

2 August 2023

## Exploration commences at the Mt Rawdon West Project

(100% owned, Queensland)

- Exploration has commenced at the Company's strategic project located in Queensland, prospective for copper gold porphyry systems.
- The tenement covers the two main mineralising structures in the region, host to the Mt Rawdon 1.8Moz gold mine (Evolution Mining) and the Mt Perry copper-gold mineral field.
- Existing historical gold, copper, and molybdenum mines are located on the tenement, within the intersection zone of major regional structures.
- No modern exploration has been completed on the project in recent years, without a single drill hole on the tenement to date.
- The exploration program will confirm and test the extent of the Cu-Au-Mo anomaly at Wonbah and extend the soil samples to cover the width of the tenement.
- Systematic exploration programs will be completed to understand the full potential of the project in the coming months, with a drill campaign to commence in 2023.



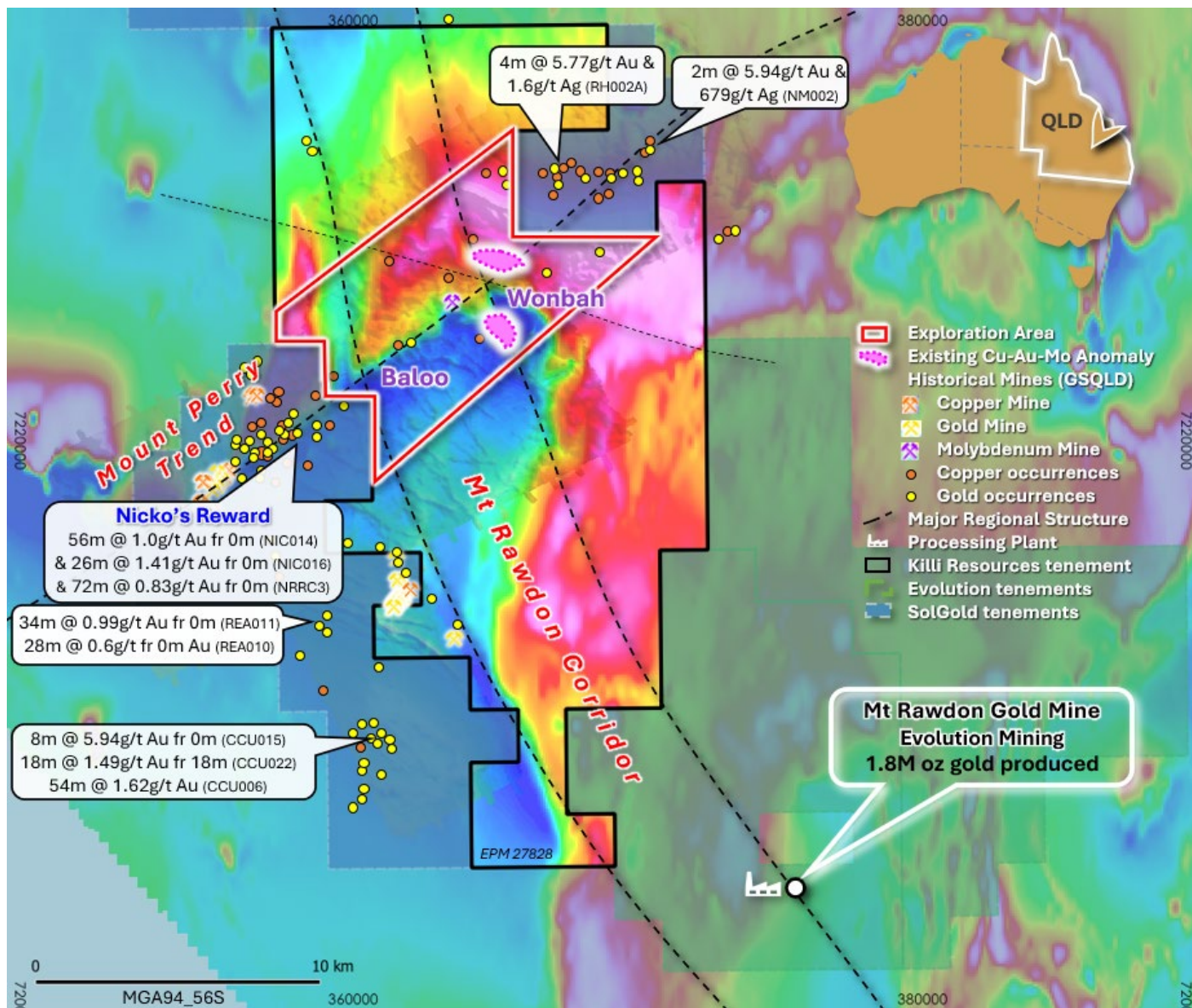
**Figure 1.** Soil samples being collected at the Mt Rawdon West Project in Queensland (July 2023).



Killi Resources Limited ('Killi' or the 'Company') (ASX: KLI) is pleased to announce the first round of exploration has commenced at the Mt Rawdon West Project, granted to the Company in 2022.

The Mt Rawdon West Project consists of a singular strategic tenement of 309km<sup>2</sup> which covers intersecting mineralised structures hosting the 1.8Moz Mt Rawdon Gold Mine owned and operated by Evolution Mining and Mt Perry copper-gold mineral field owned by SolGold, situated inland from Bundaberg in Queensland, Figure 2.

The district has a rich mining history with significant gold, copper and molybdenum mines in close proximity and on the project.



**Figure 2.** Mt Rawdon Project location, 65kms inland from Bundaberg in Queensland, covering 35kms of prospective strike for gold and copper mineralisation, from the Mt Rawdon Gold Mine and Mt Perry mineral field, over regional geophysical imagery (GSQ Magnetics-TMI).

**Killi Chief Executive Officer** Kathryn Cutler said "The Mt Rawdon West Project was granted to the Company in early 2022, and since then the team has been busy working up the exploration strategy in the background, generating a robust database, reconciling historical reports and establishing access with our landholders and stakeholders. All while continuing our exploration programs in the Tanami and Townsville.

The project is highly prospective for porphyry gold-copper systems, with an existing gold system 10km along strike, old mines and shafts located on the project, and a significantly complex geophysical signature, the project ranks highly in our priorities.

There are no drill holes on the project to date, and we look forward to working up our targets and putting the first drill holes on project later this year.

The exploration strategy for the Company has been to work through Killi's belt-scale project portfolio generating targets and testing them by the most effective means possible in search of a new mineral discovery. We could not be more excited to be out completing the first round of exploration on the project in over a decade and look forward to reporting to the market our findings in coming months.

### Mt Rawdon West exploration program

Exploration will focus on the area of intersection of the main mineralised corridors, at the Wonbah and Baloo prospects, in the centre of the tenement.

Field work will include ground-truthing the location of existing historical mines from historical mining reports, as well the collection of ~200 surface soil samples which extend and cover the area in the centre of the tenement. Rock chip samples will also be collected from areas of interest determined during the exploration program.

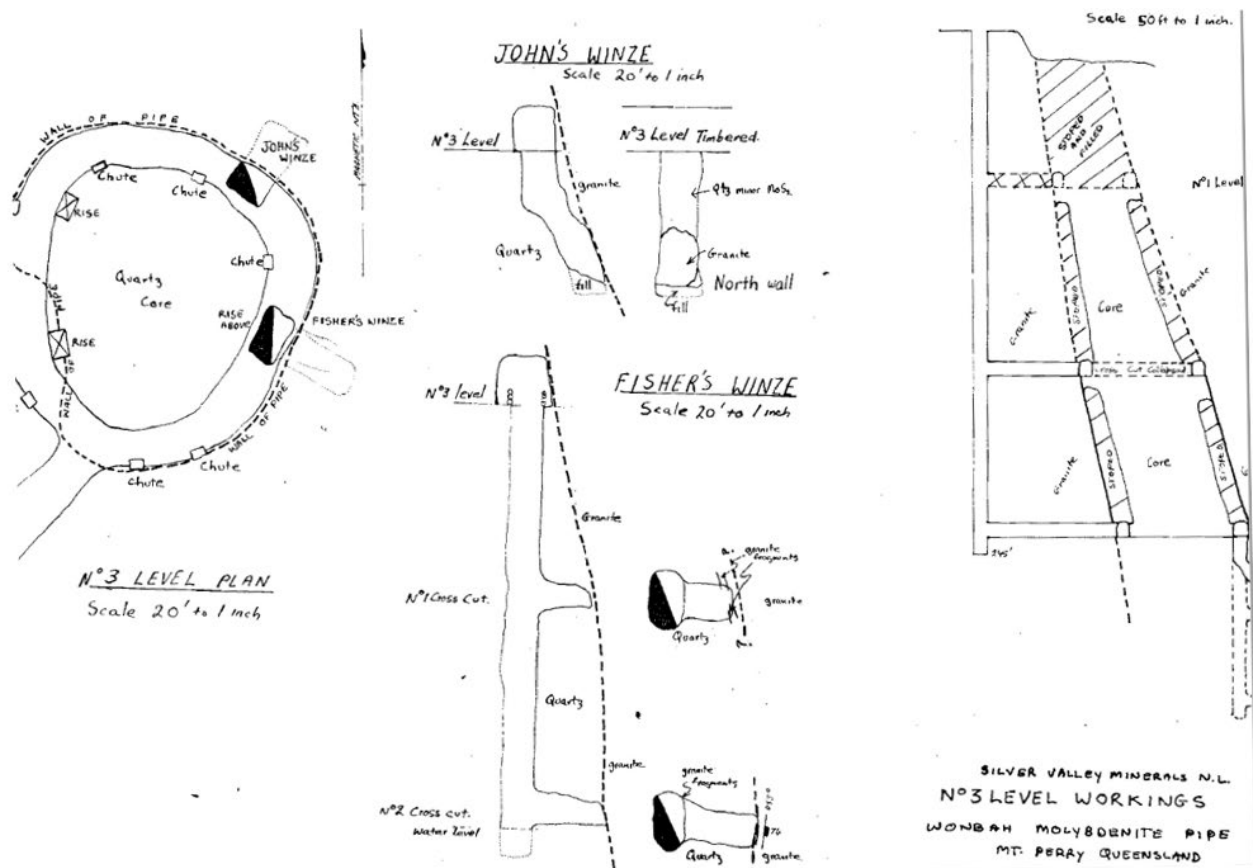
The geochemical program will be completed in early August with results expected in mid-September.

### History of the Project

Historically this region was part of the Mt Perry Goldfields, a 184km<sup>2</sup> area, host to 60 recorded copper and gold mines.

Located in the centre of the tenement is the **Wonbah Molybdenite Mine**, first recorded in 1884 when a quartz-pipe containing molybdenite in granite was identified in outcrop. The ore body is a circular pipe, pitching to the north-east at approximately 75 degrees, with the diameter of the pipe increasing in size with depth, representing a cone, Figure 3.

9,591 tonnes of molybdenite ore was produced between 1917-1920, with minor tonnes extracted between 1936-1939 and again in 1943, with old workings to 72m depth.



**Figure 3.** Schematic of Wonbah Molybdenite Mine, plan view (left) and cross-section of underground workings (right) (1972 Inspection Report, Silver Valley Minerals).

Two historical vertical shafts are also located on the tenement, south of the Mt Perry townsite, mined for gold. However, no production data has been found to date.

No drillholes have been found in historical annual reports to the mines department which test the main targets on the project, or test beneath known mines or deposits.

During the 2023 field season the Company plans to ground truth the location of these historical mines and determine any future potential or opportunity for discovery.

*Authorised for release by the Board of Killi Resources Limited.*

### Media Enquires

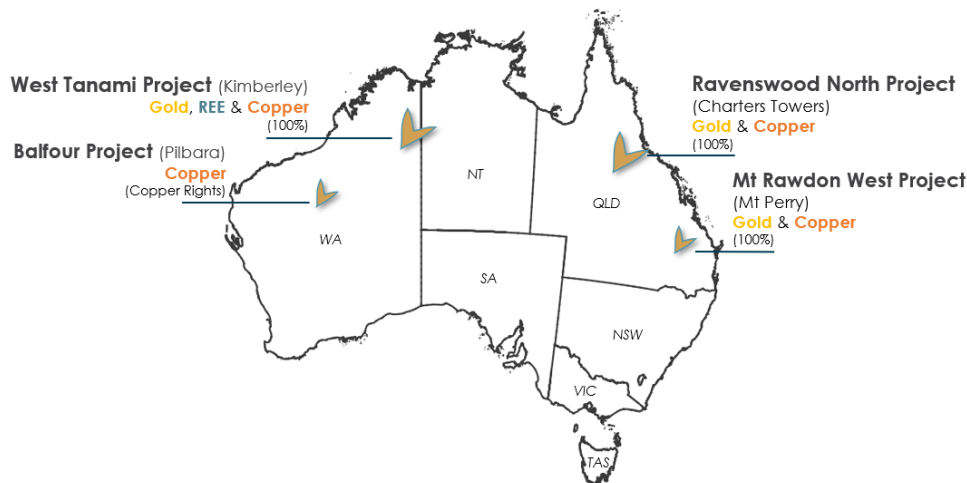
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### Competent Person's Statement

The information in this report that relates to Exploration Results is based on information compiled by Ms Kathryn Cutler. Ms Cutler is a Member of The Australasian Institute of Mining and Metallurgy. Ms Cutler has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are 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. Ms Cutler consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

### About Killi Resources Limited

Killi Resources (ASX: KLI) is a gold, copper and rare earth explorer with wholly owned assets in WA and QLD in Australia, Figure 4. The Company is focussed on underexplored provinces with the potential for a large-scale new discovery.



**Figure 4.** Location of Killi Resources Limited gold, copper and rare earth projects in Australia.

The Company owns 100% of the **Mt Rawdon West Project** located inland from Bundaberg in Queensland. The project consists of one granted 305km<sup>2</sup> tenement. The land holding covers the intersection of the highly prospective Mt Rawdon gold corridor with the Mt Perry copper-gold corridor, within the Mt Perry region, Figure 5. The Mt Rawdon gold mine is only 8km from Killi's tenement boundary. The Mt Rawdon Gold Mine has produced 1.8 million ounces of gold to date, consistently producing 75,000 - 80,000oz annually.

The controlling mineral structures from Mt Rawdon and Mt Perry deposits intersect in the centre of Killi tenure, at the Wonbah and Baloo prospects, and the Company is actively exploring the project for Porphyry Copper/Gold Systems.

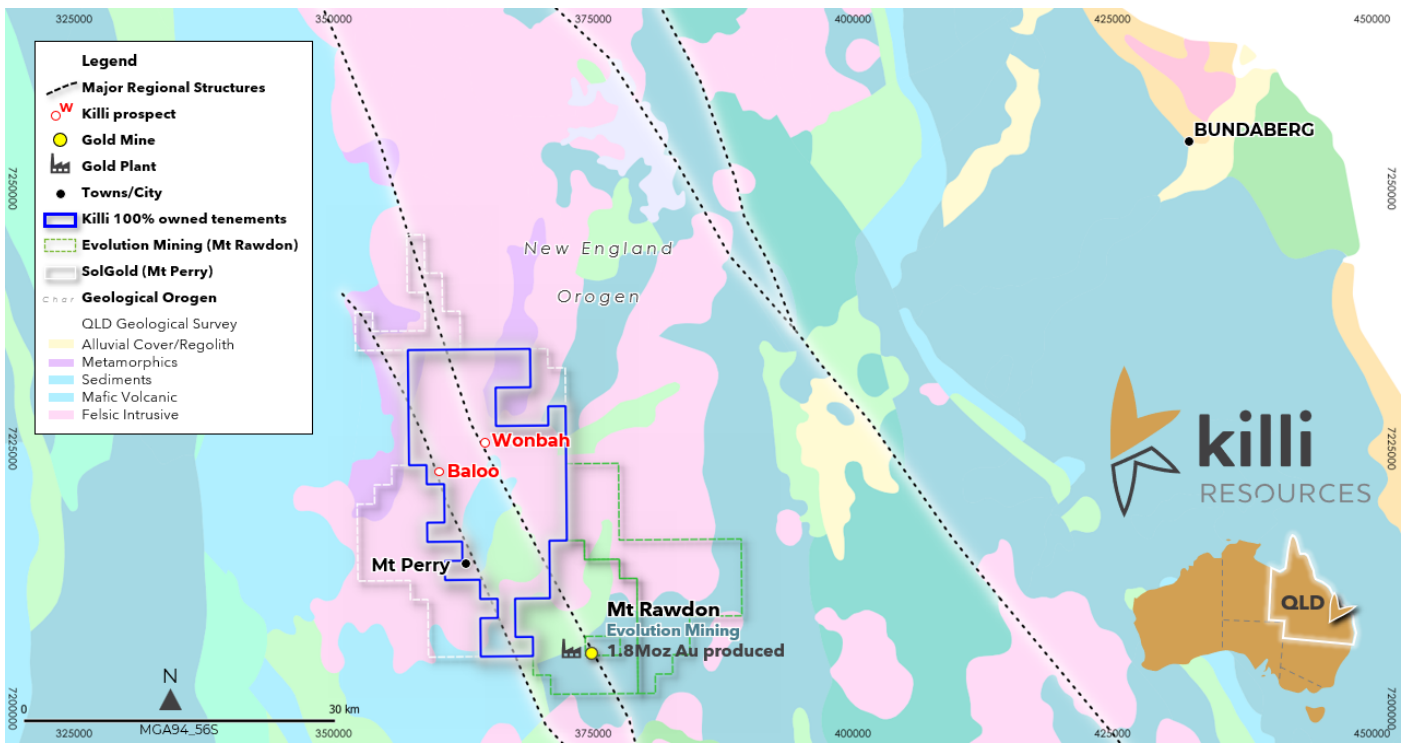


Figure 5. Location of the Mt Rawdon West Project 70 kilometres inland from Bundaberg, land holding of 309km<sup>2</sup>.