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## STRATEGIC TENEMENT HOLDING ACQUIRED IN THE DUKETON GREENSTONE BELT

### Highlights

- Acquisition of a large strategic tenement holding from Duketon Mining Ltd (DKM) for \$20m cash and up to \$5m in contingent payments
- Regis now controls 90% of the gold rights in the Duketon Greenstone Belt (DGB), tripling its landholding to ~3,000km<sup>2</sup>, along strike and adjacent to its existing resources and processing plants at Moolart Well, Garden Well and Rosemont
- Immediate work will be initiated to expand advanced exploration prospects including:
  - Lancefield North<sup>1</sup> - Inferred Resource of 1.9Mt @ 1.5 g/t Au for 96,000 ounces
  - Golden Star<sup>2</sup> - significant intersections: 50m @ 1.6g/t Au incl. 17m @ 3.8g/t Au and further downhole 16m @ 2.3g/t Au incl. 8m @ 4.3g/t Au
  - McKenzie Well<sup>3</sup> (3km from Garden Well mill) – significant intersections: 16m @ 1.0g/t Au and 9m @ 2.1g/t Au not drilled along strike onto Regis tenure
  - Petra – now able to extend north onto Duketon Mining tenure
- Expanded greenfield exploration activities to accelerate new discoveries
- DKM to retain nickel rights over five of the tenements

<sup>1</sup> The Mineral Resources were estimated by DKM – Refer to DKM's ASX announcement of 24 March 2018 – "96,000oz Maiden Resource for Lancefield North"

<sup>2</sup> Refer to DKM's ASX announcement of 7 November 2018 – "34m @ 2.3g/t Au at Golden Star"

<sup>3</sup> Refer to DKM's ASX announcement of 26 June 2019 – "McKenzie Well Drill Update"

### Comment

Regis Managing Director, Mr Jim Beyer commented: "The considerable expansion of our landholding around our three mills provides a tremendous opportunity to invest further in exploration to expand the resource base and extend the mine life of our Duketon Operations. Being able to accelerate greenfields exploration in an area which has previously been underexplored and is host to major shear zones and the extension of our existing orebodies is an immediate opportunity for the Company. We are very excited to be able to apply our knowledge of the mineralisation and deposits at Duketon to work towards further exploration success."

## OVERVIEW

Regis Resources Limited (ASX: RRL) (“Regis” or “the Company”) has agreed to acquire a strategic package of tenements surrounding its Duketon Operations from Duketon Mining Limited (ASX: DKM) (“Duketon”), for \$20 million in cash and up to \$5 million in contingent payments.

The Company has acquired 35 tenements, of which 32 are granted Exploration Licenses with three applications pending together with the gold rights on M38/1252. The tenements acquired (Schedule 1) lie along strike and adjacent to Regis’ landholding including the Rosemont, Garden Well and Moolart Well Gold Mines. The tenement package will increase Regis’ landholding in the Duketon Greenstone Belt (“DGB”) by approximately 2,000km<sup>2</sup> (Figure 1).

Importantly, the tenement acquisition includes multiple advanced gold exploration prospects which will be the focus of immediate exploration and could potentially become resources for processing at Moolart Well, Garden Well or Rosemont. Immediate work will be undertaken to define the extent of known gold mineralisation at multiple prospects including:

### Lancefield North

The Lancefield North<sup>1</sup> JORC 2012 Resource, 1.9 Mt @ 1.5 g/t Au for 96,000oz gold has been drilled over 500m strike and is open along strike and down plunge. Lancefield North is located approximately 5km north of the historical Lancefield mine (circa. +1Moz) and approximately 12km north of Laverton. Gold mineralisation is associated with a series of stacked shears within a package of meta-basalts with minor sediment layers. Quartz-carbonate-sulphide veining and intense alteration is associated with these shear zones.

### McKenzie Well

The McKenzie Well is located 5km north along strike of the existing Erlistoun Gold Mine and 4km southwest of Garden Well Gold Mine. Gold mineralisation occurs over 300m strike along an ultramafic contact dipping moderately to the east. Anomalous intercepts close to surface include 16m @ 1.0g/t Au and 9m @ 2.1g/t Au<sup>3</sup>. Gold mineralisation is open down dip and along strike.

### Golden Star

The Golden Star prospect lies along the same geological trend as the Rosemont Gold Mine and is located 25km south of the Baneygo Gold Deposit. Mineralisation occurs as several stacked lenses within a sequence of foliated sheet like gabbroic intrusive units and is associated with quartz veining and sulphide alteration between two strike parallel shear zones.

Significant intersections include<sup>2</sup>:

- 50m @ 1.6g/t Au incl. 17m @ 3.8g/t Au and further downhole 16m @ 2.3g/t Au incl. 8m @ 4.3g/t Au (DKRC0120)
- 26m @ 1.6g/t Au incl 5m @ 6.3g/t Au (DKRC0121)
- 34m @ 2.3g/t Au incl. 12m @ 5.3g/t Au (DKRC0165)
- 20m @ 1.5g/t Au incl. 7m @ 3.5g/t Au (DKRCD0165)
- 28m @ 1.0 g/t Au incl. 4m @ 4.7 g/t Au (DKRC0104)

The mineralised zone extends for approximately 600 metres and remains open down dip. Drilling has intersected grades up to 47.9 g/t Au, similar to Rosemont and Baneygo mineralised systems.

In addition to the currently identified targets, a broader programme of surface sampling will commence immediately across the newly acquired tenure to provide a comprehensive geochemical dataset. This will be added to the existing database to generate new targets. Regis will also extend its current greenfields drilling and mapping programs to assess the full strike extent of the underexplored areas including the structural setting around the late sedimentary basin on the western margin of the DGB.

The continuity of landholding along known mineralised trends and unexplored areas across the belt enables Regis to advance exploration on high priority target areas without restriction for the first time in the Company's history. Recent greenfield exploration studies have focused on the entire DGB and has resulted in the first new geological interpretation in over 20 years (Figure 1) based on Regis's geological understanding of the district. This geological model, extensive geophysical and geochemical datasets, and a comprehensive understanding of the mineralised systems, along with an exploration team with over 50 years combined experience in the DGB, places Regis in the optimal position to realise the full potential of the belts gold endowment.

Regis is excited by the opportunity to apply its advanced geological understanding of the belt and exploration processes and techniques which has resulted in the discovery of over 7 Moz of gold on the DGB since 2006.

### **Duketon Nickel Rights**

Duketon Mining will retain nickel rights over five of the tenements (E38/2866, E38/2805, E38/2916, E38/2834 and E38/2666) and will remain with 100% ownership of mining licence M38/1252, which contains the two nickel resources, Rosie and C2. Regis has been granted the gold rights to tenement M38/1252 under a Gold Rights Deed.

### **Consideration**

The purchase price consists of:

1. Closing consideration – \$20 million in cash.
2. Mineral resource contingent payment – \$2.5m in cash payable on the first occasion that Regis announces to the ASX mineral resources totalling more than 250,000 ounces of gold (Measured, Indicated or Inferred) on one or more of the Sale Tenements.
3. Gold production contingent payment – \$2.5m in cash payable on the first to occur of the following:
  - a. first commercial gold production within the Sale Tenements (and not being an extension into the Tenements of Regis' existing mining operation at Petra); or
  - b. in the case of an extension into the Sale Tenements of Regis' existing mining operation at Petra, the mining of greater than 5,000 ounces of gold from the Sale Tenements.

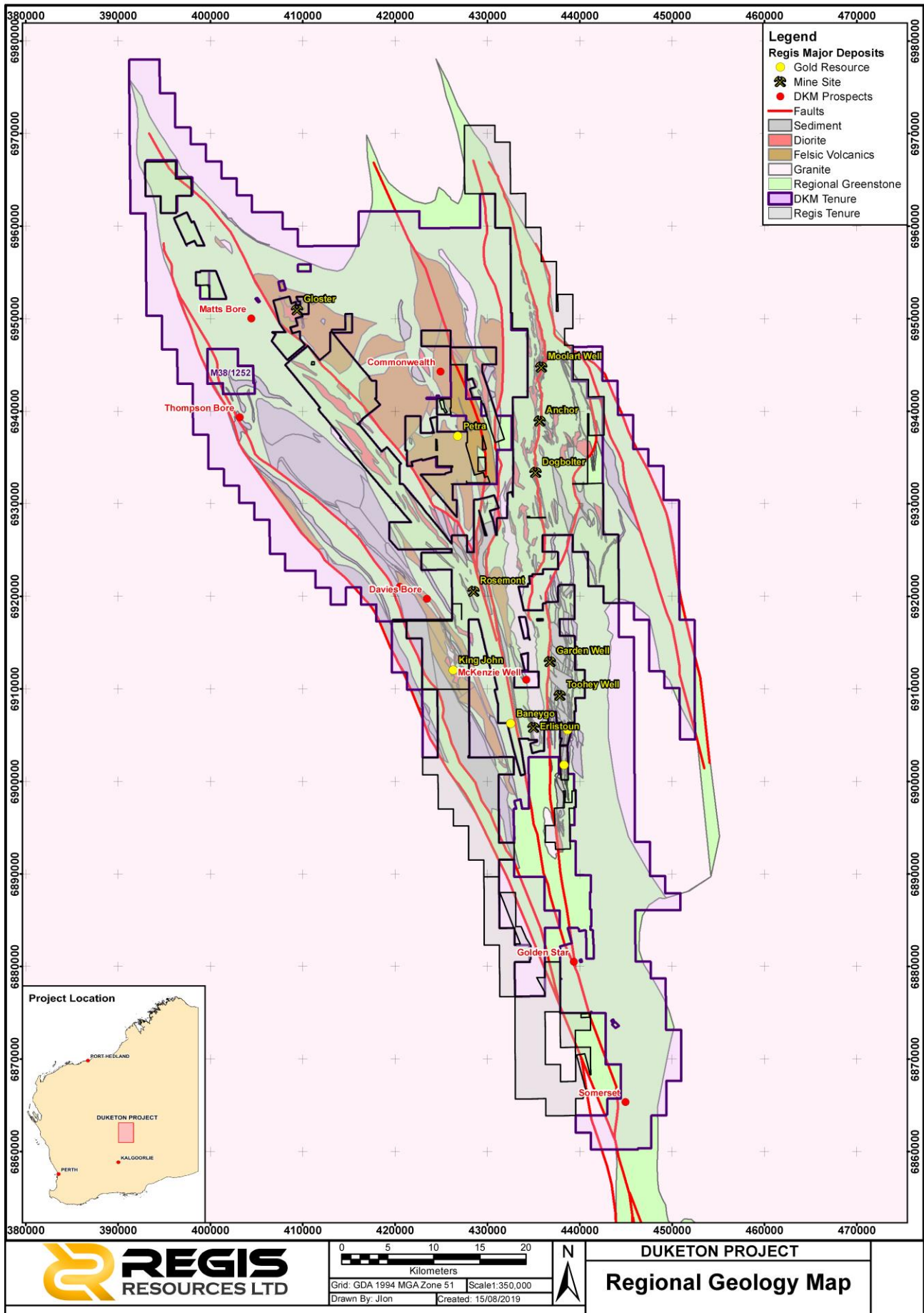


Figure 1: DGB highlighting Regis' and Duketon Mining's landholding

## List of Tenements Acquired by Regis

Tenement	Prospect	Holder
E38/1537	Bandya	DKM
E38/1800	Bandya	DKM
E38/2231	Mason Hill	DKM
E38/2666	Hake Bore	DKM
E38/2699	Claypan Well	DKM
E38/2714	Mt Waite	DKM
E38/2717	Bandya Hill	DKM
E38/2737	Acacia Bore	DKM
E38/2805	Swincers	DKM
E38/2819	Erlistoun	DKM
E38/2834	Mulga Queen	DKM
E38/2866	Swincers	DKM
E38/2898	Duketon	DKM
E38/2916	Granite Peak Bore	DKM
E38/2976	Erlistoun	DKM
E38/2983	Camel Hump	DKM
E38/3002	Lancefield North	DKM
E38/3022	Stella Well	DKM
E38/3061	Duketon	DKM
E38/3083	Erlistoun	DKM
E38/3090	Erlistoun	DKM
E38/3098	Golden Star	DKM
E38/3159	Duketon North	DKM
E38/3160	Duketon North	DKM
E38/3176	Mason Hill	DKM
E38/3177	Mason Hill	DKM
E38/3178	Duketon	DKM
E38/3200	Duketon	DKM
E38/3355	Lehmann Well	DKM
E38/3365	Laverton Shire	DKM
E38/3397	Christmas Well	DKM
E38/3405	Claypan Well	DKM
L38/174	Banjawarn	DKM
P38/4251	Lancefield North	DKM
P38/4393	Lancefield North	DKM

The information in this report that references previously reported exploration results and Mineral Resources have been extracted from DKM's ASX market announcements. These previous market announcements are available to view on DKM's website or on the ASX website ([www.asx.com.au](http://www.asx.com.au)). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements but has not independently validated the former owner's estimates or exploration results and therefore is not to be regarded as reporting, adopting or endorsing those estimates or results.

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