

Drill Program Set To Commence at Monument Gold Project

Key Highlights

- Aircore and RC drill program set to commence on a priority prospect at the Monument Gold Project, located in the highly prospective Laverton Gold District in Western Australia
- ~1,700 meters to be drilled comprising 25 aircore (**AC**) and 2 reverse circulation (**RC**) holes at the Fred's Well prospect along a 30km structural strike trend.
- Fred's Well is a promising gold prospect outside and along strike to Monument's 154koz Au Resource with historical drill intercepts including:
 - **24m @ 3.24g/t Au** (MOAC262 from 44m) including **12m @ 6.35g/t Au**;
 - **8m @ 2.09g/t Au** (MOAC265 from 40m);
 - **8m @ 1.48g/t Au** (MOAC256 from 36m);
 - **12m @ 1.01g/t Au** (MOAC277 from 20m); and
 - **3m @ 2.98g/t Au** (MOAC374 from 72m) **ending in mineralisation**
- Previous grab and rock chip sampling also returned up to **39.3g/t Au**
- Drill program to infill 370m out of 770m mineralised Au strike and also test depth and potential extension of previously drilled mineralised areas, which may upgrade Resource calculation
- Prospect Drilling is a reputable drilling contractor in Western Australia and has been secured to commence drill program in November 2024
- The Monument Gold Project covers 232km² and is located within the Laverton Gold District (Western Australia), which hosts numerous multi-million ounce gold mines, including Granny Smith, Wallaby and Sunrise Dam, and is **directly adjacent to and along strike of Genesis Minerals' (ASX:GMD) 3.3Moz Au Mt Morgans Project**
- The Monument Gold Project has a JORC-Inferred Resource of 154koz Au and is open at depth and along 30km of banded iron formation (**BIF**), interpreted to be the same unit that hosts the 1.4Moz Westralia gold deposit directly southeast of Monument



Si6 Metals Limited (**Si6** or **the Company**) (**ASX:SI6**) is pleased to announce that drilling is set to commence in November 2024 to test the Fred's Well prospect, a priority target identified at the Company's Monument Gold Project, which is adjacent to and along strike of Genesis Minerals Limited's (ASX:GMD) 3.3Moz Mt Morgan's Gold Project in the world class Laverton Gold District.

The Fred's Well prospect lies along strike from the Company's JORC-Inferred Resource of **3.1Mt @ 1.4g/t Au for 154koz gold** (in between Korong 3Mt @ 1.4g/t Au and Waihi 0.2Mt @ 2.1g/t Au) and sits along a ~20km structural trend with multiple additional untested gold targets.

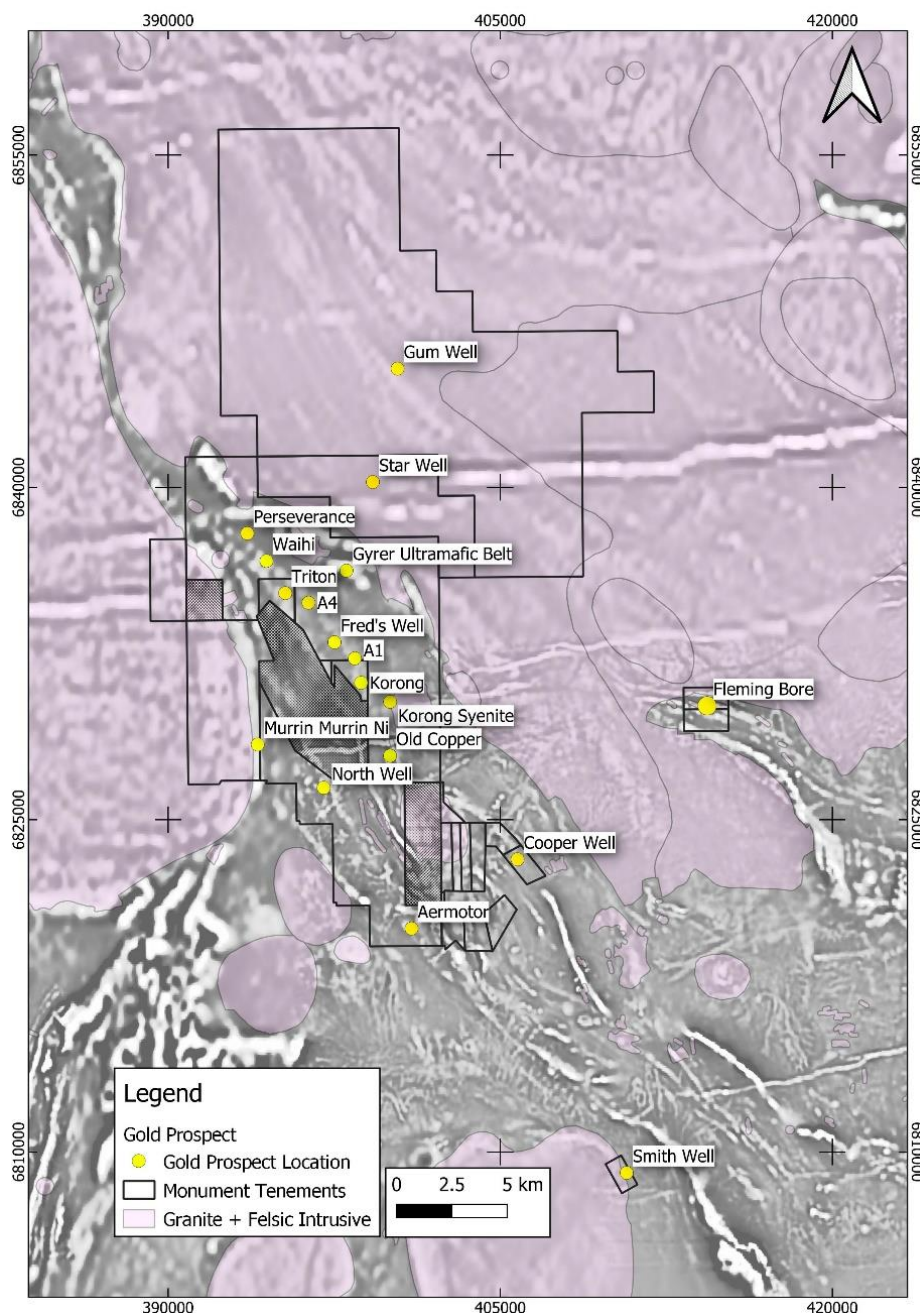


Figure 1. Si6's Monument Gold project and key prospect locations along ~20km structural trend



The Fred's Well geology is complex, comprising a mixed package of mafic, ultramafic, shale, chert and felsic porphyry intrusive lithologies. The northern portion of the Fred's Well gold mineralisation occurs along sheared lithological contacts, predominantly associated with sediments and ultramafics. The best intersections from drill holes MOAC262 and MOAC374 are associated with a sediment-ultramafic contact. Historic workings suggest this gold occurrence is located on the intersection of 360° trending lithological sediment-ultramafic contact and a cross-cutting 300° north-west trending shear zone.

Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)	Comments
MOAC256	36	44	8	1.48	
MOAC262	44	68	24	3.24	<i>Including 12m @ 6.35g/t Au</i>
MOAC265	40	48	8	2.09	<i>Including 4m @ 3.54g/t Au</i>
MOAC269	32	48	26	0.74	<i>Including 4m @1.96g/t Au</i>
MOAC277	20	32	12	1.01	
MOAC374	72	75	3	2.98	<i>Ended in mineralisation</i>

Table 1. Significant intercepts from 2021 aircore drill program at Monument Gold Project.

Drill hole MOAC374 was abandoned at 75m depth due to the rods becoming bogged in weathered ultramafic and the hole ended in mineralisation (Figure 1). In the southern portion of Fred's Well, the occurrence of felsic porphyry increases. Hole MOAC277 intersected significant mineralisation associated with a 200m strike length of historic workings, which are located along the eastern contact of sediments and an interpreted 40m wide porphyry unit.

These drilling results indicate the presence of multiple mineralised contacts associated with a ~100m wide stratigraphic sequence, consisting of ultramafics, felsic porphyry, mafic volcanics and sediments, which extend for a strike length of >400m. Elevated Ag, As, Ba, Bi, Cu and Mn with >20ppm As and >100ppm Cu associated with the anomalous gold mineralisation are indicative of hydrothermal mineralisation associated with high level intrusives.



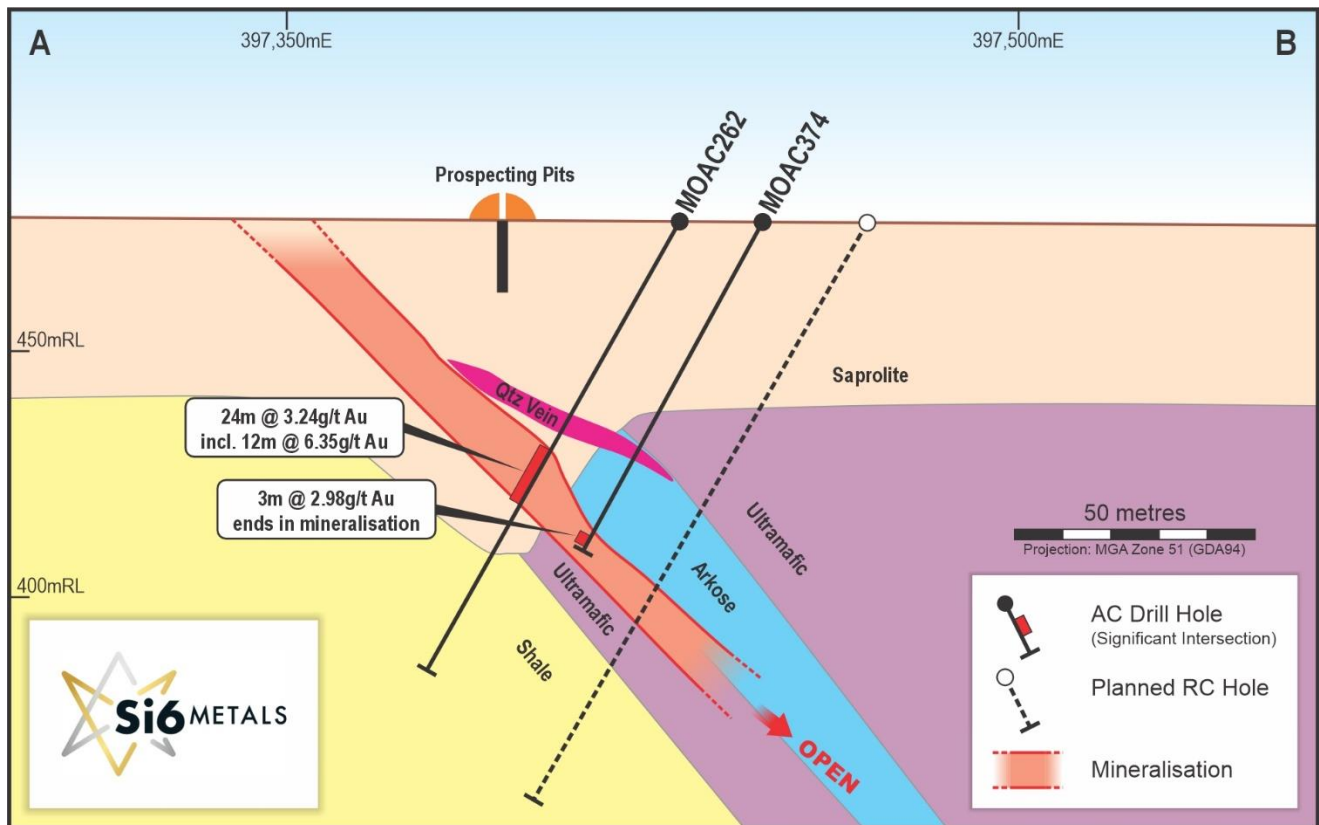


Figure 2. Fred's Well cross section showing significant intercepts in holes MOAC262 and MOAC374 from 2021 AC drill program and proposed RC drill hole in this November 2024 program.

Kalgoorlie based Prospect Drilling Pty Ltd will undertake a 27-hole (25 aircore and 2 RC) drill program for approximately 1,700 meters at Fred's Well which is planned to:

- (a) infill test 350m out of 770m identified mineralised strike;
- (b) test the depth of previously drilled high grade areas; and
- (c) test for extension of the 770m mineralised strike.

The results from this drill program at Fred's Well may form part of an upgraded Resource calculation.



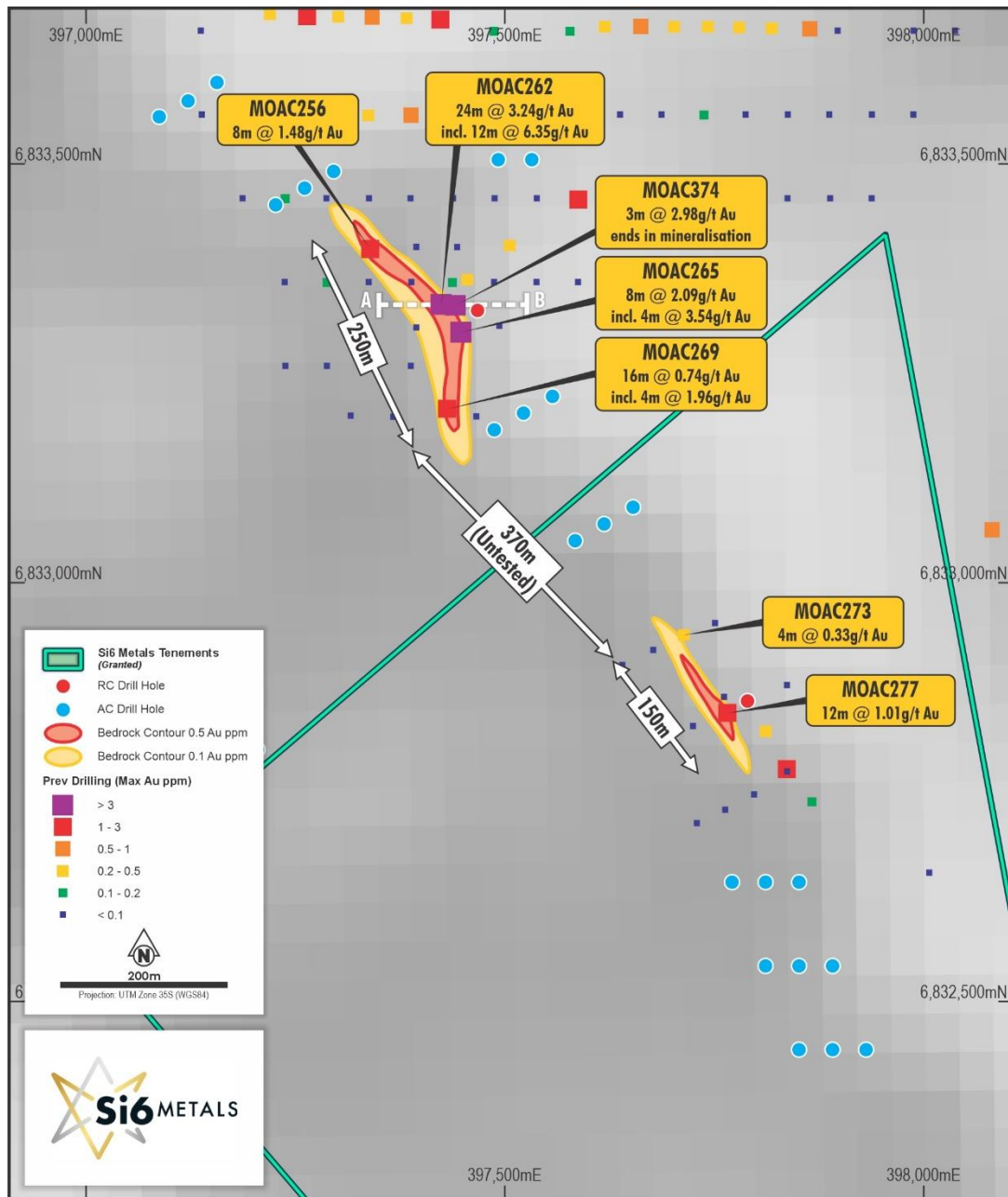


Figure 3. Fred's Well showing significant intercepts from 2021 AC drilling program and proposed location of AC and RC holes for the November 2024 program.

The Company will update the market as the drill program progresses.

About the Monument Gold Project

The Monument Gold Project is located in WA's world-class Laverton Gold District and comprises ~232km² of tenure located approximately 40km west of Laverton, adjacent and along strike of Genesis Minerals' (ASX: GMD) **3.1Moz Au Mt Morgan Project**. A Mineral Resource Estimate of 154koz of gold (see ASX announcement on 2 August 2021) was undertaken on the Korong and Waihi deposits, which



occur along ~30km of relatively untested banded iron formation, interpreted to be the same unit that hosts the 1.4Moz Westralia gold deposit, located immediately southeast of Si6's Monument.

To date, only 10% of the 30km strike has been drilled with detailed reverse circulation drilling. There is currently ~20km of additional priority targets identified along the banded iron formations horizon, and multiple other syenite-intrusion style targets (approximately 60 targets remaining to be tested).

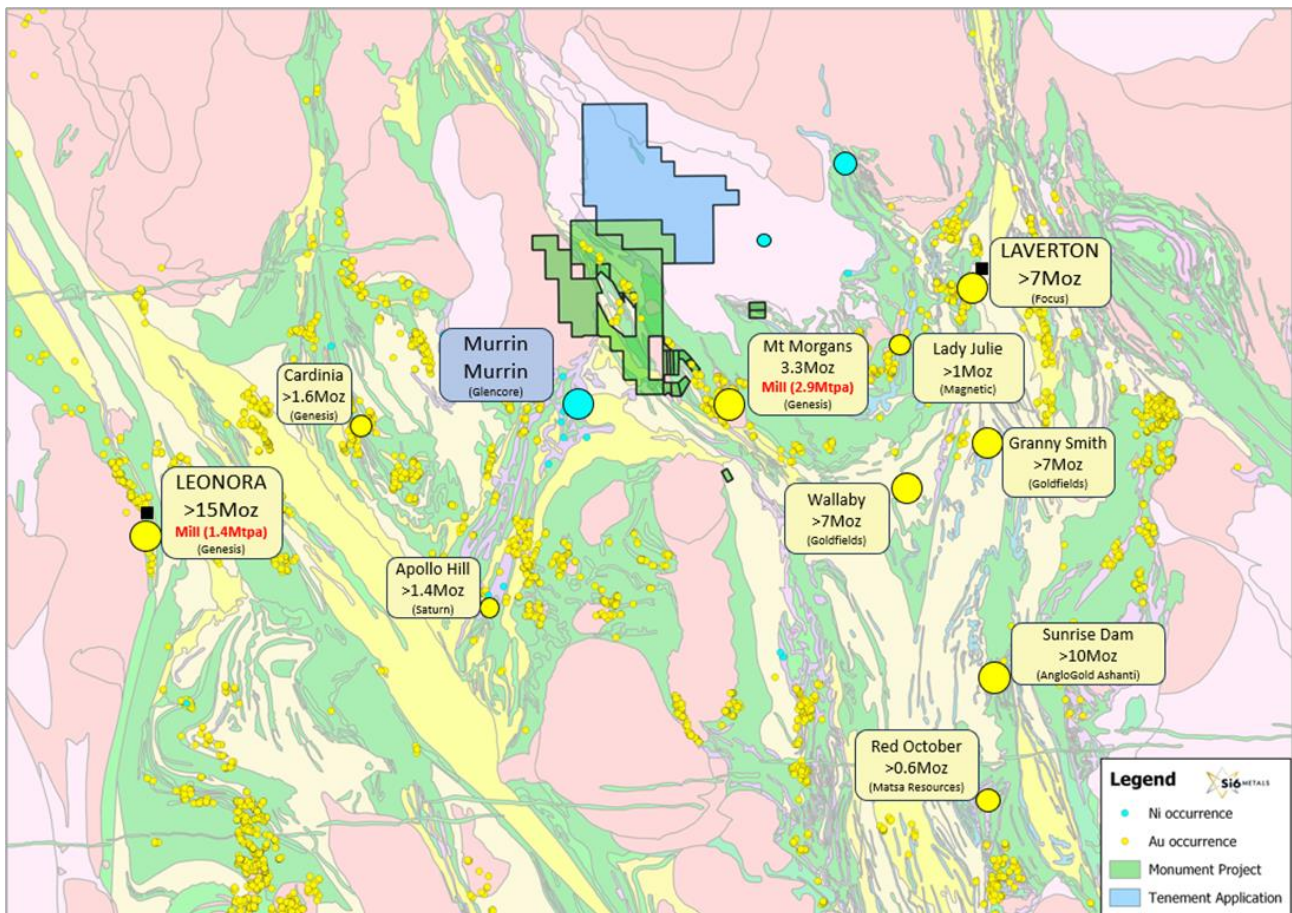


Figure 4. Si6's Monument location in the Laverton Gold District, with major gold players.



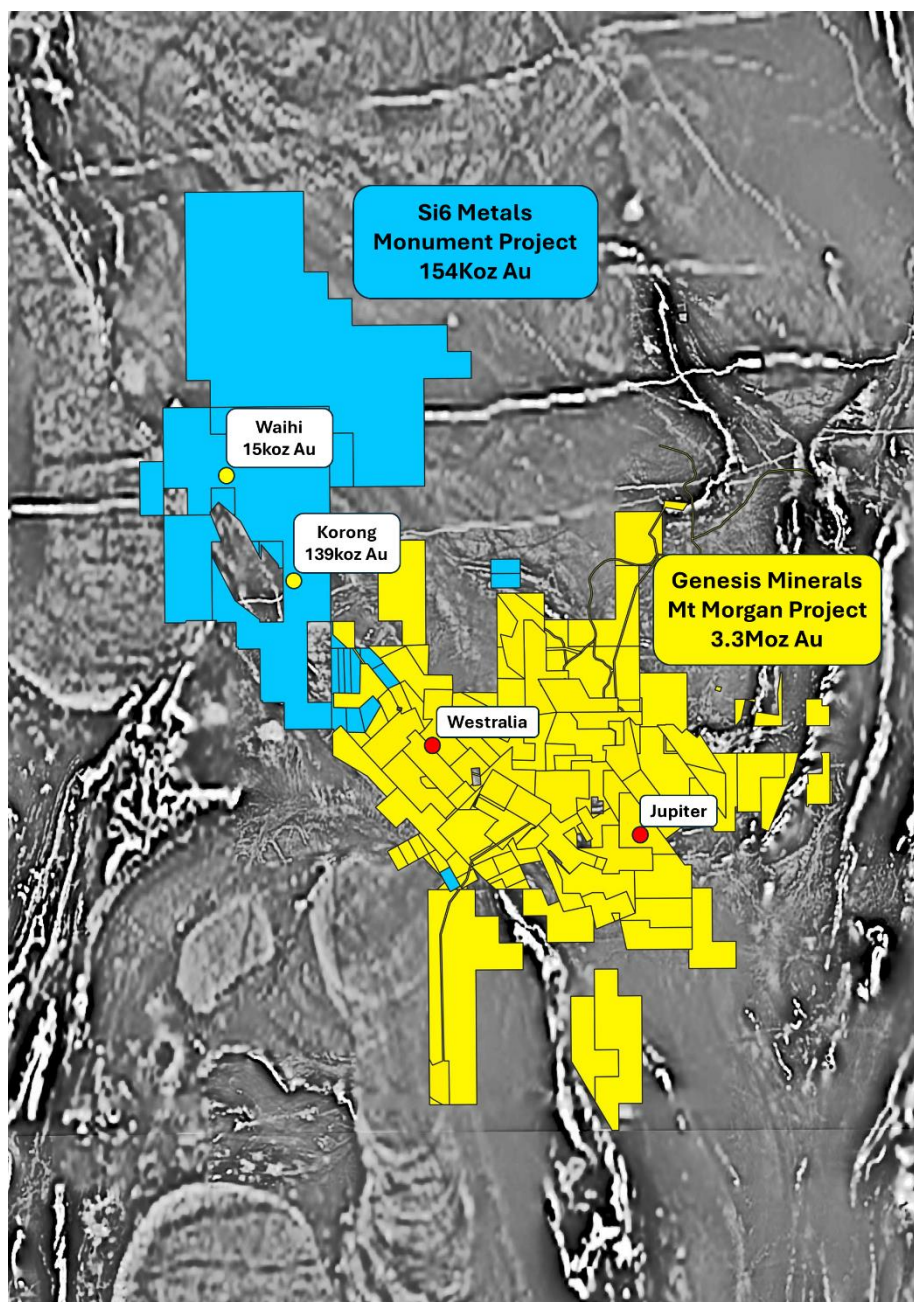


Figure 5. Si6's Monument Gold Project location adjacent to Genesis Minerals' multi-million ounce Mt Morgan Project.

This announcement has been authorised for release by the Board of Si6 Metals Ltd.

Contacts

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About Si6

Si6 owns 100% of the Monument Au-Ni project located near Laverton in Western Australia. This project currently has a JORC-compliant (2012) Inferred resource of 3.257 Mt @ 1.4 g/t for 154,000 ounces Au. (inferred resources calculated by CSA Global in 2021 to JORC 2012 compliance using a 0.5 g/t cut-off grade; see 2 August 2021 ASX announcement “Mineral Resources Estimate declared for Monument Gold Project” for further information).

Si6 also holds a supply critical metals portfolio via a joint venture that includes rare earth elements, lithium, gold, base and precious metals in Brazil, including licences in the “Lithium Valley” and Poços de Caldas in the state of Minas Gerais, globally known as prolific lithium and rare earth elements districts respectively. The Company also owns 70% of the Pimenta Project, a potential large-scale REE project in eastern Minas Gerais.

Si6 also holds a base and precious metals project in the Limpopo Mobile Belt in Botswana, a district known for hosting major nickel and copper producing operations. The Company’s portfolio contains an advanced Ni-Cu-Co-PGE resource at Maibele North and drilled high-grade Cu-Ag discoveries at Airstrip and Dibete. It currently hosts a resource of 2.4Mt @ 0.72% Ni and 0.21% Cu + PGMs + Co + Au.

Competent Persons Statement

The information in this report that relates to Exploration Targets and Exploration Results is based on recent and historical exploration information compiled by Dr Paul Woolrich, who is a Competent Person and a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Dr Woolrich has sufficient experience that is relevant to the style of mineralisation and the 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 “Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves”. Dr Woolrich consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Reference to Previous Announcements

The information in this announcement that relates to exploration results is extracted from the following Company announcement released to the ASX:

- Si6 ASX release 19 December 2022 “*Broad, High-Grade Gold Intersected in Aircore Drilling at Monument Gold Project, Western Australia*”
- Si6 ASX release 2 August 2021 “*Mineral Resource Estimate Declared For Monument Gold Project*”

