NORWEST MINERALS

ASX ANNOUNCEMENT
ASX: NWM

28 October 2022

EIS grant received by Norwest for Arunta West RC drilling campaign

Highlights:

- **Norwest has been awarded a drilling grant of $180,000 through the WA Government's Exploration Incentive Scheme for the upcoming RC drilling campaign at its 840km^2 Arunta West project**

- **Funds will be used to complete a 3,500m RC drilling program to test two high priority geochemical targets:**
    - **a 3km x 2km REE anomaly**
    - **a 6km x 2km lithium anomaly**

- **Assay results from recent infill soil sampling of the lithium zone and along the flanks of the REE anomaly are being received and analysed to refine the drill targets**

- **All required permits are in place to commence the drilling after 1 December 2022 as required under EIS grant terms**

Norwest Minerals Limited ("Norwest" or "the Company") (ASX: NWM) is pleased to report it has been awarded an Exploration Incentive Scheme (EIS) grant of up to $180,000 by the WA Government in support of its program to RC drill test large REE and lithium geochemical targets at its 840km^2 Arunta West project area.

The Arunta West geochemical targets include a 3km x 2 km REE anomaly and a 6km x 2km lithium anomaly defined by fine-fraction multi-element soil sampling. Assay results from infill soil sampling of the lithium zone and along the flanks of the REE anomaly are being received and analysed to refine the RC drill targets. Both targets are located at the western end of the 80km long tenement package, being approximately 70kms south of the recently announced REE discovery by WA1 Resources Limited (ASX: WA1)[1].

Norwest's CEO, Mr. Charles Schaus commented: *"Norwest is very excited by the prospect of drilling these geochemical targets and we certainly appreciate the recognition and support received from the WA government. The Norwest drilling follows the announcement by explorer WA1 Resources Limited (ASX: WA1) of the REE discovery on its West Arunta project located* *nearby[1]. As per the EIS conditions, Norwest cannot mobilise to site until after 1 December 2022 which coincides with the area's wet season, thus the drilling will commence in early 2023.*

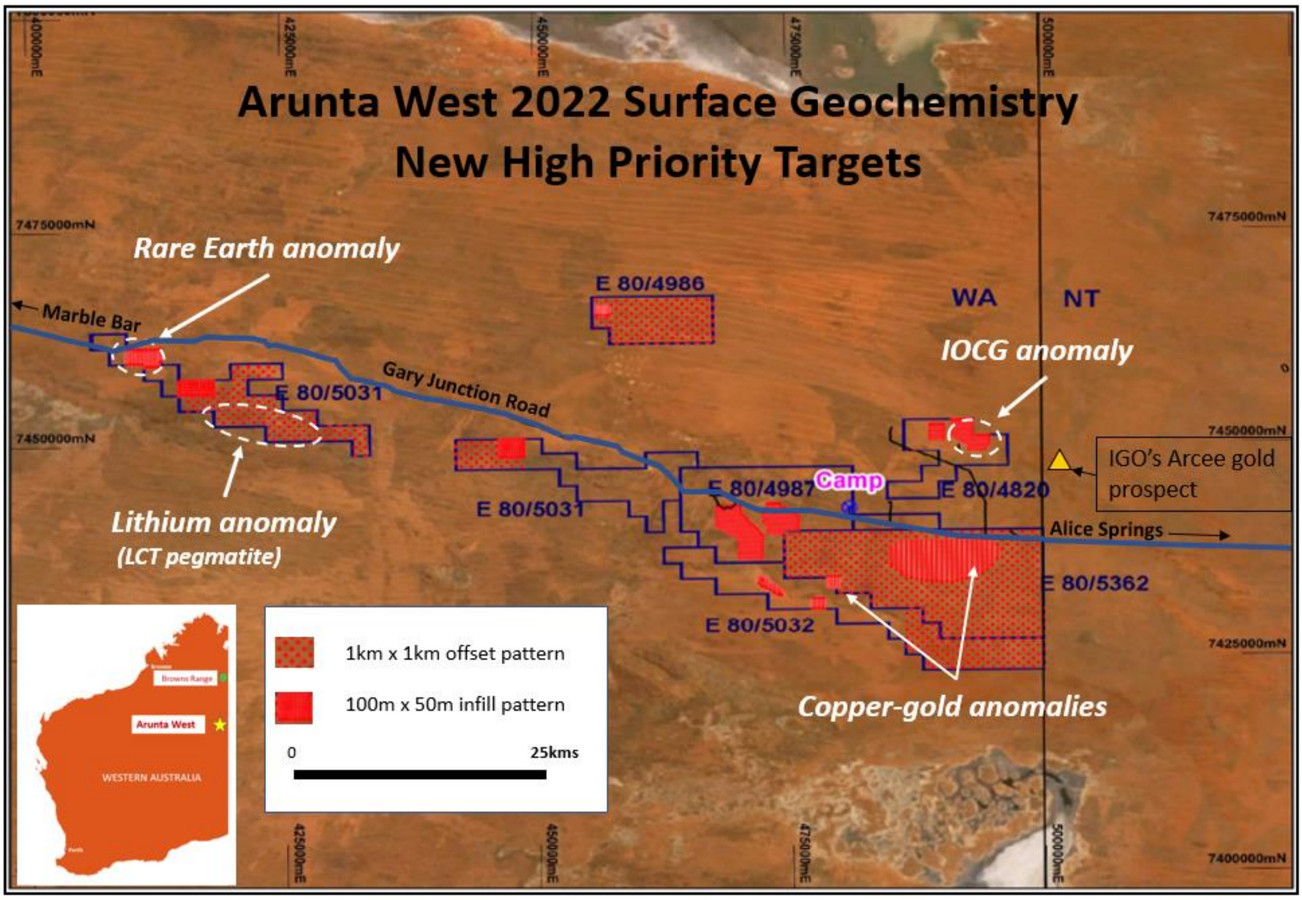


Figure 1 – Arunta West tenements (840km²) showing 2021 soil sample coverage and locations of the new REE, Lithium, IOCG, and Copper-Gold anomalies and the fully maintained Gary Junction Road extending through the project.

The Rare Earth (REE) Anomaly

Norwest Minerals independent consulting geochemist has identified an area having highly elevated, coincident, rare earth elements Cerium (Ce), Lanthanum (La) and Yttrium (Y) concentrated in zones along a 3km section of the contact between the Mount Webb granites and Bitter Springs sediments. The new rare earth anomaly, which remains open to the west, is located on tenement E80/5031 being 100% held by Norwest.

The geological contact between the Bitter Springs sediments and Mount Webb granite is supported by geophysical evidence including radiometric and magnetic surveys. The geophysics also defines ENE trending structures crossing and disrupting the geological contact. These structural offsets appear to be a focus for the rare earth elements Ce, La and Y.

The location and geological setting of the new REE anomaly is consistent with other rare earth element projects in the Arunta region including the Brown's Range project (Northern Minerals ASX: NTU) located 160kms southeast of Hall Creek in WA and the Nolans project (Arafura ASX: ARU) located at Nolan's Bore 135kms west of Alice Springs in the NT. (See map in figure 2[2].)

[1] ASX: WA1 – Announcement 26 October 2022, 'West Arunta Project – Discovery of Mineralised Carbonatite'

[2] Spandler, Carl. "Unconformity-related rare earth element deposits: A new source of critical metals for Australia." YouTube video, 58:22., 07 Dec. 2020. https://www.youtube.com/watch?v=DHmmyMWmwUI

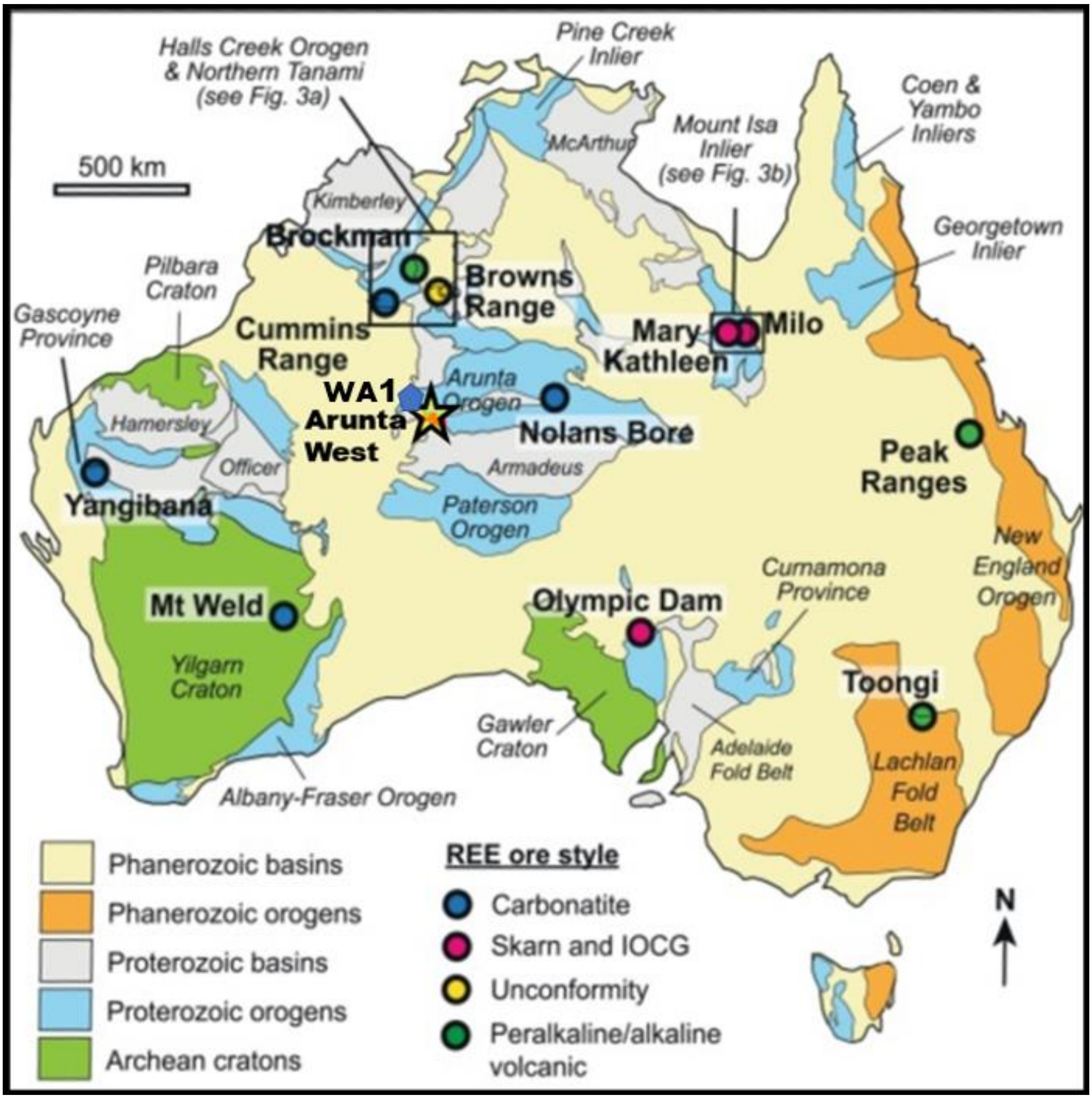


Figure 2 – Map showing location of Arunta West project relative to other hardrock rare earth element deposits in Australia.

An REE Discovery Benchmark

Aspects of the Browns Range Rare Earths Project[3] were reviewed by Norwest due to its proximity and geologic setting to the new Arunta West rare earth anomaly. The Browns Range operation is located 160kms southeast Halls Creek and in 2019 began producing Heavy Rare Earth Elements from hard rock through its pilot plant.

Northern Minerals open file WAMEX report (a109438) from 2013-14 includes Ce, La and Y data from initial soil sampling programmes at Browns Range which led to the identification of the high-grade Dazzler and Iceman REE prospects. Recent follow-up RC drilling at Dazzler has delineated an Inferred Mineral Resource of 0.21Mt @ 2.33 Total Rare Earth Oxides (TREO).

Comparing the Dazzler & Iceman REE prospects to the new Arunta West rare earth anomaly reveals noteworthy similarities including a lookalike geological setting where the higher-grade Ce, La & Y elements are concentrated at disruptions along a major granite/metamorphic -

[3] ASX: NTU – Announcement 15 February 2022, 'NTU Corporation Presentation – RIU Explorers Conference'

sediment contact. Of interest, is the tenor of the coincident Ce and La surface samples over the Arunta West anomaly being more than double that of the same ‘high-grade’ elements used to identify the Dazzler and Iceman prospects in 2013-14. See dot plots in figure 3 below.

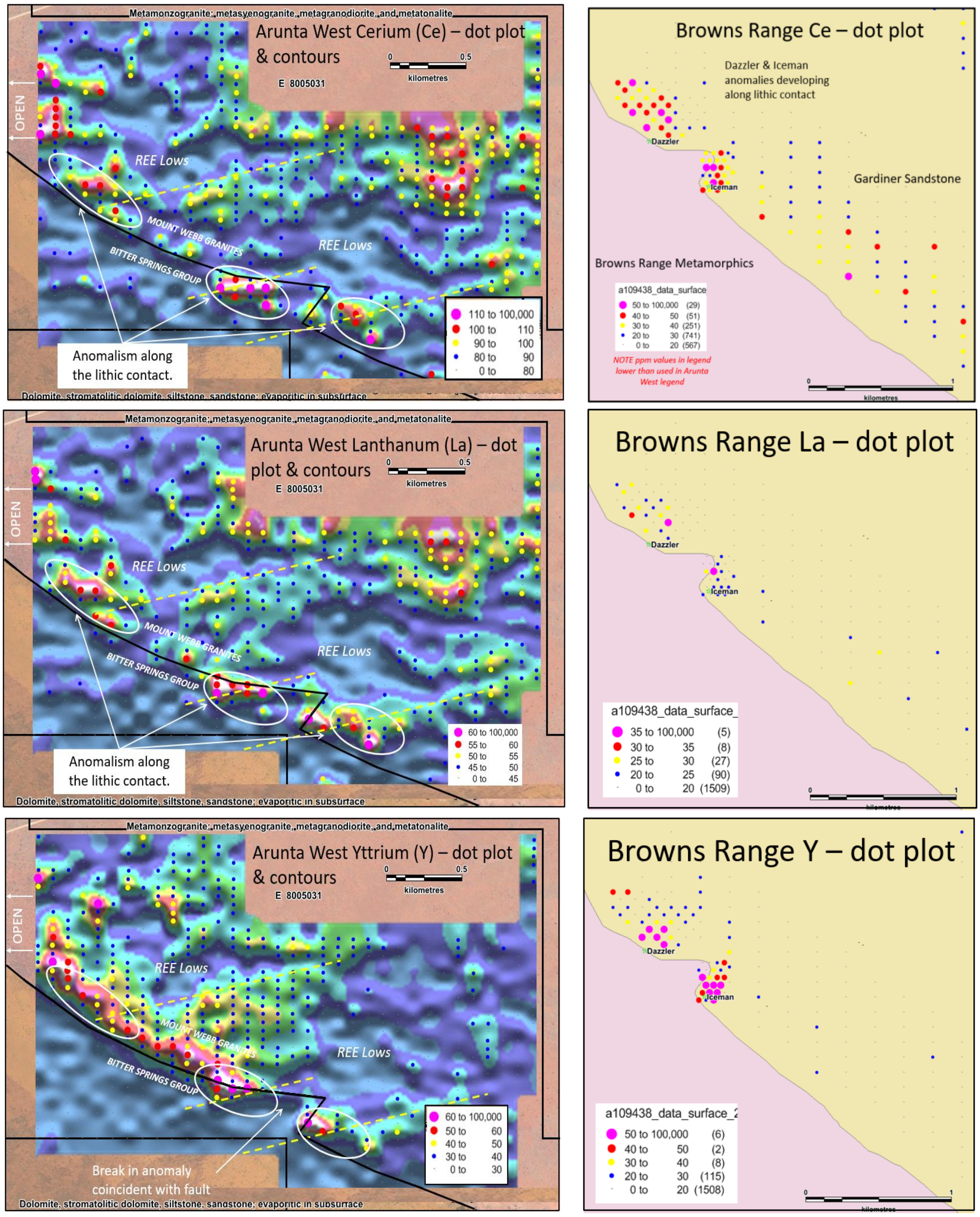
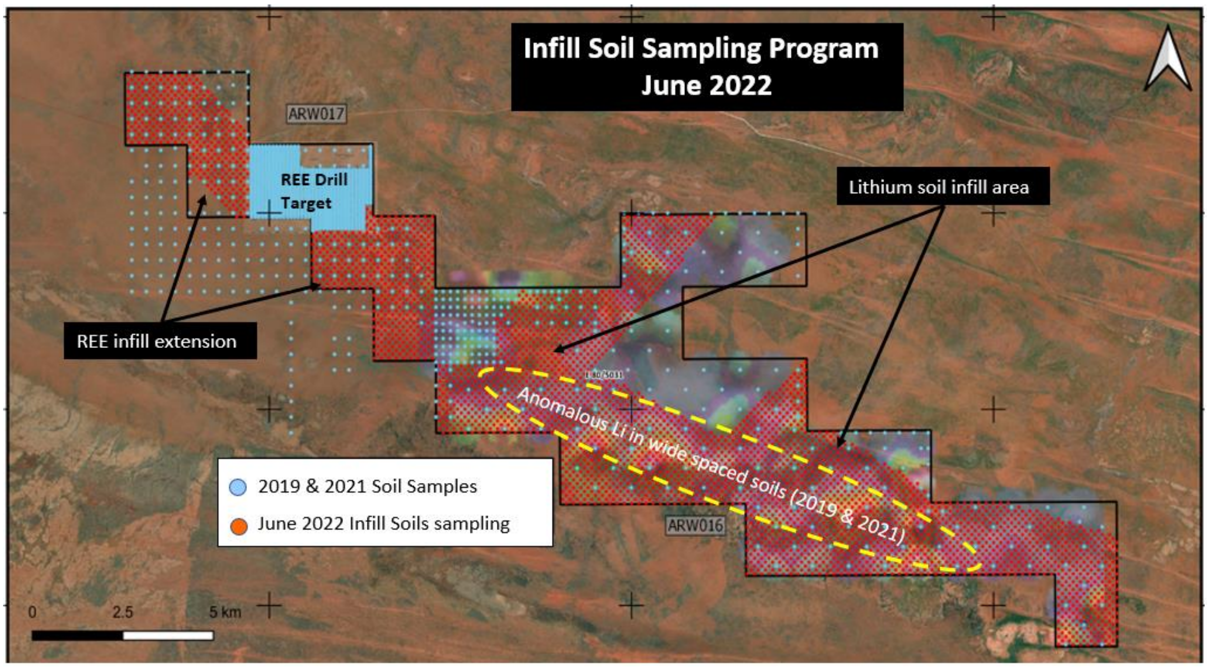


Figure 3 – Arunta West dot & countour plots of REE grades Ce, La, Y (ppm) benchmarked against the Dazzler & Iceman prospect 2013-14 Ce, La & Y discovery grades. Note Arunta West Ce & La tenor is significantly higher than those used to identify Dazzler and Iceman which is apparent when compaing the grade ranges in the respective dot plot legends.

The Lithium (LCT pegmatite) anomaly

Analysis of the muti-element assay results from widely spaced soil samples collected across tenement E80/5031 (NWM 100%) has highlighted a large 6km x 2km area having zones of coincident and elevated lithium, tantalum, and niobium; all of which are key elements associated with fertile LCT pegmatites. The anomalous LCT-pegmatite zones are situated within the Bittersprings/ Paterson /Heavitree Formation located along the Mount Webb granite contact where regional scale structures crosscut and appear to focus these key elements.

The Company's 2021 regional soil samples were collected on a 700m x 700m offset grid pattern across the LCT pegmatite anomaly and were submitted for a 48 element multi element analysis. The 2021 soils programme was designed by Norwest's consulting geochemist based on his analysis of the 3,000 soil samples collected by the Company in 2019 and his review of previously unexplored areas across Norwest extensive landholding. Follow-up exploration in mid-2022 at the flanks of the REE anomaly and across the LCT pegmatite anomaly included the collection of 3,600 infill soil sampling on a 200m x 200m diagonal pattern. The soils were fine-fraction sieved and assayed for multiple elements with the results currently being received and analysed by the company.



The IOCG anomaly

Norwest's geochemist has also identified a 3km x 1.5km copper anomaly with an internal 2.5km x 0.5km gold anomaly. The new copper-gold anomaly is associated with a suite of elevated elements related to iron-oxide-copper-gold (IOCG) systems. The IOCG anomaly is located on a regional structure which extends northwest through IGO's tenement E80/5001 & the Tali-RIO farm-in tenement E80/5423 and to the southeast through the Arcee gold prospect located on the WA-NT boarder 6kms from the new IOCG anomaly. See figure 4.

The Arunta West project area has had no systematic geochemical exploration prior to Norwest's first pass 3000-point regional soil program completed in 2019. This work applied conventional soil sampling techniques and analysed 33 elements. In 2021, the data was reviewed by Norwest's consulting geochemist. Infill and regional soil sampling grids were designed and 6,550 soil samples were collected in mid-2021 using the fine fraction sampling and preparation method. The samples were analysed for 48 elements including ultra-low detection (0.01 ppb) for gold with the final lab assay results reported to Norwest in early 2022. Ultra-low gold assays from fine-fraction soil samples have proven very successful in identifying anomalous gold targets in the Arunta region including the Arcee gold prospect located 6kms southeast of Norwest's new copper-gold anomaly. Reverse circulation (RC) drilling at Arcee in 2019 returned 12m @ 3.5g/t from 112m from the northwest trending 800m long gold anomaly defined by ≥2ppb gold results[4]. Subsequent soil sampling on a 200m x 400m grid has extended the Arcee gold anomaly from 800m to 2.3km[5] with the anomaly crossing onto IGO's 100% held WA tenement E80/5001. This tenement surrounds Norwest tenement E80/4820 where the new copper-gold anomaly is located.

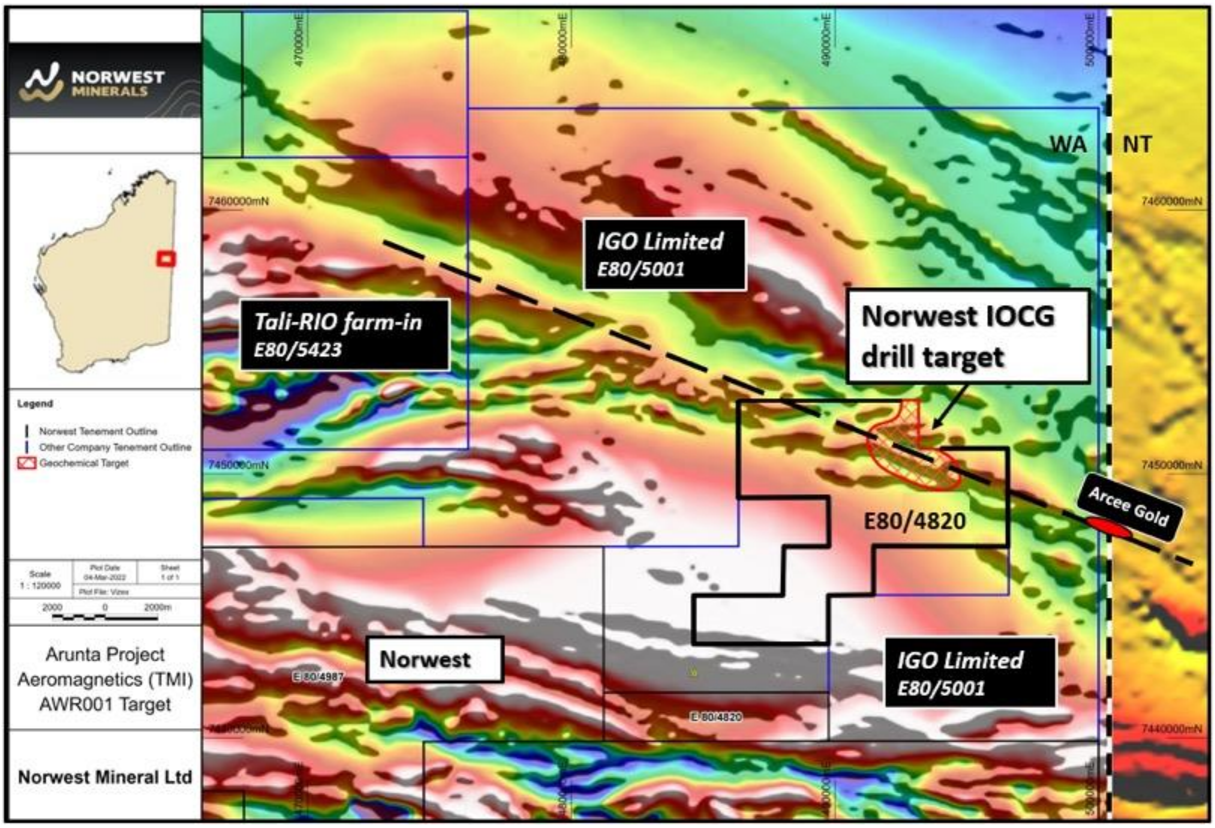


Figure 4 – Location of new copper-gold anomaly and regional structure passing through the Arcee gold prospect to the southeast and tenements held by IGO and Rio to the northwest

Land Access

Importantly, all Arunta West project tenements are covered by fully executed Land Access Agreements with the Tjamu Tjamu people and supported by a Mining Entry Permit issued to Norwest in 2021 by the Minister for Aboriginal Affairs.

This ASX announcement has been authorised for release by the Board of Norwest Minerals Limited.

For further information, visit www.norwestminerals.com.au or contact

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[4] ASX: PRX – Announcement 16 October 2019, 'Lake Mackay JV Update: New Gold Prospect Identified'
[5] ASX: PRX - Announcement 12 December 2019, 'Lake Mackay JV Update'

FORWARD LOOKING STATEMENTS

This report includes forward-looking statements. These statements relate to the Company's expectations, beliefs, intentions or strategies regarding the future. These statements can be identified by the use of words like “will”, "progress", “anticipate”, “intend”, “expect”, “may”, “seek”, “towards”, “enable” and similar words or expressions containing same.

The forward-looking statements reflect the Company’s views and assumptions with respect to future events as of the date of this announcement and are subject to a variety of unpredictable risks, uncertainties, and other unknowns. Actual and future results and trends could differ materially from those set forth in such statements due to various factors, many of which are beyond our ability to control or predict. Given these uncertainties, no one should place undue reliance on any forward-looking statements attributable to the Company, or any of its affiliates or persons acting on its behalf. The Company does not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Neither the Company nor any other person, gives any representation, warranty, assurance, nor will guarantee that the occurrence of the events expressed or implied in any forward-looking statement will actually occur. To the maximum extent permitted by law, the Company and each of its advisors, affiliates, related bodies corporate, directors, officers, partners, employees and agents disclaim any responsibility for the accuracy or completeness of any forward-looking statements whether as a result of new information, future events or results or otherwise.

COMPETENT PERSON’S STATEMENTS

Exploration

The information in this report that relates to Exploration Results and Exploration Targets is based on and fairly represents information and supporting documentation prepared by Charles Schaus (CEO of Norwest Minerals Pty Ltd). Mr. Schaus is a member of the Australian Institute of Mining and Metallurgy and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to its activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Schaus consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.