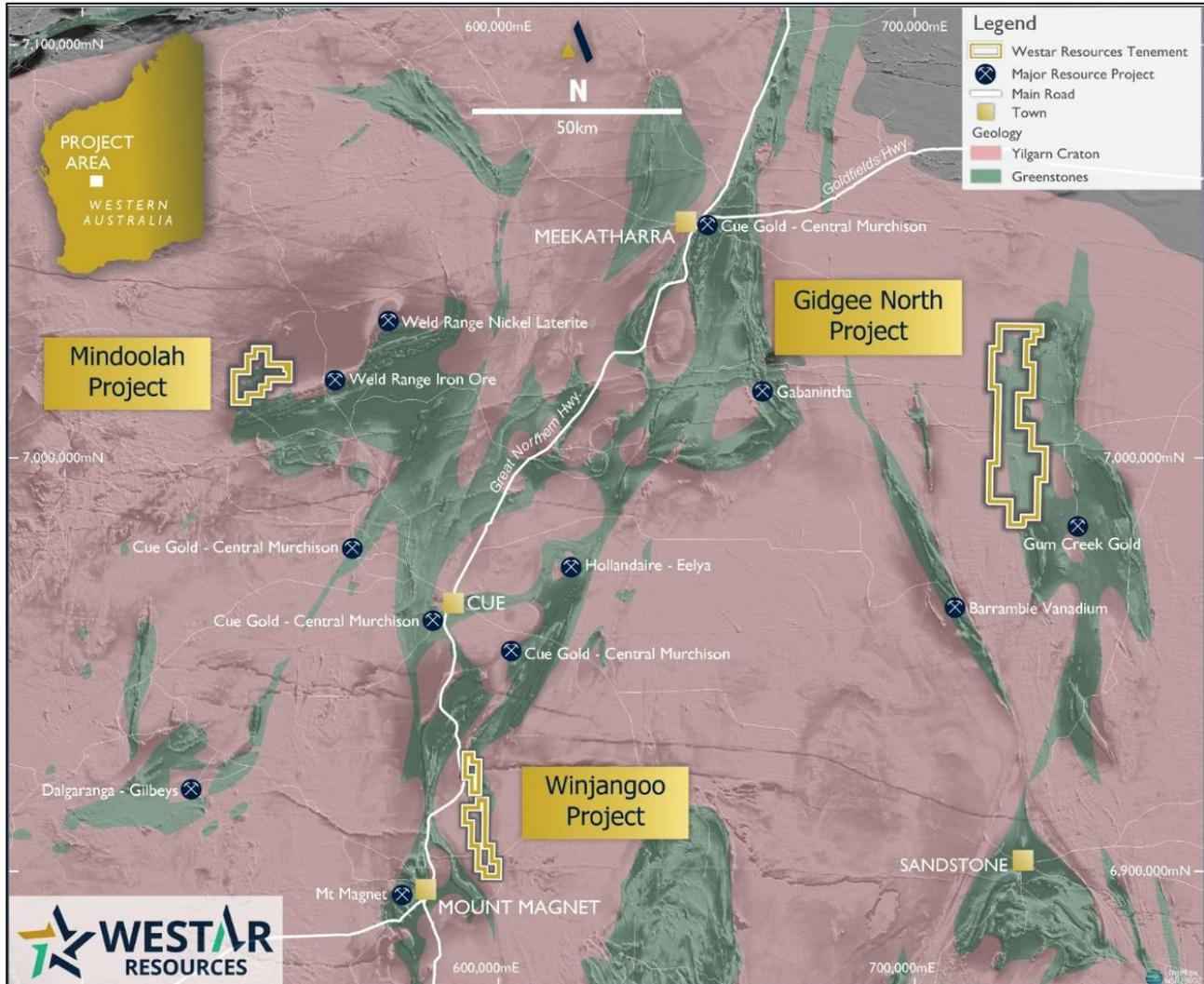


Figure 6 – Location map of Westar’s Murchison Projects: Gidgee North, Mindoolah and Winjangoo

Gidgee North Project

The Gidgee North Project (base metals, gold) is located approximately 640km northeast of Perth within the Gum Creek Greenstone Belt (GCGB) of the Youanmi Terrane, measuring some 100km in length and 24km in width. Previous exploration over the northern GCGB was largely focused on proximity to existing mines or known shear zones and structures, with regional exploration comprising limited, shallow rotary air blast (RAB) and soil geochemical sampling programs. Many of the targets defined by previous explorers remain inconclusively tested, despite covering favourable geological and structural settings, including the potential for Cu-Zn mineralised systems.

During the quarter, a geochemical analysis and interpretation of assays returned from previous Westar drill programs commenced, lead by a well-respected specialist consultant. The aim is to assess whether the geochemical signature of the rocks support a mineralised VMS model or alternative models. This will continue into the March 2024 quarter to assist with field program planning.

Mindoolah Project

The Mindoolah Project (lithium, gold) is located 70km northwest of the town of Cue. Main rock types include a sequence of felsic volcanics, mafic units, banded iron formation (BIF) and granite, with lenses and dykes of pegmatite, aplite and quartz-feldspar porphyry. Extensive alluvial and open pit gold occurrences occur in the Mindoolah mining centre and many historic workings are scattered throughout the tenements. Westar holds a 24-month option agreement to acquire 100% of the Mindoolah Project.^{11,12}

Lithium

Historical mapping defined pegmatites that had never been tested for lithium mineralisation. Westar has since carried out numerous surface geochemical (soil, rock chip, pXRF) sampling and mapping programs over the western side of the tenement, which has defined a +7km corridor of over 40 outcropping to subcropping pegmatites up to 100m x 50m.¹³

Surface sample assay results and pXRF analysis indicate parts of the corridor are fertile for LCT-style mineralisation (Figure 7) and has highlighted a likely fractionated sequence (mineralogical zoning) within the pegmatite outcrop clusters.¹³ Resultant interpretation has defined priority drill targets.



Figure 7 – Sample of Mica portion of fractionated pegmatite

A Heritage survey was completed over the proposed drill target areas last quarter. The traditional owners (The Wajarri-Yamatji) have indicated the presence of culturally important areas. Discussions on the Heritage Survey occurred during this quarter, with a final report agreed to by all parties expected first quarter of 2024. All other approvals for drilling have been obtained.

Gold

Modern-day alluvial and open pit gold occurrences (Figure 8) are located at the Mindoolah mining centre on the eastern side of the project and historic workings are also scattered throughout. While awaiting the outcome of the heritage survey covering lithium drill targets, Westar have begun assessment on the potential for high grade gold mineralisation along strike and down dip from previous open pit gold mining.



Figure 8 – Historic open pit gold mine, Mindoolah Mining Centre

A small reconnaissance field trip focusing on gold potential was completed during the quarter, with 6 rock chip samples taken (awaiting assay results).

Winjangoo Project

The Winjangoo Project (gold) is located 20km northeast of Mount Magnet and comprises a thick sequence of folded and faulted greenstones bound by granite to the east and the west (Figure 9). On a project scale, the lithologies and structures interpreted from geophysics and mapping are conducive to gold mineralisation conduits and dilatational “traps” seen in other orogenic gold systems and key indicators are present for a mineralised system present at the prospect scale, including gold anomalism, host-rock alteration, veining, shearing and sulphides.

A geological review commenced during the quarter and will continue into first quarter of 2024, prior to planning for on-ground exploration.

Pilbara Project

Opaline Well

Westar's Opaline Well project (base metals and gold) is in the Pilbara, approximately 190km southeast of Port Hedland and 35km west of Nullagine (Figure 10). Historical exploration over this portion of the Coongan greenstone belt includes geochemical exploration, with rock chip samples up to 200g/t Au around the Triberton Creek workings. Rock chips assays ranging from 0.25–1.15% Cu, 0.14–1.85% Zn, 79–155g/t Ag and 0.19–0.41g/t Au occur around the historic Opaline Well workings¹⁴. Westar has defined several targets containing anomalous base metal rock chips and electromagnetic conductors^{15,16}.

Towards the end of the quarter, acquisition and interpretation of hyperspectral data/imaging by a respected specialist consultant commenced, covering the entire tenement. This will provide an effective exploration targeting tool, given the high amount of outcrop and sub crop on the tenement.

Hyperspectral imaging is a geophysical technique which uses multiple bands across the electromagnetic spectrum. Hyperspectral data processing can show a wide range of primary and alteration elemental signatures, which can then be interpreted into mineral assemblages to define alteration zones potentially associated with precious/base metal mineralisation, lithium-bearing pegmatites, and critical minerals hosted in/around granitoid bodies. Outcome of the resultant report will be important for planning mapping and geochemical programs, which will commence once weather conditions are favourable.

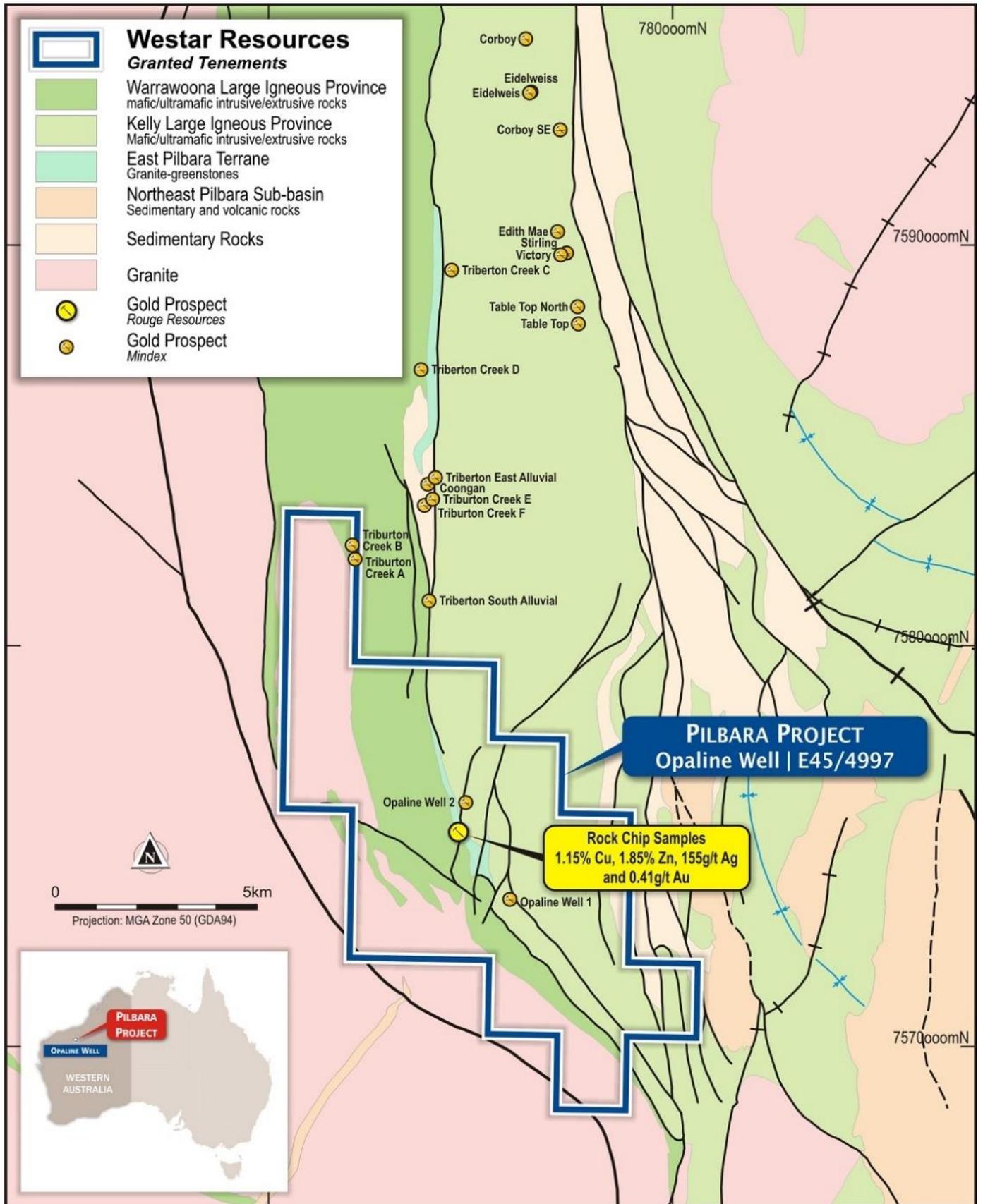


Figure 10 – Opaline Well location map and regional granite-greenstone belt.

(Note: Rouge resources is a 100% subsidiary of Westar)

Corporate

During the quarter, Westar announced the appointment of Anthony Tornatora as the joint Company Secretary, commencing his role on 1 December 2023.

Following Mr. Tornatora's appointment of the position of Joint Company Secretary, both Mr. Donovan and Mr. Tornatora will assume the responsibility for engaging in communications with ASX in accordance with ASX Listing Rule 12.6.

Annual General Meeting

Westar held its Annual General Meeting on 16 November 2023. All resolutions were passed on a poll.

Quoted Capital

- 185,357,516 Shares on issue (ASX:WSR)
- 45,798,319 Listed options @ \$0.045 expiring 5th May 2025 (ASX:WSROA)

Unquoted Capital

- 3,100,000 Performance rights - Tranche 1
- 3,100,000 Performance rights - Tranche 2
- 3,100,000 Performance rights - Tranche 3
- 3,100,000 Performance rights - Tranche 4
- 600,000 Performance rights - Tranche B
- 600,000 Performance rights - Tranche C
- 1,200,000 Performance rights - Tranche D
- 11,317,538 Unlisted options @ \$0.14 expiring 26th May 2025

Cash and Cash Equivalents

Current cash as of 31 December 2023 was approximately \$1.72 million. The Company remains funded to execute on its 2024 planned exploration activities.

Appendix 5B

Cash outflows for the quarter (excluding capital raising costs) totalled \$0.39 million. For the purpose of Section 6 of the Appendix 5B, all payments made to related parties have been paid in relation to director fees.

December Quarterly Announcements

This Quarterly Activities Report contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (“2012 JORC Code”). Further details (including 2012 JORC Code reporting tables where applicable) of exploration results referred to in this Quarterly Activities Report can be found in the following announcements lodged on the ASX:

- 13th October 2023 Notice of Annual General Meeting/Proxy Form
- 31st October 2023 Quarterly Activities Report
- 31st October 2023 Quarterly Cash Flow Report
- 16th November 2023 Results of Meeting
- 22nd November 2023 Commences Lithium and Gold Target Drilling at Olga Rocks
- 1st December 2023 Company Secretary Appointment/Resignation
- 4th December 2023 Notification regarding unquoted securities - WSR
- 4th December 2023 Change of Director's Interest Notice – Jupp
- 4th December 2023 Change of Director's Interest Notice – Franker
- 4th December 2023 Change of Director's Interest Notice – Eley
- 4th December 2023 Notification regarding unquoted securities – WSR
- 12th December 2023 Drilling Completed at Olga Rocks with Pegmatites Intersected
- 18th December 2023 Notification of cessation of securities - WSR

References in this release:

- 1 ZNC ASX Announcement, 28 Sept 2023 Maiden Lithium Mineral Resource at Split Rocks Project
- 2a Resource: measured 66Mt @ 1.58% Li₂O (1.04Mt); indicated 106Mt @ 1.52% Li₂O (1.61Mt); inferred 17Mt @ 1.11% Li₂O (195Kt)
- 2b KDR ASX Announcement, 19 Mar 2018 “Substantial Increase in Earl Grey Mineral Resource Estimate”
- 3 ZNC ASX Announcement, 11 July 2023, “Maiden Mineral Resource – Dulcie Far North Gold Project”
- 4 Inferred resource 3.4Mt @ 1.4g/t Au for 150koz Au
- 5 GDA ASX Announcement, 01 Aug 2012, “Activities Report for the June Quarter 2012”
- 6 Resource: indicated 226,400t @ 2.0g/t Au (14,250oz Au); inferred 180,300t @ 2.0g/t Au (11,500oz Au)
- 7 WSR ASX Announcement, 19 Jul 2023, “Drilling Confirms LCT Style Pegmatites at Olga Rocks”
- 8 WSR ASX Announcement, 06 Jul 2023, “Maiden drilling returns high-grade gold at Olga Rocks”
- 9 WSR ASX Announcement, 27 April 2023, “Mt Finnerty JV Initial Diamond Drilling Results”
- 10 RMS ASX Announcement, 12 May 2023, “Mt Finnerty JV Delivers Wide High-Grade Gold Intercepts”
- 11 WSR ASX Announcement, 24 November 2022, “Secures Mindoolah Lithium & Gold Project and divests Gidgee”
- 12 WSR ASX Announcement 26 April, 2023, “Executes Option Agreement at Mindoolah Lithium-Gold Project”
- 13 WSR ASX Announcement, 28 Aug 2023 “Priority Pegmatite Drilling Targets Defined at Mindoolah
- 14 WSR ASX Announcement, 6 December 2020, “Prospectus”
- 15 WSR ASX Announcement, 27 September 2022, “Opaline Well Exploration Defines Base Metal Mineralisation”
- 16 WSR ASX Announcement, 02 March 2022, “AEM Survey Identifies Conductors at Opaline Well”

Westar's Project Portfolio

Westar holds interests in six exploration projects located in the Pilbara, Murchison and Yilgarn regions of Western Australia (Figure 11). Key commodity focus is lithium, base metals and gold.

Westar's three-pronged exploration rationale is:

- 1) Maximise discovery potential of key assets through diligent application of capital and resources, utilising best practice systematic exploration and technology.
- 2) Diversify risk on appropriate assets through partnering with fast-moving companies with reputations for building mines; and
- 3) Continuously evaluate a pipeline of prospective opportunities under the mantra 'succeed swift or fail fast'.



Figure 11 – Location map of Westar Projects, Western Australia

Tenement Schedule

Tenement	Project	Location	Status	Interest
E16/505	Mt Finnerty	Yilgarn, WA	Granted	Ramelius JV: Westar 25% free carry
E77/2424	Olga Rocks	Yilgarn, WA	Granted	100%
M77/563	Olga Rocks	Yilgarn, WA	Granted	Option Agreement to purchase
M77/634	Olga Rocks	Yilgarn, WA	Granted	Option Agreement to purchase
M77/1293	Olga Rocks	Yilgarn, WA	Granted	Option Agreement to purchase
M77/1294	Olga Rocks	Yilgarn, WA	Granted	Option Agreement to purchase
P77/4271	Olga Rocks	Yilgarn, WA	Granted	Option Agreement to purchase. MLA77/1306
P77/4614	Olga Rocks	Yilgarn, WA	Pending	Option Agreement to purchase
P77/4638	Olga Rocks	Yilgarn, WA	Granted	Option Agreement to purchase
E45/4997	Opaline Well	Pilbara, WA	Granted	100%
E45/6451	Pinga	Pilbara, WA	Pending	Ballot
E58/536	Winjangoo	Murchison, WA	Granted	100%
E53/1920	Gidgee North	Murchison, WA	Granted	100%
E51/2044	Gidgee North	Murchison, WA	Granted	100%
E51/2032	Gidgee North	Murchison, WA	Granted	100%
E53/1832-I	Gidgee North	Murchison, WA	Granted	75%
E53/2227	Gidgee North	Murchison, WA	Granted	100%
E51/2090	Gidgee North	Murchison, WA	Granted	100%
E20/985	Mindoolah	Murchison, WA	Granted	Option Agreement to purchase
P20/2444	Mindoolah	Murchison, WA	Granted	Option Agreement to purchase
P20/2445	Mindoolah	Murchison, WA	Granted	Option Agreement to purchase

For the purpose of Listing Rule 15.5, this announcement has been authorised by the board of Westar Resources Ltd.

ENQUIRIES

Lindsay Franker, Executive Director | lindsay@westar.net.au | Ph: 08 6556 6000

Reporting of Results: Westar confirms this announcement does not contain new results. Any historical or Westar obtained results, including laboratory assays, have been fully disclosed in previous ASX announcements, including appropriate JORC reporting requirements and competent person statement.