

## EXPLORATION UPDATE MT ADRAH GOLD, BOLT CUTTER EAST LITHIUM & WIDFIELD BASE METAL PROJECTS

### Highlights

- New targets identified from re-interpretation of geophysics and geochemistry at the Mt Adrah Gold Project in the Lachlan Fold Belt, NSW
- Field work comprising high-resolution topographic survey, mapping, soil sampling and rock-chip sampling is underway at Mt Adrah to assist with target definition for drill planning
- Assays imminent for Bolt Cutter East Lithium Project, Pilbara, WA
- Tenements granted at the Widefield Project, West Murchison, WA

**Wildcat Resources Limited (ASX: WC8)** ("Wildcat" or "Company") is pleased to announce that it has commenced fieldwork at the Mt Adrah Gold Project to refine targets for drill testing in 2022 (Figure 1). The work follows a recent review of the extensive data Wildcat has compiled over the project. This includes results of Wildcat's regional geochemical and mapping programs, geophysics, and historical exploration data.



Figure 1 – Field work to assist drill planning at the Mt Adrah Gold Project, NSW

**Chief Executive Officer Samuel Ekins** said "We are really excited about the opportunities at our Mt Adrah Gold Project. The Lachlan Fold Belt contains some of Australia's largest intrusive-related gold and copper deposits and new research is highlighting the potential for further discoveries. Wildcat's work at Mt Adrah, including regional geochemical sampling, geological and structural mapping and geophysical studies have confirmed the prospectivity of the project for intrusion-related gold systems (IRGS), as well as high-grade reef-style mineralisation. Following recent re-interpretation of geophysics<sup>1</sup>, integration with regional data sets and mapping, we are rapidly advancing further exploration and target definition work to assist with drill planning at several priority prospects."

<sup>1</sup> ASX announcement 13<sup>th</sup> March 2022:

<https://www.investi.com.au/api/announcements/wc8/9eca4540-f12.pdf>



**WILDCAT**  
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#### Wildcat Resources Ltd

Wildcat Resources is a company focused on discovery with strategic land holdings in three world class provinces. The Mt Adrah gold project in the Lachlan Fold (NSW), the Pilbara Gold project and the Fraser Range project both in WA.

The company has secured a Tier One technical team to help advance these projects.

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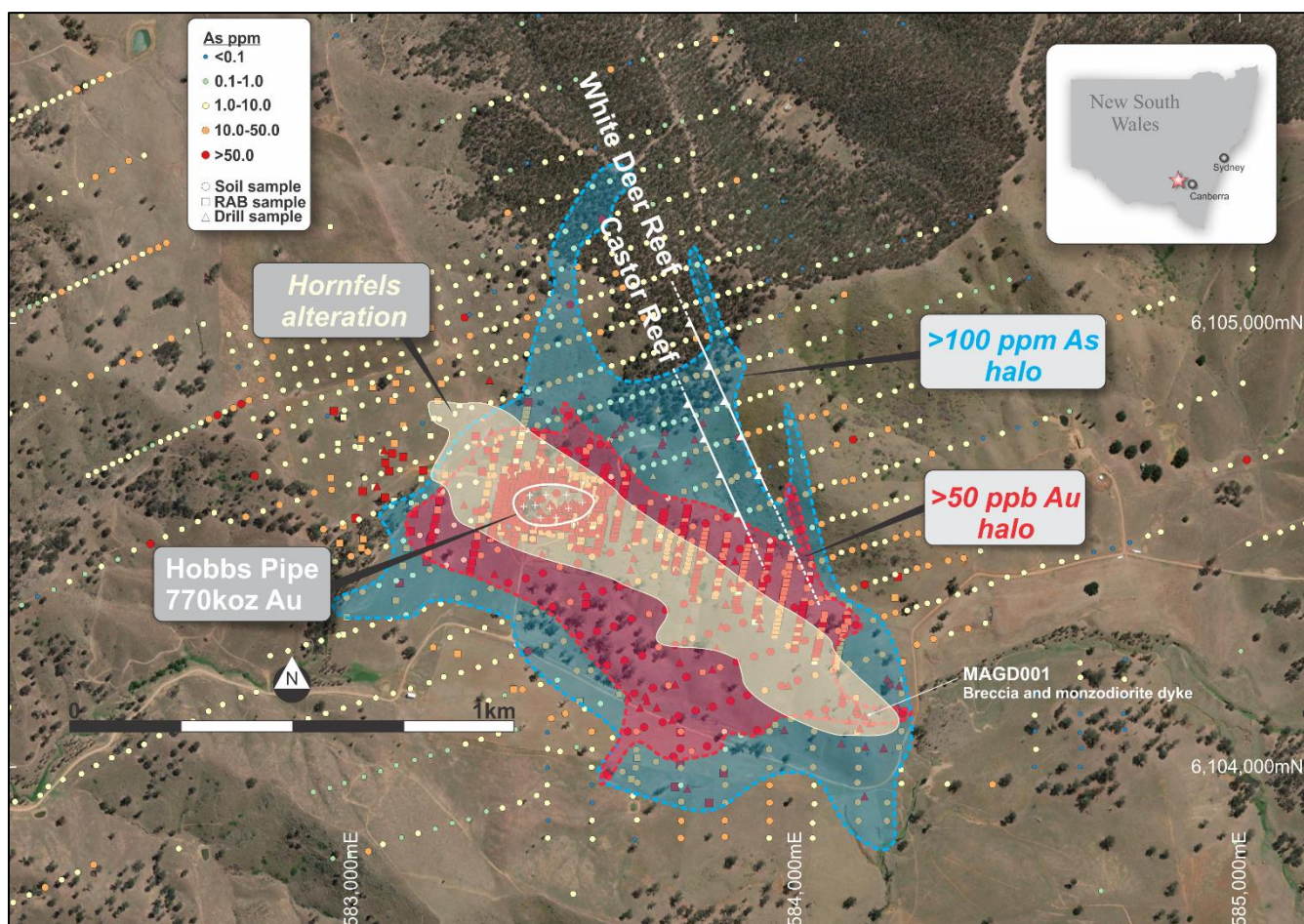
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## Mt Adrah Gold Project – Hobbs Pipe Targets

Hobbs Pipe is an IRGS associated with a sinistral dilational jog to the east of the Nacki Nacki Creek Fault, which is part of the regionally significant Gilmore Suture Zone. Hobbs Pipe has a 2012 JORC compliant resource of **20.5Mt @ 1.1g/t Au for 770Koz of contained Au<sup>2</sup>**. The resource is confined to a 200m diameter, vertical monzodiorite intrusion within a package of intensely folded to migmatitic turbiditic sediments which have locally undergone hornfels alteration. Two high-grade gold-bearing veins named White Deer Reef and Castor Reef occur to the east and have returned a best intercept of 10m at 17.7 g/t Au from 506m (GHD009)<sup>3</sup>.

The known gold mineralisation in the vicinity of Hobbs Pipe is defined by coincident gold (>50 ppb) and arsenic (>100 ppm) soil geochemical anomalies and an area of intense hornfels alteration (Figure 2)<sup>4</sup>. The arsenic halo is over 1km in diameter and surrounds a southeast-trending area of gold anomalism and hornfels alteration which extends asymmetrically from Hobbs Pipe.



**Figure 2 – The Hobbs Pipe area showing the location of the Hobbs Pipe gold deposit, the White Deer and Castor Reefs and the associated As, Au and alteration halos.**

Recent reviews of geophysical data at Mt Adrah, in parallel with additional reconnaissance work in the Hobbs area, has highlighted the potential for a larger intrusive complex extending to the southeast which could host more mineralised intrusions and reefs (Figure 3).

Drilling by Sovereign Gold in 2014 identified brecciation, monzodiorite and gold mineralisation near the southeastern margin of the hornfels zone in a 42.5m deep diamond drill hole, MAGD001<sup>5</sup> (Figures 2 & 3). Wildcat's geologists traversed the area and identified areas of outcropping hornfels altered metasediments and monzodiorite proximal to MAGD001 (Figure 4, Table 1). The hornfels metasediment is interpreted as an exoskarn system proximal to a possible larger polyphase intrusive system (indicated by occurrences of granodiorite and monzodiorite).

<sup>2</sup>ASX announcement 23<sup>rd</sup> August 2019: <https://www.asx.com.au/asxpdf/20190823/pdf/447s52fxbdmrfc.pdf>

<sup>3</sup> ASX announcement 04 November 2021: <https://www.investi.com.au/api/announcements/wc8/b3aa6be8-934.pdf>

<sup>4</sup> ASX announcement 08<sup>th</sup> September 2021: <https://www.investi.com.au/api/announcements/wc8/c040c9ac-eef.pdf>

<sup>5</sup> Sovereign Gold Quarterly Activities Report June 2014: <https://www.asx.com.au/asxpdf/20140731/pdf/42r5vrgqyintzh.pdf>



Figure 3 shows a geophysical image (1st vertical derivative of reduced-to-pole magnetics) over the Hobbs Pipe area with interpreted intrusive and pipe- and reef-style targets. Additional rock chip sampling and acquisition of a digital elevation model will assist Wildcat to plan drilling to test for further intrusive-related and high-grade reef style gold mineralisation.

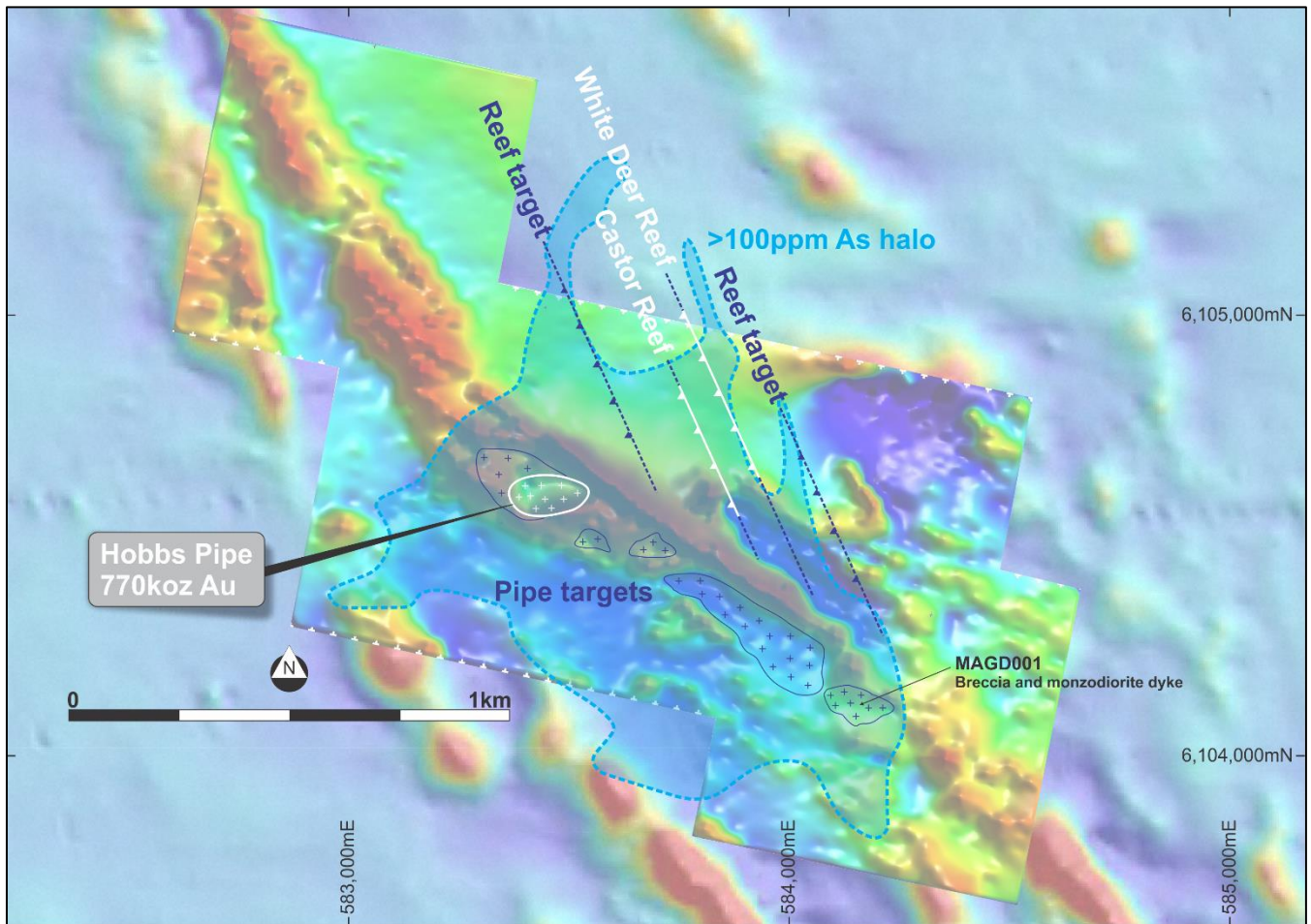


Figure 3 – RTP 1VD magnetic image with known mineralisation in white and conceptual exploration targets in blue

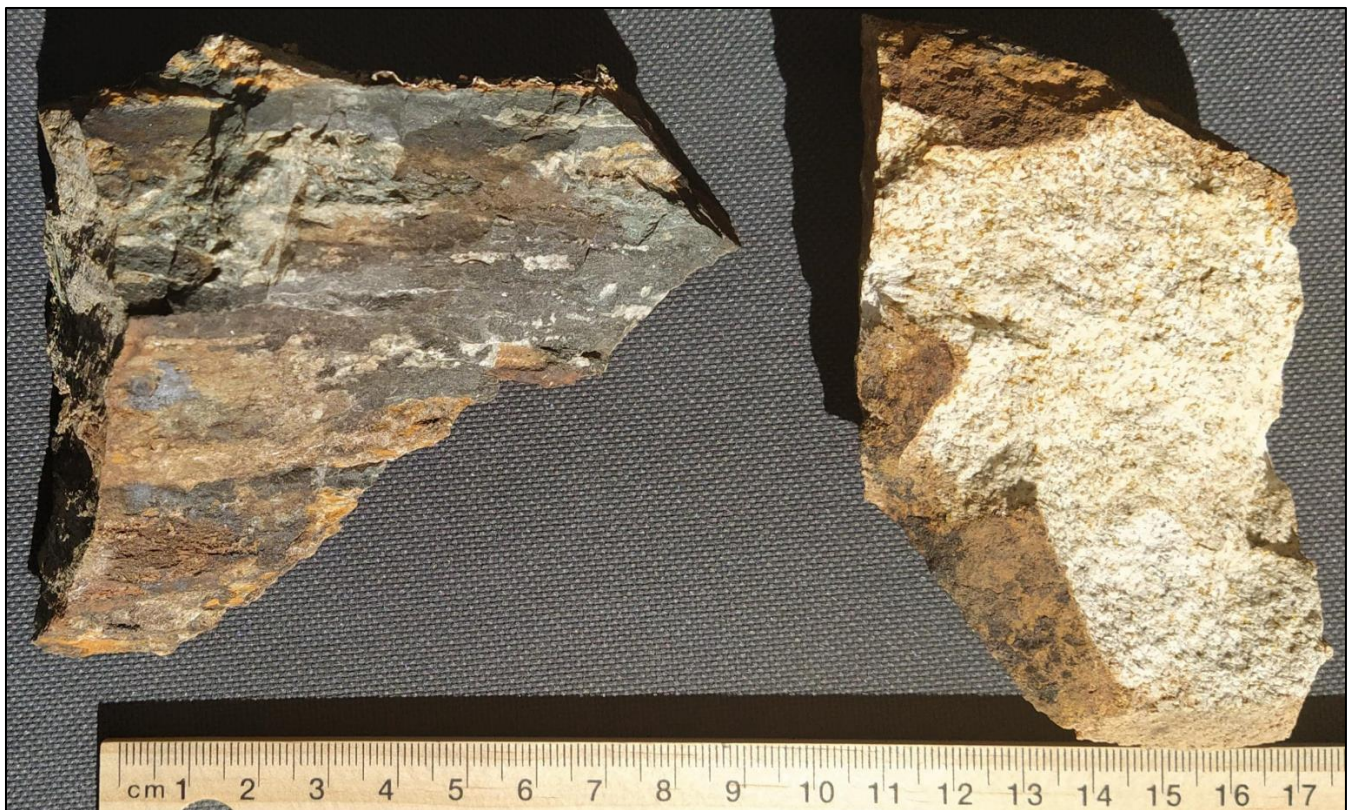


Figure 4 – Left, MASS002 hornfels altered metasediments (exoskarn) like those adjacent to the Hobbs Pipe; and right, MASS001 monzodiorite dyke, both from outcrop near the collar of MAGD001.



The current phase of field work in the greater Hobbs Pipe area will assist Wildcat to finalise drill targets for drilling in FY23 Q1/Q2. The primary targets are mineralised intrusions extending under the hornfels alteration to the southeast and possible lateral extensions to Hobbs Pipe to the northwest where mineralisation remains open. Secondary drill targets are extensions to the high-grade Castor and White Deer Reefs and additional reefs parallel to these that splay-off the jog that hosts Hobbs Pipe.

## Mt Adrah Gold Project – Regional Exploration

To date 5,924 surface samples have been collected by Wildcat at the Mt Adrah Project. The regional sampling program has identified numerous geochemical anomalies (see Figures 5 & 6) and Wildcat continues to evaluate and rank the anomalies to refine targets for further work and potential drill testing.

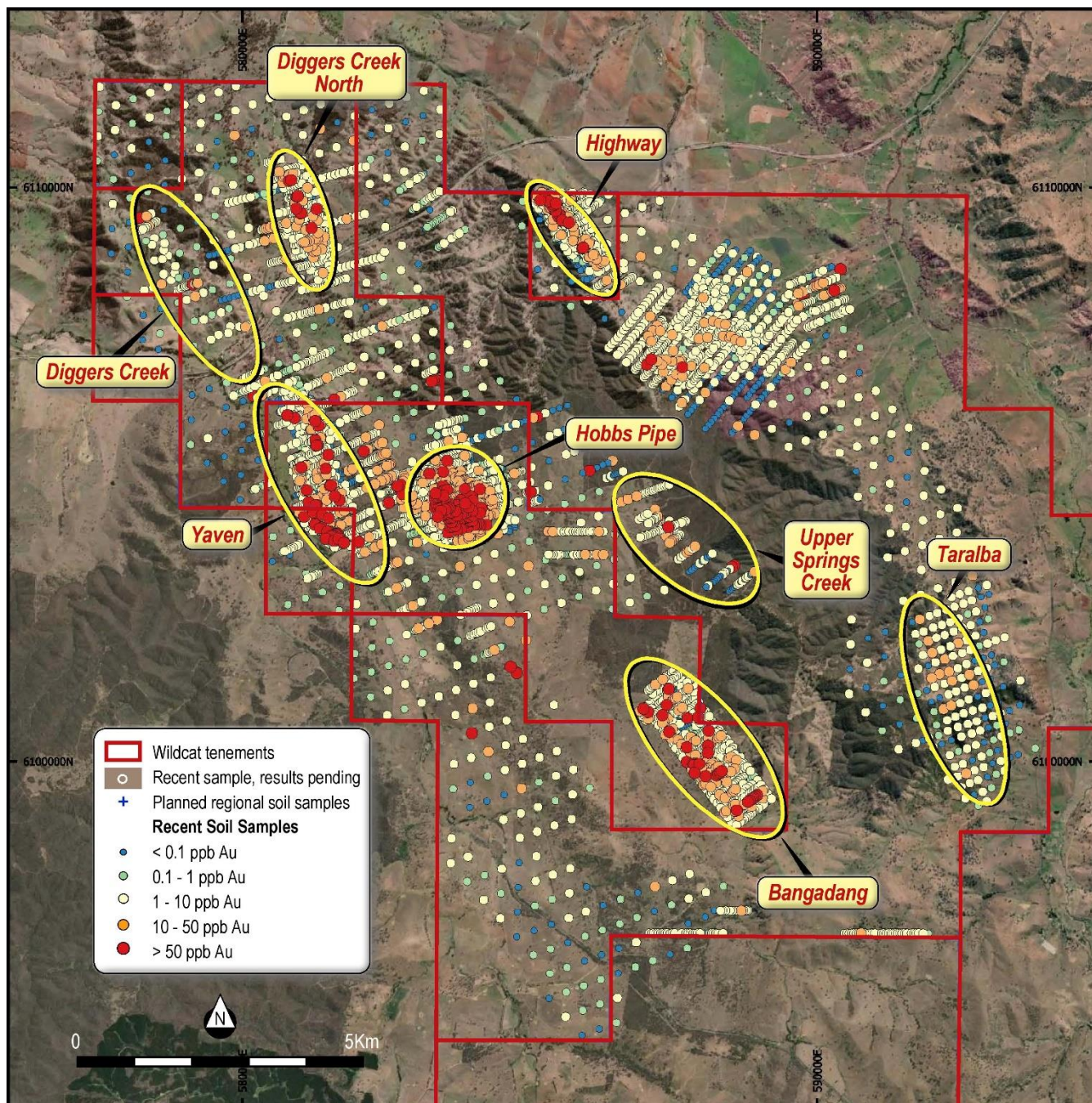


Figure 5 – Location of the soil sampling at Mt Adrah and priority targets

Wildcat has recently commenced a further program of soil sampling to infill and extend grids over priority soil anomalies (e.g. Upper Springs Creek) and also acquire additional data over newly identified geophysical targets.

Soil sampling has also commenced on the EL9063 tenement (Figure 6), which was granted in 2021.



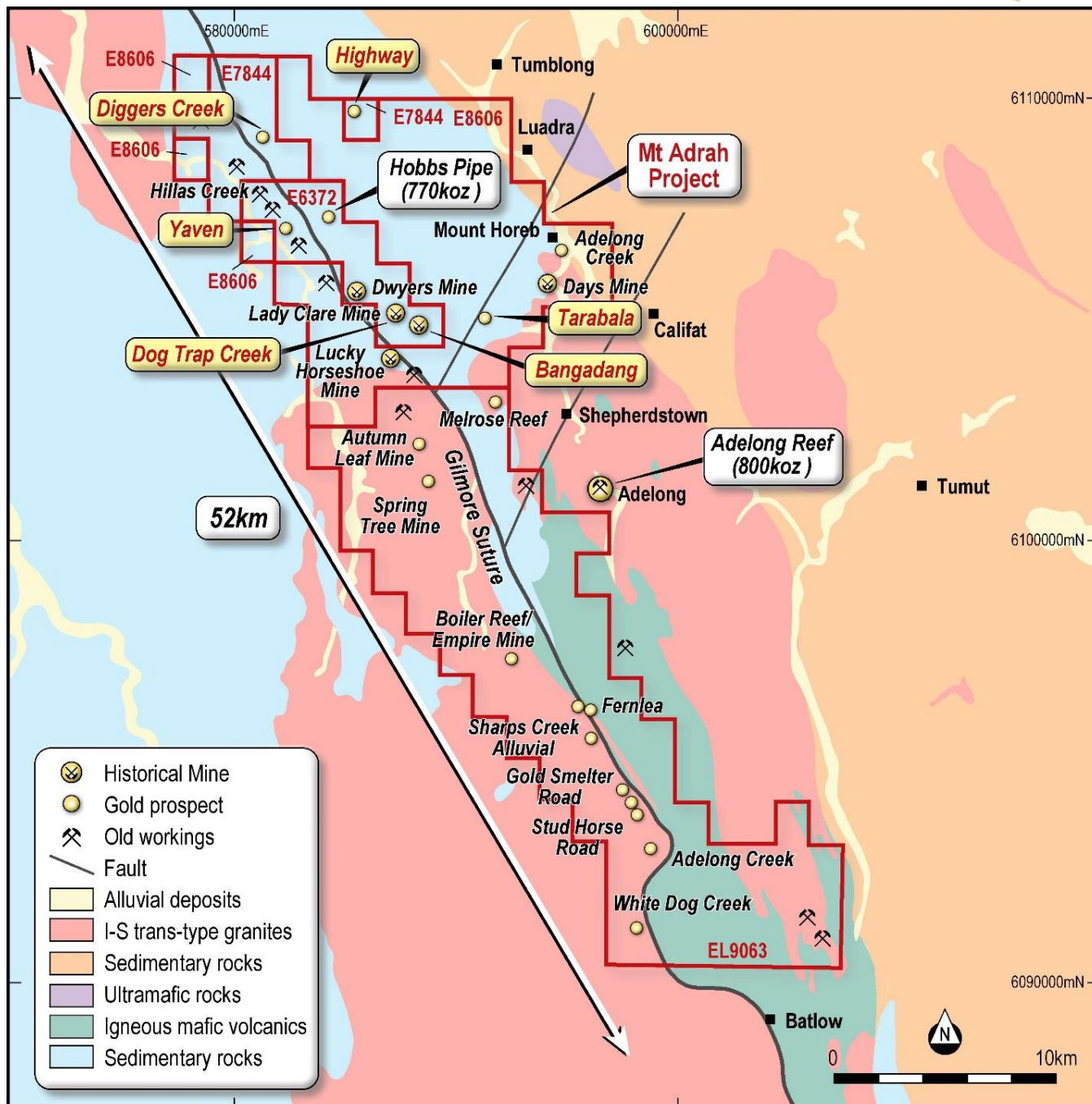


Figure 6 – Wildcat's Mt Adrah Project comprises 52km of prospective tenure along the Gilmore Suture in the Lachlan Fold Belt NSW

## Bolt Cutter East Lithium Project

Wildcat continues to await assays from fieldwork and soil sampling completed in March over the Bolt Cutter East lithium soil anomaly<sup>6</sup>. The results are expected later this month.

Bolt Cutter East is located approximately 34km along trend to the northeast of the Pilgangoora Lithium Project (309mt at 1.14%  $\text{Li}_2\text{O}$  and 105ppm  $\text{Ta}_2\text{O}_5$ )<sup>7</sup> and contains a 14km long lithium and trace element soil anomaly defined by 1,000m x 500m spaced soil samples. The trace element ratios confirm that the anomaly is associated with a fractionated and fertile pegmatite source<sup>4</sup>. A coherent 8km<sup>2</sup> zone containing Li values >50ppm occurs against the basin-forming Pilgangoora Fault within the larger 14km anomaly (Figure 7). Large beryl crystals up to 4cm in diameter (Figure 8) occur along a 1.3km long northwest trend through the >50ppm Li anomaly<sup>8</sup>. Wildcat is awaiting assays for 250m spaced infill soil samples over the 14km anomaly and rock chip samples from the 1.3km beryl trend.

<sup>6</sup> ASX announcement 28<sup>th</sup> March 2022: <https://www.investi.com.au/api/announcements/wc8/b044a96d-401.pdf>

<sup>7</sup> Pilbara Minerals Ltd ASX announcement 6<sup>th</sup> September 2021: <http://www.pilbaraminerals.com.au/site/PDF/248fb0ec-acb0-4026-87e8-d278ea3ab5dc/SignificantIncreaseinPilgangooraResource>

<sup>8</sup> ASX announcement 28<sup>th</sup> April 2022: <https://www.investi.com.au/api/announcements/wc8/863bac14-5eb.pdf>

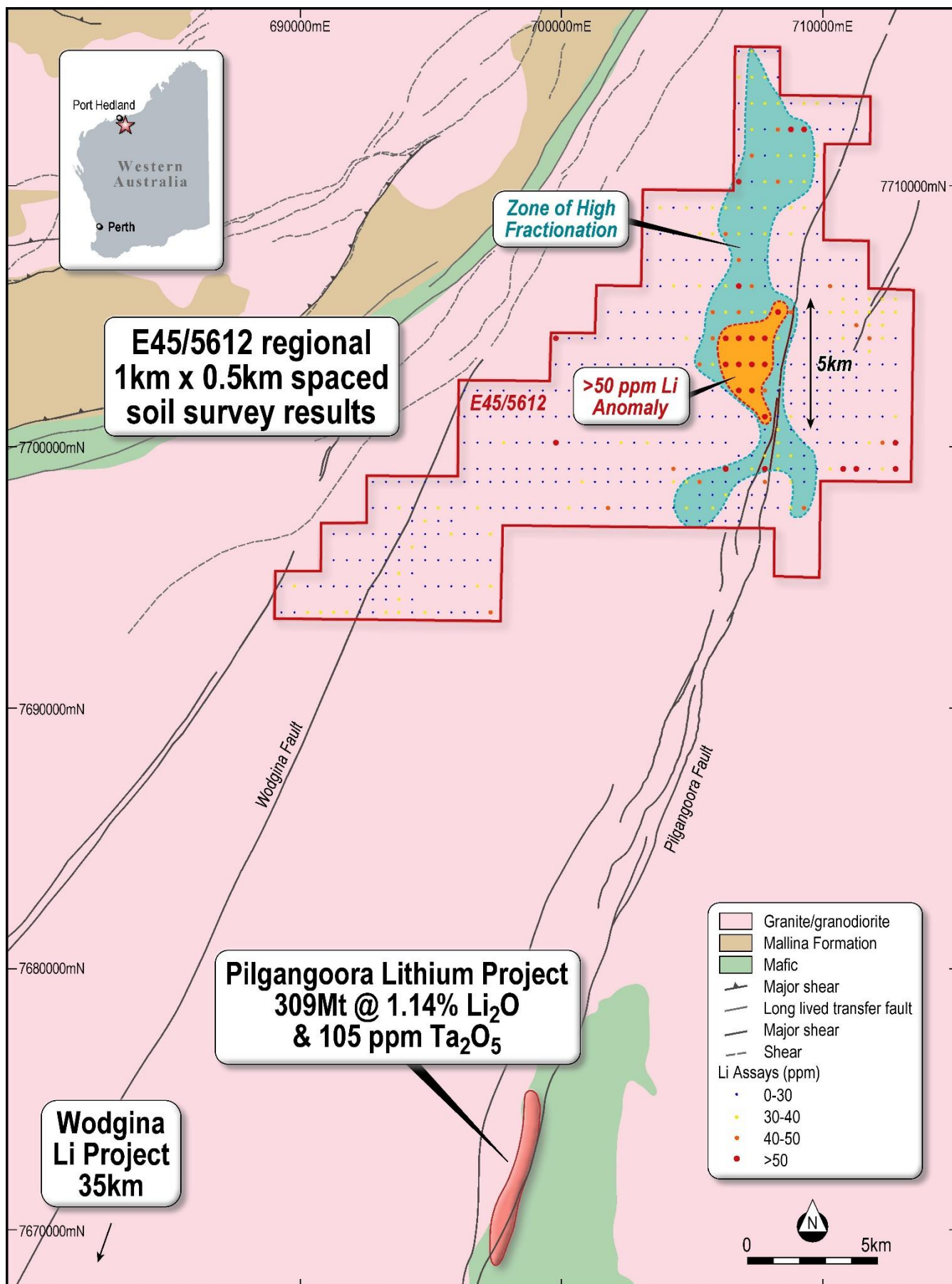


Figure 7 – Infill soil sample and rock chip assays from the lithium anomaly at Bolt Cutter are expected in June





Figure 8 – Specimens of beryl float and other minerals collected over a 1.3km trend within the 8km<sup>2</sup> >50ppm Li zone

### Bolt Cutter Project Tenement Update

Due to ongoing objections associated with a railway miscellaneous license preventing the grant of E45/5613, Wildcat has elected to re-peg the E45/5613 blocks via seven new tenement applications: E45/6204, E45/6203, E45/6202, E45/6205, E45/6200, E45/5806, and E45/6201 (Figure 9). Wildcat is managing these through a process to progress them to grant, with the tenements not affected by the miscellaneous rail lease expected to grant in FY23 Q1/Q2.

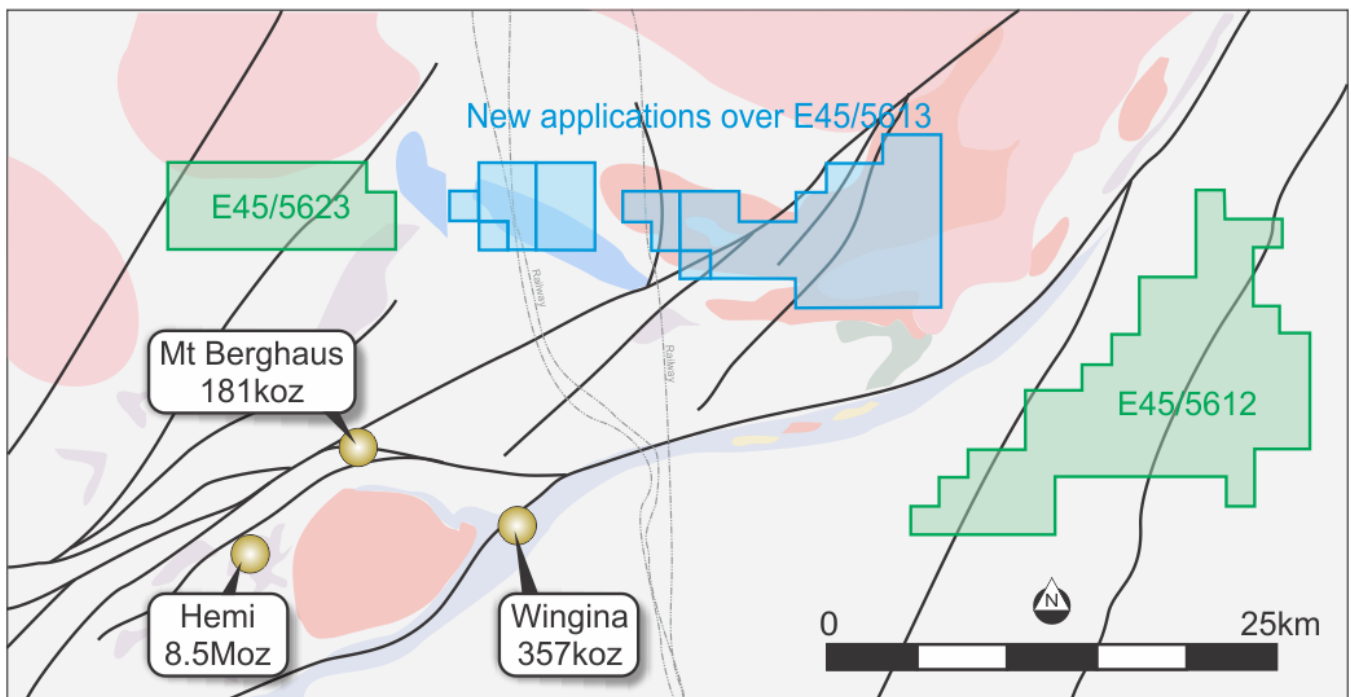


Figure 9 – Location of the new tenement applications over the E45/5613, the grant of which has been delayed by objections associated with a miscellaneous license over rail infrastructure

### Widefield Base Metal Project<sup>9</sup>

Exploration licences E09/2526 and E59/2553 in the Murchison region of Western Australia were granted on the 26<sup>th</sup> of May (Figure 10). Wildcat will commence field reconnaissance in FY23 Q1 to assess evidence for ultramafic intrusions and the potential for Ni-Cu-PGE mineralisation.

<sup>9</sup> ASX announcement 13 July 2021: <https://www.investi.com.au/api/announcements/wc8/24ff57aa-571.pdf>

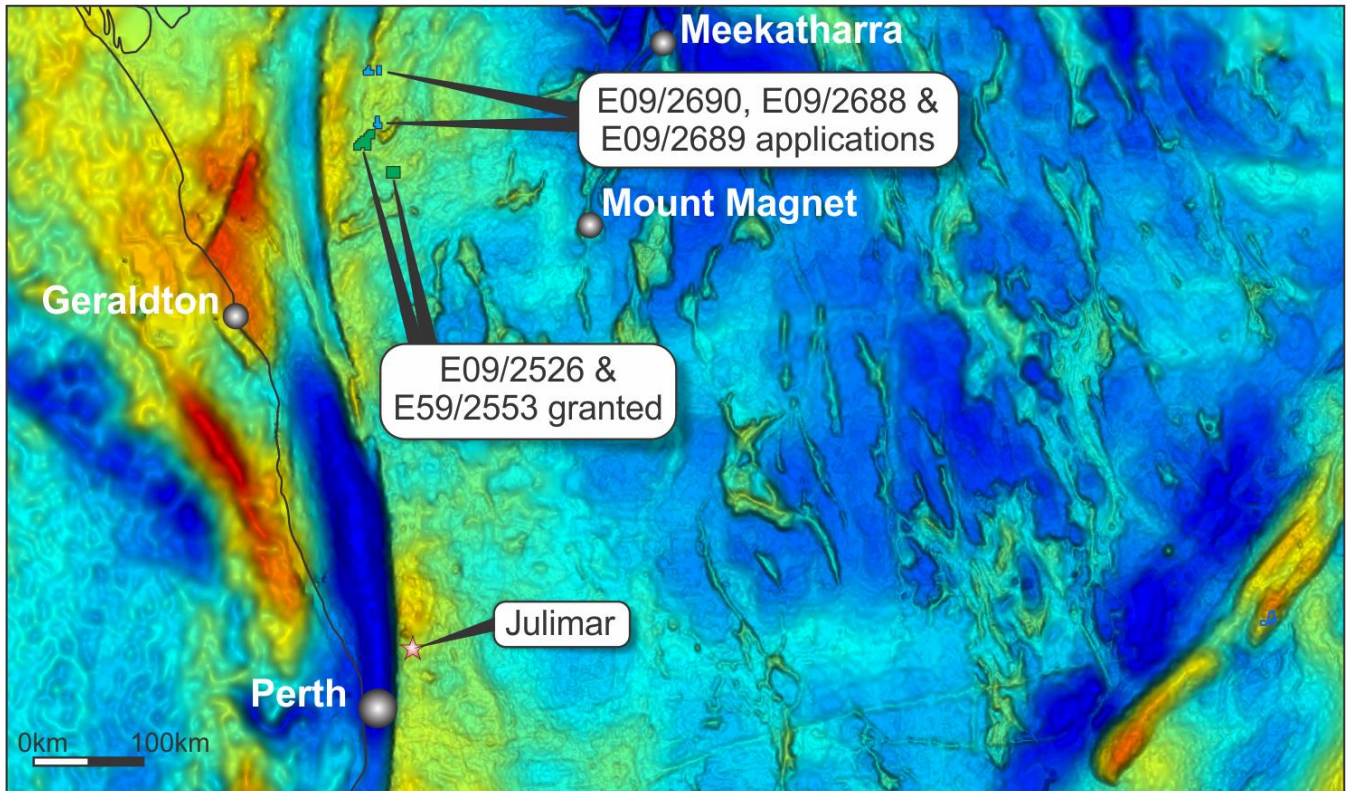


Figure 10 – Gravity image showing the location of recently granted E09/2526 and E59/2553 tenements at Widefield

## Next Steps

- Finalise the revised 3D model over the Hobbs Pipe area
- Complete additional sampling over priority targets at Mt Adrah
- Confirm targets, permitting and logistics for upcoming drilling at Mt Adrah
- Receive and evaluate the assay results for the Bolt Cutter Lithium Project
- First pass reconnaissance exploration at the Widefield Base Metal Project

- ENDS -

This announcement has been authorised by the Board of Directors of the Company.

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## Forward-Looking Statements

*This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Wildcat Resources Limited's planned exploration programme and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Wildcat Resources Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.*

## Competent Person's Statement

*The information in this report that relates to Exploration Results for the Bolt Cutter Project and Mt Adrah Project is based on, and fairly represents, information compiled by Mr Samuel Ekins, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (AusIMM). Mr Ekins is a fulltime employee of Wildcat Resources Limited. Mr Ekins 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 JORC Code. Mr Ekins consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

*No New Information or Data: This announcement contains references to exploration results, Mineral Resource estimates, Ore Reserve estimates, production targets and forecast financial information derived from the production targets, all of which have been cross-referenced to previous market announcements by the relevant Companies. Wildcat confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements. In the case of Mineral Resource estimates, Ore Reserve estimates, production targets and forecast financial information derived from the production targets, all material assumptions and technical parameters underpinning the estimates, production targets and forecast financial information derived from the production targets contained in the relevant market announcement continue to apply and have not materially changed in the knowledge of Revolver.*

*This document contains exploration results and historic exploration results as originally reported in fuller context in Wildcat Resources Limited ASX Announcements - as published on the Company's website. Wildcat confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements. In the case of Mineral Resource estimates, Ore Reserve estimates, production targets and forecast financial information derived from the production targets, all material assumptions and technical parameters underpinning the estimates, production targets and forecast financial information derived from the production targets contained in the relevant market announcement continue to apply and have not materially changed in the knowledge of Wildcat.*

## ABOUT MT ADRAH

Wildcat Resources Limited holds the Mount Adrah Gold Project ("**Mount Adrah**"), a highly prospective 520km<sup>2</sup> tenement package located within the well-endowed Lachlan Orogen region in NSW (Figure 4). The project includes the Hobbs Pipe gold deposit which has an existing JORC 2012 -compliant Mineral Resource estimate of 20.5Mt @ 1.1g/t Au for 770,000 oz of contained gold<sup>10</sup>.

In addition to Hobbs Pipe, several high-grade gold reef systems have been identified by historic artisanal workings and limited exploration drilling, including down-hole intercepts such as **10m @ 17.7 g/t Au from 506m** (GHD009) at the Castor Reef Prospect, about 200m north-east of Hobbs Pipe, and **1.2m @ 58.6 g/t Au from 624m** (GHD011) at the White Deer Reef Prospect, a further 150m to the north-east of the GHD009 intercept. The drill-hole intervals are interpreted to align with the artisanal workings. However, surface geochemistry and drilling have not yet tested the near-surface potential of these targets.

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<sup>10</sup> Refer to ASX Announcement 23<sup>rd</sup> Aug 2019 "Fraser Range Metals to Acquire Mount Adrah Gold Project" - <https://www.asx.com.au/asxpdf/20190823/pdf/447s52fxbdmrfc.pdf>



Several quartz vein reef-style targets were identified as targets of interest in a study by prior owners in 2016. Results on the follow-up work done on some of these targets have been promising to date. Outside of the immediate Hobbs Pipe area, the project has had little exploration activity since the 1990's, with several areas of surface gold anomalies yet to be followed up with drilling.

#### ABOUT BOLT CUTTER

Wildcat Resources Limited strategically applied for tenements within the Mallina Basin in the Pilbara WA, on the Berghaus Shear, and up-strike from the 8.5Moz Hemi gold deposit<sup>11</sup> by De Grey Mining (ASX: DEG) in February 2020. In 2021 E45/5623 and E45/5612 were granted. E45/5612 is located along a structural trend to the northeast of the Wodgina and Pilgangoora lithium projects. Wildcat continues to progress its replacement applications (E45/6204, E45/6203, E45/6202, E45/6205, E45/6200, E45/5806, and E45/6201) which overly the now withdrawn application E45/5613 through the grant process.

#### ABOUT WIDFIELD

Wildcat Resources Limited holds 285km<sup>2</sup> of granted tenements (E09/2526 and E59/2553) and 105km<sup>2</sup> of application tenements (E09/2690, E09/2688 and E09/2689) and over the Widefield Base Metal Project ("Widefield") on the western margin of the Yilgarn Craton. The terrane is considered prospective for layered mafic intrusions with the potential to host magmatic sulphide mineralisation, a favourable host for Ni-Cu-PGE mineralisation.

#### Appendix 1a

Rock chip location data

Sample ID	Sample Type	MGA Easting (m)	MGA Northing (m)	Elevation (AHD)
MASS001	Rock chip	584,131	6,104,168	320m
MASS002	Rock chip	584,165	6,104,150	320m

<sup>11</sup> Refer to ASX announcement 22<sup>nd</sup> May 2022: <https://degreymining.com.au/wp-content/uploads/2022/05/20220531-ASX-DEG-Mallina-Gold-Project-Resource-Statement-2022-lodgement.pdf>