

## PHASE II GOLD TARGET GENERATION COMMENCES AT MT ADRAH GOLD PROJECT



**WILDCAT**  
RESOURCES

### Highlights

- Major 3000 sample Soil Sampling programme underway to further define regional gold targets and test for additional conceptual targets
- Fieldwork and mapping to follow up Phase 1 exploration works
- Historical high grade regional gold targets a focus of upcoming work
- Company fully funded with \$3.9m cash at bank

Wildcat Resources Limited (ASX: WC8) (“Wildcat” or “the Company”) is pleased to announce that fieldwork and a major soil sampling programme has commenced at the Mt Adrah Gold Project in the Lachlan Fold of NSW. This programme will further define gold targets in preparation for drill testing in the new year.

### Soil Sampling Programme

The soil sampling programme has commenced with 3,000 samples planned regionally across a range of areas along the 18km of strike on the Gilmore Suture. The project has many high-grade gold prospects where follow-up work historically has been limited.



Figure 1 – Major soil sampling programme commences Mt Adrah Gold Project

ASX Code: WC8

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### Wildcat Resources Ltd

Wildcat Resources is a company focussed on discovery with strategic land holdings in three world class provinces. The Mt Adrah gold project in the Lachlan Fold (NSW), the Pilbara Gold project and the Fraser Range project both in WA.

The company has secured a Tier One technical team to help advance these projects.

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This is the largest sampling programme the Company has initiated and will give the geological team significant insight into regional targets as well as targets in close proximity to Hobbs Pipe. The land package has been through a number of hands over the last few decades and much of the data is piecemeal and inconsistent. It is also noted that detection levels in assaying for gold 10-20 years ago may have rendered some gold targets “blind.” This gives rise to potential targets being missed by past holders and remain undrilled.

The Company has focussed on a number of regional target areas with further detail based on the sampling completed earlier in the year, additional sampling around Hobbs Pipe, and new areas yet to be systematically sampled by the Company. The initial sampling undertaken by the Company around Hobbs outlined a number of previously unknown trends. Further sampling in these areas is planned to extend the coverage where there is little information and also to check on the veracity of some of the trends from exploration by previous companies.

### Historical High-grade Gold Occurrences

Historical gold diggings consisting of small shafts and tunnels are present scattered throughout the tenements and the broader area as seen in Figure 2. Previous exploration has concentrated on gold, revealing extensive anomalism around the historical workings and elsewhere on the tenements.

A series of old gold diggings consisting of small shaft and placer mining occur within EL 7844 in the Hillas Creek and Diggers Creek areas. Mineralisation is also present at the Highway Prospect.

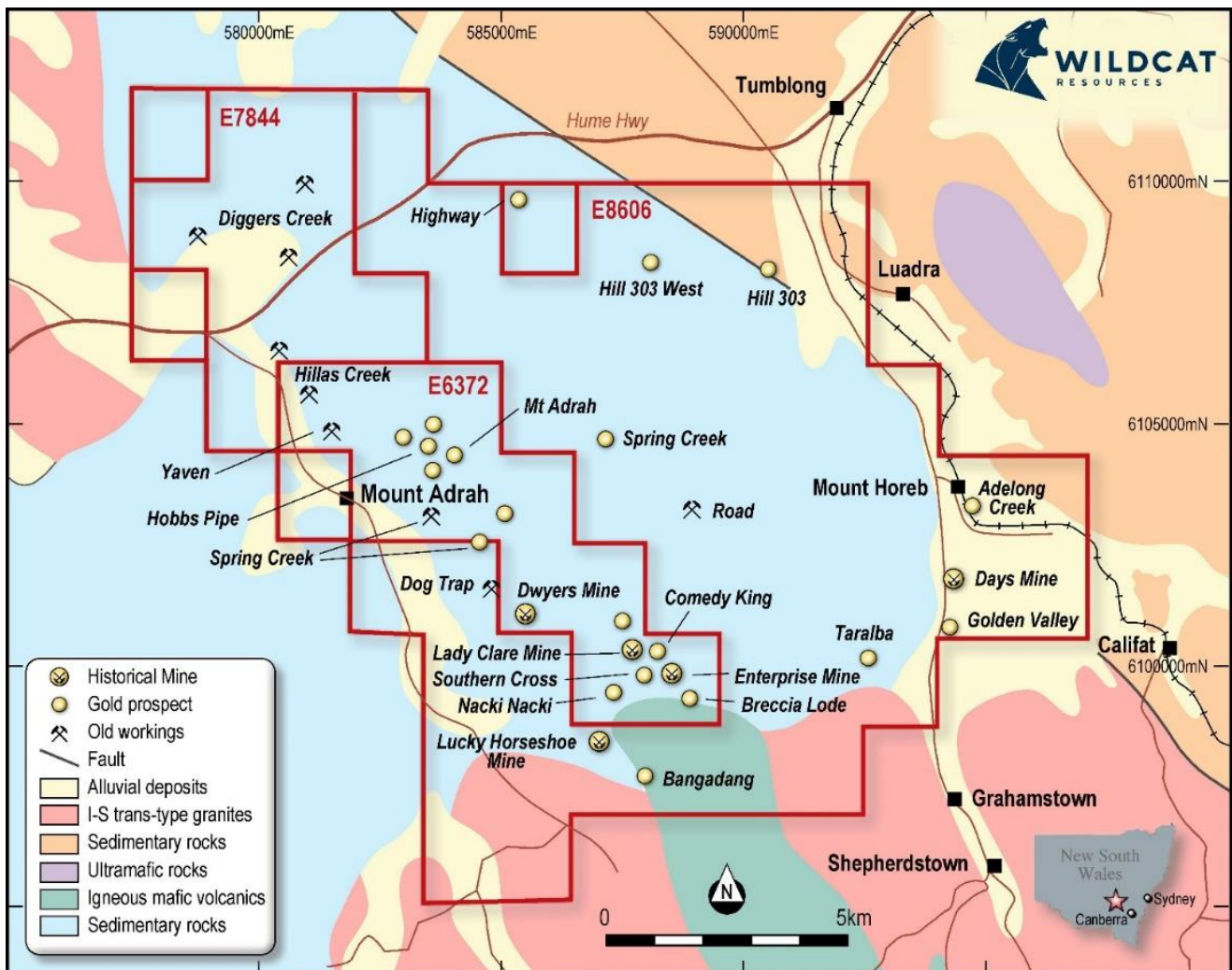


Figure 2 – Mt Adrah geology map E7844, E8606 & E6372 - granted

The Adelong gold field lies adjacent to the southern end of the project area. At Adelong, gold reefs can be up to 15 m wide, but generally 0.3 to 1.0 m wide and occur within shear zones in granodiorite and diorite in association with argillic alteration. The reefs have steep dips and generally strike north. Most of the reefs occur discontinuously along four lines. Most of the gold in the reefs occurs as free gold, but there is some gold which occurs as fine inclusions in sulphide minerals. Mineral occurrences occur on a roughly northwest trend, parallel to the Gilmore Suture, and appear to be spatially associated with cross faults which trend westerly and south-westerly.

Many abandoned gold workings are scattered throughout the Company's Mount Adrah Gold Project dating back to the period from 1880 to 1914. Most workings are located on quartz veins, commonly with minor sulphide mineralisation hosted by metasediments or metavolcanics (Bannerman, 1995). These workings lie in several groupings typically elongated parallel with the Gilmore Fault Zone:

- **Hillas Creek workings** - 2km west of Mt Adrah;
- **Lowenbrae workings** - 4km southeast of Mt Adrah;
- **Bangadang workings** - 5km southeast of Mt Adrah ; Comedy and Enterprise workings.
  - Historical rockchip assays
    - **Breccia Lode 3 - 51.3 g/t Au and 20.8 g/t Ag<sup>1</sup>**
    - **Nacki Nacki - 24.9 g/t Au and 77 g/t Au<sup>2</sup>**
    - **Comedy King - 36.8 g/t Au<sup>3</sup>**
- **Diggers Creek workings** - 5 km northwest of Mt Adrah.

Records of historical production from these workings are limited. Marshall (1991)<sup>4</sup> reported that in the early 1900s 123 oz of gold were won from the Mount Adrah workings and 416 oz from the Bangadang workings. Figure 5(below map) provides a geological map of the central Mount Adrah area showing the location of historical workings and mineral deposits.



**Figure 3 - Southern Cross Gold Mine – Bangadang**

<sup>1</sup> Refer to Sovereign Gold Company Limited announcement 29 July 2015 <https://www.asx.com.au/asxpdf/20150729/pdf/43032gvpj0tfdm.pdf>

<sup>2</sup> Refer to Sovereign Gold Company Limited announcement 3 July 2017 <https://www.asx.com.au/asxpdf/20140703/pdf/42qmdq906tns43.pdf>

<sup>3</sup> Refer to Sovereign Gold Company Limited announcement 29 July 2015 <https://www.asx.com.au/asxpdf/20150729/pdf/43032gvpj0tfdm.pdf>

<sup>4</sup> Marshall, N.J. 1991. Final & Relinquishment report, EL 1307, Mount Adrah, Range Resources Ltd. GS1991/290 (R00001734)

## Bangadang

The Bangadang area covers a cluster of historical workings on the Company's Mount Adrah Gold Project where quartz veins and breccias carry gold mineralisation with selective past sampling returning some high-grade results, as shown below.



**Figure 4 - Southern Cross Reef Mine SW end of crosscut. Composite intersection of 3m @ 7.22g/t Au<sup>5</sup>**

The main workings are the Southern Cross Reef. At the historical Southern Cross Reef Mine (part of the Bangadang cluster) an underground mapping and sampling program was completed by Sovereign Gold Company Limited to assess the potential for remnant gold mineralisation and more clearly outline the geological and structural setting. A 3.0 m composite channel sample at southwest end of the historical crosscut returned **3.0m at 7.2 g/t Au<sup>6</sup>**.

Structures controlling the mineralisation were mostly sub-linear shear zones with sheeted quartz veins. Styles of mineralisation varied from quartz veins with low sulphide content to quartz veins and quartz-flooding with disseminated arsenopyrite and pyrite. The average width of the mineralised structures in the old workings could not be measured accurately as many were infilled and no channel sampling of exposed shears was undertaken. Width is estimated to be narrow and typically less than 0.5m.

Past mapping indicates gold mineralised structures may have strike lengths in the order of ten to hundreds of metres.

<sup>5</sup> Refer to Sovereign Gold Company Limited announcement 30 March 2015 <https://www.asx.com.au/asxpdf/20150330/pdf/42xlxgthqsdz.pdf>

<sup>6</sup> Refer to Sovereign Gold Company Limited announcement 30 March 2015 <https://www.asx.com.au/asxpdf/20150330/pdf/42xlxgthqsdz.pdf>

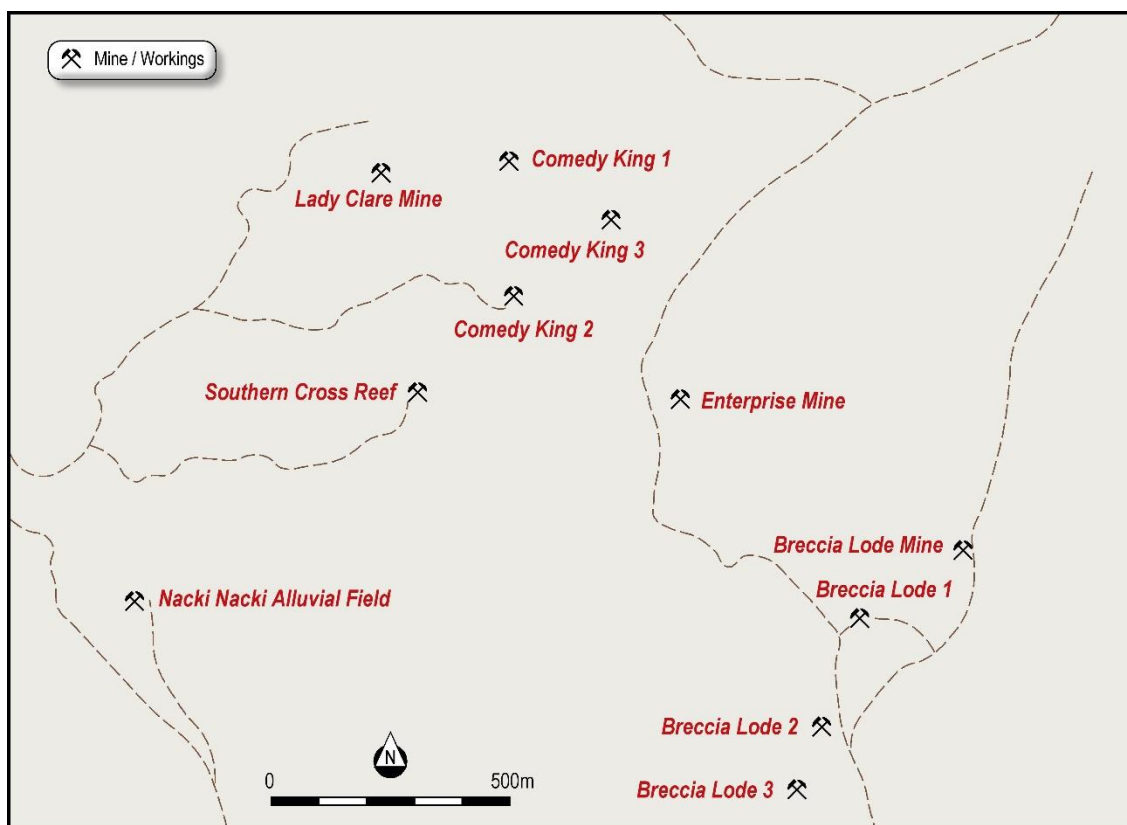


Figure 5: Historical gold workings in the Bangadang area

### **Nacki Nacki**

This area is centred around a 220 x 290 m zone of shallow eluvial historical gold workings. Sulphidic quartz material is present in the area. Mapping has revealed a concentric zonation to workings and gold occurrences. One of four rock grab samples returned a gold assay of 77g/t Au (BANG001)<sup>7</sup>; taken from scree at surface. The prospect has been interpreted as a possible weathered cap and alteration halo sitting above a Hobbs-style intrusive pipe.

### **Diggers Creek**

Old workings at Diggers Creek extend over a strike length of about 400 m and appear to be related to a single structure. The workings are quite shallow (<4m) and were developed on narrow quartz veins, with gold, arsenopyrite and pyrite, occasionally reaching 20 cm in thickness. They are in a shear zone up to 3m wide within siliceous and chloritic phyllites. Diggers Creek is associated with a high gold geochemical peak anomaly.

### **Local Landowners**

The Company has engaged with many local landowners across the project area and has signed several Land Access Agreements. The company looks forward to continuing a good working relationship into the future.

<sup>7</sup> Refer to Sovereign Gold Company Limited announcement 3 July 2017 <https://www.asx.com.au/asxpdf/20140703/pdf/42qmdq906tns43.pdf>

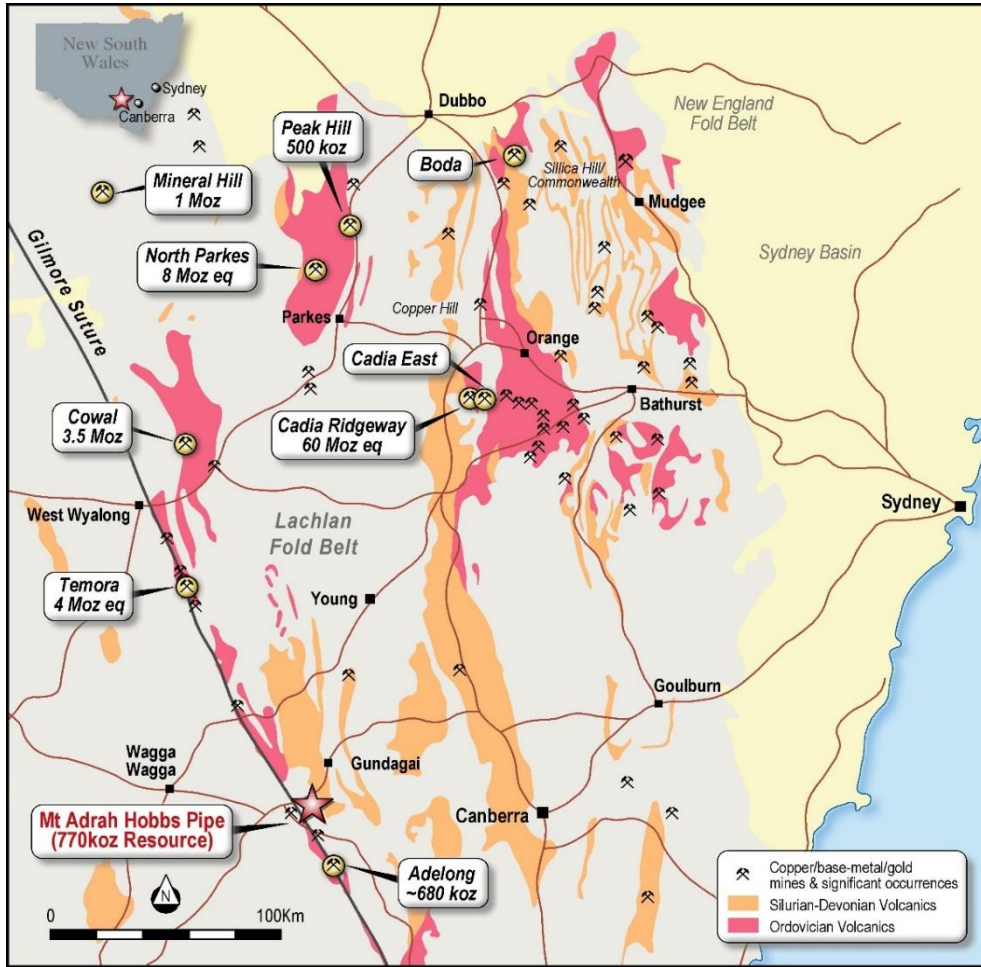


Figure 6 – The world class Lachlan Fold belt NSW

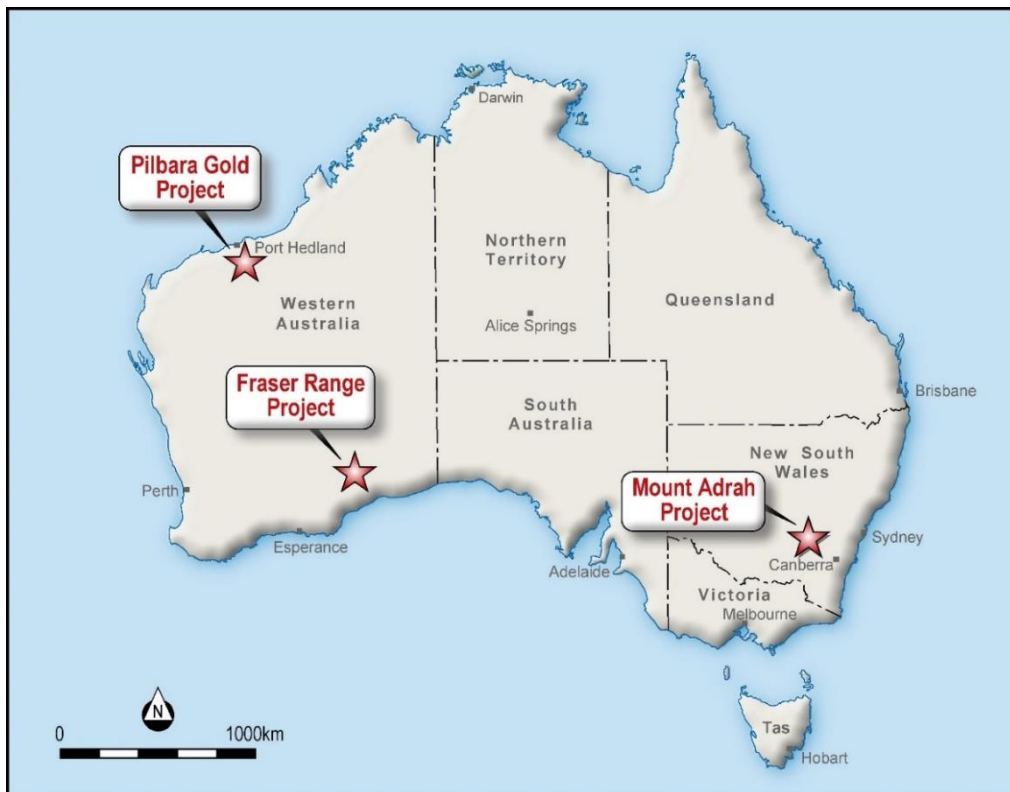


Figure 7 – Project areas in the Lachlan Fold (NSW), Pilbara (WA) and the Fraser Range (WA)

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**ABOUT MT ADRAH**

Wildcat Resources Limited holds the Mount Adrah Gold Project ("**Mount Adrah**"), a highly prospective 200km<sup>2</sup> tenement package located within the well-endowed Lachlan Orogen region in NSW. The project includes the Hobbs Pipe gold deposit which has an existing JORC 2012 -compliant Mineral Resource estimate of 20.5Mt @ 1.1g/t Au for 770,000 oz of contained gold.

In addition to Hobbs Pipe, a number of high-grade gold reef systems have been identified by historic artisanal workings and limited exploration drilling, including down-hole intercepts such as **10m @ 17.7 g/t Au from 506m** (GHD009) at the Castor Reef Prospect, about 200m north-east of Hobbs Pipe, and **1.2m @ 58.6 g/t Au from 624m** (GHD011) at the White Deer Reef Prospect, a further 150m to the north-east of the GHD009 intercept. The drill-hole intervals are interpreted to align with the artisanal workings. However, surface geochemistry and drilling have not yet tested the near-surface potential of these targets.

A number of quartz vein reef-style targets were identified as targets of interest in a study by prior owners in 2016. Results on the follow-up work done on some of these targets have been promising to date. Outside of the immediate Hobbs Pipe area, the project has had little exploration activity since the 1990's, with several areas of surface gold anomalies yet to be followed up with drilling.

**PILBARA GOLD PROVINCE**

Wildcat Resources Limited has strategically applied for tenements within the Mallina Gold Province in the Pilbara, on the Berghaus Shear, and up-strike from the new discovery of "Hemi" by De Grey Mining (ASX: DEG) in February 2020.

**Forward-Looking Statements**

*This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Wildcat Resources Limited's 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 Wildcat Resources Limited 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 Person's Statement**

*The information in this report that relates to Exploration Results and Mineral Resources for the Mount Adrah Project is based on, and fairly represents, information compiled by Mr Damien Keys, a Competent Person who is a Member of the Australian Institute of Geoscientists (AIG). Mr Keys is currently a consultant to Wildcat Resources Limited, the vendor of the Mount Adrah Project. Mr Keys 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 JORC Code. Mr Keys consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

**ASX Listing Rule Information**

Resource Classification	Depth Below Surface	Oxidation Zone	COG Au (g/t)	Tonnes (Mt)	Grade (g/t Au)	Contained Gold (oz)
Indicated	0 – 150m	Oxides	0.4	0.6	0.9	18,000
		Fresh	0.9	3.0	1.0	96,000
	150 – 700m	Fresh	0.9	8.5	1.2	320,000
<b>TOTAL INDICATED RESOURCES</b>				<b>12.1</b>	<b>1.1</b>	<b>440,000</b>
Inferred	0 – 150m	Fresh	0.5	0.2	0.6	39,000
	150 – 700m	Fresh	0.9	8.2	1.1	290,000
<b>TOTAL INDICATED RESOURCES</b>				<b>8.4</b>	<b>1.1</b>	<b>330,000</b>
<b>TOTAL RESOURCES</b>				<b>20.5</b>	<b>1.1</b>	<b>770,000</b>

The Mineral Resource was first reported in an announcement by former Mount Adrah owners Sovereign Gold Company Ltd (ASX Announcement 27 December 2013) and was first reported by the Company on 23 August 2019. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the original market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the competent persons findings have not been materially modified from the original announcement.