

28 September 2023

## **RC Drilling Completed at Yuinmery**

- 5 RC Holes for 1085m completed at Yuinmery Gold Project
- All holes reached the planned target depths
- Drilling has confirmed a complex structural setting comprising of basalt, dolerite and ultramafic along with shearing, hydrothermal alteration and veining in areas of known gold anomalism, demonstrating a geological setting highly favourable for gold mineralisation
- Zones of quartz stringers and stockwork veining with alteration in basalts and dolerites encountered in 4 of the 5 holes completed

**Golden Mile Resources Limited** (“Golden Mile”; “the Company”; ASX: “**G88**”) is pleased to advise that the previously announced<sup>1</sup> exploration Reverse Cycle (“RC”) drilling programme at its 100% owned Yuinmery Gold Project (“Yuinmery”) has now been completed. A total of 5 RC drillholes for 1085m were completed as shown in Figure 4.

The RC drilling has confirmed that the Yuinmery setting is a structurally complex area comprising of basalt, dolerite and ultramafic with associated moderate to strong hydrothermal alteration, quartz – carbonate veining, quartz stringers and stockwork veining.

This type of setting is known to host gold mineralisation in the region and is typical for Western Australian Archean gold in general. When considered in conjunction with gold mineralisation encountered in shallow rotary air blast (RAB) & aircore (AC) drilling, as well as large areas of gold-in-soil anomalism, it demonstrates that the Yuinmery geological setting is highly prospective for gold.

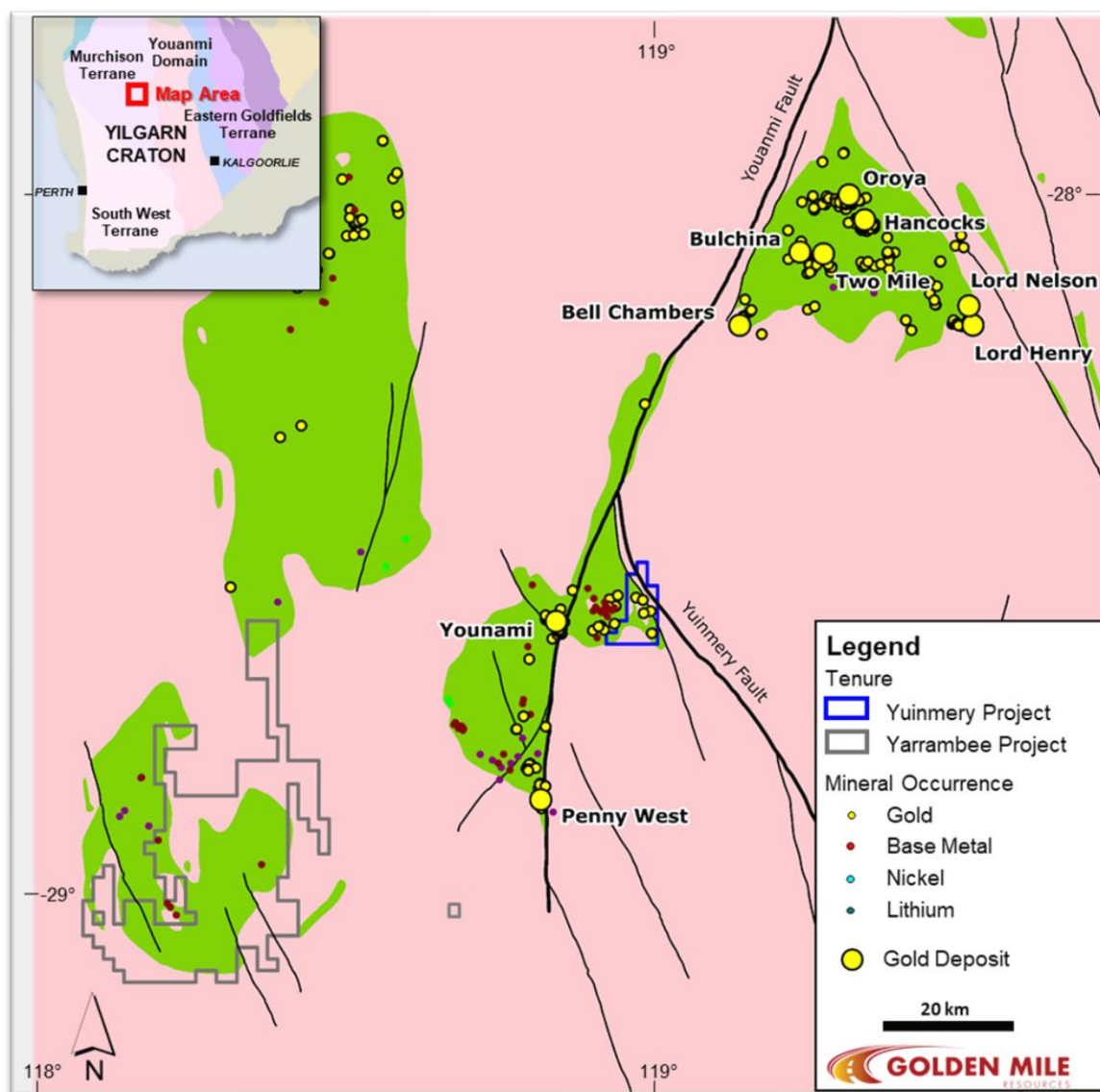
Golden Mile’s Managing Director Damon Dormer said “The completion of the initial drill programme marks a significant milestone for Yuinmery and will provide important insights into the structural setting. We will now progress into the soil sampling programme which will enable further targets to be refined for this project.”

## Yuinmery Project

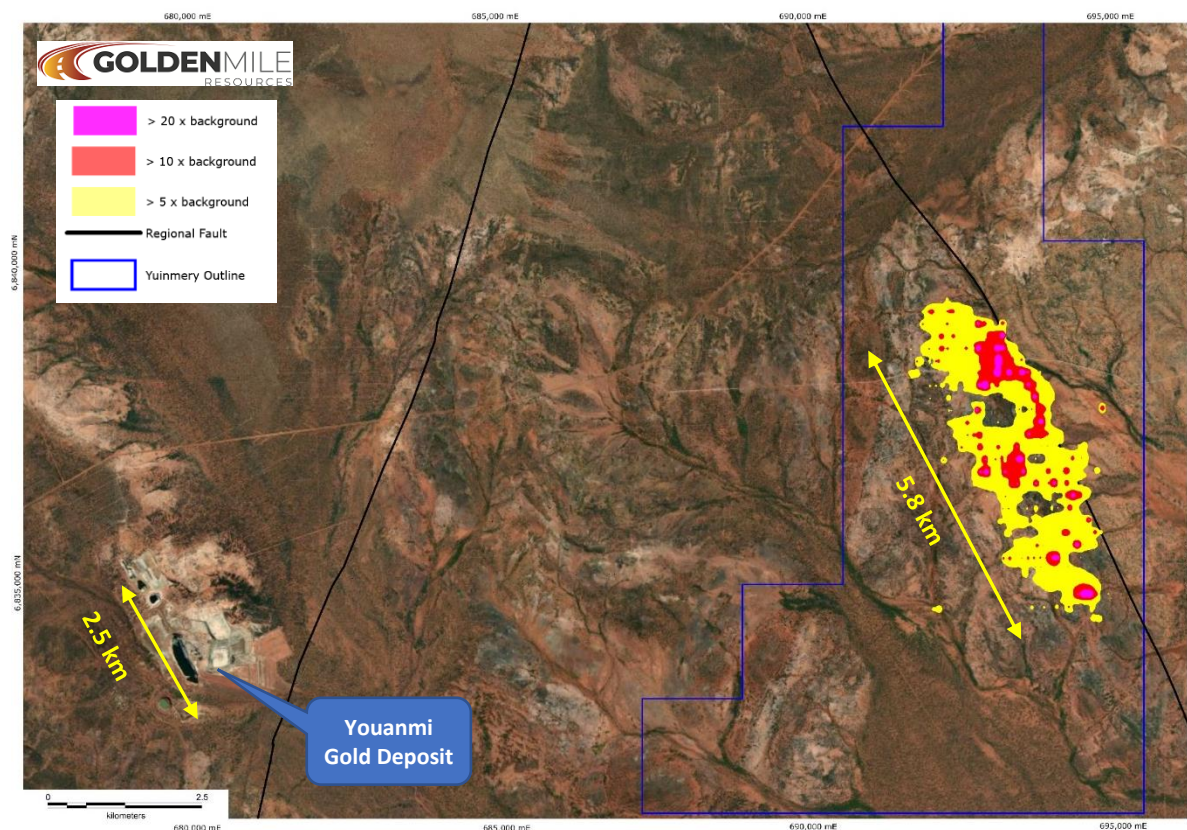
The macro setting is a large area, approximately 5.8 km long x 1.1km wide, of gold-in-soil enrichment which is co-incident with a structurally complex area associated with a flexure of the large regional Yuinmery Fault as shown in Figures 1 & 2.

Current and historical AC & RAB drilling within this area encountered widespread anomalous gold associated with quartz veining and alteration, strong shearing, and a mixture of dolerite, basalt and mafic & ultramafic schists. This demonstrates that this area is a highly prospective gold setting. Furthermore, there had been no RC drilling to test any gold bearing structures at depth until now.

The Yuinmery review<sup>2</sup> identified 3 new exciting untested gold targets - Yuinmery Trend, Happy Camper and Pirates Patch - within this macro setting with further targets to be defined. This is in addition to the Elephant Reef, Ladies Patch and Hammerhead gold prospects which the review recommended further follow-up drilling as shown in Figure 3.



**Figure 1.** Location of the Yuinmery Project within the Youanmi Greenstone Belt



**Figure 2.** Location of 5.8 km long x 1.1km gold-in-soil enrichment at Yuinmery which is orientated in the same direction as the Youanmi Gold Deposit, located 11.5km to the west.

### Targeted Yuinmery Works Programme

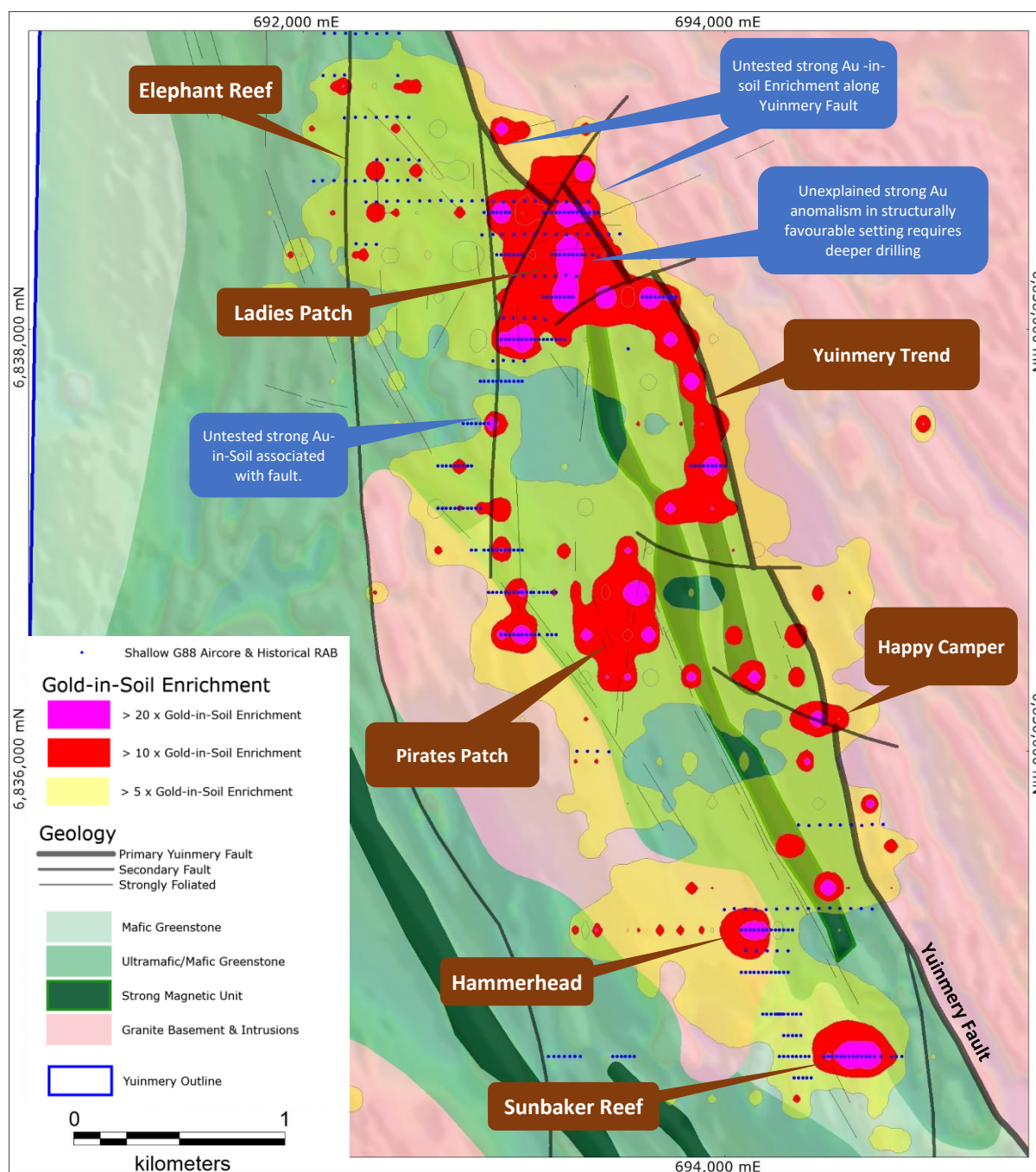
The plan for Yuinmery is to conduct a consolidated work programme to progress the numerous targets identified from previous aircore drilling<sup>1</sup>, aeromagnetic data and the Yuinmery review<sup>2</sup> conducted in May 2023.

The programme includes:

- Drill highly prospective targets which are underpinned by previous aircore drilling and soil samples;
- Improve the understanding of the stratigraphic and structural setting hosting the anomalies; and
- Refine further targets through improving the data density from soil sampling

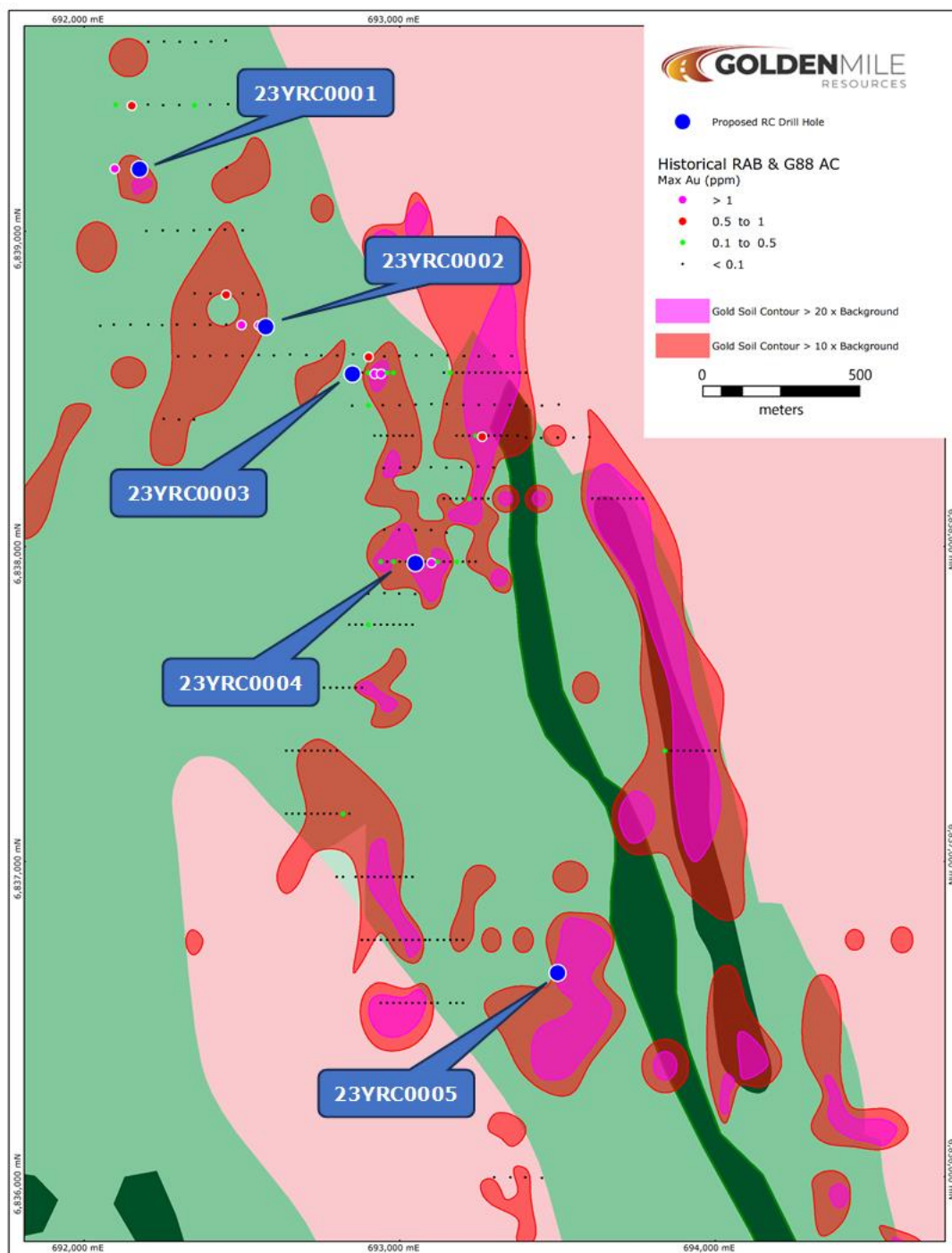
The programme was designed to drill high priority targets supported by gold mineralisation from previous drilling and strong soil anomalies. The programme will also refine targets through higher density soil sampling programme.





**Figure 3.** ~5.8 km long x 1.1km, of gold-in-soil enrichment (“surface gold enrichment”) which is co-incident with a structurally complex area associated with a flexure of the large regional Yuinmery Fault. This demonstrates that the Yuinmery project is highly prospective for gold and large prospective areas remain completely untested. Furthermore, the completed RC drilling confirms the geological setting is similar to known gold mineralisation in the region and is typical for Western Australian Archean gold in general.

The Company has now completed the first round of that drilling consisting of 5 RC drill holes for 1,085m. The drilling was completed at 5 locations within the Elephant Reef, Ladies Patch and Pirates Patch targets where there is near surface gold mineralisation intersected in shallow RAB or AC. The locations are also associated with very strong gold-in-soil anomalies & aeromagnetic structural anomalies making these locations compelling gold targets as shown in Figure 4 with hole details in Table 1.



**Figure 4.** Location of completed RC drilling at Yuinmery

**Table 1. Completed RC Drill Hole Summary**

Hole No	Hole Type	Depth	GDA94Z50_East	GDA94Z50_North	Azimuth	Dip
23YRC0001	RC	226	692177	6839203	270	-60
23YRC0002	RC	202	692571	6838705	270	-60
23YRC0003	RC	250	692857	6838548	90	-60
23YRC0004	RC	202	693053	6837962	90	-60
23YRC0005	RC	202	693501	6836649	90	-60

The Company is planning to commence soil sampling along the Yuinmery Trend and Happy Camper Gold prospects later this week or early next week.

The planned soils are at 100m x 50m spacing where there is only limited 200m x 100m spaced historical sampling in these areas. The historical soil sampling has delineated a large gold-in-soil anomaly and the Company believes that infilling to 100m x 50m spacing will better define the anomaly prior to drill testing.

### Forward Works

The **Yuinmery soils sampling programme** has been updated in the forward works. Outcomes from the drilling and soil sampling programmes will be incorporated into forward works after assessment of results. Milestones for the programmes are contained in Table 2.

**Table 2: Yuinmery forward works programme**

Yuinmery Forward Works Programme	Milestone	Comment
Soil Sampling Programme	Early Oct 23	
Assays from Drilling	Early Nov 23	
Assays from Soil Sampling	Late Nov 23	

### References

<sup>1</sup> [Targeted Yuinmery Works Programme](#)

31 AUG 2023

<sup>2</sup> [New Gold Targets at Yuinmery](#)

18 MAY 2023

*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 Ltd (Golden Mile; ASX: G88) is a Western Australian based project development and mineral exploration company with three tier strategy for delivering value. The primary focus is on the project development of its flagship, 100% owned Quicksilver Ni-Co project and the secondary value driver through its 100% owned, highly prospective Yuinmery gold project. Golden Mile Resources is also focused on tactical alliances with joint venture partners to maintain exposure without expense to strategic assets.

### **Competent Persons Statement**

*The information in this report that relates to Exploration Results is based upon and fairly represents information compiled by Mr Jordan Luckett, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Luckett is a full-time employee of the Company and holds Share Options as well as participating in a performance-based Share Option plan as part of his remuneration.*

*Mr Luckett 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 Luckett 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 it is not aware of any new information or data that materially affects the exploration results set out in the in the original announcements referenced in this announcement and all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. 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.*

### **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.*