



QUARTERLY ACTIVITIES REPORT 31 DECEMBER 2021

HIGHLIGHTS

MOOREFIELD: GOLD TARGET

- Gold discovery focused RC drilling at Boxdale completed for 1,560m in fifteen holes
- Boxdale drilling along 4km gold-arsenic trend (assays pending) with arsenic bearing sulfides intercepted in most holes. Targets at Boxdale included:
 - High grades in historic RC drilling, up to 9.55g/t over 1m from drilling in 2011
 - Historic float sampling to 10.2 g/t gold and strong gold-arsenic in soils
- Soil sampling completed to increase target definition prior to drilling
- Ground magnetics completed for targeting extensions to mineralised structures
- RC drilling underway at Carlisle Reefs historic gold mining area for eight planned holes 1,100m to drill extensions to known mineralisation and under significant mine workings

CARGELLIGO: COPPER-GOLD-LEAD-ZINC TARGET

- Achilles target diamond hole (546m) awaiting final assay results, due imminently
- Diamond hole intercepted favourable geology and zones of disseminated copper, lead & zinc mineralisation observed
- AGC awarded Ministerial Approval for new exploration licence, encompassing 840km² of Cobar Basin by winning an Expression of Interest with the NSW Government
- Exploration Licence 9336 is now granted and cements AGC as a major landholder within the southern Cobar basin
- Awarded \$200,000 drill funding towards the Achilles target by the Geological Survey of NSW
- Geological interpretation works underway and future aircore drill planning

GUNDAGAI: GOLD TARGET

- RC drill planning completed and permitting underway for maiden drilling scheduled for March

Australian Gold and Copper Ltd (ASX: AGC) (“AGC” or the “Company”) is pleased to report on its December 2021 quarter activities.

Corporate

Investor Presentation – Mines and Money 5@5 and Noosa Mining Conference

During the quarter, the Company presented at two Investor Webinars held on Wednesday 20 October 2021 and Wednesday 10 November 2021.

NSW Drilling Grant

During the quarter the Company was awarded \$200,000 drill funding towards the Achilles target under Round 4 of the New Frontiers Cooperative Drilling grants program by Mining, Exploration and Geoscience within the Geological Survey of NSW.

Annual General Meeting (AGM) - 29 November 2021

On 29 November 2021, the Company held its 2021 Annual General Meeting, where all resolutions were passed by poll.

Forward Exploration Drilling Schedule

The drilling schedule focuses on AGC’s 100% owned gold targets and builds on historic drill intercepts. The January-March quarter includes finalising RC drilling at our most advanced targets, Boxdale and Carlisle Reefs orogenic gold targets and maiden drilling at the Gundagai ‘McPhillamys style’ gold target.

Exploration and Operations December Quarter

MOOREFIELD PROJECT: GOLD (EL7675 EL8669, AGC 100%)

RC DRILLING COMPLETED - BOXDALE

During the quarter, drilling got underway at the 15km long, Boxdale-Carlisle Reefs gold targets (see figure 1 & 2). Drilling has now been completed at the Boxdale target with 1,560m drilled across fifteen holes. In Anomaly 1 and 3 (see figure 2), drilling intercepted, in numerous holes, encouraging zones of sulfides (pyrite and arsenopyrite, visually logged and pXRF analysed). RC drill samples were submitted to the laboratory in Orange NSW and will be reported upon once received.

Subsequent to the quarter end, the rig was mobilised to, and is currently drilling at Carlisle Reefs.

A ground magnetics survey and soil sampling (by using a handheld pXRF machine) was also undertaken to tighten the drill targets and highlight extensions for follow up.

The style of gold deposits being explored at the Moorefield Project are orogenic gold deposits whereby high-grade gold has a strong correlation with arsenic and the gold mineralisation is hosted in brittle fractures in the rock. The fractures are cemented with quartz/carbonate and sulphides such as pyrite and arsenopyrite. This cementing process creates mineralised veins which host gold.

Such deposits include the World-class, multimillion ounce Victorian gold deposits, the biggest being Bendigo and Fosterville (Kirkland Lake Gold).

There are significant gold intercepts by previous explorers at both the Boxdale and Carlisle Reefs ends of the of the 15km trend. Boxdale first pass drill intercepts by global miner, Goldfields Ltd, in 2013 reported (ASX:AGC IPO Prospectus 18 Nov 2020):

- 19m @ 1.28g/t gold from 114m (BDR001), including
 - 4m at 4.3g/t gold from 120m, including
 - 1m at 9.55g/t gold from 123m
 - 2m at 1.9g/t gold from 130m
- 2m at 1.2g/t gold from 32m (BDR003)
- 3m at 1.0g/t gold from 59m including
 - 1m at 2.2g/t gold from 60m
- 15m @ 1.00g/t gold from 85m, including
 - 6m at 2.1g/t gold from 92m
- 1m at 3.3g/t gold from 68m (BX-3)

Carlisle Reefs drill intercepts by Magmatic Resources Ltd (ASX:MAG), in 2017, reported (ASX:AGC IPO Prospectus 18 Nov 2020):

- 36m at 1.21g/t Au from 81m (MFRC017)
- 30m at 1.60 g/t Au from 80m (MFRC013)

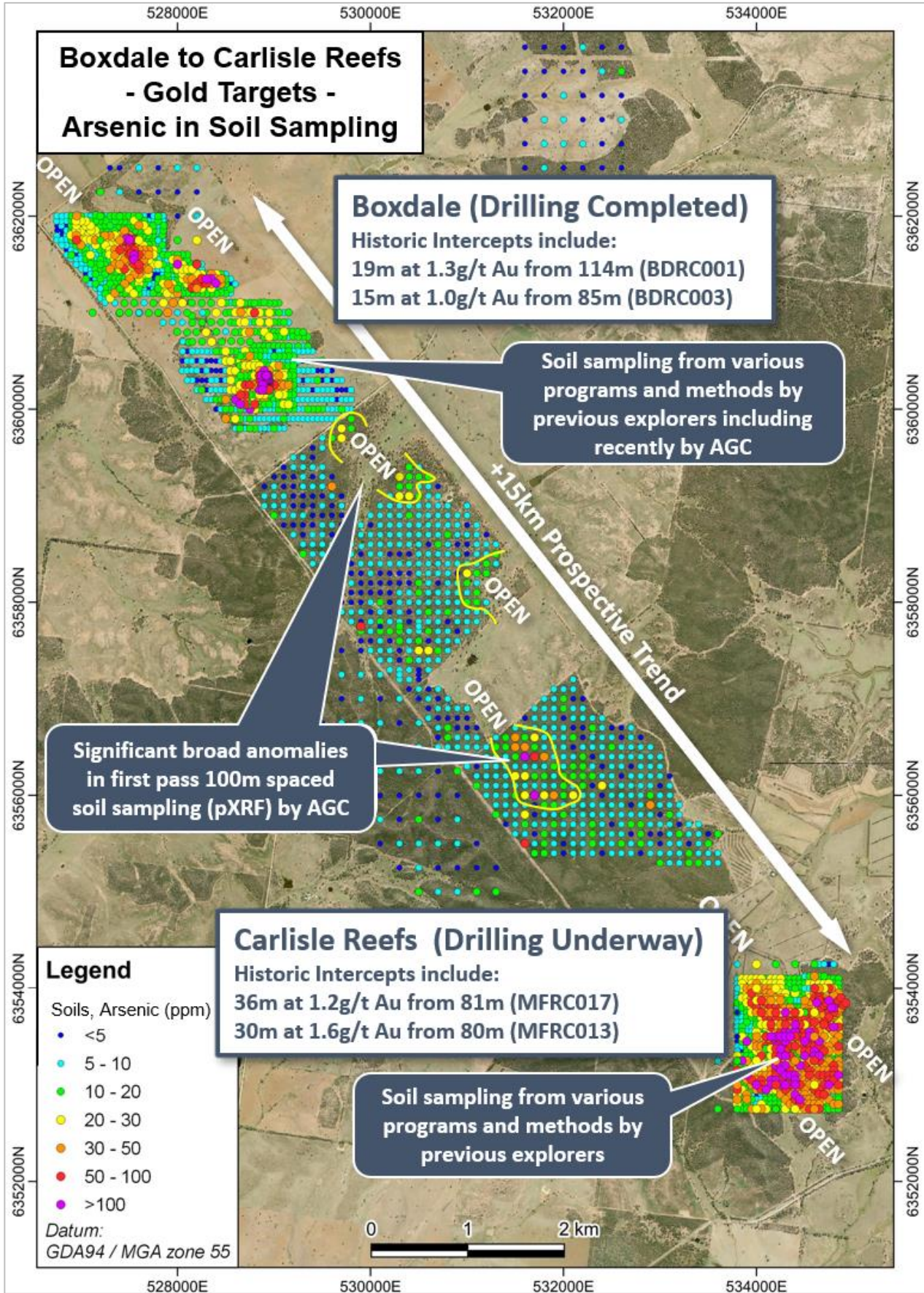


Figure 1: The +15km prospective trend from Boxdale to Carlisle Reefs (AGC IPO Prospectus 18 Nov 2020).

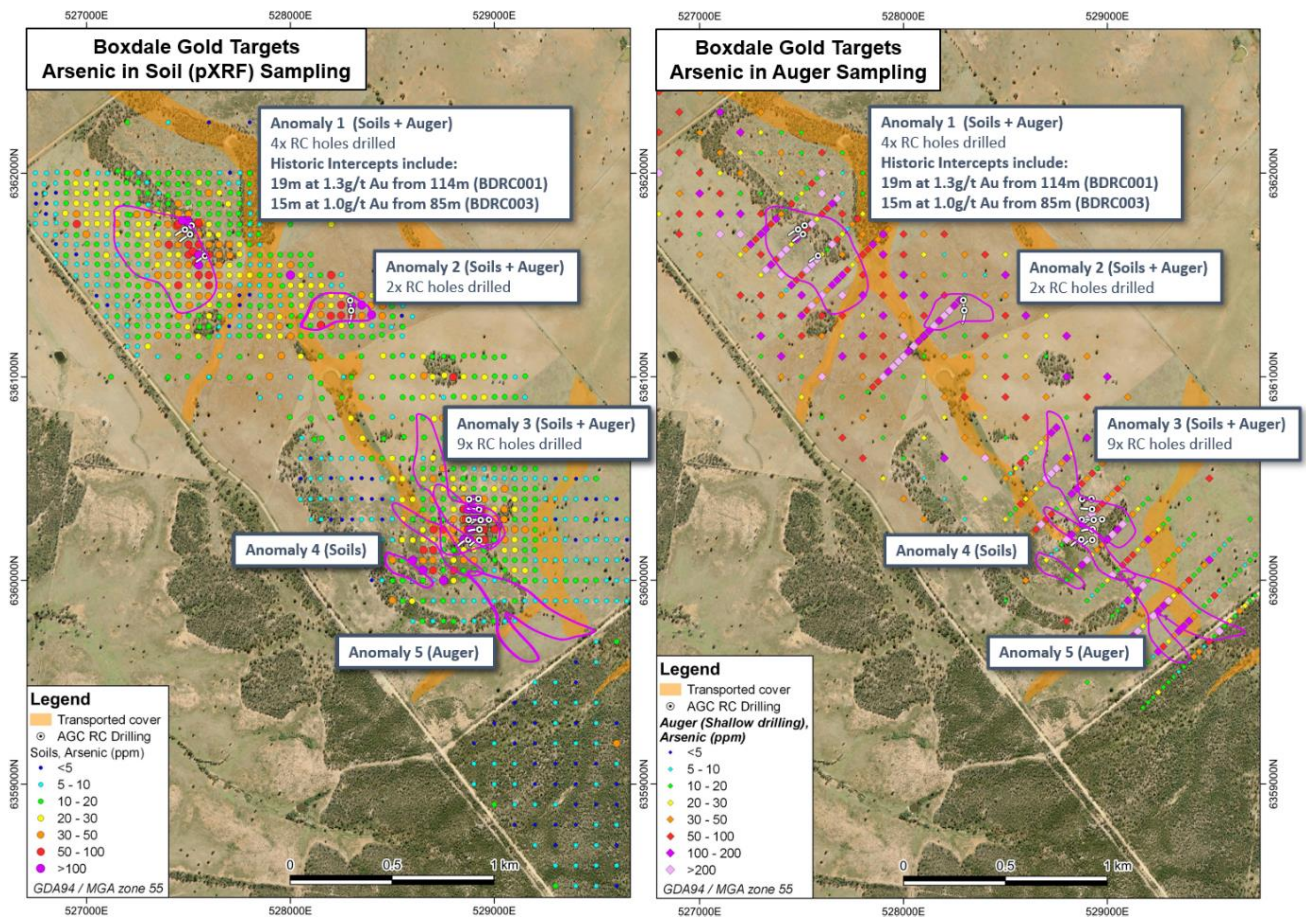


Figure 2: The Boxdale area showing prospective areas over soil sampling (left) and auger sampling (right) and the recently completed RC drill holes, assays pending.

Data review completed including reviewing the historic soil and shallow auger sampling and RC drilling by previous explorers, Goldfields Ltd and Magmatic Resources Ltd. Field work completed by AGC as QAQC for this review was field mapping, transport cover and drainage mapping to understand where soil sampling is ineffective, relogging of Goldfield’s RC chips and our own soil sampling (pXRF) to tighten the drill targets. For drill targeting, a higher weighting has been placed on the soil sampling over the auger sampling (figure 2) due to the tighter sample spacing of the soils and repeatability of the historic soils to AGC’s soil sampling.

The three targets drilled in this round of drilling were Anomaly 1, 2 and 3.

Boxdale Anomaly 1

Four holes were drilled into Anomaly 1. Anomaly 1 is 500m in length and defined by ten historic drill holes, returning strong gold grades up to 9.55g/t over 1m. The target has high levels of arsenic in soil and in auger sampling. The anomaly was first drill tested in 1972 as oxide copper minerals were noticed in a historic mine working. The best drilling was produced by mining giant, Goldfields Ltd with four RC holes ranging to 200m in depth. Intercepts included (ASX:AGC IPO Prospectus 18 Nov 2020):

- 19m @ 1.28g/t gold from 114m (BDR001), including
 - 4m at 4.3g/t gold from 120m, including
 - 1m at 9.55g/t gold from 123m
 - 2m at 1.9g/t gold from 130m

- 2m at 1.2g/t gold from 32m (BDRC003)
- 3m at 1.0g/t gold from 59m including
 - 1m at 2.2g/t gold from 60m
- 15m @ 1.00g/t gold from 85m, including
 - 6m at 2.1g/t gold from 92m
- 1m at 3.3g/t gold from 68m (BX-3)

Boxdale Anomaly 2

Two holes were drilled into Anomaly 2. Anomaly 2 is 350m in length although has the potential to join with Anomaly 1 given the auger sampling results under transported cover (Figure 2). Anomaly 2 boasts Boxdale's highest gold in rock float samples, 8.3g/t and 10.2g/t gold (ASX:AGC IPO Prospectus 18 Nov 2020). These provide significant encouragement for drill testing. Only one historic RC hole was drilled here by Goldfields Ltd which did intercept low grades of gold, max 0.54g/t gold (BDRC005). Given the size and tenor of the surface geochemistry, follow up drilling was warranted.

Boxdale Anomaly 3

Nine holes were drilled into Anomaly 3. Anomaly 3 is now 400m long and has no previous RC drilling. Elevated gold and arsenic auger sampling have now been infilled by soil sampling (pXRF) by AGC geologists which has greatly increased the confidence of the target, its direction and lengthened its size. Anomaly 3 was originally only a two-point auger anomaly.

RC DRILLING UNDERWAY - CARLISLE REEFS

The drill rig is now drilling at Carlisle Reefs which is 15km south-east from Boxdale. Drilling is planned for eight holes to drill extensions to known mineralisation and under significant mine workings.

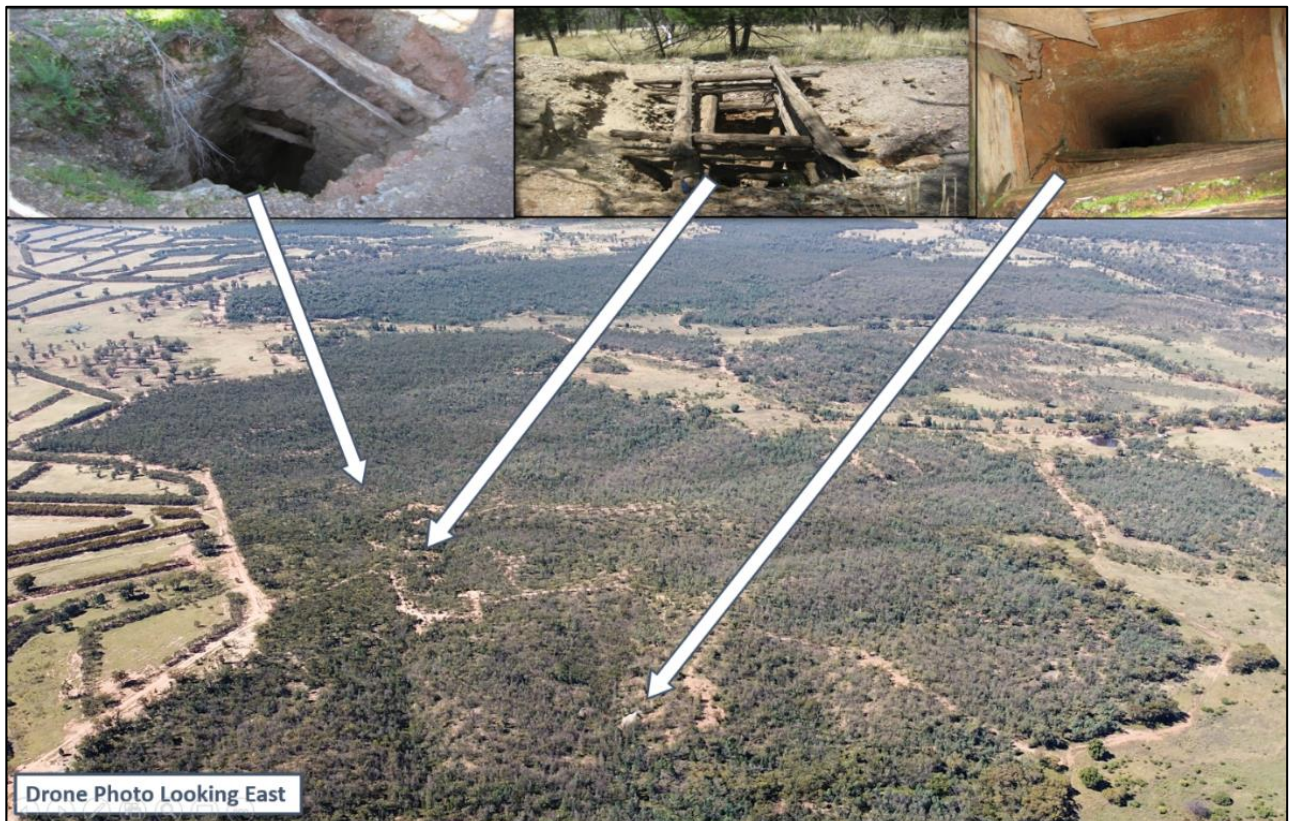


Figure 3: A recent Carlisle Reefs drone photo looking east and approximate locations of historic shafts.

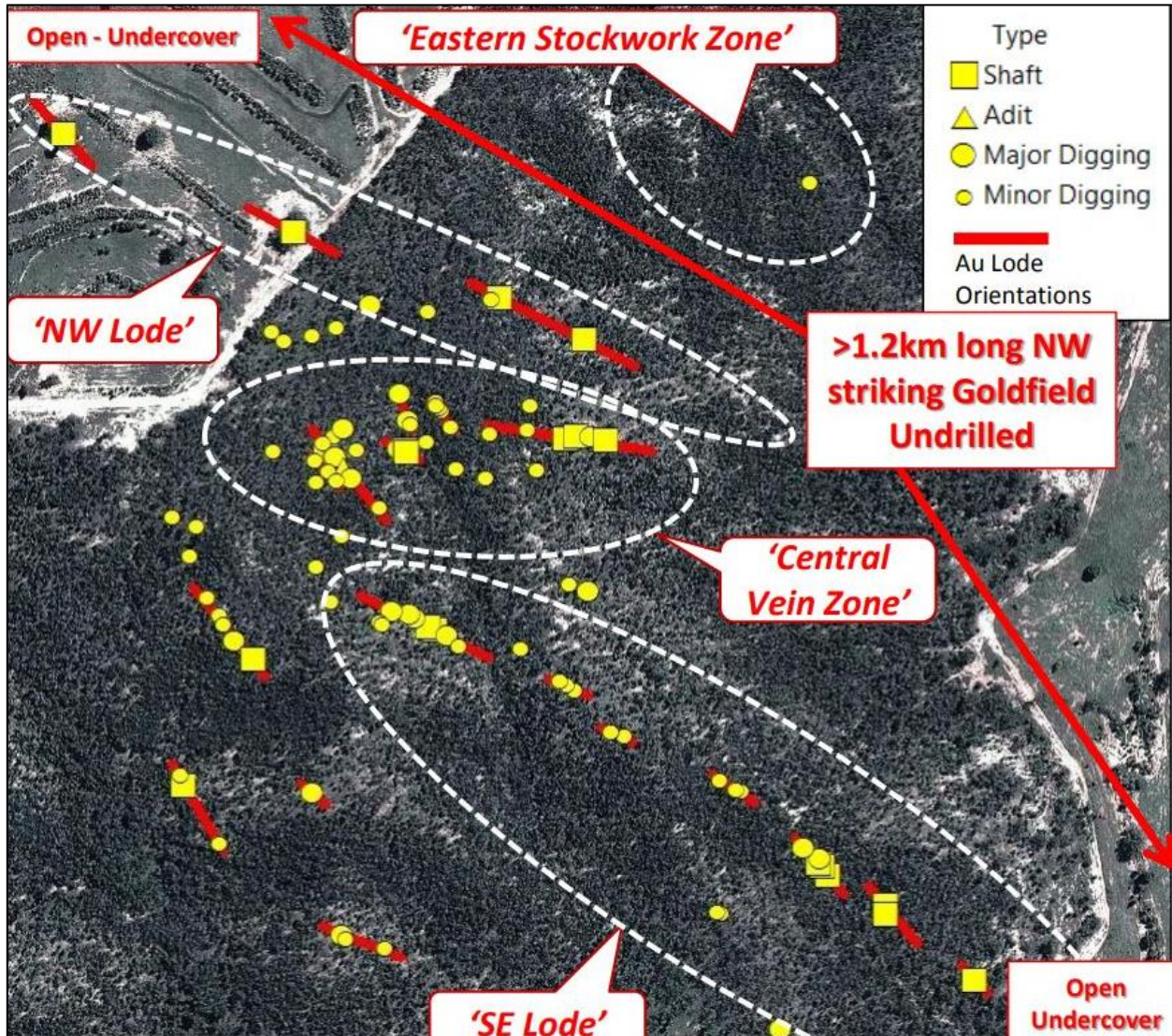


Figure 4: Carlisle Reefs mapped lodes and mine workings (ASX AGC IPO Prospectus 18 Nov 2020).

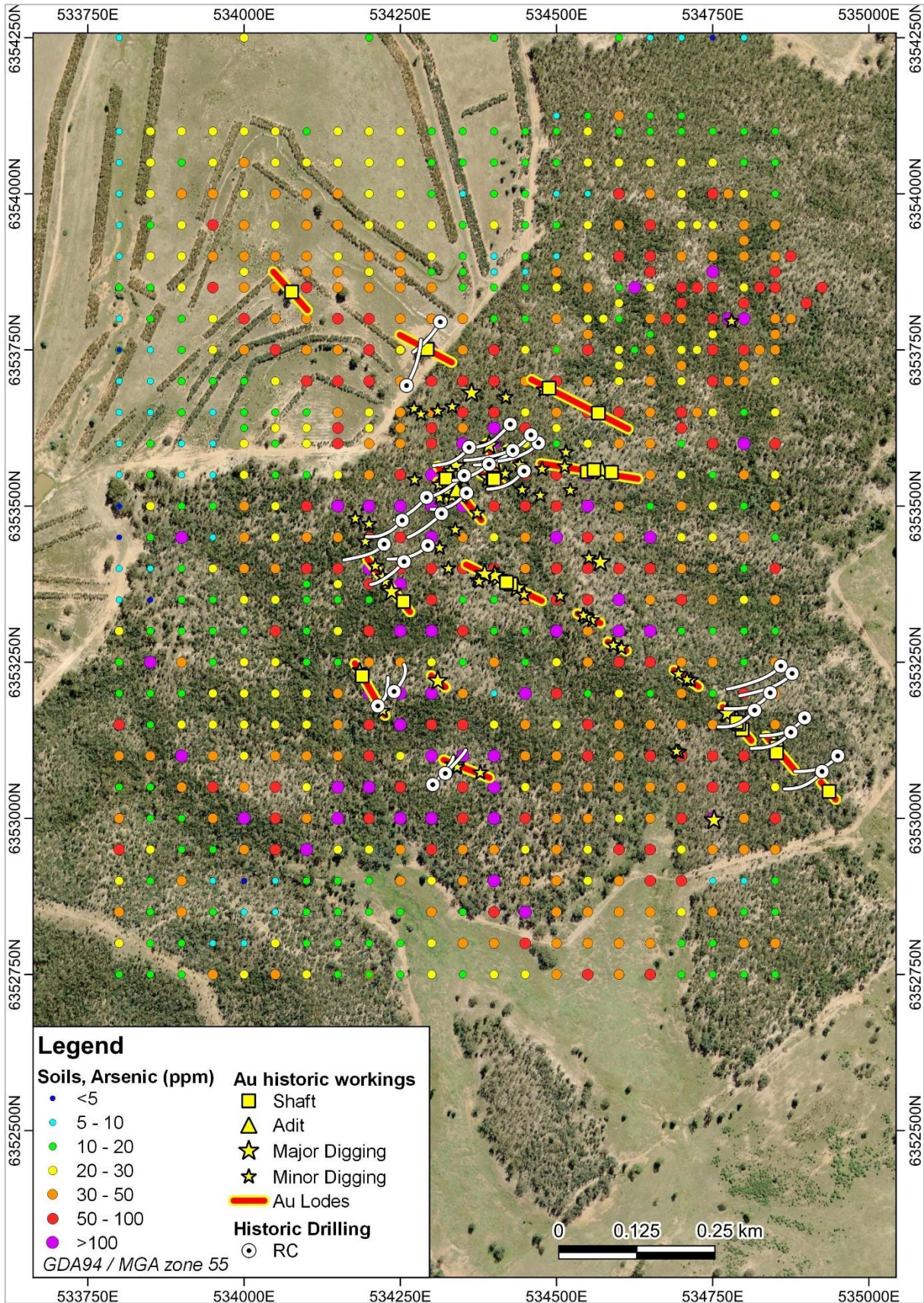


Figure 5: Satellite map showing arsenic in soil sampling and previously drilled drill traces (ASX AGC IPO Prospectus 18 Nov 2020).

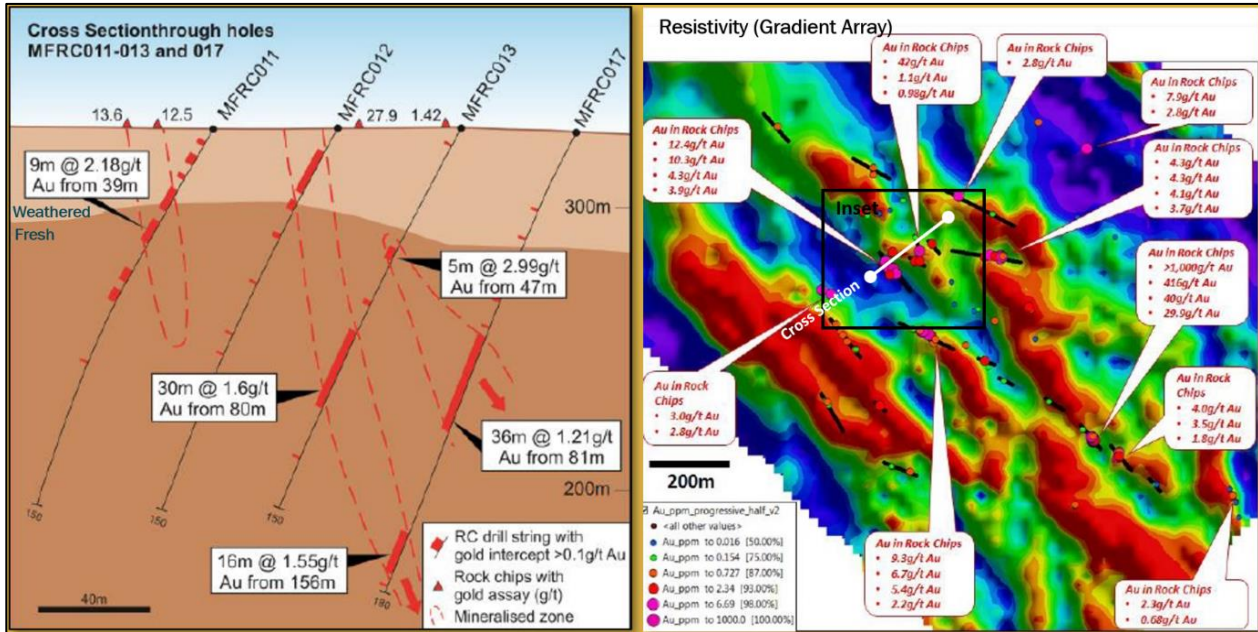


Figure 6: The cross section through Carlisle Reefs gold drilling (left), current AGC drilling will test down dip from MFRC017 and plan map (right) showing gold in rock chips over gradient array IP resistivity (ASX AGC IPO Prospectus 18 Nov 2020).

CARGELLIGO PROJECT: COPPER-GOLD-LEAD-ZINC (EL8968, AGC 100%)

AGC is searching for large, high-grade Cobar-style copper-gold and base-metals deposits. The Hera gold/base-metals mine and recent Federation discovery are examples of modern Cobar style deposits discovered using lead pathfinders in pre discovery holes under lead in soils, (Cooper, 2017; McKinnon and Munroe 2019). To date, the Achilles and Mount B drill results are highly encouraging in comparison.

Soil sampling in the previous quarters confirmed Achilles as a 3km long base metal target. AGC's RC DD drill programs have advanced the prospectivity of the target, testing 700m of the 3km.

ACHILLES TARGET –DIAMOND DRILLING

Cargelligo Project's first diamond drill hole at the Achilles target was completed to 546m, with multiple zones observed hosting chalcopyrite (copper), galena (lead) and sphalerite (zinc) mineralisation.

Zones of disseminated chalcopyrite and broad intense silica flooding alteration was logged through the second half of the hole where the aerial EM anomaly was positioned. This demonstrates that a large hydrothermal system has been the driver of metals at Achilles.

The diamond hole was designed to:

1. test underneath the broadest copper intercept 85m at 0.13% Cu from 165m in RC hole A3RC014 which is strengthening with depth towards the aerial EM (AEM) anomaly.
2. test the AEM anomaly for significant copper mineralisation.
3. test multiple mineralised horizons, and
4. gain knowledge on the structural complexity for follow up drill targeting and help design future exploration as mineralisation is open undercover to the north, south and east.
5. help target undercover as mineralisation is open to the north, south and east.

The geological setting, intensity of alteration and mineralisation intersected to date gives the 'AGC Exploration Team' confidence the Achilles target boasts potential to host significant mineralisation.

Achilles is open in many directions and remains highly prospective.

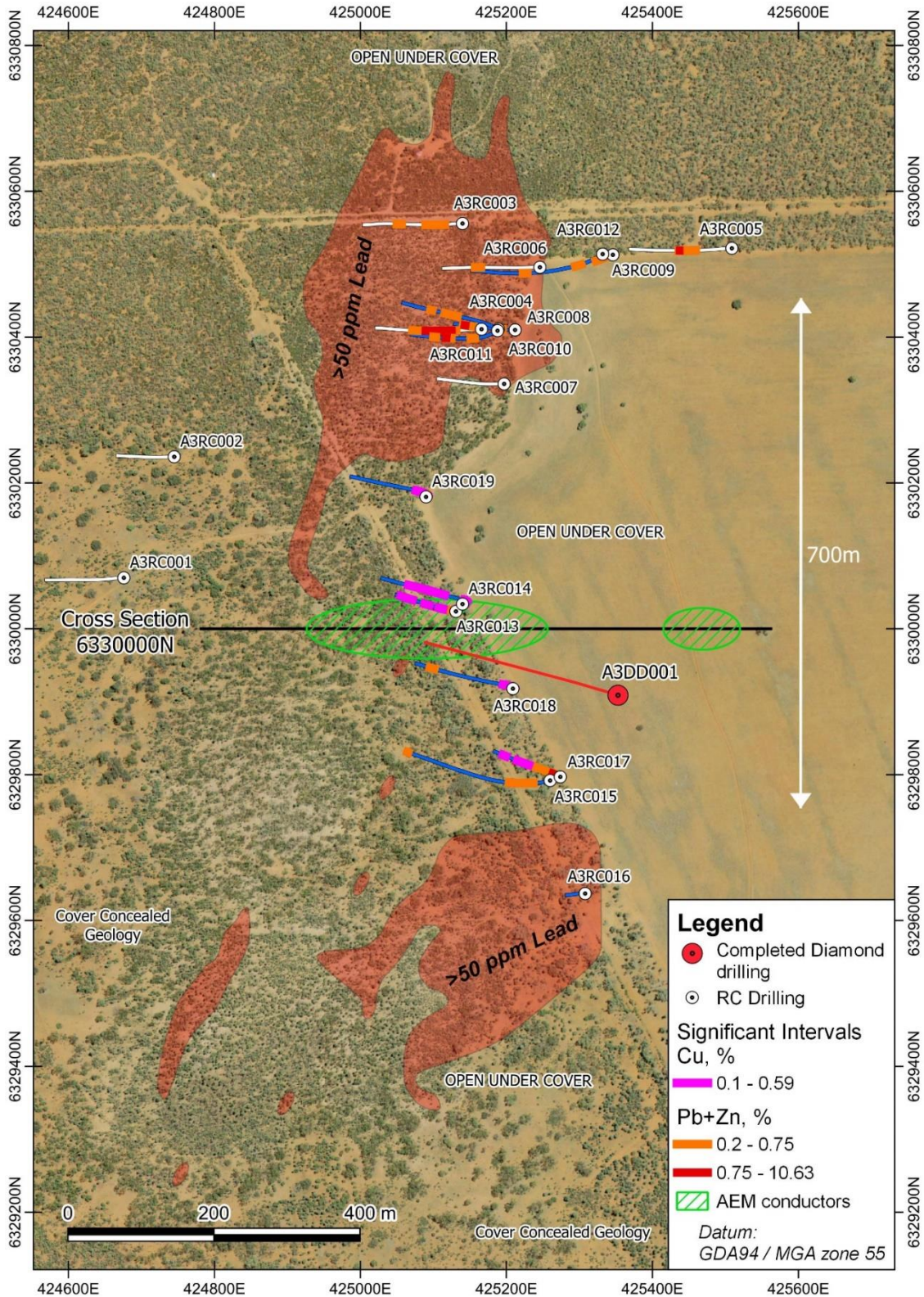


Figure 7: Achilles map showing drill locations.



Figure 8: Quartz flooding with stringers of chalcopyrite (copper), 440m downhole.
A common feature observed in this hole.

NEW COBAR LICENCE GRANTED EL9336

During the December quarter, a new exploration licence (EL) was granted, significantly increasing the size of the Company's land holding around the Cargelligo Project (figure 9). AGC won this licence in an expression of interest and hence was awarded Ministerial Approval to apply for the new EL. The EL is held within an NSW Mineral Allocation Area covering extensions to known mineralised terrains where licences are only awarded through biannual expressions of interest.

AGC submitted a strong expression of interest application and won on technical merit and our recent success in the belt. The new areas are surrounded by some of the World's major copper miners and puts AGC in a strong position to benefit from others success in the belt. This new EL expands AGC's land holding in the Cobar Basin by 840km² to 1,075km².

Significant Cobar-style gold copper targets already exist within the new EL, including the 4km long Hilltop target and a 5km target on the eastern edge of the Cobar-basin. The new exploration license positions AGC with an enhanced portfolio of targets, within a short distance of other significant discoveries including Mallee Bull (20km), Federation (35km), Wirlong (43km), and along strike from the Hera Mine (45km).

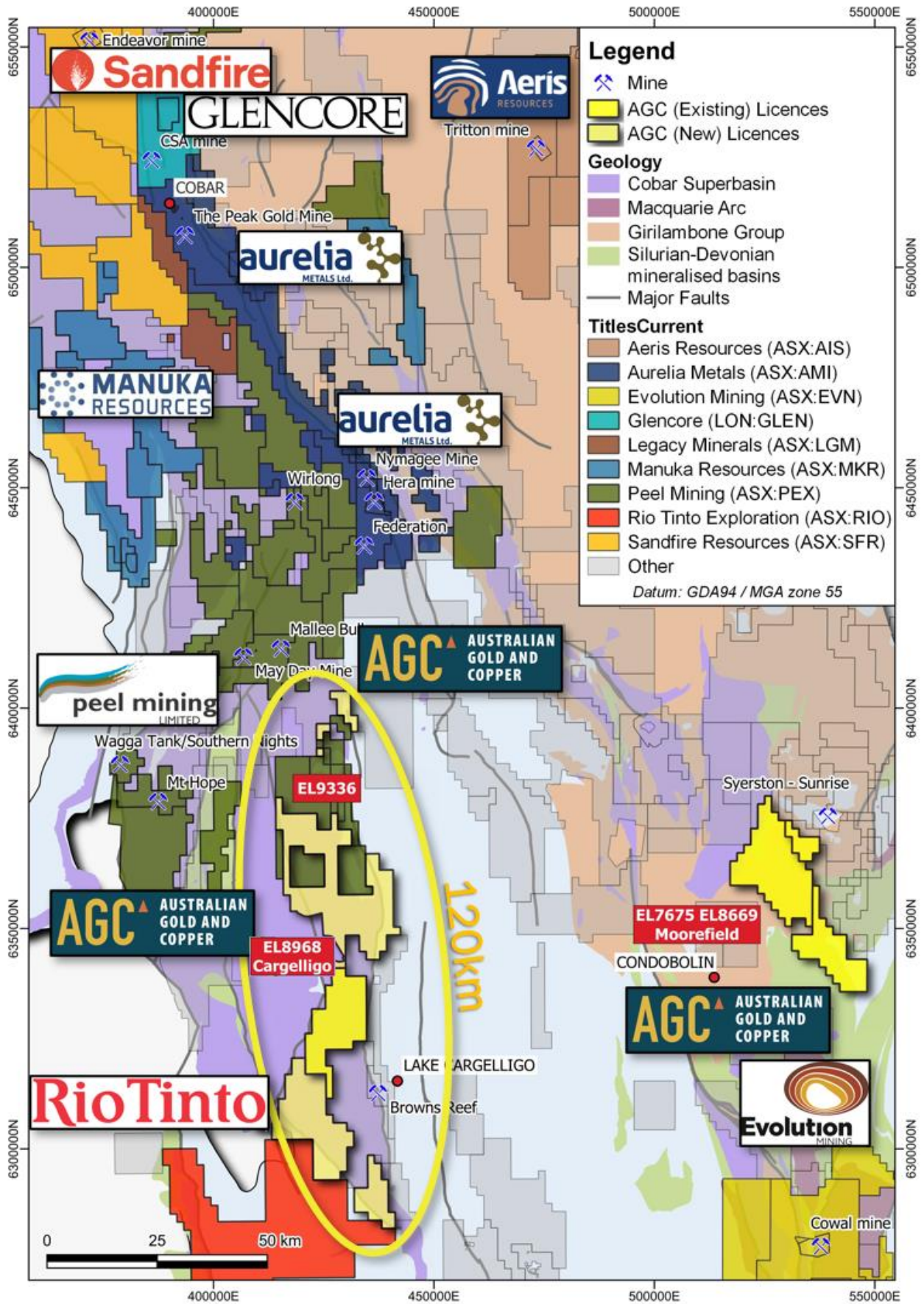


Figure 9: Map of the Cobar Basin showing the Company's Cargelligo and Moorefield Projects in yellow and the newly granted licence.

ACHILLES TARGET –AWARDED \$200,000 NSW GOVERNMENT DRILLING GRANT

During the quarter, the Company was awarded \$200,000 drill funding towards the Achilles target under Round 4 of the New Frontiers Cooperative Drilling grants program by Mining, Exploration and Geoscience within the Geological Survey of NSW. Our application was assessed and ranked by an expert panel and selected as a preferred application.

At \$200,000, the grant is the highest level achievable and covers half of the down hole drill meter costs. The grants are ranked on the applicants' technical assessment of the project and on the quality of the work program proposed.

The already drilled Achilles diamond hole, with assays expected shortly, is included in the grant and the balance will be offset from the next round of diamond drilling.

GUNDAGAI PROJECT: GOLD (EL8955, AGC 100%)

During the quarter, AGC started permitting the upcoming drill program at the Grandview gold target. The area has an extensive mining history however only three historic drill holes completed in 1984. These holes produced encouraging results yet this was the only exploration completed on this site prior to AGC (AGC ASX prospectus lodged 18th November 2020).

The assaying of the historic drill holes was completed on 3m composite instead of the 1m composites that are general practice now. 3m compositing of drill holes is considered insufficient for this style of gold mineralisation. Nevertheless, results included (AGC ASX prospectus lodged 18th November 2020):

- PGH-G-1: 54m at 0.26g/t from 0m
 - inc 6m at 0.63g/t from 42m
- PGH-G-2: 6m at 1.0g/t from 36m and 21m at 0.38g/t Au from 66m
- PGH-G-3: 3m at 1.62g/t from 33m

Also, historic rockchips: 5.8m at 2g/t Au, 2.7m at 6.44g/t Au, 1.9m at 1.67g/t Au, 30m at 0.2g/t Au (in adit)

More recent work highlighted a large gold and pathfinder element soil anomaly with gold in rockchips to 35g/t, 33g/t, 26g/t, 17g/t and this target is considered a McPhillamys 2.2Moz style target (AGC ASX prospectus lodged 18th November 2020).

RC drilling is scheduled to start late in the 1st quarter.

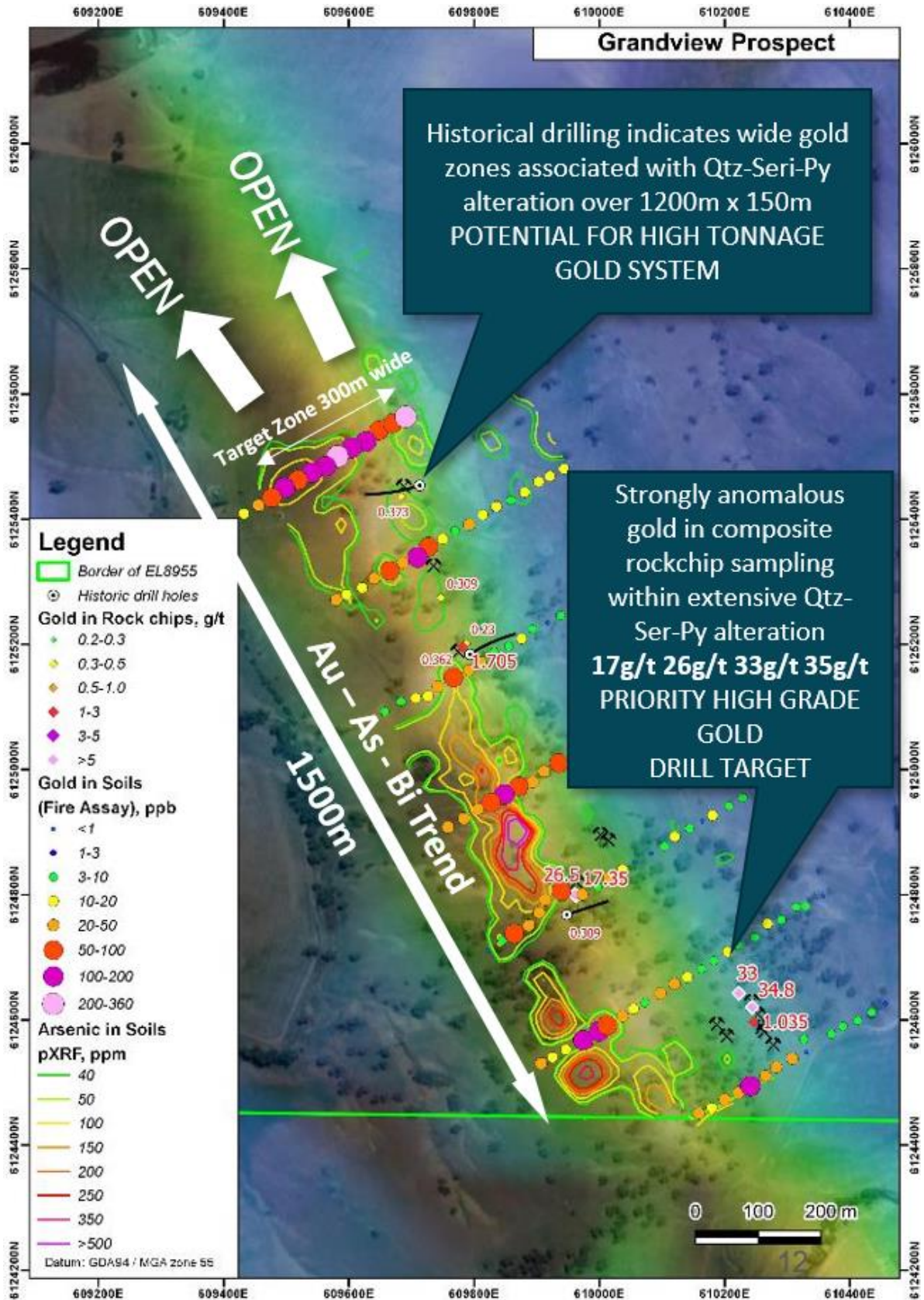


Figure 10: Grandview gold target at Gundagai to be drilled later this quarter.

ASX Additional Information

As per ASX Listing Rule 5.3.1: Exploration and Evaluation Expenditure during the Quarter was \$705,000. Full details of exploration activity during the Quarter are set out in this report.

As per ASX Listing Rule 5.3.2: There were no substantive mining production and development activities during the Quarter.

As per ASX Listing Rule 5.3.5: Payments to related parties of the Company and their associates during the Quarter \$158,000. The Company advises that this relates to director's fees, shared services and accounting and company secretarial related services.

As per ASX Listing Rule 5.3.4 the following expenditures have occurred since listing:

Item	Current Quarter	Year to date	As per IPO Prospectus dated 18 November 2020 *
Exploration –Moorefield	\$344k	\$744K	\$2.720m
Exploration –Cargelligo	\$322k	\$1.65m	\$2.280m
Exploration –Gundagai	\$14k	\$59K	\$1m
Working capital/operating expenses	\$25K	\$719K	\$3m
Cost of offer – fundraising	-	\$615K	\$600K
Costs of offer – other	-	\$480K	\$400K

* Costs per the prospectus are over the first two years following admission of the Company to the official list of ASX.

The differences in the above, as reported in previous quarters, are as follows:

- *Costs of Offer – Other.* These costs include legal costs, accounting and tax advice costs, and other support services
 - Legal and related costs increased due to an amendment to the offer, as evidenced by the Supplementary prospectus dated 30 November 2020);
 - Delays in the anticipated listing of the Company increased costs of the offer, predominantly legal costs;
 - The Company exceeded the Financial Acquisitions Threshold (FAT) and was therefore unable to claim all of the GST Input Tax Credits for Legal, ASX and associated costs relating to the IPO. The Prospectus was prepared assuming all GST Input Tax Credits could be claimed and were disclosed on an ex-GST basis.
- *Costs of Offer – Fundraising.* These costs included brokerage fees for the IPO. As the Company exceeded the Financial Acquisitions Threshold (FAT) they were not entitled to claim the full amount of the GST Input Tax Credits for brokerage fees.

Projects Overview

AGC's portfolio located in the Central Lachlan Fold Belt of NSW includes the Moorefield gold project exploring for multi-million ounce orogenic gold deposits, the Cargelligo copper-gold/base-metal project in the southern Cobar Super-Basin exploring for Hera and Federation style deposits, and the Gundagai gold project, exploring for multi-million ounce McPhillamy's type gold deposits.

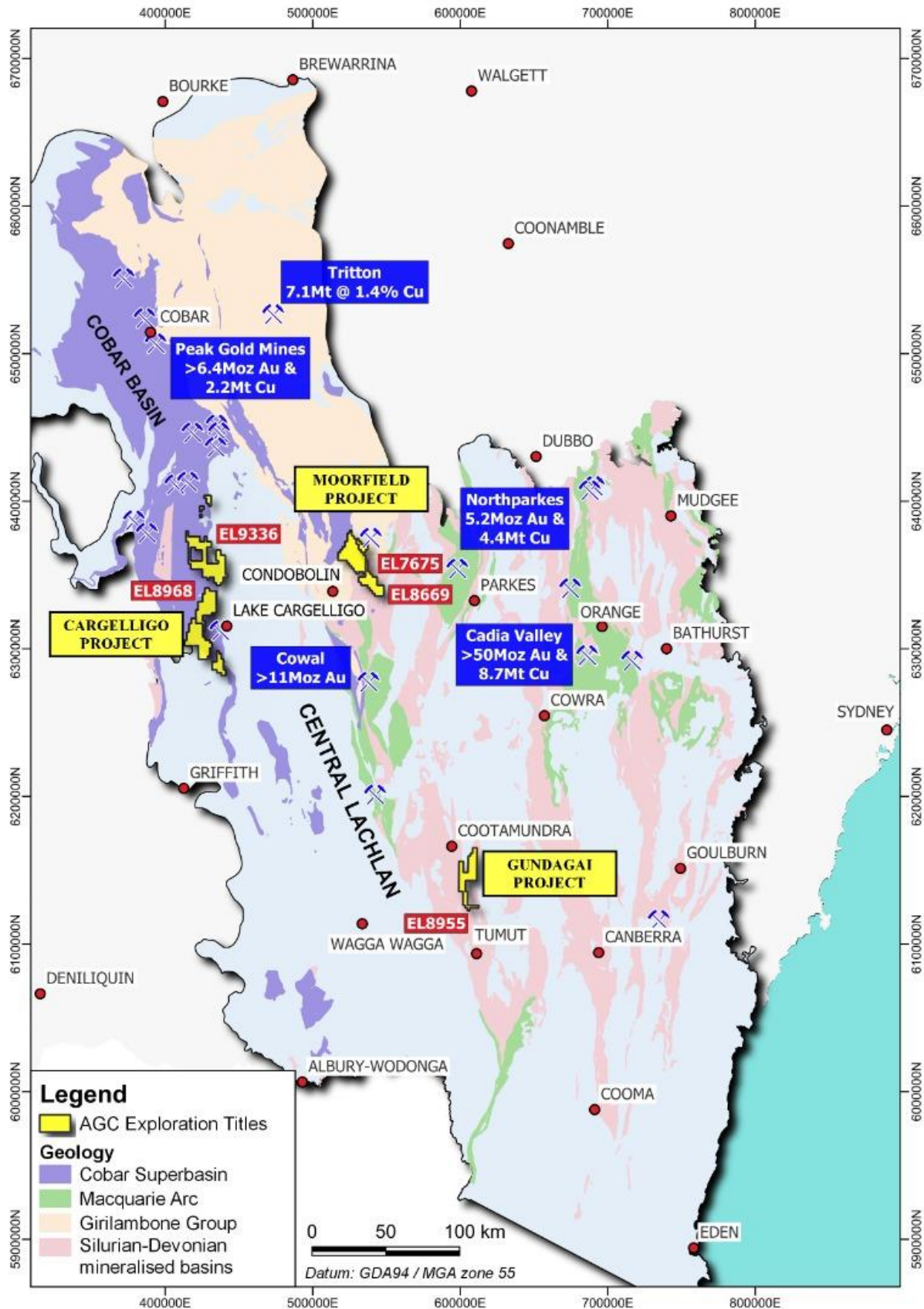


Figure 11: Location of the Cargelligo, Moorefield and Gundagai Projects in relation to major mines and deposits within the Lachlan Fold Belt., see p100 AGC ASX prospectus lodged 18th November 2020.

REFERENCES

AGC ASX prospectus lodged 18th November 2020

Cooper I., 2017, Finding Hera, Looking for the rest of the family, CWEDG.

<https://www.smedg.org.au/pdf/CWEDGAug2017FindingHera.pdf>

McKinnon A. and Munroe S., 2019, The Dominion and Federation discoveries at Nymagee, NSW: an evolving exploration story, Aurelia Metals Ltd. Mines and Wines Conference 2019: Discoveries in the Tasmanides.

<https://smedg.org.au/wp-content/uploads/2019/11/McKinnon-Dominion-and-Federation.pdf>

ASX Market Sensitive Announcements

06/10/2021 Cargelligo Project Diamond Drilling Update

28/10/2021 Achilles Diamond Drilling Update

15/12/2021 Boxdale Gold Target Review Highlights and Drilling Underway

16/12/2021 AGC Stakes Significant Landholding in Cobar Basin

22/12/2021 AGC Awarded NSW Drilling Grant

21/01/2022 Boxdale Drilling Complete, Rig Mobilising to Carlisle Reefs

This announcement has been approved for release by the Board of AGC.

ENDS

For further information:

Glen Diemar

Managing Director

Australian Gold and Copper Limited

+61 434 827 965

gdiemar@austgoldcopper.com.au

www.austgoldcopper.com.au

Tenement Register

Tenement	Reference	Location	Interest at 01/10/21	Acquired/Disposed	Interest at 31/12/21
Moorefield	EL 7675	NSW	100%	N/A	100%
Derriwong	EL 8669	NSW	100%	N/A	100%
Cargelligo	EL 8968	NSW	100%	N/A	100%
Rast	EL 9336	NSW	Nil	100%	100%
Gundagai	EL 8955	NSW	100%	N/A	100%

There are no Farm-in or Farm-out Arrangements held by Australian Gold and Copper Ltd

Competent Persons Statement

The information in this document that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr. Glen Diemar who is a member of the Australian Institute of Geoscientists. Mr. Diemar is a full-time employee of Australian Gold and Copper Limited, and is a shareholder, however Mr. Diemar believes this shareholding does not create a conflict of interest, and Mr. Diemar has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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. Diemar consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

Forward-Looking Statements

This announcement contains "forward-looking statements." All statements other than those of historical facts included in this announcement are forward-looking statements. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and based upon information currently available to the company and believed to have a reasonable basis. Although the company believes the expectations expressed in such forward-looking statements are based on reasonable assumptions, such statements are not guarantees of future performance and no assurance can be given that these expectations will prove to be correct as actual results or developments may differ materially from those projected in the forward-looking statements. Forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, copper, gold, and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks and governmental regulation and judicial outcomes. Readers are cautioned not to place undue reliance on forward-looking statements due to the inherent uncertainty thereof. The forward-looking statements contain in this press release are made as of the date of this press release and except as may otherwise be required pursuant to applicable laws, the Company does not undertake any obligation to release publicly any revisions to any "forward-looking statement".

Previously Reported Information

The information in this report that references previously reported exploration results is extracted from the announcements referenced and the Company's ASX IPO Prospectus released on the date noted in the body of the text where that reference appears. The ASX IPO Prospectus is available to view on the Company's website or on the ASX website (www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.