

# ASX ANNOUNCEMENT

29 July 2022

## BOARD AND MANAGEMENT

MR LINDSAY DUDFIELD  
NON-EXECUTIVE CHAIRMAN

MR JAMES WILSON  
CHIEF EXECUTIVE OFFICER

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NON-EXECUTIVE DIRECTOR

MR ANTHONY HO  
NON-EXECUTIVE DIRECTOR

MS CARLY TERZANIDIS  
COMPANY SECRETARY

## QUARTERLY ACTIVITIES REPORT

For the period ending 30 June 2022

### Highlights

#### KARONIE PROJECT (WA) – Gold / Lithium

- Large coherent lithium and pathfinder anomalism identified. Multi-element signatures are consistent with lithium mineralisation associated with LCT Pegmatites.
- Mapping has identified prospective pegmatites over an initial 7.3km x 1.5km zone.
- Project wide regional spaced soil geochemical sampling completed along the >50km long lithium prospective “Goldilocks” trend.
- Detailed mapping and sampling on high priority lithium targets completed.
- Gold exploration drilling at Gilmore, Karonie East and KZ5 completed.
- Priority lithium target areas currently being assessed for potential drill programs and further infill soil sampling.
- Assays pending for 2,264 soil samples.

#### MELROSE AND YELLOW MOUNTAIN (NSW) – Gold / Base Metals

- Land Access Agreements continue to be advanced on Melrose, Overflow and Yellow Mountain.

#### BRYAH BASIN PROJECT (WA) – Gold / Base Metals

##### Sandfire Resources JV (ALY 20%):

- Sandfire completed a basin wide study over the JV tenure, including 3-D basin scale modelling and the engagement of geochemical and structural geologists, with Sandfire geologists now reviewing the data.

##### Superior Gold JV (ALY 20%):

- Diamond drilling completed at Central Bore and Seaborg.
- Commencement of geotechnical drilling at Central Bore.
- Heritage surveys commenced to clear potential mining area footprint.

#### CORPORATE

- Alchemy had \$2.008m cash at hand at 30 June 2022. Exploration and evaluation expenditure for the reporting period was \$431,000.

**Alchemy Resources Limited**

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## PROJECTS

LAKE REBECCA (ALY 100%)

KARONIE (ALY 100%)

LACHLAN (ALY 80%)

WEST LYNN (ALY 80%)

BRYAH BASIN (ALY 20%, TSX-V SGI 80%)

BRYAH BASIN (ALY 20%, SFR 80%)

At the 100% owned Karonie Gold-Lithium Project in Western Australia, work focussed on detailed mapping of the recently discovered pegmatite bodies at the Cherry, Hickory and Pecan prospects. Encouraging lithium and indicator element soil anomalies consistent with lithium-caesium-tantalum (“LCT”) pegmatite mineralisation were outlined at Karonie in April 2022, with anomalies extending over an area of 7.3km x 1.5km at Pecan, Mesquite, Hickory and Cherry<sup>1</sup>. Additional prospectivity was identified along Alchemy’s tenure adjacent to the granite contact zone which extends for >50km to the south.

The lithium focussed program had several objectives including: i) mapping pegmatite bodies, ii) documenting zonation within the pegmatites to identify the most prospective zones, iii) obtaining additional surface rock-chip samples, and iv) detailed soil sampling. All programs have been completed and results are awaited.

Alchemy’s Karonie tenure covers over 50km of strike extent along the contact zone of a regional granite. This area sits within a prospective “Goldilocks Zone”, a defined corridor in which LCT pegmatites exist. This zone lies outboard of the granitic terrain and within the greenstone belts and is largely untested for battery minerals, and in many cases for gold. Alchemy designed a project wide 400m x 400m spaced soil sampling program to explore for indications of potential LCT pegmatite mineralisation. The soil sampling involved the collection of 1,471 samples and was completed in late June 2022. Samples have been submitted to the laboratory and results are pending.

RC drilling was completed in mid-June 2022 at the Karonie East, KZ5 and Gilmore prospects. In total, the drill program comprised 18 RC holes for 2,412m of drilling. Holes were designed to test a number of prominent structural and magnetic features which Alchemy believes are key controls on mineralisation. Zones of mineralisation were intercepted with encouraging geology, and with broad but low-grade intercepts recorded. At Karonie East, no significant assays were returned below the saprolite intercepts recorded in the previous program, with the primary bedrock source yet to be observed. At Gilmore, low grade anomalism was intersected in holes GMRC001 and GMRC005. At KZ5, a zone of sulphides was intersected coincident with the down hole position of the interpreted EM conductor in hole KZRC110; this zone returned an intercept of 6m @ 0.2g/t Au from 155m.

Alchemy’s New South Wales projects advanced with the completion of the Heritage Surveys at the Yellow Mountain Mine prospect. Reports have been submitted for review by the local Aboriginal Land Councils as part of the process to progress the access agreements. No sites of significance were recorded around the mine workings.

At the Bryah Basin Project Joint Venture Sandfire Resources (ASX: SFR) completed 3-D basin scale modelling and the engagement of geochemical and structural geologists, with Sandfire geologists now reviewing the data. No field work was undertaken.

The Superior Gold (TSX-V: SGI) JV continued with work related to the permitting and advancement of the Wilgeena Project. Diamond drilling was completed at Central Bore and Seaborg for a total of seven holes for 1,191.5m, whilst drilling at Pelorus was suspended due to rain. Heritage surveys were commenced to clear areas around Central Bore and Seaborg for a potential mining and haul road footprint, and geotechnical drilling commenced at Central Bore and Wilgeena and is due for completion in Q3CY2022.

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<sup>1</sup> Refer ALY announcement 22 April 2022

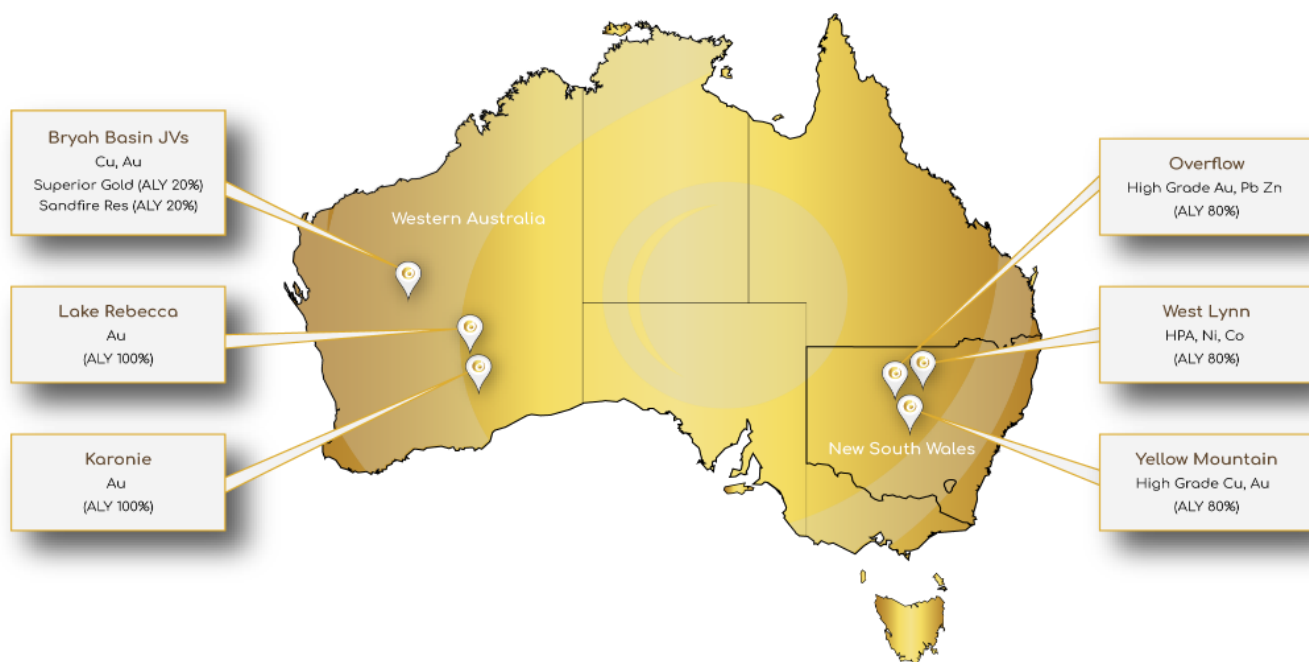


Figure 1: Alchemy Resources Project Location Plan

### Karonie Project (WA) (Alchemy 100%)

The Karonie Project includes 12 exploration licences and two licence applications covering 1,179km<sup>2</sup> of highly prospective mineralised structures within Kurnalpi Terrain greenstones 100km east of Kalgoorlie (Figure 2). The tenements are located along strike of Silver Lake Resources' (ASX: SLR, "Silver Lake") Aldiss Mining Centre (reserves/resources of over 595,000oz @ 2.0g/t Au)<sup>2</sup>, and are within 50km of Silver Lake's Randalls processing plant, and cover 38km of the under-explored, gold endowed Claypan Shear Zone commencing just 12km along strike to the south of Breaker Resources (ASX: BRB) Bombora deposit (resource of 1.7Moz @ 1.6g/t Au)<sup>3</sup>. Alchemy announced a maiden Resource for the KZ5, Taupo and Parmelia prospects of 111koz in August 2021<sup>4</sup>.

<sup>2</sup> Refer to SLR ASX announcement dated 15 September 2021

<sup>3</sup> Refer to BRB ASX announcement dated 20 December 2021

<sup>4</sup> Refer to ALY ASX announcement dated 31 August 2021



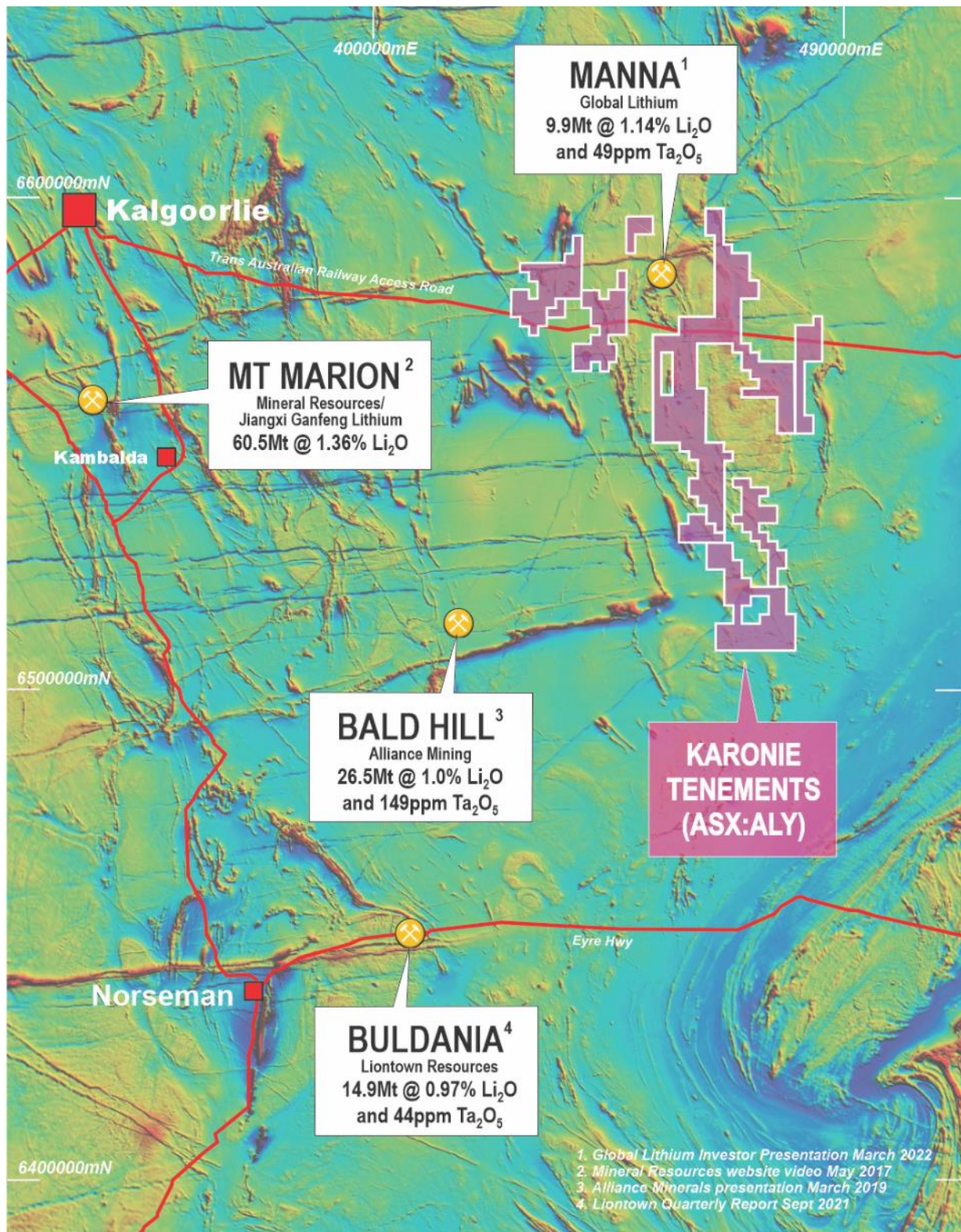


Figure 2: ALY Karonie Project tenements, prospects and interpreted major structures



## KARONIE PROJECT LITHIUM EXPLORATION (WA ALY 100%)

Alchemy reviewed existing multi-element soil sampling at Pecan/Mesquite/Hickory/Cherry on a 400 x 400m offset grid (Figure 3, RHS) and formed part of a multi-commodity review. Analysis of lithium and pathfinder elements shows a strong pattern of anomalism over 7.3km long x 1.5km wide with the northern zone having increasing levels of surface cover which could have obscured outcrops. Alchemy's KZ5 deposit<sup>4</sup> located in the southern portion and adjacent to the Cherry Prospect is a gold deposit which is believed to be VMS hosted mineralisation. Prior exploration had focussed dominantly on gold and the areas of lithium soil anomalism to the east of the KZ5 gold deposit have never been drill-tested.

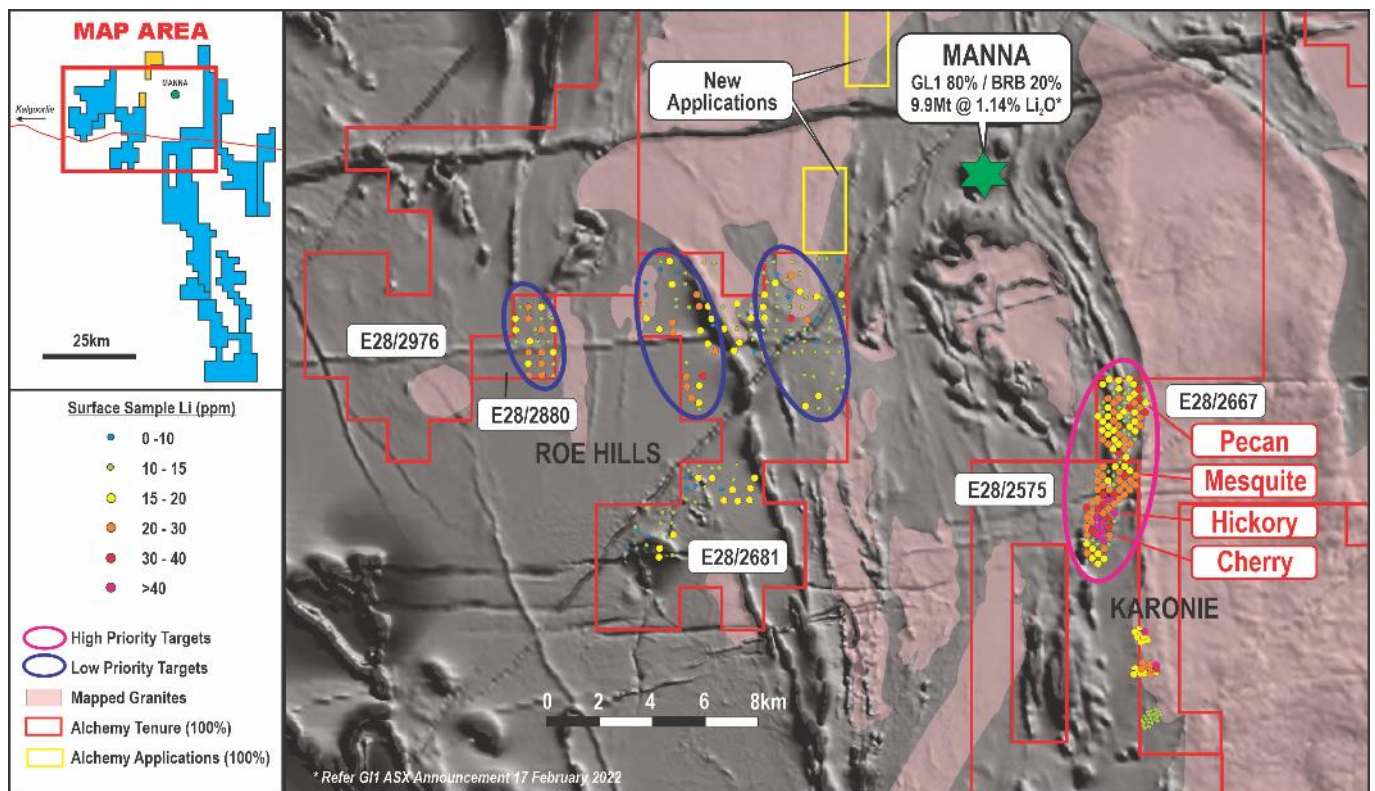


Figure 3: ALY tenements location showing GSWA mapped granites and Lithium soil geochemistry results

## CHERRY/HICKORY/PECAN LITHIUM MAPPING / SOIL SAMPLING

Detailed mapping and rock-chip sampling have been completed at the Cherry/Hickory/Mesquite/Pecan prospects. The program had several objectives including: i) mapping additional pegmatite bodies, ii) identifying zonation within the pegmatites to identify the most prospective zones, iii) obtaining additional surface rock-chip samples, and iv) infilling the existing soil geochemistry on a 100m x 40m pattern. The mapping identified numerous additional pegmatites with the overall mapped dimensions of the zone increasing to 7.3km x 1.5km.

**Mapping:** Further ground truthing of the lithium anomalies has revealed additional outcropping pegmatites at Cherry and Hickory (Figure 4). Numerous additional outcrops have been mapped with a combined strike extent of >1.4km. A broad zonation has been recognised, trending from outer zones of high rubidium anomalism in proximity to the Cherry Prospect, to tantalum rich (and lower rubidium) zones at Hickory. In particular, the strongest zones of tantalum mineralisation (122ppm Ta) occur at the northern end of mapped pegmatites at Hickory where these trend under cover. Field photographs of outcrops taken in a mapping program subsequent to the end of the quarter are shown in Figure 5<sup>5</sup>.

<sup>5</sup> Refer to ALY ASX announcement dated 5 July 2022

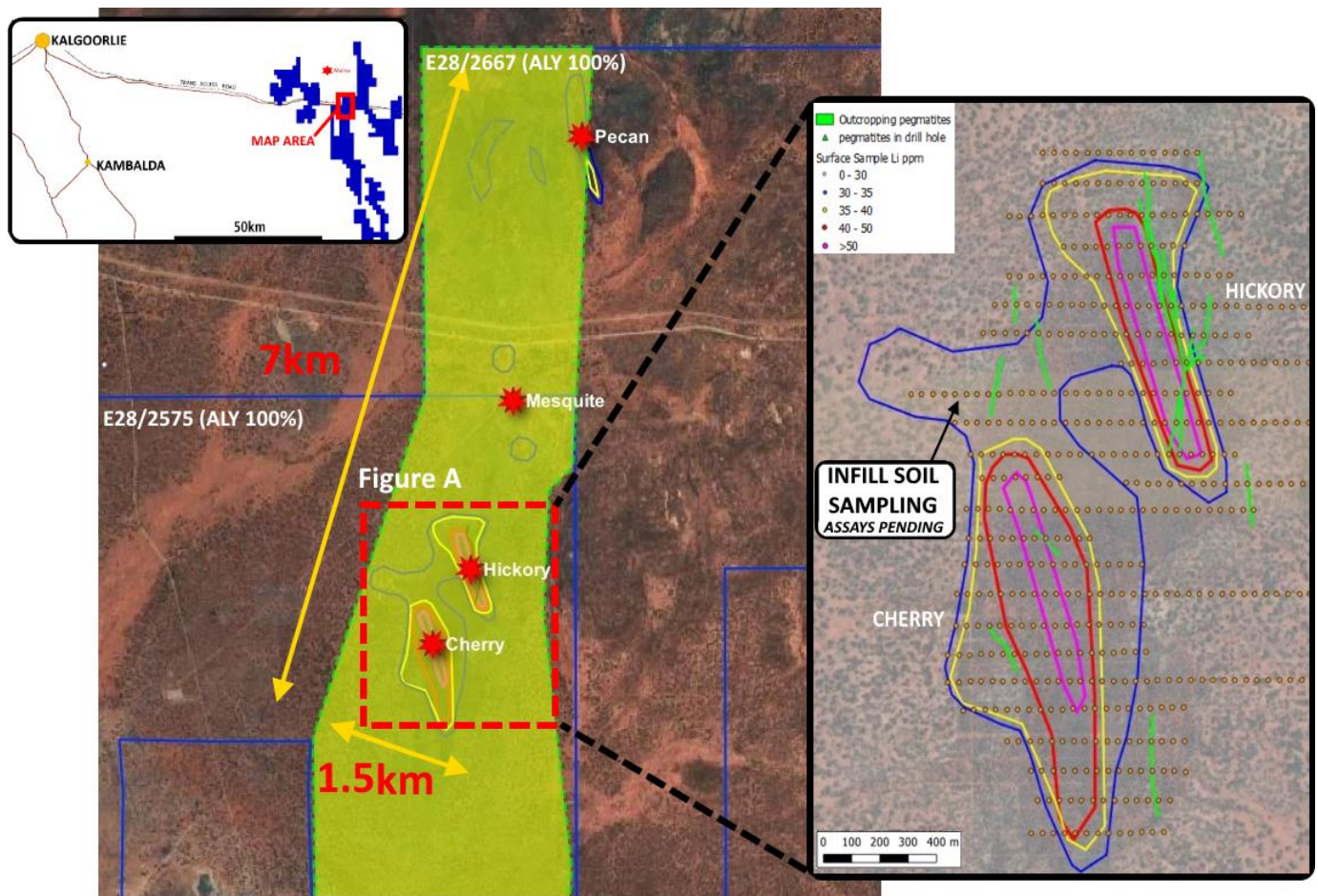


Figure 4: Cherry-Hickory Prospect with infill soil sampling and mapped pegmatites

**Infill soil sampling and rock-chip sampling:** Infill soil sampling and rock chip sampling programs were completed in late June 2022 over the Cherry-Hickory and Pecan Prospects, with a total of 793 soil samples and 68 rock chip samples submitted for multi-element analysis. Results have been received subsequent to the end of the June quarter and contained in the ASX release dated 29 July 2022.

A selection of outcrop photos is shown in Figure 5. A key highlight is the typical “UST” (Unidirectional Solidification Texture) shown in Photographs #1 and #2 where the growth of crystals occurs perpendicular to the dyke walls.





*Figure 5: Field photographs of Pegmatite outcrops at Cherry and Hickory*

## **PROJECT WIDE REGIONAL LITHIUM SOIL SAMPLING**

Alchemy has previously completed a desktop study and generated additional lithium targets in the broader Karonie regional area. Alchemy's Karonie tenure covers over 50km of strike extent along the contact zone of a regional granite. These areas sit within a prospective "Goldilocks Zone", a defined corridor in which LCT pegmatites exist. This zone lies outboard of the granitic terrain and within the greenstone belts and is largely untested for battery minerals and in many cases for gold (Figure 6). Alchemy designed a project wide 400m x 400m spaced soil sampling program to explore for indications of potential LCT pegmatite mineralisation. The soil sampling involved the collection of 1,471 samples and was completed in late June 2022. Samples were submitted to the laboratory, with results received subsequent to the end of the quarter and contained in Alchemy's announcement dated 29 July 2022.



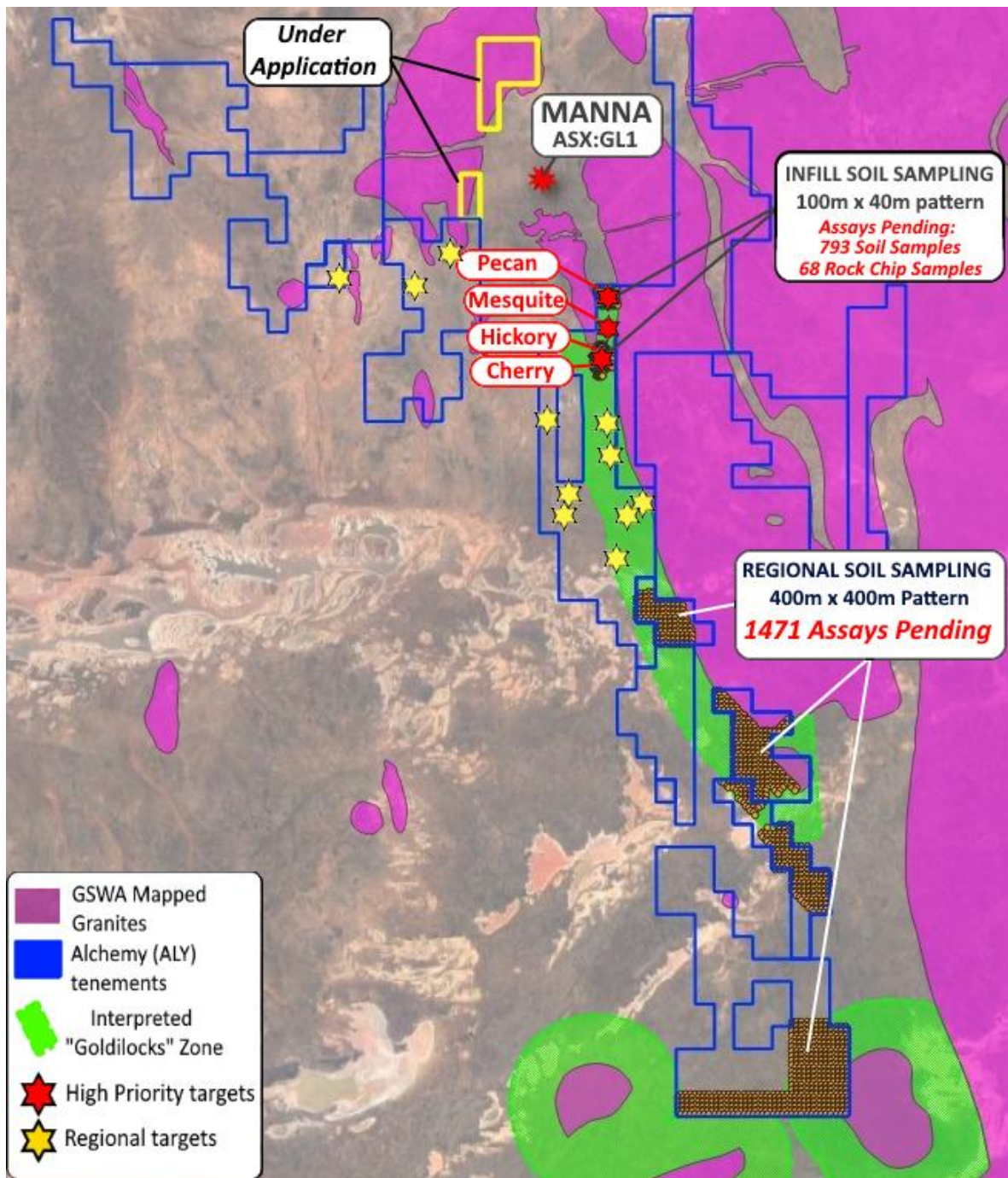


Figure 6: ALY Lithium prospects with GSWA mapped granite bodies



## KARONIE PROJECT GOLD EXPLORATION (WA ALY 100%)

### PHASE 3 RC DRILL PROGRAM

RC drilling was completed in mid-June 2022 at the Karonie East, KZ5 and Gilmore prospects. In total the drill program comprised 18 RC holes for 2,412m of drilling. Holes were designed to test several prominent structural and magnetic features which Alchemy believes are key controls on mineralisation.

#### KZ5

A single deep RC hole (KZRC110) was completed at KZ5 to test a historically defined electro-magnetic (“EM”) plate to the north of the existing defined resources. In mid-2021 Alchemy completed a drill campaign which was used to complete a maiden JORC compliant resource<sup>4</sup>. As a result of the infill drilling and resource modelling, a re-interpretation of the mineralisation envelope suggested that mineralisation was offset to the north-west. This offset zone aligns with an EM Plate, which was generated via a Moving Loop and Fixed Loop EM survey conducted in 1991<sup>6</sup>, and was interpreted to represent a northern extension to the KZ5 mineralisation. Hole KZRC110 intersected KZ5 style massive sulphide mineralisation from 155m-161m downhole, returning 6m @ 0.2g/t Au<sup>7</sup> and confirming that the mineralised structure does continue to the north of the current resource at KZ5.

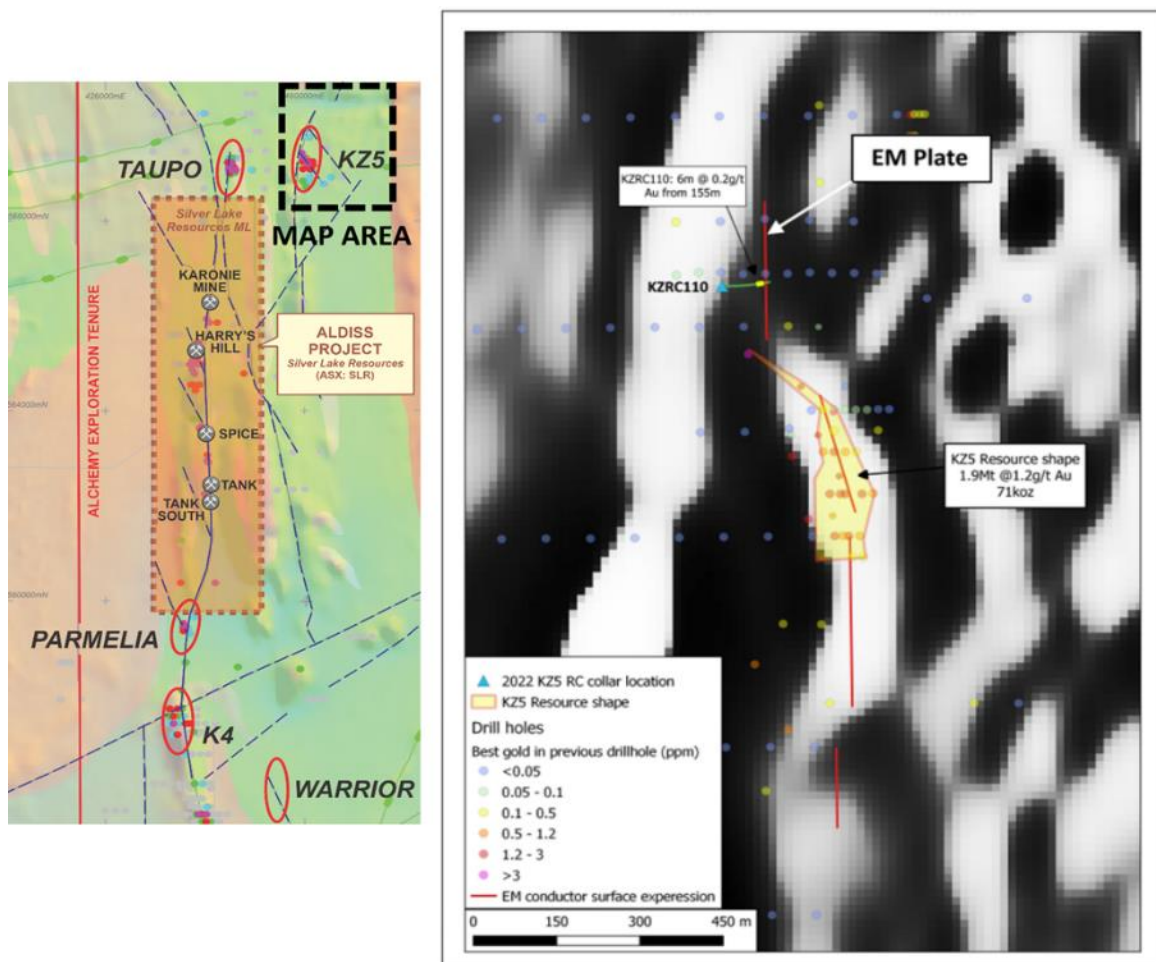


Figure 7: KZ5 RC drilling showing historic EM conductor and existing mineralisation envelopes

<sup>6</sup> Refer WAMEX Report A103351 Silver Lake Resources surrender report Aldiss Project

<sup>7</sup> Refer to ALY ASX announcement dated 29 July 2022

## GILMORE

Gilmore is part of an EIS co-funded drill program which consists of the Gilmore and Western Brown targets (Western Brown is due to be drilled as part of the Phase 4 drill program in Q4CY2022). The Gilmore target is defined by a northeast trending fault corridor which disrupts a highly magnetic and fractionated dolerite package. The target area has seen little effective drilling, with most of the historic RAB drilling at Gilmore not being able to penetrate through the transported cover to basement geology. Alchemy has secured EIS Co-Funding for this target, which is seen as additional technical validation of its potential to host new discoveries in the region. Alchemy acknowledges the significant support from the Department of Mines, Industry Regulation and Safety ("DMIRS").

Eleven (11) RC holes were drilled at the Gilmore prospect. Deep transported cover was intercepted, which increased to the south (up to 70m thick). Low grade gold anomalism was intercepted in the northern area of the prospect in holes GMRC001 and GMRC005, where the dolerite is disrupted by a north-east striking shear zone. Alchemy believes the shear zone is a controlling structure for mineralisation in the area. The area is geologically complex with significant alteration and sulphidation observed, confirming that Gilmore is a highly active hydrothermal system. Geological interpretation is underway to understand the Gilmore area and review gold prospectivity. Best results included GMRC001: 4m @ 0.35g/t Au from 108m and GMRC005: 4m @ 0.35g/t Au from 108m<sup>8</sup>.

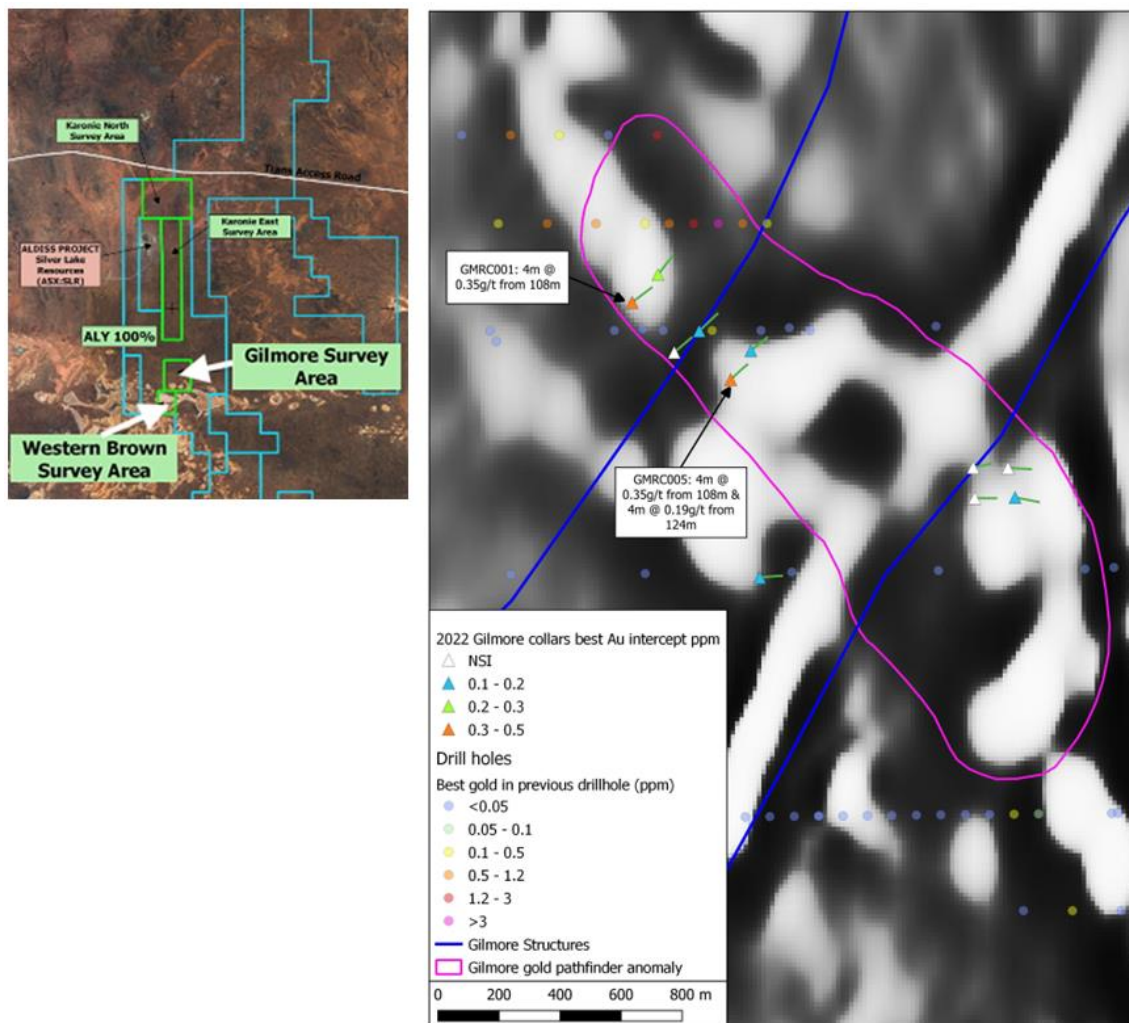


Figure 8: Gilmore RC drilling drapped on aeromagnetics image with pathfinder anomalies (pink) and interpreted structures (blue)

<sup>8</sup>Refer to ALY ASX announcement dated 29 July 2022



## KARONIE EAST

Holes in this area were designed to test a magnetic feature which runs along the northern zone over a 2km strike length. A north-east trending structural dislocation occurs in the area (Figure 9), which Alchemy believes could be a key control on mineralisation in the region. Assays from the recent aircore drill program returned numerous zones of anomalous gold ( $>0.1\text{g/t Au}$ ) over a strike length of approximately 950m, with a best intercept of 2m @ 2.7g/t Au (48m) in KEAC009, including 1m @ 3.99g/t Au from 48m logged in saprolite<sup>7</sup>. RC drilling was designed to test the mineralisation in bedrock, both below these intercepts and along strike from this zone.

Four first pass RC holes were drilled at the Karonie East prospect during the period, with no significant intercepts reported. The Company will carefully review all available data, including the orientation of bedrock structures, before undertaking any further drilling at Karonie East.

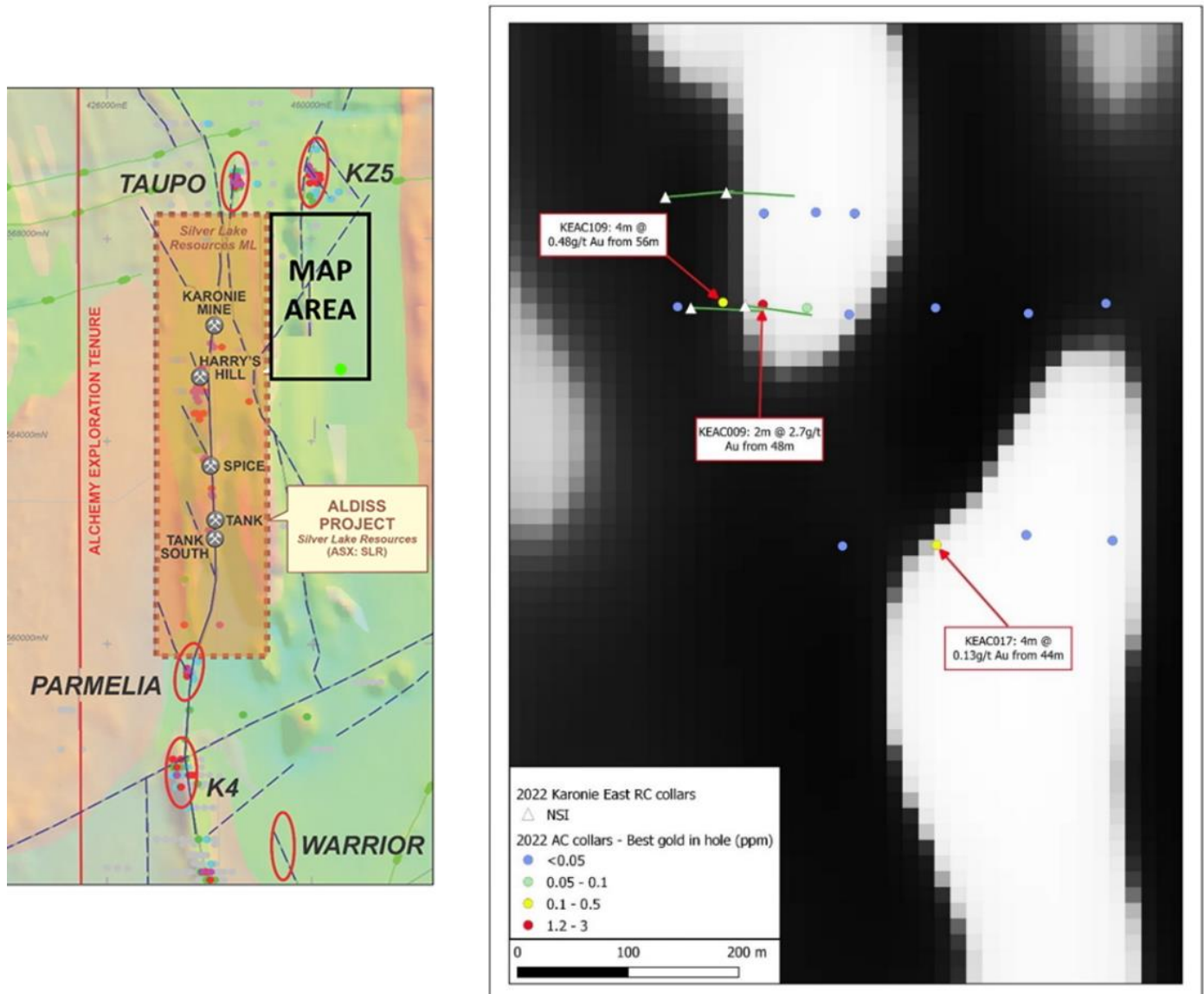


Figure 9: Karonie East RC and Aircore drilling draped on aeromagnetics

## CHALLENGER

Two RC pre-collars were drilled to fresh rock at Challenger to prepare for diamond drilling. CHDD001 intercepted 4m @ 0.26g/t (from 24m) and 4m @ 0.15g/t (from 24m) in the oxide profile, consistent with supergene enrichment seen at Challenger in previous drilling. Diamond drilling is planned to gain structural information on gold mineralisation controls in the high-Fe quartz dolerite sill host rock. Intercepts up to 10m at 1.46 g/t (from 128m) in ISRC103511<sup>9</sup>, which was drilled to the south-west, which is thought to have failed to adequately test the south-west dipping fold limb at Challenger.

## LAKE REBECCA PROJECT (WA ALY 100%)

The newly formed Lake Rebecca Project includes 11 highly prospective exploration licence applications covering 562km<sup>2</sup> of prospective greenstones, internal granites and known gold bearing structures to the southeast of Northern Star Resources' (ASX: NST) 4.3Moz Carosue Dam gold deposit<sup>10</sup>, along strike to the north of BRB's 1.7Moz Bombora gold deposit<sup>11</sup> and immediately west of Ramelius Resources' (ASX: RMS) Rebecca, Duchess and Duke deposits in the Eastern Goldfields, Western Australia (Figure 10).

Land access agreements continued to be progressed during the quarter.

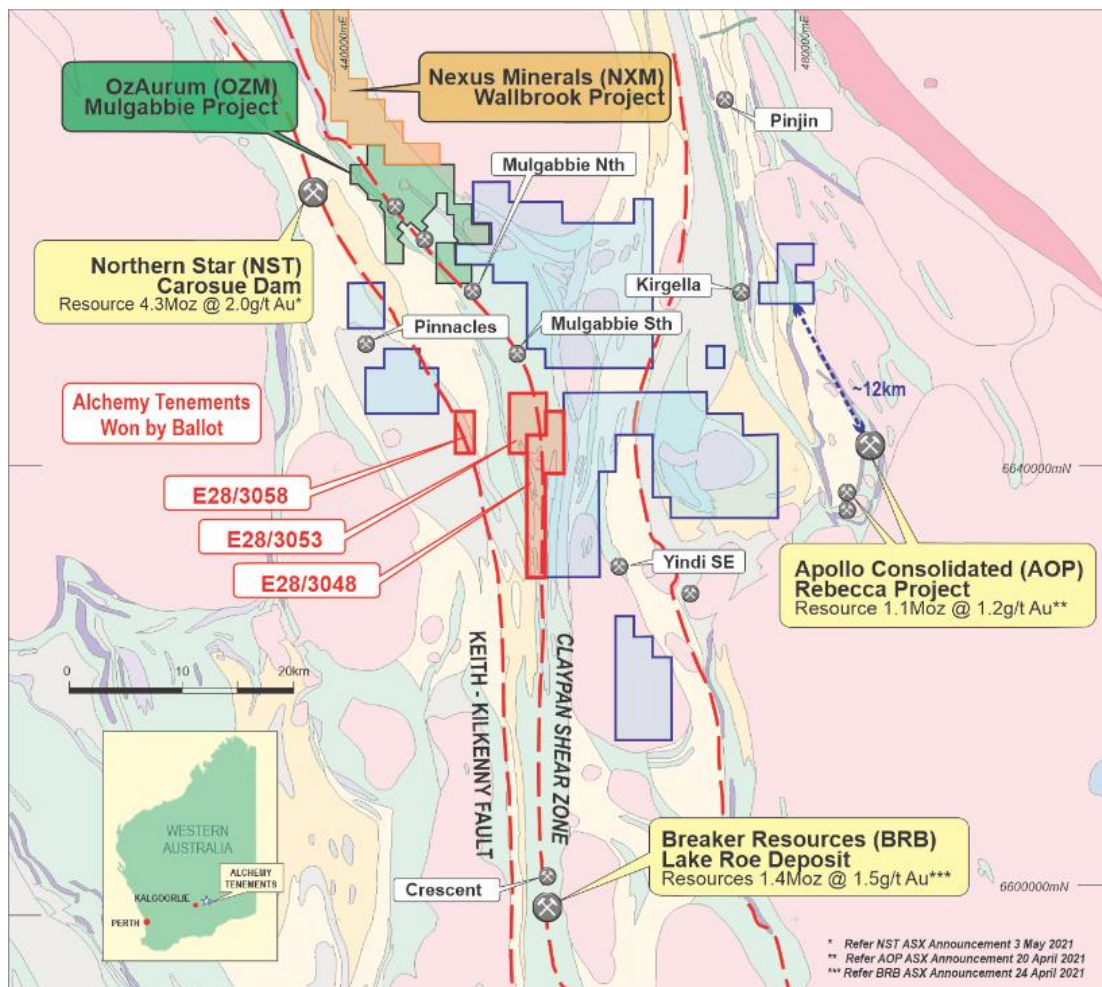


Figure 10: Lake Rebecca tenements (under application in blue) and recent tenements won by ballot (in red)

<sup>9</sup> Reported by St Ives Gold Mining Company Pty Ltd – WAMEX Combined Annual Report C63/2000 5 December 2021

<sup>10</sup> Refer to Northern Star Resources ASX announcement dated 3 May 2021

<sup>11</sup> Refer to BRB ASX announcement dated 20 December 2021



## LACHLAN / COBAR BASIN PROJECTS (NSW ALY 80%)

The Lachlan Projects cover an area of 674km<sup>2</sup> of the Central Lachlan Orogen in New South Wales and comprise three project areas prospective for Cobar-style epithermal gold and base metals and copper-gold porphyry mineralisation. The Lachlan / Cobar Basin Projects consist of the Overflow Gold-Base Metal Project, the Yellow Mountain Copper-Gold Project, the West Lynn Nickel-Cobalt-Alumina Project and the Eurow Copper-Gold Project, each containing multiple drill ready gold and/or base metal and/or nickel-cobalt targets. The projects form part of a farm-in and JV with Develop Global (ASX: DVP).

During the quarter Heron Resources Limited (Alchemy's JV partner) was acquired by DVP, pursuant to the terms of a deed of company arrangement ("DOCA") which was announced on 17 February 2022<sup>12</sup>. The acquisition was completed in May 2022.

### YELLOW MOUNTAIN MINE PROSPECT (EL8356)

No field work was conducted at Yellow Mountain during the quarter. The final heritage survey report was approved by the Condobolin Local Aboriginal Lands Council. Land Access Agreements continue to be progressed with additional meetings with the applicants due in the September 2022 quarter.

The Yellow Mountain Project is an important strategic landholding for Alchemy with a contiguous land position along strike from the Mineral Hill Mine, recently acquired by Kingston Resources (ASX: KSN).

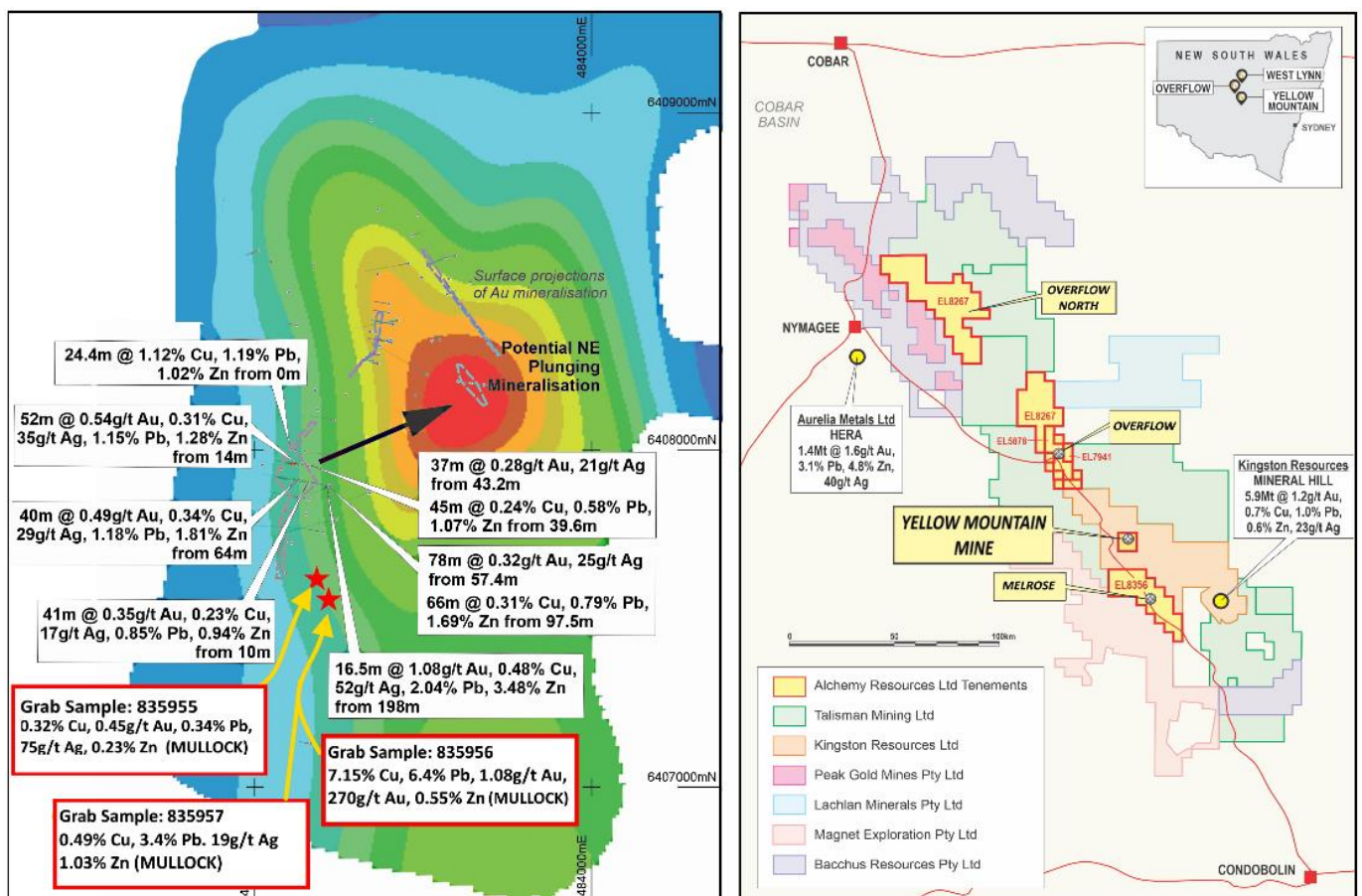


Figure 11: Yellow Mountain Mine Prospect location maps

<sup>12</sup> Refer to Alchemy Resources ASX Announcement 18 February 2022

## BRYAH BASIN PROJECT (WA ALY 20%)

### BASE METALS EXPLORATION (Sandfire 70-80%)

Sandfire has earned an 80% interest in Alchemy's 100% owned tenements and a 70% interest in the tenements jointly owned by Alchemy and Jackson Minerals Pty Ltd (a wholly owned subsidiary of CuFe Ltd (ASX: CUF) (Figure 12). Alchemy remains free-carried on further exploration to completion of a Pre-Feasibility Study, and then carried on an interest-free deferred basis for a further \$5M of Definitive Feasibility Study expenditure, with the deferred amount to be repaid from 50% of Alchemy's share of free cash flow earned through production.

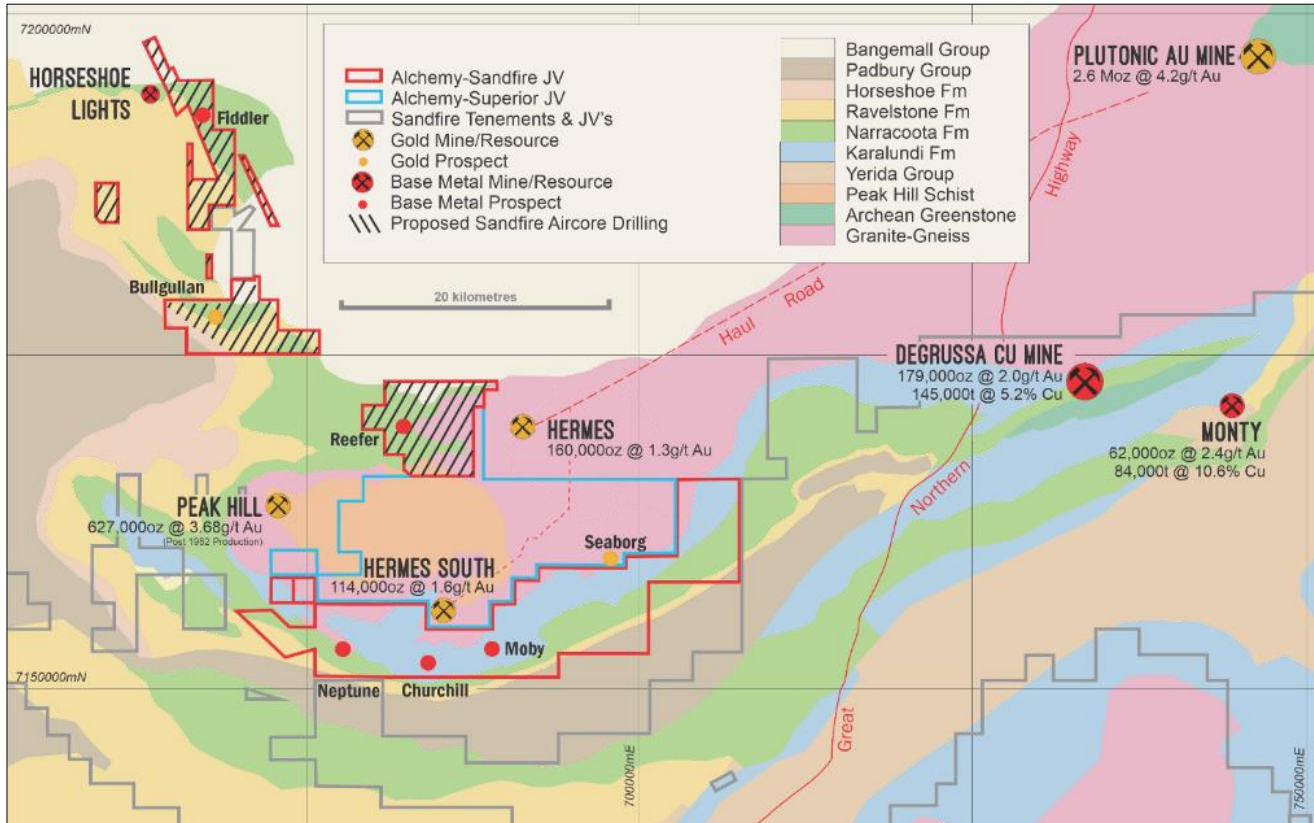


Figure 12: Bryah Basin Project – Sandfire Resources JV and Billabong Gold JV areas over interpreted geology

No field work was completed during the quarter. Sandfire have engaged external consultants to complete a basin wide study over the JV tenure. The work included the making of a 3D basin scale model and the engagement of geochemical and structural geologists. This work has been completed and Sandfire geologists are now reviewing the data.

### GOLD EXPLORATION (Superior 80%)

Exploration of Alchemy's tenements that cover the gold prospective part of the Bryah Basin Project (shaded blue in Figure 13) continued under a farm-in and JV arrangement with Billabong Gold Pty Ltd, a subsidiary of Superior.

Under the terms of the Billabong Gold JV, Alchemy's interest is carried on an interest-free deferred basis to production, with Alchemy to repay the deferred amount from 50% of its share of free cash flow from production following the commencement of mining.



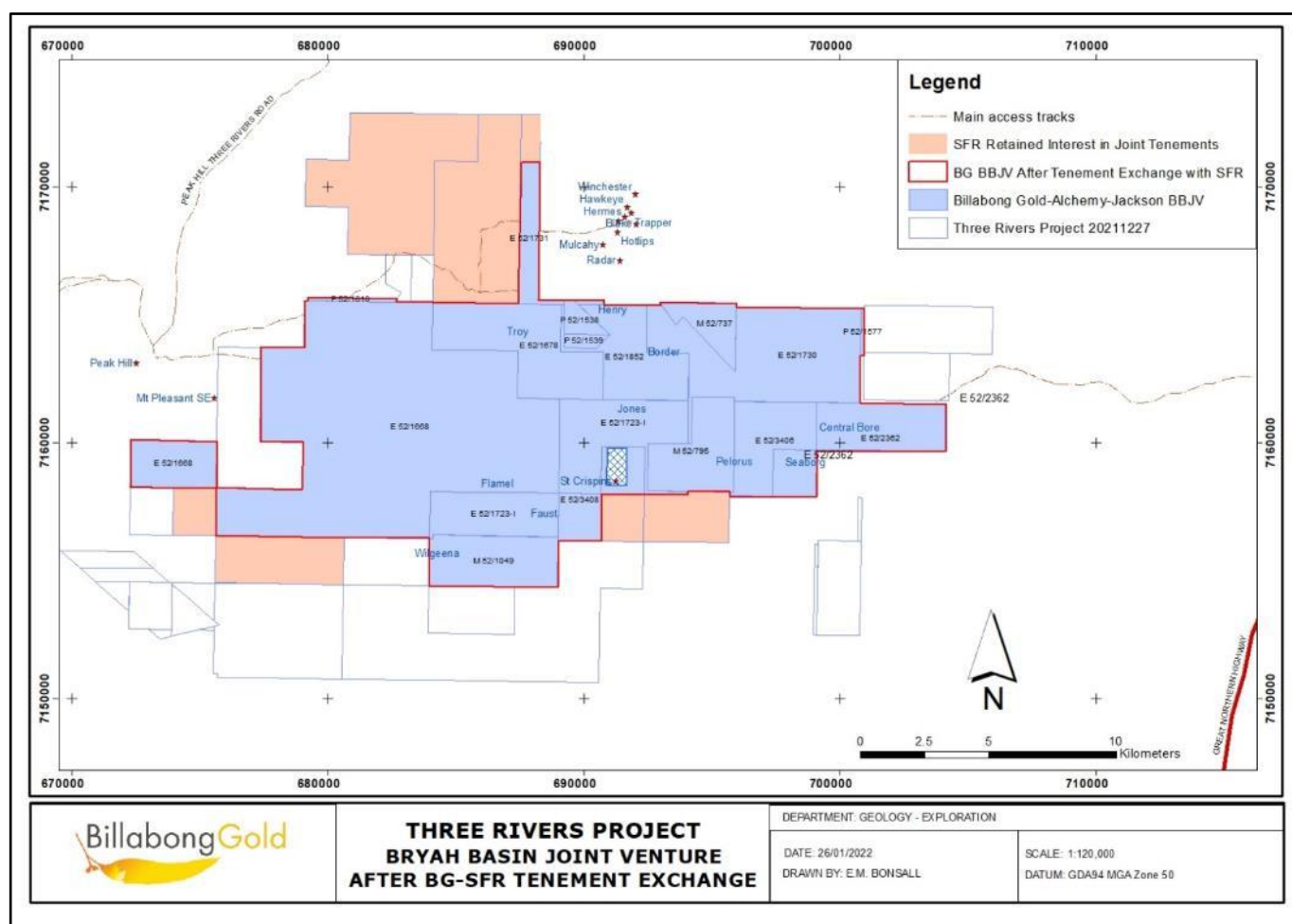


Figure 13: Bryah Basin JV showing Superior JV tenements (Blue)

Work completed during the quarter included:

- Completion of diamond drilling at Central Bore and Seaborg.
- Commencement of geotechnical drilling at Central Bore and Hermes South.
- Commencement of negotiations for a Productive Mining Agreement with the Jidi Jidi Aboriginal Corporation.
- Commencement of a heritage survey for the Central Bore and Seaborg area to clear a potential mining and haul road footprint. The survey was interrupted by heavy rainfalls and will be finalised in Q3 CY2022.
- An Extension of Term application for Exploration Licence E52/1852.

### Sampling

Limited soil sampling was undertaken on Exploration Licences E52/1668 and E52/1678 during the quarter. A total of 32 samples were collected on E52/1668 at the Boyang prospect as part of a wider programme, and 35 samples were collected within E52/1678 at the new Mimic prospect. The sampling was postponed due to significant rain events preventing access. The soil sampling planned for the second quarter for E52/1668 will now be carried out in the September 2022 quarter, subject to contractor availability.

### Drilling

Diamond drilling commenced in March 2022 and was completed in April 2022. Seven holes for a total of 1191.5 m were drilled (Table 1) were drilled at Central Bore and Seaborg. The drilling at Pelorus was suspended due to excessive rain rendering tracks to the prospect inaccessible. The main purpose of drilling was to determine and/or confirm the previously interpreted structural trend and controls on mineralisation to inform future RC infill drilling design.

All holes have been logged, cut and sampled, with samples submitted to the lab and umpire assays pending. Samples have also been submitted for petrological thin section work.

Prospect	Hole ID	East	North	Azimuth	Dip	Planned Depth	Actual Depth
Central Bore	CBDD003	702375	7160396	315	-60	120	165.5
Central Bore	CBDD004	702088	7160326	315	-60	120	129.4
Central Bore	CBDD005	702185	7160221	270	-50	120	152
Central Bore	CBDD006	702414	7160456	315	-60	120	167
Seaborg	SBDD001	697882	7159610	320	-60	100	207.57
Seaborg	SBDD002	697829	7159610	270	-60	100	171.46
Seaborg	SBDD003	697894	7159673	270	-50	100	198.22

*Table 1: Drill collars at Central Bore and Seaborg*

Geotechnical drilling proposed for Central Bore and Wilgeena (Hermes South) commenced during the quarter. The drilling is ongoing and will be completed in Q3 2022. A total of four holes are planned – two at Central Bore and two at Wilgeena. The planned hole locations and details are provided in Table 2.

Prospect	Hole ID	Depth	Easting	Northing	Azimuth	Dip
Central Bore	CBGT001	160	702215	7160460	180	-60
Central Bore	CBGT002	160	702340	7160255	0	-60
Wilgeena (Hermes South)	HSGT001	120	685105	7155750	135	-60
Wilgeena (Hermes South)	HSGT002	150	685610	7155690	225	-60

*Table 2: Geotechnical drilling at Central Bore and Wilgeena (Hermes South)*

## CORPORATE AND FINANCIAL COMMENTARY

The Quarterly Cashflow Report (“Appendix 5B”) for the current period provides an overview of the Company’s financial activities. Alchemy had \$2.008m cash at hand at 30 June 2022. Exploration and evaluation expenditure for the reporting period was \$431,000. There were no mining production and development activities to report during the period. The total amount paid to directors of the entity and their associates in the period (items 6.1 and 6.2 of the Appendix 5B) was \$70,000 and includes salary, directors’ fees and superannuation.

*This announcement has been approved for release by the Board.*

Please direct enquiries to Alchemy’s authorised representative:

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## APPENDIX 1

## Schedule of Mining Tenements as of 30 June 2022

Project/Tenement	State	Status	Interest start Qtr	Interest end Qtr	Co-holder	Notes
<b>Bryah Basin Project</b>						
E52/1668	WA	Granted	10%	10%	Jackson / Billabong / Sandfire	1, 2, 3
E52/1678	WA	Granted	10%	10%	Jackson / Billabong / Sandfire	1, 2, 3
E52/1722	WA	Granted	10%	10%	Jackson / Sandfire	1, 2
E52/1723-I	WA	Granted	20%	20%	Billabong / Sandfire	2, 4, 5
E52/1730	WA	Granted	10%	10%	Jackson / Billabong / Sandfire	1, 2, 3
E52/1731	WA	Granted	20%	20%	Billabong / Sandfire	2, 4
E52/1810	WA	Granted	20%	20%	Sandfire	2
E52/1852	WA	Granted	20%	20%	Billabong	4
E52/2360	WA	Granted	20%	20%	Sandfire	2, 6
E52/2362	WA	Granted	20%	20%	Billabong / Sandfire	2, 4, 6
E52/3292	WA	Granted	20%	20%	Sandfire	2
E52/3358	WA	Granted	20%	20%	Sandfire	2
E52/3359	WA	Granted	20%	20%	Sandfire	2
E52/3406	WA	Granted	20%	20%	Billabong / Sandfire	2, 4
E52/3408	WA	Granted	20%	20%	Billabong / Sandfire	2, 4
E52/3409	WA	Granted	20%	20%	Sandfire	2
E52/3472	WA	Granted	20%	20%	Sandfire	2
E52/3475	WA	Granted	20%	20%	Sandfire	2
M52/722	WA	Granted	20%	20%	Billabong / Sandfire	2, 4, 6
M52/723	WA	Granted	20%	20%	Billabong / Sandfire	2, 4, 6
M52/737	WA	Granted	20%	20%	Billabong	4, 6
M52/795	WA	Granted	20%	20%	Billabong / Sandfire	2, 4, 6
M52/844-I	WA	Granted	20%	20%	Sandfire	2, 6
M52/1049	WA	Granted	20%	20%	Billabong	4, 6
P52/1531	WA	Granted	20%	20%	Sandfire	2
P52/1532	WA	Granted	20%	20%	Sandfire	2
P52/1533	WA	Granted	20%	20%	Sandfire	2
P52/1534	WA	Granted	20%	20%	Sandfire	2
P52/1535	WA	Granted	20%	20%	Sandfire	2
P52/1538	WA	Granted	10%	10%	Jackson / Billabong	1, 4
P52/1540	WA	Granted	20%	20%	Sandfire	2
P52/1541	WA	Granted	20%	20%	Sandfire	2
P52/1565	WA	Granted	20%	20%	Sandfire	2
P52/1566	WA	Granted	20%	20%	Sandfire	2
P52/1567	WA	Granted	20%	20%	Sandfire	2
P52/1568	WA	Granted	20%	20%	Sandfire	2
P52/1572	WA	Granted	20%	20%	Sandfire	2, 6
P52/1617	WA	Granted	20%	20%	Sandfire	2
P52/1618	WA	Granted	20%	20%	Sandfire	2
P52/1619	WA	Granted	20%	20%	Sandfire	2
<b>Lachlan Projects</b>						
EL5878 - Overflow	NSW	Granted	20%	80%	Develop Global	8
EL7941 - Overflow	NSW	Granted	20%	80%	Develop Global	8
EL8267 - Overflow Nth	NSW	Granted	20%	80%	Develop Global	8
EL8356 - Yellow Mtn	NSW	Granted	20%	80%	Develop Global	8
EL8192 - Eurow	NSW	Granted	20%	80%	Develop Global	8
EL8318 - Girilambone	NSW	Granted	20%	80%	Develop Global	8
EL8631 - West Lynn	NSW	Granted	20%	80%	Develop Global	8
EL8711 - Woodsreef	NSW	Granted	20%	80%	Develop Global	8

Project/Tenement	State	Status	Interest start Qtr	Interest end Qtr	Co-holder	Notes
<b>Karonie Project</b>						
E28/2575	WA	Granted	100%	100%		7
E28/2576	WA	Granted	100%	100%		7
E28/2601	WA	Granted	100%	100%		7
E28/2619	WA	Granted	100%	100%		7
E28/2643	WA	Granted	100%	100%		7
E28/2657	WA	Granted	100%	100%		7
E28/2667	WA	Granted	100%	100%		7
E28/2668	WA	Granted	100%	100%		7
E28/2681	WA	Granted	100%	100%		7
E28/2752	WA	Granted	100%	100%		7
E28/2880	WA	Granted	100%	100%		7
E28/2940	WA	Granted	100%	100%		7
E28/2976	WA	Granted	100%	100%		7
E28/3207	WA	Appl.	-			7
E28/3208	WA	Appl.	-			7
<b>Lake Rebecca Project</b>						
E28/3006	WA	Granted.	100%	100%		7
E28/3008	WA	Appl.	-	-		7
E28/3035	WA	Appl.	-	-		7
E28/3039	WA	Appl.	-	-		7
E28/3048	WA	Appl.				
E28/3053	WA	Appl.				
E28/3058	WA	Appl.	-	-		7
E28/3059	WA	Appl.	-	-		7
E28/3063	WA	Appl.	-	-		7
E28/3064	WA	Appl.	-	-		7
E28/3069	WA	Appl.	-	-		7
E28/3098	WA	Appl.	-	-		7

#### Notes:

1. Jackson Minerals Pty Ltd, a subsidiary of Fe Ltd (ASX: FEL), retains a 20% interest free-carried to a decision to mine.
2. Sandfire Resources (ASX: SFR) holds a 70-80% interest (excludes iron ore) in whole or part tenements, with Alchemy free-carried up to completion of a pre-feasibility study.
3. Billabong Gold Pty Ltd holds a 70% interest in whole or part of tenement.
4. Billabong Gold Pty Ltd holds an 80% interest in whole or part of tenement.
5. PepinNini Robinson Range Pty Ltd retains a 1% NSR on iron ore.
6. Carey Mining Iron Ore JV: Alchemy has 100% mineral rights for all minerals, excluding iron ore where ownership is Alchemy 50% / Carey Mining 50%.
7. Goldtribe Corporation Pty Ltd, a subsidiary of Alchemy, holds a 100% interest in the tenement.
8. Alchemy Resources (NSW) Pty Ltd, a subsidiary of Alchemy, holds an 80% interest with Heron Resources owning the remaining 20%.

#### Competent Person's Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr James Wilson, who is the Chief Executive Office of Alchemy Resources Limited and holds shares and options in the Company. Mr Wilson is a Member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ('JORC Code 2012'). Mr Wilson consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Mineral Resources at the Karonie Gold Project is based on information compiled by Richard Maddocks, a Competent Person who is a Fellow of The Australasian Institute of Mining and Metallurgy. Richard Maddocks is an employee of Auranmore Consulting. Richard Maddocks 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'. Richard Maddocks consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Mineral Resources at the Hermes South Gold Deposit is based on information compiled by Mr Stephen Hyland, a geological consultant working for Superior Gold Inc. Mr Hyland is a Fellow of The Australasian Institute of Mining and Metallurgy, and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ('JORC Code 2012'). Mr Hyland consents to the inclusion in this report of the matters based on his information in the form and context in which it appears."

#### Forward Looking Statements

This report may include forward looking statements. Forward looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Alchemy. Actual values, results or events may be materially different to those expressed or implied in this report. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward-looking statements in this presentation speak only at the date of issue of this presentation. Subject to any continuing obligations under any applicable law and the ASX Listing Rules, Alchemy does not undertake any obligation to update or revise any information or any of the forward-looking statements in this presentation of any changes in events, conditions or circumstances on which any such forward looking statement is based.