

**ASX Announcement**

31 May 2022

**PHASE 2 DRILLING COMPLETED AT  
MONUMENT GOLD PROJECT, WESTERN AUSTRALIA**

**Highlights**

- ~6,000m drilled from 130 holes at the Monument Gold Project (MGP) located within the Laverton Tectonic Zone, Western Australia
- Drilling tested 5 prospect areas comprising two felsic intrusions and three structural targets
- 35 holes for 1,326m drilled at the high priority Korong felsic intrusion and 14 holes for 684m at Aermotor, where anomalous gold mineralisation was intersected in quartz veining in previous drilling
- Deep drilling up to 114m end of hole depth encountered across the Celia Tectonic lineament, highlighting scale and significance of weathering across the structure
- All samples have been submitted to the assay laboratory with final results expected in the next 4-6 weeks.

Si6 Metals Limited (ASX:Si6, or the **Company**) is pleased to advise that the Phase Two aircore (AC) drilling program at its 100% owned Monument Gold Project has been completed. The follow up AC drilling targeted bulk tonnage and high-grade structural gold across tenure that is directly adjacent to and along strike of Dacian Gold's ~2Moz Au Mt Morgans Project.

The Phase Two drilling intersected a wide range of prospective lithologies including granite, porphyry, gabbro, dolerite, ultramafic, sediment and felsic volcanic, with some end of hole depths exceeding 100 metres. The deeper holes are indicative of deep weathering along major regional, mantle tapping structures which are instrumental to the development of Archaean Lode gold deposits.

In addition, the drilling intersected ultramafic lithologies from the Murrin Murrin domain on the western side of the Celia tectonic lineament, which are highly prospective for Ni-Co laterite as well as felsic volcanics at North Well and Aermotor target areas, which are prospective for volcanic hosted massive sulphide (VHMS) Zn-Pb-Cu-Au-Ag mineralisation.

**Chairman Patrick Holywell said,** *"Our early findings from the Phase Two program are promising and we look forward to updating shareholders with results as they become available. We are confident that turn around times on assay results will be expedited following discussions with the laboratory. This program was designed to test a number of high priority targets which we identified during the Phase One program. In addition, we have tested structural targets at Triton, North Well and Celia."*

The initial phase of AC drilling tested 26 out of approximately 60 intrusive targets with 18 of these confirmed as fractionated, felsic intrusives prospective for bulk tonnage gold mineralisation. A number of mineralised felsic intrusives are located along strike of the MGP and within the Laverton Tectonic Zone and include Wallaby (~7Moz), Jupiter (~1.5Moz) and Cameron Well (0.25Moz).

**DIRECTORS**

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**Steve Groves**  
Technical Director

**Joshua Letcher**  
Non-Executive Director  
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Drilling at Korong and Aermotor has followed up on anomalous gold intersected in the Phase One program which included 4m @ 1.38g/t Au and 4m @ 0.19g/t Au at Korong and 4m @ 0.44g/t Au at Aermotor. Analysis of the end of hole multielement geochemical data from each of these targets further confirmed that they are fractionated, felsic intrusives with the Korong intrusive belonging to the sanukitoid suite of evolved intrusive rocks similar to that which also hosts De Grey Mining Limited's (ASX:DEG) ~7Moz Hemi discovery making it a high priority target.

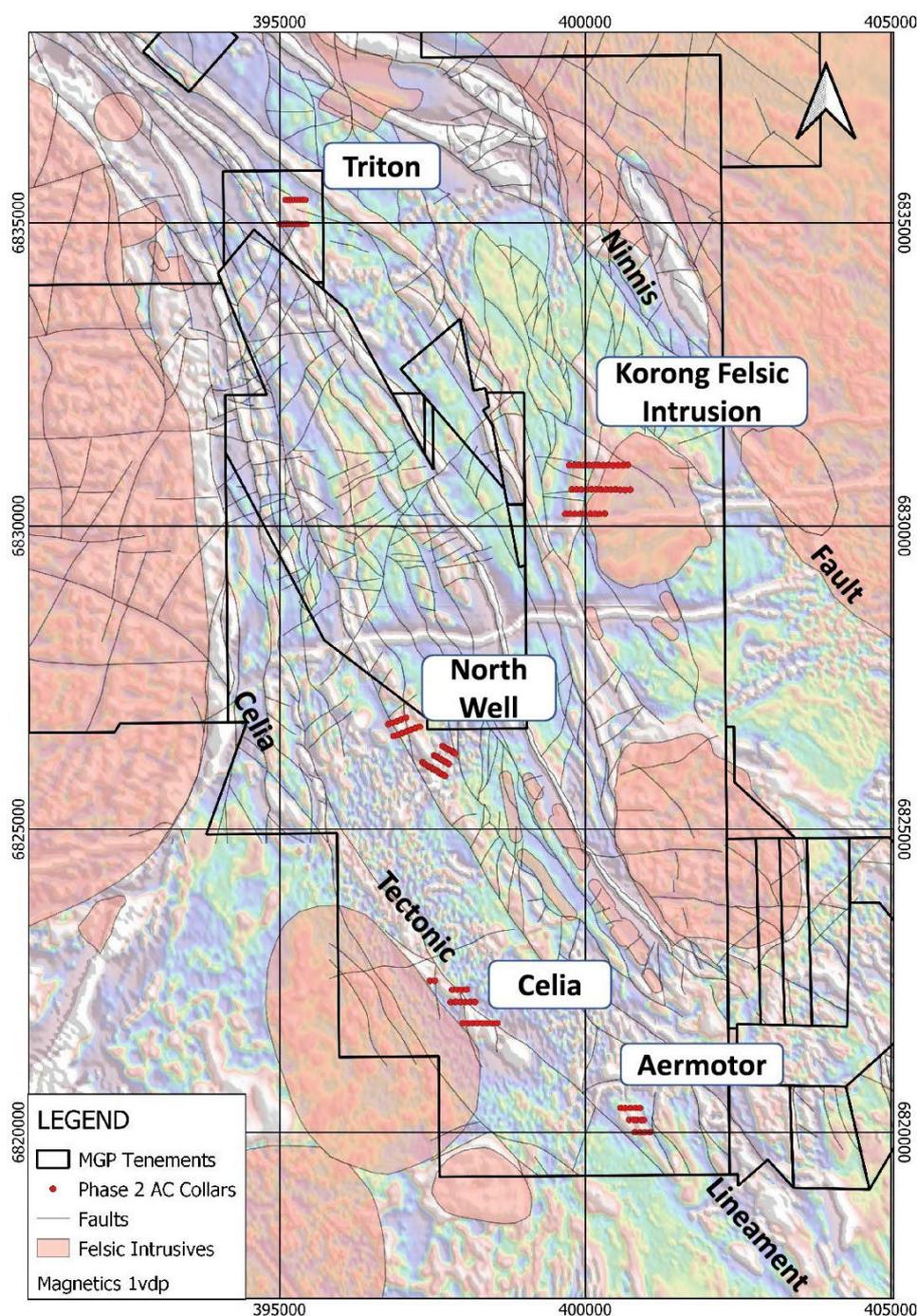


Figure 1. Location of holes drilled in the Phase Two aircore drilling program.

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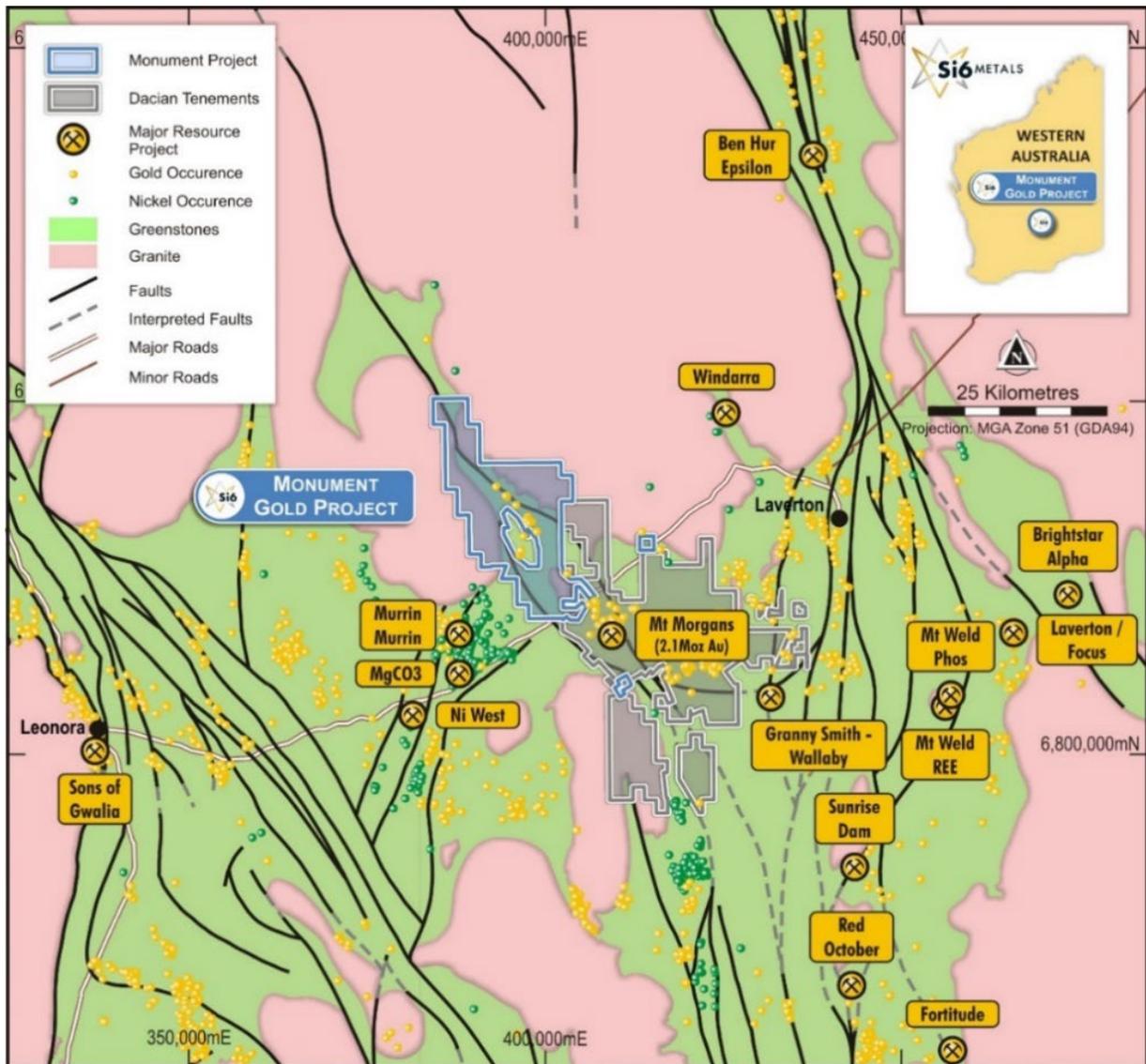


Figure 2. Location of Monument Gold Project.

### 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.

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

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

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### **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 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 Executive Chairman of Si6 Metals Ltd, Mr Patrick Holywell.*

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