

21 November 2019

## **Norwest commences resource extension drilling at its 100%-owned Bulgera Gold project**

### **Highlights:**

- Norwest has commenced an 8,700-metre reverse circulation (RC) drilling programme at its 100%-owned Bulgera Gold project targeting gold mineralisation below and adjacent to the four historical open-cut pits.
- In September 2019, the historical Bulgera drill hole database was used to produce a new JORC 2012 gold resource model containing 2.0 million tonnes grading 1.03 g/t gold for 65,500 ounces<sup>1</sup>.
- The 107-hole RC programme is designed to significantly increase the new Bulgera resource by extending the existing multiple gold lodes beyond the historical drilling limits.
- The Bulgera greenstone package is an offset extension of the +5 million-ounce Plutonic Well greenstone belt which includes the gold-rich Marymia mine sequence hosting multiple gold deposits and prospects including the world-class Plutonic Gold operation.
- In early 2020, Norwest will commence a 14,250 metre aircore drill programme to test numerous gold targets along the 5-kilometre strike of the Bulgera sheared greenstone package.
- Norwest is debt-free and holds cash reserves of ~\$5 million following its successful \$3.14 million Rights Issue announced 30 September 2019

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<sup>1</sup> ASX Announcement NWM, 11 September 2019, 'Norwest completes Bulgera database review – announces maiden Gold Resource'

## Norwest commences resource extension drilling at Bulgera Gold Project

**Norwest Minerals Limited** (“Norwest” or “the Company”) (Australia ASX: NWM) is pleased to announce the commencement of reverse circulation (RC) drilling at its 100%-owned Bulgera Gold project. The 8,700 metre, 107-hole RC drill programme will target multiple near-surface gold lodes adjacent to and extending below the four historic, shallow open cut pits. Figure 1.

At Bulgera, the historical drilling includes 422 RC holes for 21,380 meters. Of these, just 140 holes extend below 50 vertical meters and only 8 RC holes penetrate below the 100 vertical metre level. Past open-cut mining at Bulgera extracted 441kt @ 1.65g/t and last supplied ore to the large Plutonic Gold mine in 2004. No further drilling has been carried out at Bulgera since that time. Figure 2.

A new JORC 2012 gold resource was estimated by Norwest last September using the historical Bulgera drill hole database to delineate 2 million tonnes grading 1.03 grams per tonne gold for 65,500 ounces. The new RC drill programme is designed to significantly expand the gold resource by both drilling down dip of the defined multi-lode gold mineralisation and in-fill drill zones closer to surface where only wide-spaced drilling currently exists. Figure 3.

The Bulgera greenstone package has been interpreted as a faulted extension of the Marymia mine sequence across a system of curved thrusts where Marymia and Bulgera are offset. This is supported by the similarity in lithologies between the deposits and the magnetics which show the drag of the Bulgera trends into the interpreted fault structures<sup>2</sup>. Figure 4.

At the Marymia Gold project held by Vango Mining Limited (Vango), a number of historical gold mines and newly discovered gold deposits and prospects are hosted within the main mafic/ultramafic mine sequence. A number of these gold occurrences are located immediately west of where the host sequence is offset to the southeast and continues eastward as the Bulgera Gold project. For the past 3 years, Vango has been drill targeting gold mineralisation within the Marymia mine-sequence; primarily below 100 vertical metres. Their deeper drilling has proven very successful with wide high-grade gold drill intercepts being announced to the ASX on a regular basis. Figure 5

The limited drilling of the Bulgera mafic/ultramafic mine sequence presents Norwest with the opportunity to intersect significant gold mineralisation below 100 metres when considering the rich history of discovery within the equivalent unit at Marymia.

In early 2020, Norwest will commence a 14,250 metre aircore drill programme to test numerous targets along the 5-kilometre strike of the Bulgera sheared greenstone package. Targets include geophysical features, anomalous gold-in-soil zones and areas where thick transport cover has likely masked anomalous gold in historical surface sampling programmes. Figure 6.

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<sup>2</sup> Richards, R., May 2016. Information Memorandum, Bulgera Gold Project, Plutonic Well Greenstone Belt, WA

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**Norwest Minerals CEO, Charles Schaus commented:** “The kick-off of RC drilling at Bulgera signals the start of Norwest’s quest to increase the project’s current gold resources in a bid for early cashflow and, importantly, for the discover of that company making gold deposit ” With \$5 million in the tin, all statutory approvals in place and a plethora of highly prospective gold targets to be drilled, there are exciting times ahead for Norwest”

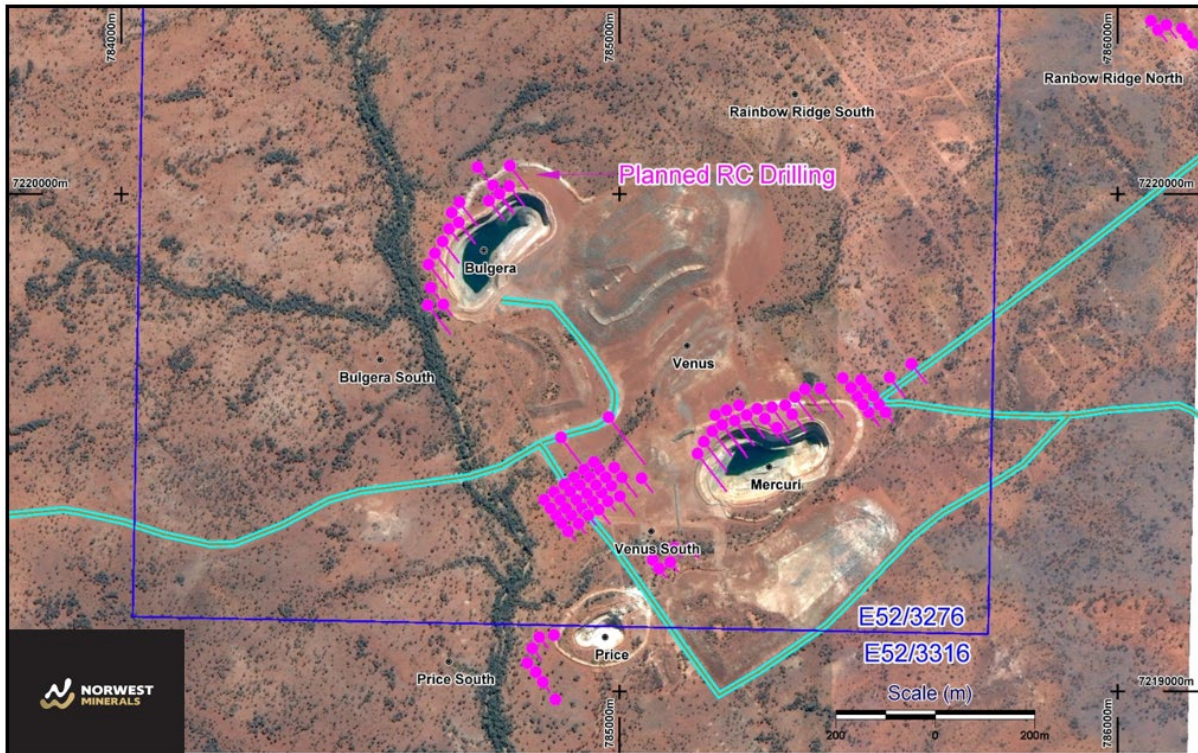


Figure 1 – Bulgera gold project maiden Norwest reverse circulation (RC) drill collar locations.

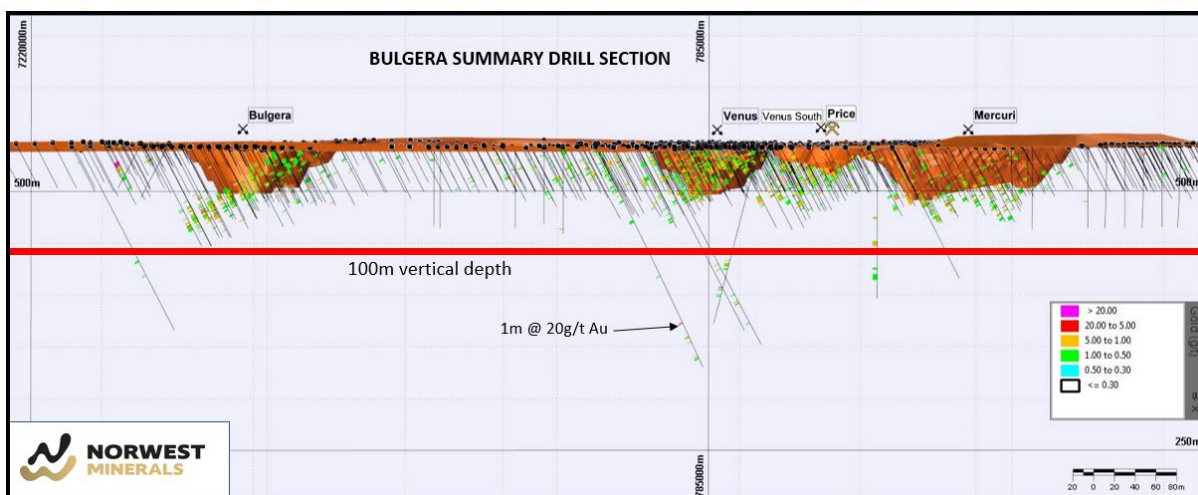


Figure 2 – Bulgera summary section with historical drill hole traces showing the lack of drill testing below 50 and 100 vertical metres depth.

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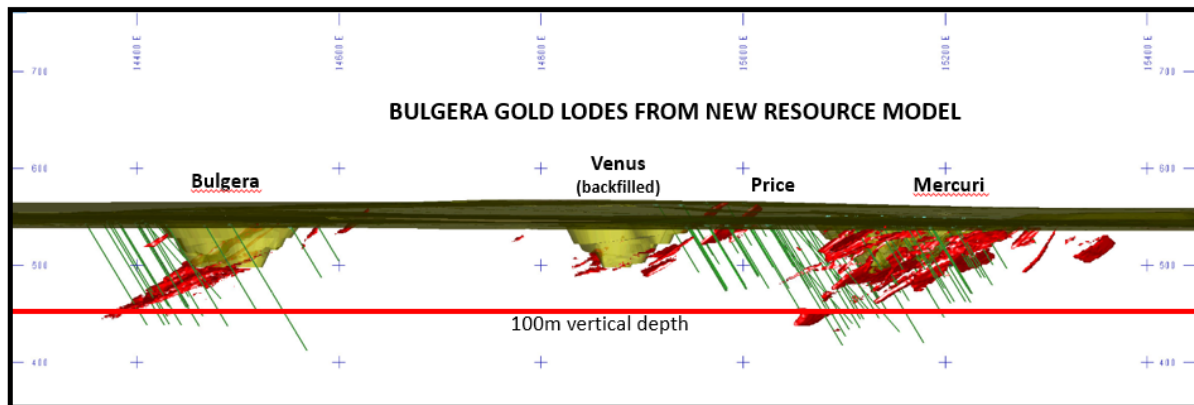


Figure 3 – Bulgera modelled gold lodes defining new JORC 2012 resource with planned RC drill traces

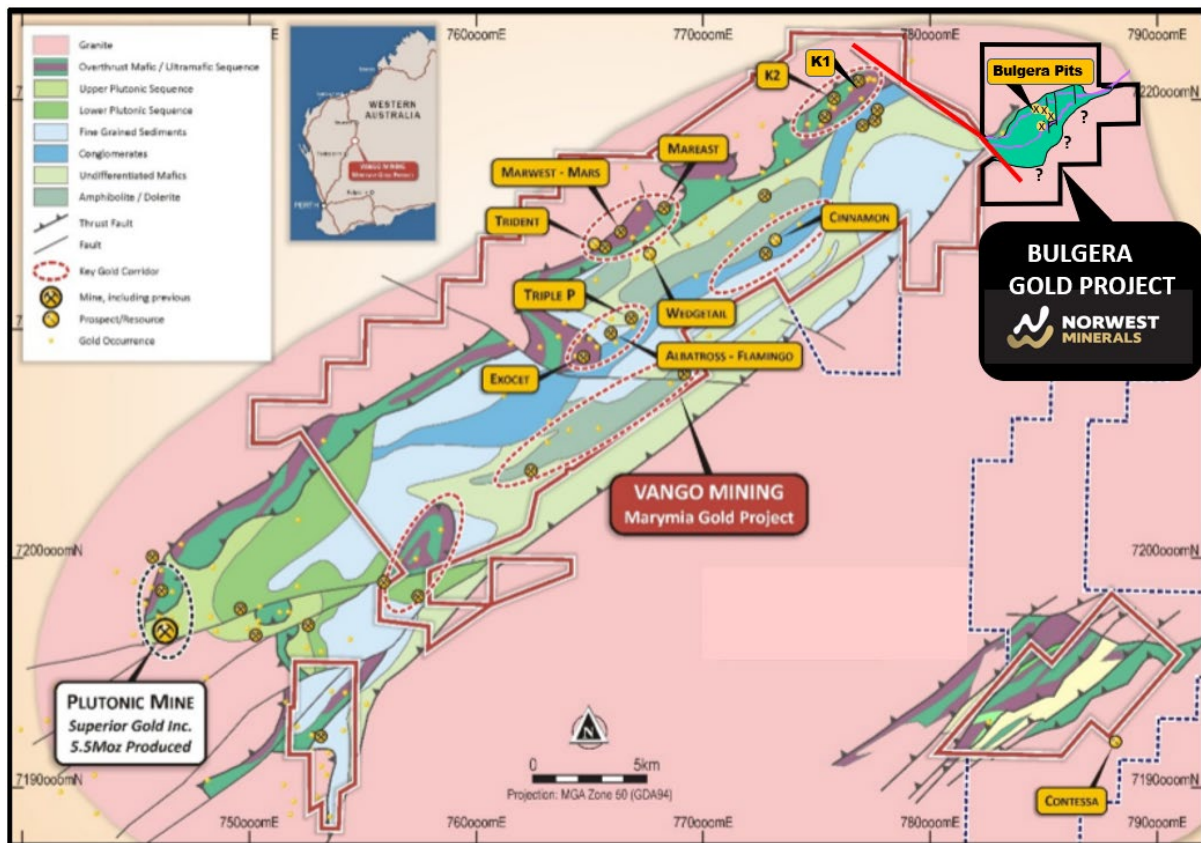


Figure 4 – Plutonic Well Greenstone Belt showing numerous Marymia gold prospects in the mafic/ultramafic mine sequence and where this unit is offset southeast and continues as the Bulgera mine sequence.



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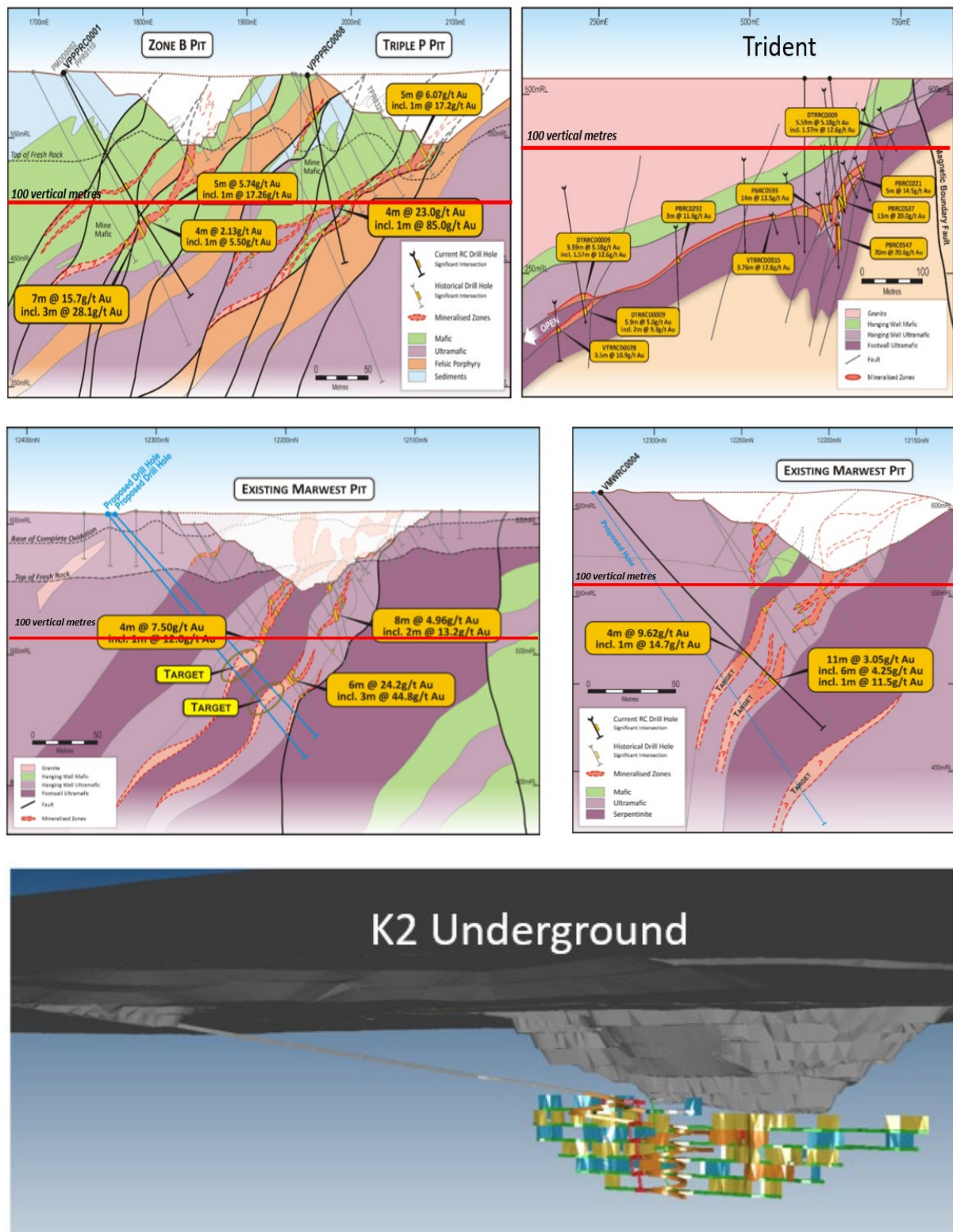


Figure 5 – Sections through Vango's Marymia mine sequence hosting the various Marymia gold prospects & the K2 underground orebody demonstrates that wide high-grade gold intercepts are prevalent below 100 vertical metres (marked by red line across each section<sup>3</sup>)

<sup>3</sup> Sections sourced from various ASX announcement and Quarterly Activity Reports submitted by Vango Mining Limited between 2016 and 2019.

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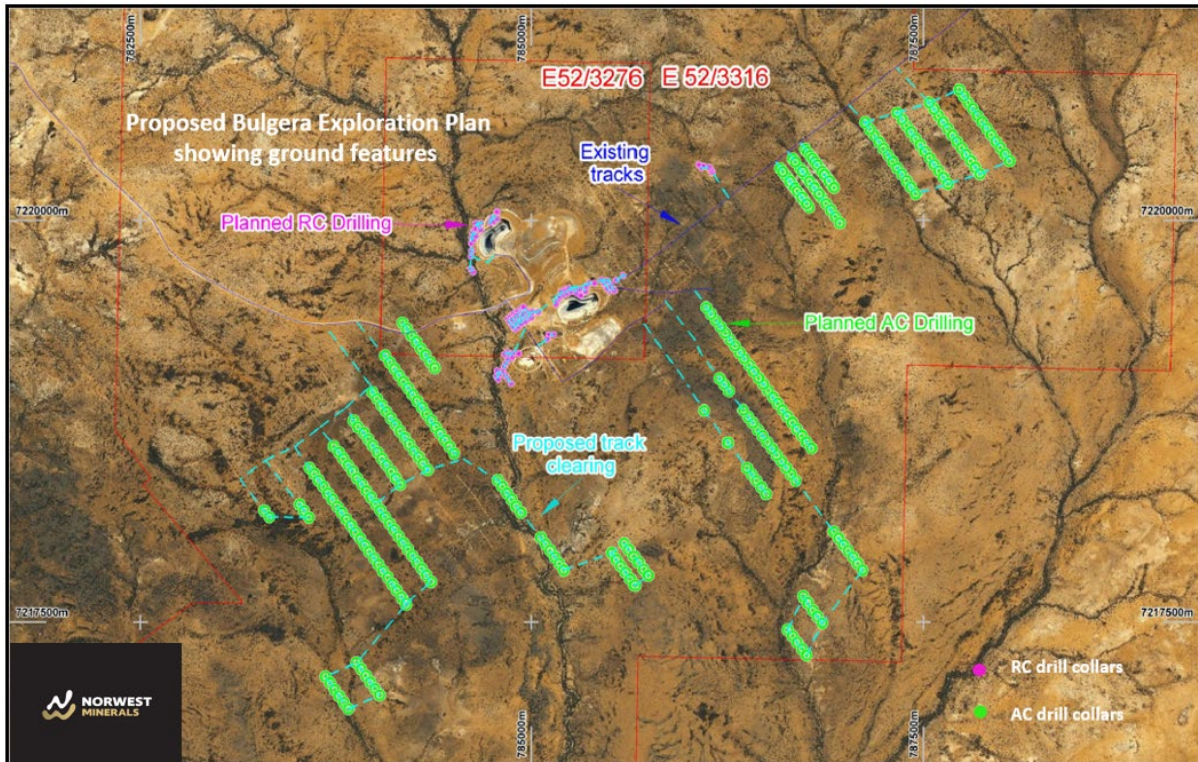


Figure 6 – Aircore drill collar locations (green) for regional Bulgera project exploration commencing February 2020.

## COMPETENT PERSON'S STATEMENTS

### Mineral Resource Estimate

The information in this report that relates to mineral resource estimation is based on work completed by Mr. Stephen Hyland, a Competent Person and Fellow of the AusIMM. Mr. Hyland is Principal Consultant Geologist with Hyland Geological and Mining Consultants (HGMC) and holds relevant qualifications and experience as a qualified person for public reporting according to the JORC Code in Australia. Mr Hyland is also a Qualified Person under the rules and requirements of the Canadian Reporting Instrument NI 43-101 Mr Hyland consents to the inclusion in this report of the information in the form and context in which it appears.

### Exploration

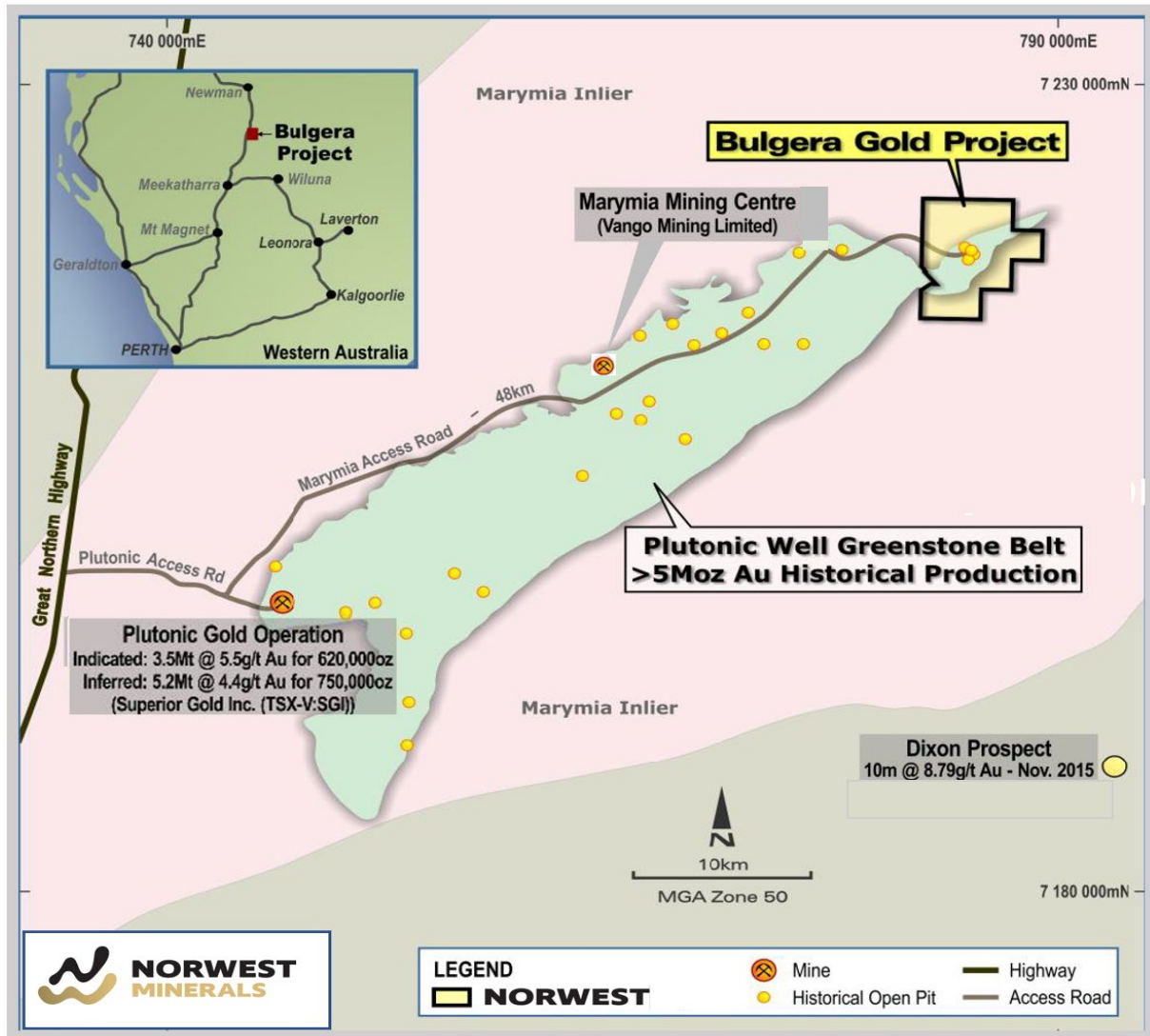
The information in this report that relates to Exploration Results and Exploration Targets is based on and fairly represents information and supporting documentation prepared by Charles Schaus (CEO of Norwest Minerals Pty Ltd). Mr. Schaus is a member of the Australian Institute of Mining and Metallurgy 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.



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### About the Bulgera Gold Project

The Bulgera Gold Project comprises two granted exploration licences, E52/3316 and E52/3276, covering 36.8km<sup>2</sup> over the northeast end of the Plutonic Well Greenstone Belt, 200km northeast of Meekatharra. The project is located 20km northeast of the Marymia mining centre and 48km via road from the operating Plutonic gold mine which has produced over 5 million ounces of gold since 1990. The Plutonic mine was recently purchased by Toronto listed Superior Gold Inc. (TSX-V:SGL).



The project contains four shallow open pits that have undergone two phases of mining between 1996 and 1998 and again between 2003 and 2004. Mining of the four pits being Bulgera, Mercuri, Venus and Price produced a reported 440,799 tonnes of ore @ 1.65 g/t Au for 23,398 ounces. The ore was treated at the Marymia mining centre during the first phase and the Plutonic processing facility during the second phase.

Vango Mining Ltd (ASX: VAN) is aggressively exploring the Marymia tenements along the mafic-ultramafic mine sequence where they have made a number of high-grade gold discoveries include the high-grade Trident deposit being 1.59Mt @ 8g/t gold for 410,000 ounces.

The Bulgera Gold Project location is endowed with infrastructure including the large Plutonic Gold Mine operating nearby, 2 x gas-fired power stations, overhead transmission power lines, bore fields, airstrip and camp facilities.

Norwest acquired the Bulgera Gold Project in July 2019.