

**ASX Announcement**

8 November 2022

**PHASE THREE AIRCORE DRILLING PROGRAM COMPLETED AT MONUMENT GOLD PROJECT, WESTERN AUSTRALIA****Highlights**

- **Aircore drilling program consisting of 119 holes for 5,636m completed at Monument Gold Project located within the Laverton Tectonic Zone, Western Australia**
- **Drilling undertaken across four targets areas including the highly prospective North Well Prospect**
- **Complex geology intersected at all target areas with felsic intrusives intersected at Fred's Well, North Well and Korong intrusion**
- **Final samples will be submitted to ALS Laboratories in Kalgoorlie shortly with assay results for gold and multi elements expected mid December 2022.**

Si6 Metals Limited (ASX: Si6 or the **Company**) is pleased to report that the planned 120 hole, ~6,000m Phase Three aircore drilling program at the Monument Gold Project (MGP) has been completed with a total of 119 holes drilled for 5,636m. Drilling was undertaken across four target areas including Fred's Well, North Well, Korong felsic intrusion and geological strike extensions to Glencore's Murrin Murrin Nickel-Cobalt operation.

Si6's 100%-owned MGP currently contains a **3.3Mt @ 1.4g/t Au for 154koz gold** resource along the banded iron formations (BIF). Drilling for Si6's current 154koz gold resource was completed in 2021 with the resource calculated by CSA Global and announced mid-2021 (see ASX release on 2 August 2021). MGP contains multiple target styles of gold mineralisation including BIFs and basalt-hosted, however, significant potential for large-tonnage deposits exists in the intrusion hosted targets.

At Fred's Well, promising complex geology was encountered in the latest program over the tested **750m strike length** with mafic and felsic volcanics, chert, sediment, ultramafic and intrusive porphyry intersected. Drilling was also designed to target down-dip extensions to mineralised structures observed in significant historic workings which to date have never been drill tested.

At North Well, **1,750m of strike** was drill tested along an interpreted structural corridor following up on wide zones of gold mineralisation (>0.1g/t Au) intersected in the supergene horizon in May 2022 where aircore drilling intersected 8m @ 0.98g/t Au (including 4m @ 1.84g/t Au). Complex geology was also intersected with quartz-rich granite, porphyry, sediments and mafic volcanics identified with a number of chlorite-altered quartz veins present near the interpreted structure.

Drilling along strike and south of the Korong felsic intrusion intersected several porphyritic felsic dykes hosted in mafic volcanics with quartz veining observed along the intrusive contacts.

Maiden drilling along the geophysically-interpreted ultramafic rock unit extending from Glencore's Murrin Murrin nickel-cobalt operation along the eastern contact of the Monument Granite intersected quartz-rich granite, gabbro, dolerite, amphibolite and gneiss. The high-grade metamorphic rocks

(amphibolite and gneiss) coincide with the approximate position of the Celia Tectonic Lineament and will be further investigated for potential gold mineralisation.

All samples (4m composites with 1m end of hole sample) will be submitted to ALS Laboratories in Kalgoorlie for gold and multi-element analysis shortly. Assay results are expected mid December 2022.



*Figure 1: Geologist inspecting aircore samples at Fred's Well historic workings.*

## About the Monument Gold Project (MGP)

Si6's 100%-owned MGP currently contains a 3.3Mt @ 1.4g/t Au for 154koz gold resource along the banded iron formations (BIF). Drilling for Si6's current 154koz gold resource was completed in 2021 with the resource calculated by CSA Global and announced mid-2021 (see ASX release on 2 August 2021). MGP contains multiple target styles of gold mineralisation including BIFs and basalt-hosted, however, significant potential for large-tonnage deposits exists in the intrusion hosted targets.

MGP is Located on tenure directly adjacent to and along strike of Dacian Gold Ltd's (ASX:DCN or Dacian) ~2Moz Au Mt Morgans Project. In July 2022, DCN received a takeover offer from Genesis Minerals Ltd (ASX:GMD or Genesis) which is seeking to consolidate Western Australia's northern Goldfields. Dacian now owns ~75% of Genesis.

Si6 is currently focused on prospects where geochemical analysis provides indications of the existence of fractionated, felsic intrusives belonging to the sanukitoid suite of evolved intrusive rocks. Such prospects are significant when taking into consideration the similarities with other gold-bearing sanukitoid intrusions such as Hemi (~11Moz) or Tropicana (~5Moz), as well as other nearby bulk tonnage, multi-million-ounce projects such as the Wallaby (~7Moz) and Jupiter (~1.5Moz) projects.

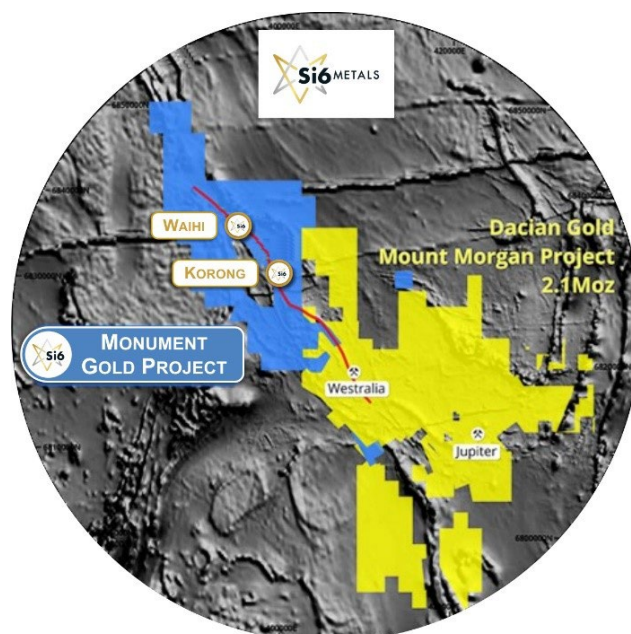


Figure 2: Location of Si6's 100%-owned project in Western Australia as well as proximity to Dacian's portfolio.

**Monument Gold Project, Western Australia, Resource Information**

A JORC-compliant (2012) Inferred Resource was calculated at Korong and Waihi by CSA Global Pty Ltd in 2021 (see Table 2) using a 0.5g/t cut-off grade. See the ASX announcement on 2 August 2021 "Mineral Resource Estimate Declared for Monument Gold Project" for further information.

<b>Korong Resource</b>			
<b>Deposit</b>	<b>Tonnes</b>	<b>Grade (g/t)</b>	<b>Au Ounces</b>
Korong	3,034,000	1.4	139,000
Waihi	223,000	2.1	15,000
<b>Total Resource</b>	<b>3,257,000</b>	<b>1.4</b>	<b>154,000</b>

**Table 2:** Inferred Resource calculated by CSA Global in 2021 to JORC 2012 compliance

**Competent Persons Statement (Monument Gold Project, Western Australia)**

The information in this report that relates to Exploration Targets and Exploration Results is based on recent and historical exploration information compiled by Mr Michael Jackson, who is a Competent Person and a Member of the Australian Institute of Geoscientists. Mr Jackson is a consultant to Si6 Metals Limited. Mr Jackson 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 "Australasian Code for the reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Jackson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**Disclaimer**

In relying on the above mentioned ASX announcement and pursuant to ASX Listing Rule 5.23.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the above announcement. No exploration data or results are included in this document that have not previously been released publicly. The source of all data or results have been referenced.

**Forward-Looking Statements**

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Si6's mineral properties, planned exploration program(s) 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. All of such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. Our audience is cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereof, and we do not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.



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

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