



28 April 2025

ASX Market Announcements

COPPER HILL EL6391, NSW SURFACE GEOCHEMISTRY COMPLETION

Infill and extension surface soil sampling commenced over EL6391 following completion of the tenement wide gravity survey in February 2025. The areas initially planned for the sampling have now been sampled.

A total of 261 sites have been located and samples despatched to ALS Global for analysis of gold and a suite of geochemical pathfinder elements.

Previous soil sampling surveys have selectively targeted prospective locations in the Copper Hill licence. In 2021-2023, extension and infill soil sampling, generally at 200m spacings, was undertaken to follow up previously sampled areas that had:-

- Older analytical techniques;
- Selected and limited elemental suite (eg. only copper, lead, zinc);
- Varying and evolving sample collection techniques;
- Gaps in coverage, or limited area of sampling (eg. due to access restrictions, agricultural activity, weather impacts etc);
- Zones of elevated geochemistry not closed off; and
- Data inconsistencies (isolated highs, end of line highs etc)

A review in 2024 revealed potential for anomaly improvement in the following areas, adding on to the previous work in 2022-2023 (Areas 1 – 3) (**Figure 1, 2 and 3**):-

Area 4: Roseleigh & Copper Hill East – 50 sites

The area east of Copper Hill suitable for future development infrastructure has had limited previous exploration.

Area 5. Wattle Hill Southeast – 48 sites

Extension of the Copper Hill Mineral Corridor, a 5 kilometre long alignment of copper-gold occurrences, where previous sampling outlined an open soil copper zone south and east of Wattle Hill but there have been no gold analyses, or trace element analyses of significant elements (e.g. molybdenum) recorded.

Area 6. Dash North – 54 sites

Strong north-south unexplained arsenic (As) trend at the Dash Prospect [with associated high silver (Ag up to 36 ppm) in rock chips, and a malachite occurrence in outcrop). The stratigraphy correlates with a limestone formation, which hosts sporadic skarn mineralisation along strike to the south at Little Copper Hill, Gamboola, Reedy Creek and Printhe occurrences.

Area 7. Gamboola – 24 sites

Unexplained elevated silver (Ag) zones up to 21 ppm silver south of Molong in previous sampling. However, there was evidence of batch effects in the results, and further sampling was undertaken to validate the previous results.

Area 8. Shades North – 43 sites

Previous close spaced sampling outlined a moderate copper anomaly which yielded elevated results in shallow drilling, interpreted to represent indications of deeper source mineralisation which remains a target for future drilling. Current sites were selected to close off the sampling pattern.

Area 9. Larras Lee South – 17 sites

Sites were selected to fill in gaps in previous coverage between Larras Lee and Shades Road, and where weakly elevated soil copper values were recorded in previous sampling.

Area 10. Larras Lee – 26 sites

A low level copper (Cu) zone at Larras Lee is open to south [also has a single point 800 ppb (0.8 ppm) gold result at Larras North in previous 400m wide spaced soil sampling. At the Larras Lee prospect, weakly elevated copper and pathfinder arsenic geochemistry is associated with moderately elevated copper values in previous drilling. Evaluation of the 2025 gravity survey completed by GCR, concluded that the Larras Lee area warranted further work, either gravity infill or IP surveying.

Following evaluation of the new analyses, integration with previous results is planned, to produce a comprehensive geochemical dataset to assist exploration targeting.

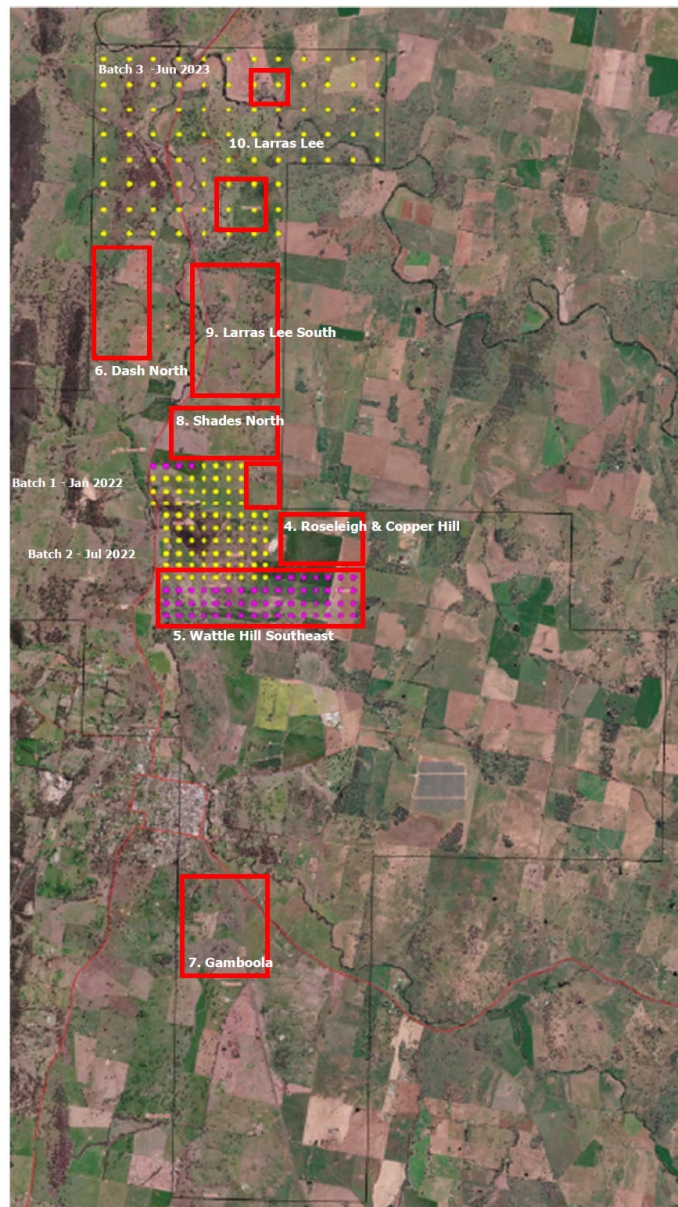


Figure 1: Geochemistry: Infill & extension sample areas

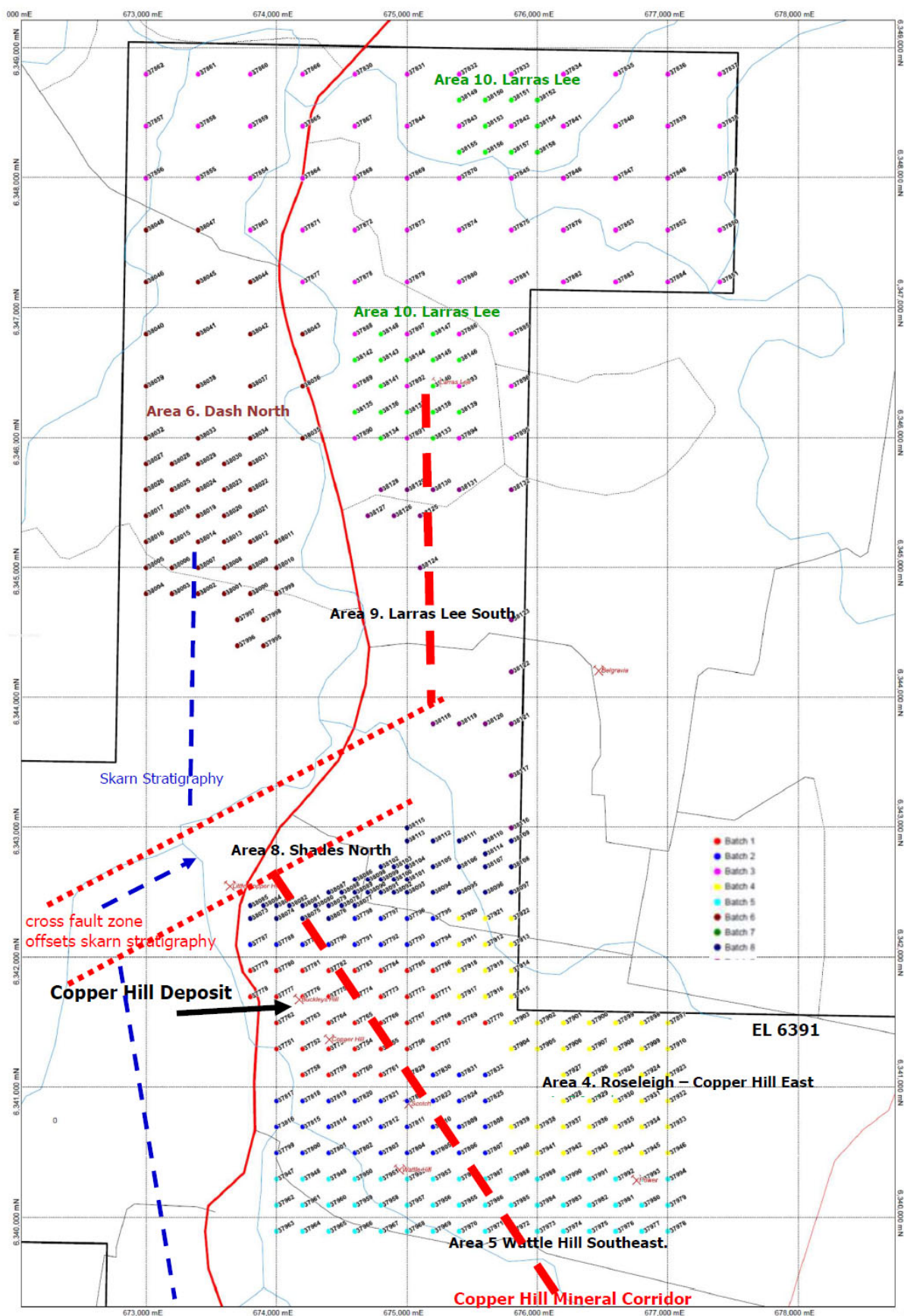


Figure 2: Geochemistry: Infill & extension sample locations
 [red, blue and purple dots = 2022-23 sampling]
 [showing fundamental interpretation of lithostructural features]

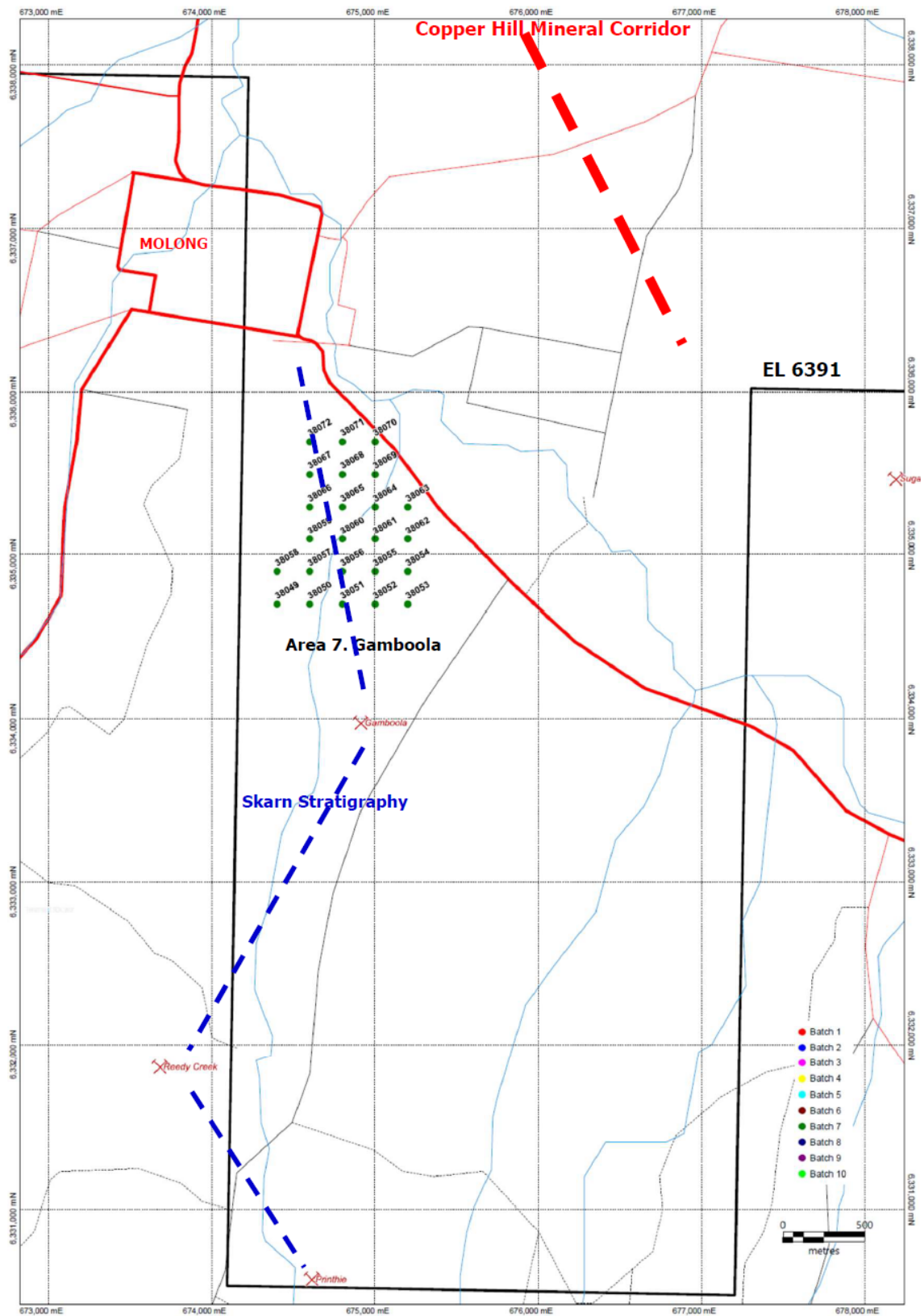


Figure 3: Geochemistry: Molong South - Gamboola
Completed validation samples

About Copper Hill Project

Copper Hill is within the same Ordovician-age Macquarie Arc volcanic belt (the Molong Volcanic Belt – “MVB”) that hosts Cadia-Ridgeway and other significant gold-copper deposits in the Central West Region of NSW (Figure 4).

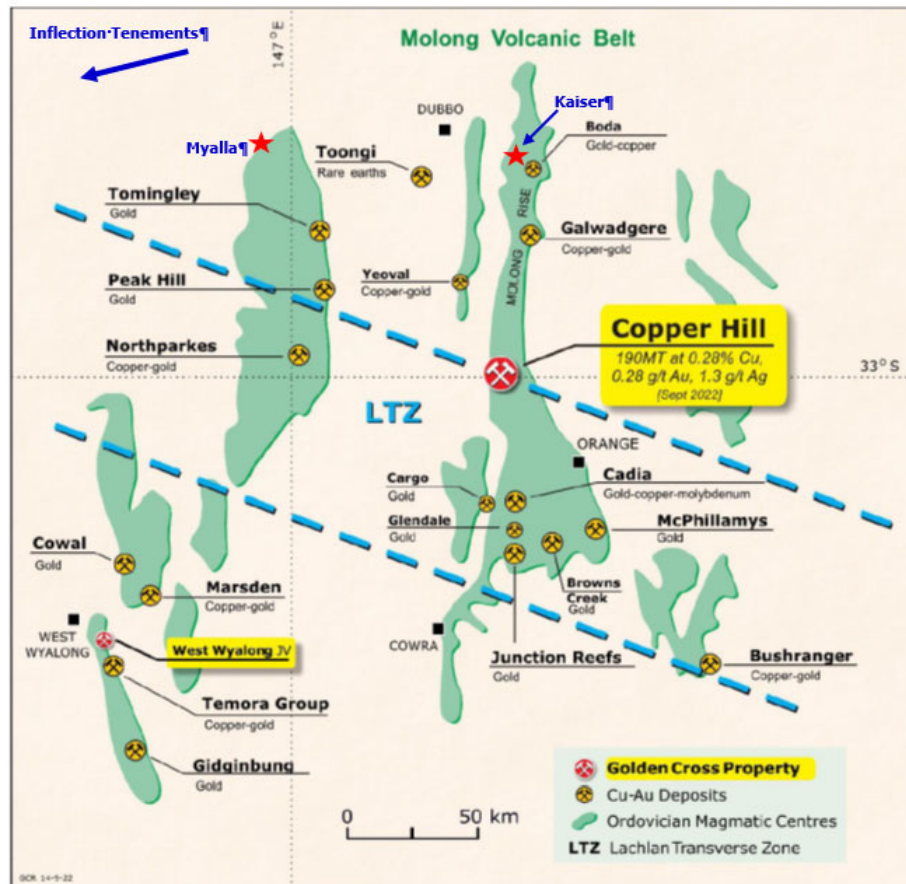


Figure 4: Copper-gold deposits of the Macquarie Arc

Copper Hill is approximately 50 kilometres north of Cadia on the northern edge of a structural corridor formed by the interpreted west-northwest (WNW) trending Lachlan Transverse Zone (LTZ). Cadia is one of Australia’s larger producing gold mines and was a significant component of the resource portfolio that led to acquisition of Newcrest Mining Ltd by Newmont in late 2023.

The Boda Prospect and the Kaiser Prospect of Alkane Exploration Limited (ASX:ALK) also in the Molong Volcanic Belt are approximately 60 kilometres north of Copper Hill,

In September 2022, GCR announced an updated Mineral Resource Estimate (“MRE”).
(see GCR ASX Announcement of 6 September 2022: Substantial Increase Mineral Resource Estimate – Copper Hill)

Table 1: 2022 MRE by Classification
(above either 0.2% Cu or 0.2g/t Au Cut-off Grades, within 2022 Pit Shell)

Class	Mt	%Cu	g/t Au	g/t Ag	% S	SG	Mt Cu	Moz Au	Moz Ag
Measured	58	0.32	0.34	1.5	2.3	2.61	0.19	0.65	2.8
Indicated	74	0.27	0.26	1.3	2.5	2.63	0.20	0.62	3.1
Inferred	58	0.23	0.25	1.1	2.5	2.65	0.14	0.45	2.1
Total	190	0.28	0.28	1.3	2.4	2.63	0.52	1.72	7.9

References to Previous ASX Releases

5 January 2022: Copper Hill Tenement: Planned Geochemistry Surface Sampling Completed
13 July 2022: Copper Hill: Geochemistry Surface Sampling Update
6 September 2022: Substantial Increase Mineral Estimate – Copper Hill
3 June 2023: Copper Hill: Geochemistry Surface Sampling Update
18 February 2025: Copper Hill Gravity Surveys Completed
26 February 2025: Copper Hill: Surface Geochemistry Activities
19 March 2025: Copper Hill Tenement Gravity Survey Interpretation
20 March 2025 Copper Hill: Surface Geochemistry Progress
17 April 2025: Quarterly Activities/Appendix 5B Cash Flow Report

Details from the MRE report were released in a GCR ASX announcement on 6 September 2022. GCR confirms that it is not aware of any new information or data that materially affects the information included in that ASX announcement. GCR confirms that all material assumptions and technical parameters underpinning the MRE in that ASX announcement continue to apply and have not materially changed. The MRE report is based on work compiled by Mr Arnold van der Heyden, a Member and Chartered Professional (Geology) of the Australasian Institute of Mining & Metallurgy (AusIMM) and a director of H&S Consultants Pty Ltd (HSC). GCR confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the original ASX announcements.

Competent Person Statement

The information in this report that relates to Exploration Results is based on information from previous reports, compiled by Mr Bret Ferris, who is a Member of the Australasian Institute of Geoscientists. (AIG). Mr Ferris is a geological consultant to Golden Cross Resources Ltd, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity 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 Ferris consents to the inclusion in this report of the matters based on that information in the form and context in which it appears.

Forward-Looking Statement

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning planned exploration program 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 Golden Cross Resources Ltd 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.

Authorised for release by

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