

AIRCORE DRILLING COMMENCES ON BENALLA GOLD TREND

Highlights:

- 4,000 metre aircore drilling program has commenced at the Leonora East Gold Project
- Drilling is a first-pass test of priority geochemical and geophysical targets on the Benalla Gold Trend (BGT) identified by auger sampling
- Golden Mile holds extensive strike length of mineralised structures along strike from the Cardinia Mining Centre
- No previous drill testing has ever been undertaken on these targets
- Work program expected to be completed during August 2020

Golden Mile Resources (ASX: G88, "Golden Mile" or "the Company") is pleased to advise that it has commenced an aircore ("AC") drilling program on the Benalla Gold Trend ("BGT") at its Leonora East Gold Project located in the North-Eastern Goldfields of WA (Figure 1).

The maiden drilling program is designed to evaluate a number of priority surface geochemical anomalies defined by previous geochemical auger sampling over the BGT (*please refer to Golden Mile Resources announcement to the ASX dated 9 September 2019*).

Commenting on the latest round of drilling, Golden Mile's Chairman, Rhod Grivas, said:

"The priority targets generated by early stage exploration on the BGT have the right scale and geological potential for a significant gold discovery. We are very encouraged that these anomalies have similar size and intensity to other known gold deposits in the adjacent Cardinia Mining Centre.

"The first phase of AC drilling on these targets is designed to identify the footprint of a gold mineralised system and to provide valuable geochemical and geological data which will be used to systematically vector in towards potential deeper primary gold lodes.

"The Company's technical team is excited to undertake this initial drilling, having systematically completed all the early stages of exploration in a prospective belt that has not been effectively tested by previous work. We look forward to reporting results from drilling over the next few months."

Benalla Gold Trend

The Benalla Gold Trend is located approximately 40 km to the east of Leonora and covers the western side of a broad fold structure containing a sequence of mafic to felsic intrusive and volcanic rocks. The BGT contains a number of historical gold workings and numerous undocumented gold occurrences. Gold mineralisation is apparently associated with structures that typically have a northwest or northeast orientation.

MARKET DATA

ASX Code: G88
Share Price: \$0.06 (as at 18/08/2020)
Market Cap: \$5.4 Million
Shares on Issue: 89,182,663
Options on Issue: 11,075,000
Cash at bank: \$0.6 Million (as at 30/06/2020)

BOARD & MANAGEMENT

Rhoderick Grivas - Non-Executive Chairman
Phillip Grundy - Non-Executive Director
Caedmon Marriott - Non-Executive Director
Justyn Stedwell - Company Secretary

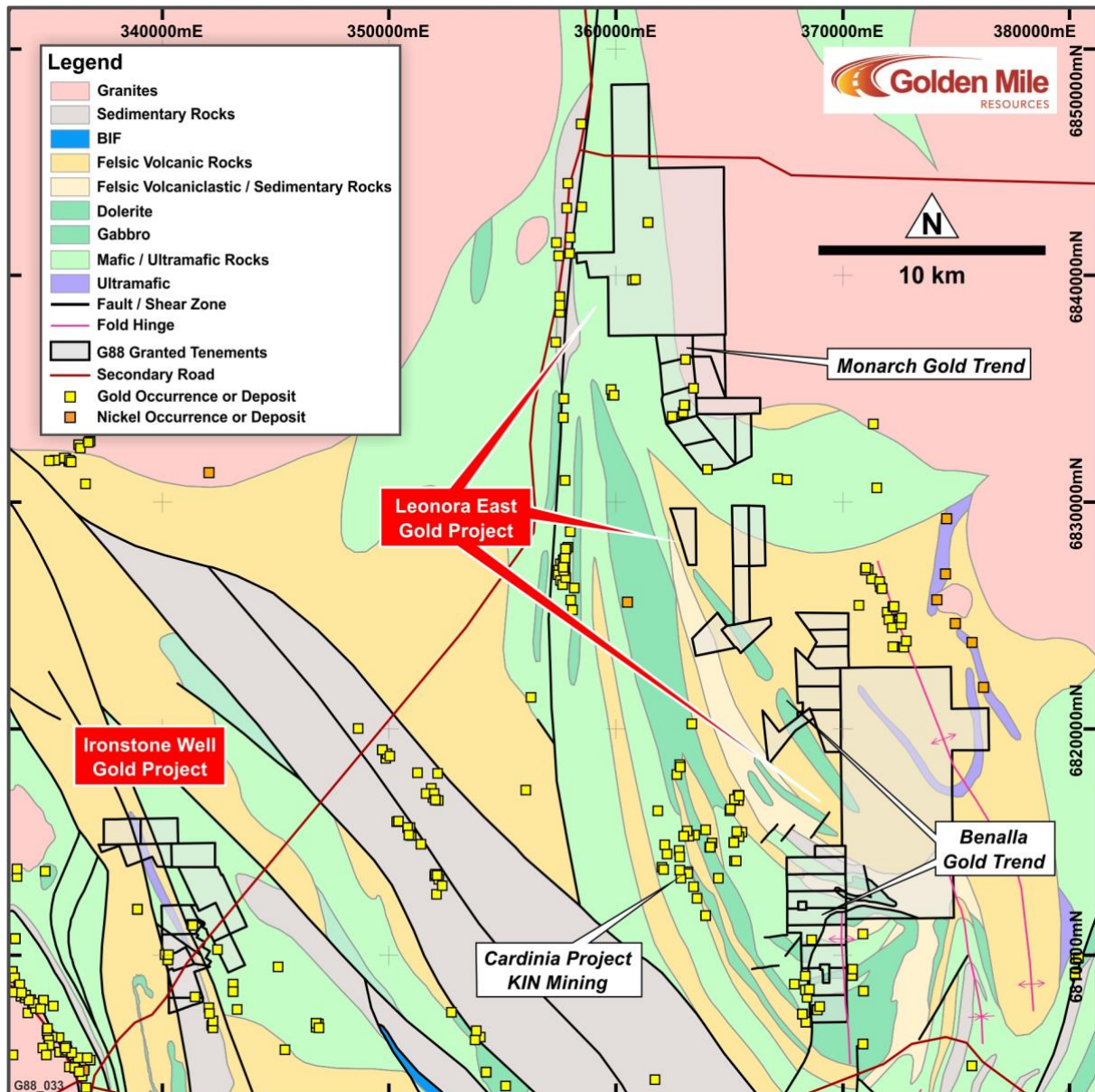


Figure 1: Regional interpreted geology map showing the location of the Benalla Gold Trend, Leonora East Gold Project.

The BGT contains a number of high priority surface geochemical gold anomalies that have never been tested with drilling. Coherent gold anomalism extends collectively over more than 10 kilometres of strike, confirming that the BGT contains a significant gold mineralised system. The gold anomalies trend in a northwest-southeast orientation, suggesting an underlying structural control that are likely to extend along strike to the northwest into the known mineralisation at Cardinia.

At Cardinia, Kin Mining NL (ASX:KIN) have defined a number of gold deposits with a total Measured, Indicated and Inferred gold resource of 409,000 oz Au (*refer to KIN ASX Announcement dated 17 February 2020 "CGP Mineral Resource Estimate Update to 945koz"*) in a similar geological terrane to the Company's project area (Figure 1). Recent discoveries by KIN indicate that high-grade, near surface gold mineralisation occurs within 1 to 2 km of the Golden Mile tenement areas (*e.g. Cardinia Hill and Helens South Prospects, refer to KIN ASX Announcements dated 27 April 2020, 18 May 2020 and 3, 9 and 19 June 2020*).

A recent airborne magnetic survey (please refer to Golden Mile Resources announcement to the ASX dated 2 July 2020) highlighted a number of important southeast-trending structures in the BGT that are along strike from Cardinia where KIN are successfully discovering and extending gold deposits associated with similar structural trends and prospective lithological contacts. The survey has also identified previously unrecognised northeast to north-northeast trending structures that may also have a role in the localisation of gold mineralisation, similar in nature to those intersecting Cardinia (Figure 2).

The interpreted structures spatially correlate with known surface geochemical anomalies that have previously been identified on the BGT. The Company has identified these areas as priority gold targets for further exploration follow-up as they are located along strike of the Cardinia Hill and Helens gold deposits and along the interpreted East Lynne trend (Figure 2).

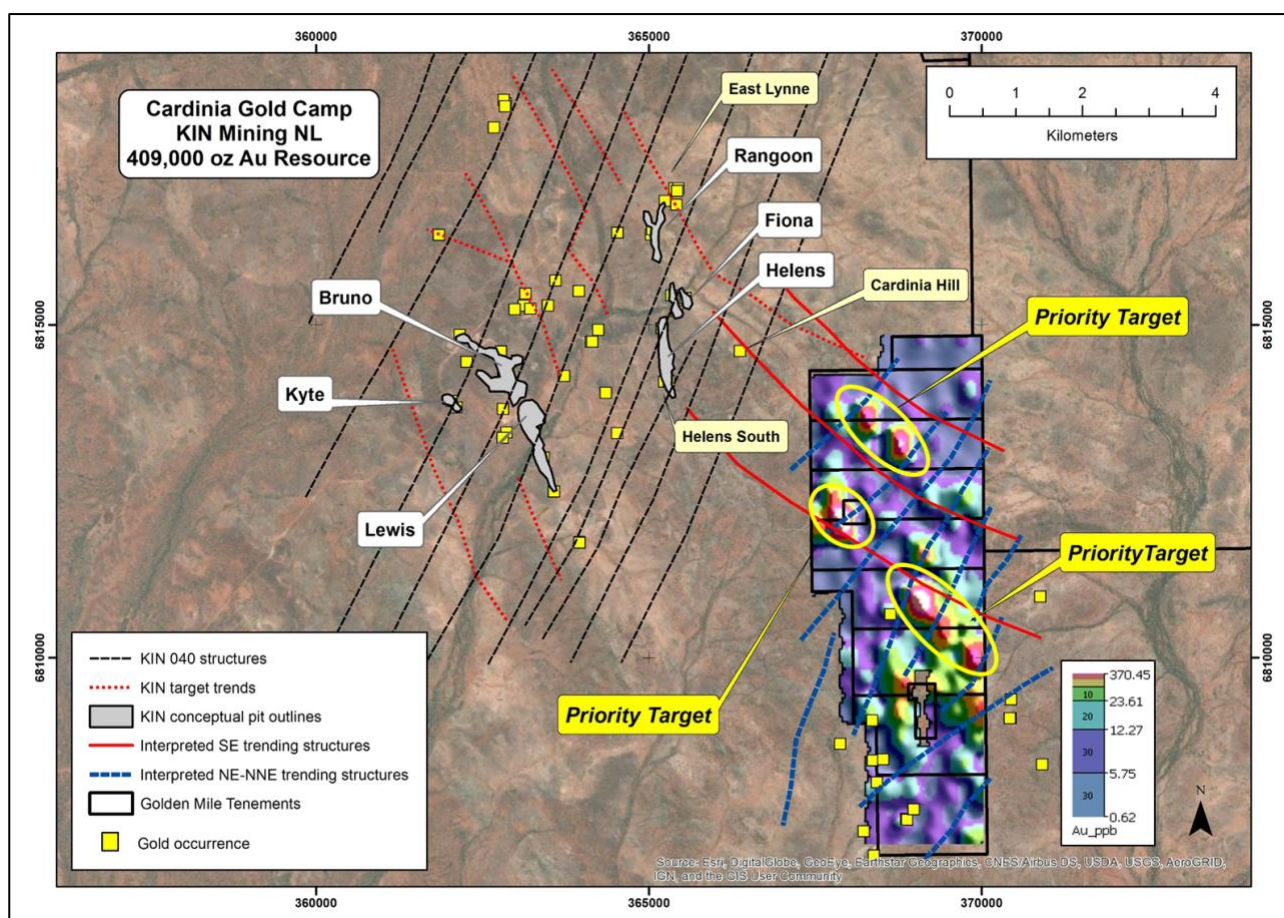


Figure 2: Schematic map showing the location of gold geochemical anomalies and interpreted structures on Golden Mile's BGT tenements with respect to proposed open pits and other prospect locations defined by Kin Mining NL. Priority exploration targets have been identified where gold anomalism is spatially associated with favourable mafic lithologies and cross-cutting structures. Refer to references in the text for the source of the Kin Mining NL information.

Aircore Drilling

A program of Aircore (AC) drilling has commenced to evaluate the high ranked gold anomalies on the BGT. This program will be undertaken on a nominal 100 x 25 metre spacing and the total proposed program comprises approximately 100 AC drill holes for 4,000 metres of drilling.

Further Work

The Company will review assay results from the AC drilling samples to determine the primary source of the surface geochemical gold anomalies. Any identified mineralised structures will subsequently be targeted with a systematic RC percussion drilling program to determine the full extent and gold grade of these structures.

The AC drilling program is anticipated to be completed by late-August 2020 and the Company looks forward to updating shareholders with the results of the work in due course.

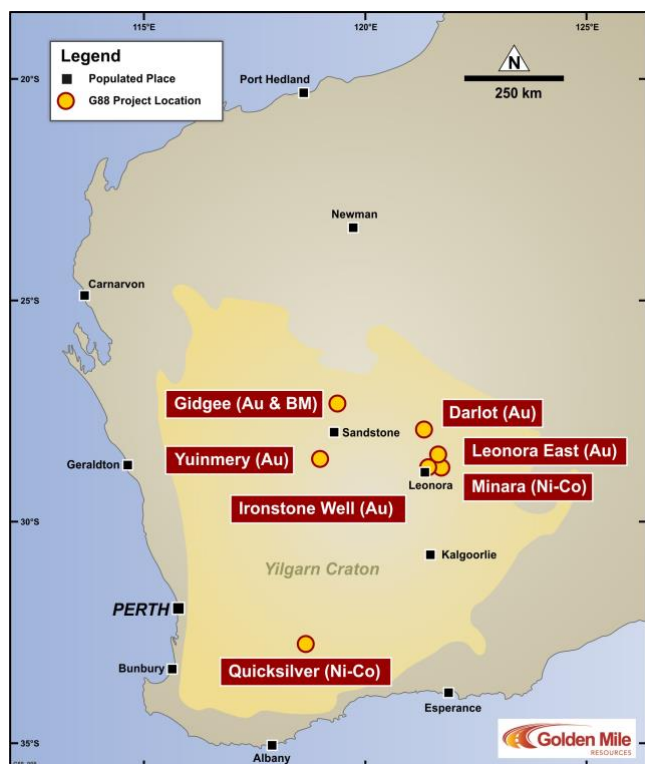
This Announcement has been approved for release by the Board of Golden Mile Resources Limited.

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About Golden Mile Resources Ltd



Golden Mile Resources is an Australian based exploration and development company, with an outstanding suite of gold and nickel-cobalt projects in Western Australia.

The Company was formed in 2016 to carry out the acquisition, exploration and development of mining assets in Western Australia, and has to date acquired a suite of exploration projects, predominantly within the fertile North-Eastern Goldfields of Western Australia.

The Company's portfolio includes a suite of gold projects in the North-Eastern Goldfields which include the Leonora East, Ironstone Well, Darlot, Yuinmery and Gidgee projects.

In addition, Golden Mile holds two nickel-cobalt projects, namely the Quicksilver project in the South West Mineral Field and the Minara project.

For more information please see the Company announcements on the ASX website or visit the Company's website: www.goldenmilresources.com.au

Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Golden Mile Resources Ltd (ASX: G88) 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 Mile Resources Ltd (ASX: G88) 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 Persons Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based upon and fairly represents information compiled by Mr Lachlan Reynolds, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Reynolds is an employee of the Company.

Mr Reynolds 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 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Reynolds consents to the inclusion in the report of the matter based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcements referenced in this announcement. 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 announcements.