

20 July 2023

Drilling to Commence at Quicksilver

Strike Drilling engaged and resources mobilised to site to commence the Quicksilver Primary Exploration Drilling

Golden Mile Resources Limited (“Golden Mile”; “the Company”; ASX: “G88”) is pleased to announce that exploration RC drilling at Quicksilver will commence shortly with the field crew mobilised and drill rig scheduled to arrive later this week.

The Quicksilver Primary programme consists of 9 RC holes and 2,350m to test the potential of disseminated nickel sulphides within the primary zone beneath the nickel-cobalt oxide Resource. The drilling may also provide further insight into the source of the Rare Earth Element (REE) mineralisation encountered in the oxide which remains unexplained.

Highlights

- Disseminated nickel sulphide potential to be tested with drilling into the primary rock in the proximity of 23QDD008⁵ which intersected 49m at 1.74% nickel (Ni), 0.071% cobalt (Co) from 30m.
- Deeper drilling to better understand the potential source of REE mineralisation encountered within the nickel-cobalt oxide resource.
- Provide improved understanding of the relationship between the structural setting, including the “Fault” and the nickel, cobalt, scandium and REE mineralisation.

Golden Mile’s Managing Director Damon Dormer said *“It’s exciting to commence this campaign on the back of the previous excellent drill results and test the primary potential underneath the oxide. The possibility of disseminated nickel sulphides could increase the longevity of Quicksilver and provide significant scaling opportunities.”*

Quicksilver Nickel-Cobalt Project

The Quicksilver Nickel-Cobalt Project (“the project”; “Quicksilver”) is located near the town of Lake Grace (approximately 300km SE of Perth) on privately owned farmland in an area with excellent local infrastructure. The project is an oxide clay hosted nickel-cobalt deposit with an Indicated and Inferred Resource of ¹:

Classification	Tonnes (Mt)	Ni Grade (%)	Co Grade (%)	Contained Ni (t)	Contained Co (t)
Indicated	4.4	0.72	0.049	31,900	2,100
Inferred	21.9	0.63	0.042	136,600	9,100
Total	26.3	0.64	0.043	168,500	11,300

cut-off grade >0.5% Ni or >0.05% Co

Further to the defined Resource, Quicksilver has confirmed mineralisation of REE's² and significant high-grade scandium³ (Sc) within the Resource envelope.

Quicksilver Primary Drill Programme

The primary purpose of the of the drill programme is to test the disseminated nickel sulphide potential within the primary zone, with concentration in the northern area of the Resource where the oxide nickel-cobalt grade is highest.

The secondary purpose of the drill programme is to gain an improved understanding of the geological and structural setting that may provide further insight into the potential primary source of the REE mineralisation encountered in the nickel-cobalt oxide Resource which currently remains unexplained.

The drill programme consists of 9 RC holes for a total of 2,350m as detailed in Table 1 and shown in Figure 1.

Table 1. *Location of proposed exploration RC drill holes at Quicksilver to test for primary disseminated nickel and cobalt sulphide mineralisation.*

Proposed Hole No	E (GDA94Z50)	N (GDA94Z50)	Proposed Depth (m)	Dip	Azimuth
SP1	657150	6370199	300	-55	270
SP2	657065	6370407	300	-55	270
NP1	656925	6371000	300	-55	270
NP2	656815	6371000	200	-55	270
NP3	656999	6371200	250	-60	270
NP4	656842	6371220	300	-55	270
NP5	657015	6371300	300	-60	270
NP6	656800	6371300	250	-55	270
NP7	656950	6371400	150	-60	270
Total			2350		

Recent metallurgical PQ diamond drilling intersected wide zones of high-grade nickel and cobalt which included 49m @ 1.74% nickel (Ni), 0.071% cobalt (Co) from 30m in hole 23QDD008⁵. The tenor of the high-grade nickel and cobalt is uncommon for oxide nickel mineralisation and may be an indication of higher concentrations of primary nickel in the original protolith rock from which the oxide was derived.

The Company believes this could be explained by the presence of layered disseminated nickel sulphide accumulations in the original protolith that may still be occurring at depth. Disseminated nickel sulphide accumulations can be an economic source of nickel provided there is sufficient tonnes and grade.

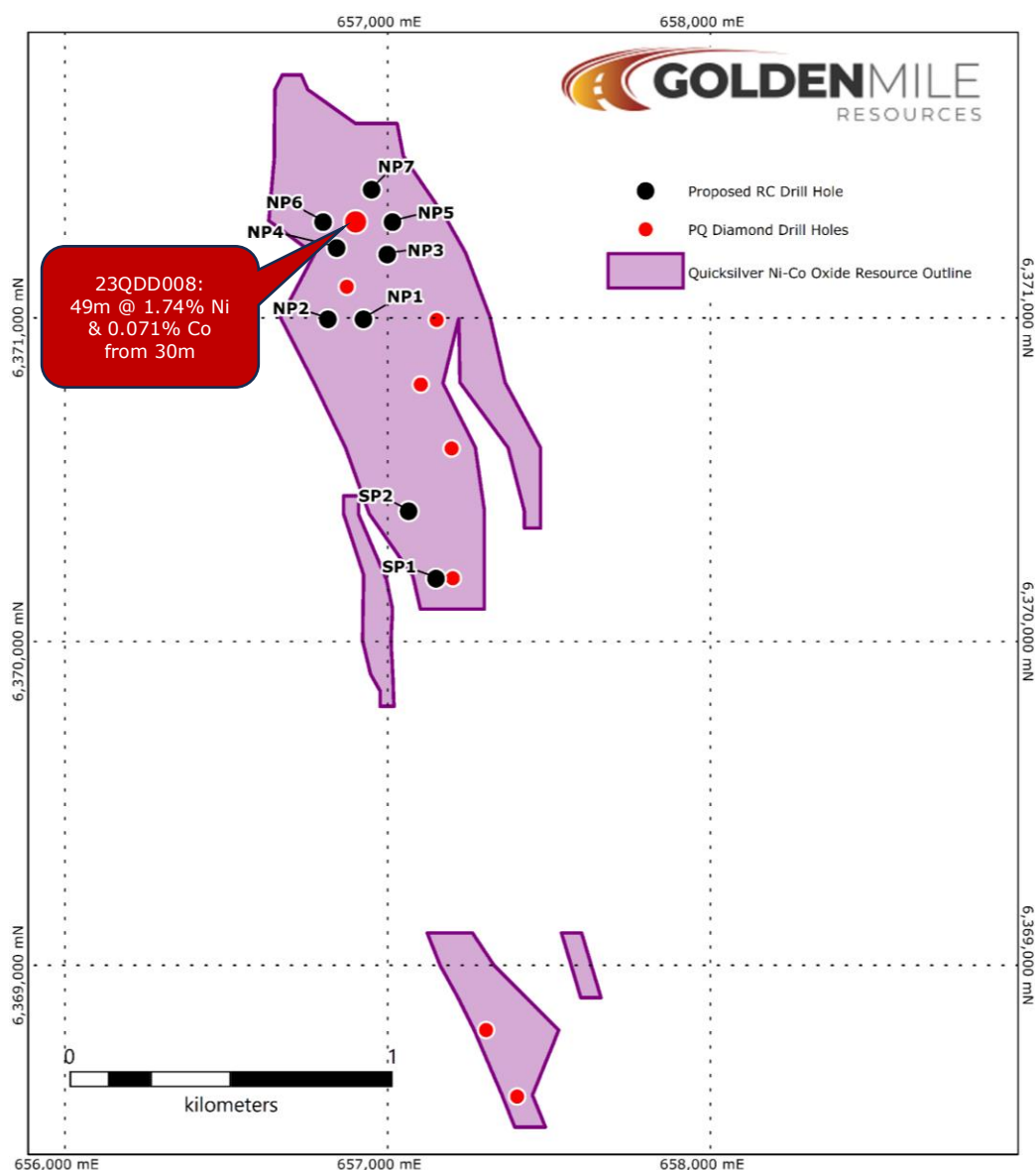


Figure 1. Location of proposed RC holes (black dots) and recently completed PQ diamond drilling (red dots)

The primary zone, the unoxidized area underneath the current Resource, remains untested with only some limited deeper drilling testing discreet EM anomalies within the oxide resource envelope. There are no holes drilled below the oxide zone in the northern area near the location of diamond hole 23QDD008.

The field crew has mobilised to site with the drill rig scheduled to arrive later this week and will commence drilling shortly after. The Company will provide a further update confirming that the drilling has commenced.

Works Programme

The Quicksilver Primary RC programme and associated testing have been incorporated into the Works Programme. Implications of the Quicksilver Primary drilling programme will be incorporated into future works programmes based on the received results.

Table 2. *Project Milestones for Quicksilver*

Testwork	Milestone	Comment
Accelerated Drilling of Targets		
Commence QS Primary Drill Programme	21 Jul 23	Scheduled commencement of 1 st hole
Completion of QS Primary Drill Programme	Late Aug 23	
Assays from Drilling	Early Oct 23	
Phase 1		
Priority 2 Assays – Ancillary	End of Jul 23	Incorporates additional assays
Scrubbing and Screening	End of Jul 23	
Magnetic Separation and Cyclone	End of Aug 23	
Flowsheet Review	Early Sep 23	
Commence Scoping Study ¹ (SS)	Mid Sep 23	
Additional Ni Recovery from – 1mm fraction	End Oct 23	Post SS commencement
Phase 2		
Assays of REE pulps and Concentrate	End of Aug 23	
Assays of Scandium in Concentrate	End of Aug 23	
Downstream concentrate treatment	Early Nov 23	

¹Scoping Study dependant on positive metallurgical results

References

- ¹ [Quicksilver Nickel-Cobalt – Significant Maiden Resource](#) 19 NOV 2018
- ² [REE Mineralisation Confirmed at Quicksilver Ni-Co Project](#) 18 JAN 2023
- ³ [Further REE & Scandium Mineralisation at Quicksilver Project](#) 01 MAR 2023
- ⁴ [Diamond Drilling Completed at Quicksilver](#) 05 APR 2023
- ⁵ [Highest-ever Nickel Grades at Quicksilver](#) 14 JUN 2023

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

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Note 1: Refer ASX announcement on the said date for full details of these results. Golden Mile is not aware of any new information or data that materially affects the information included in the said announcement.

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 both Shares and 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.