

ASX Release: 13 October 2020

## OPTION AGREEMENT FOR MT WILLIAM Ni-PGM PROSPECT

### Highlights

- Farm-in and Option agreement to acquire a 51% interest in Mt William Ni-PGM prospect held by Round Oak Minerals Pty Limited, a subsidiary of Washington H. Soul Pattinson & Co Limited
- Mt William is a 3.5km long, very prominent magnetic feature interpreted to be a layered mafic complex with potential for Ni-PGM mineralisation
- Recent major discovery of Ni-Cu-PGM mineralisation at Julimar in the Gonneville layered mafic complex has highlighted the prospectivity of the Mt William magnetic complex

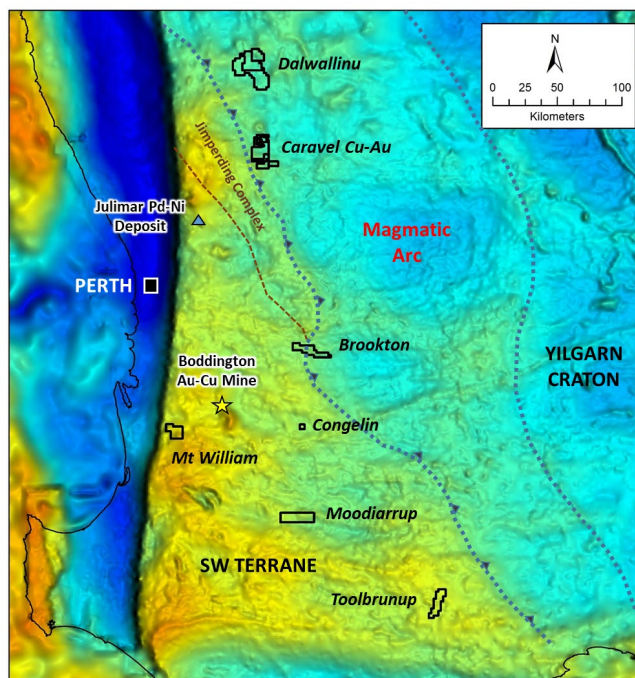
Caravel Minerals Limited (ASX: CVV, Caravel) has executed a Farm-in and Option Agreement with Round Oak Minerals Pty Limited (Round Oak) subsidiary, Mitchell River Exploration Pty Ltd (“MRE”) for the Mt William Ni-PGM prospect (“Mt William”). Round Oak is a wholly owned subsidiary of Washington H. Soul Pattinson & Co Ltd, a Sydney-based ASX-listed investment house.

The agreement remains conditional on final terms being agreed for a subsequent joint venture agreement (“JV Agreement”) which is expected to be completed within the coming weeks and will be the subject of a further announcement.

### Mt William Ni-PGM Prospect

Mt William is held under Exploration License application E70/2338 and is located near Waroona, 100km south of Perth, in the South West Yilgarn Terrane (Figure 1). The main target at Mt William is a 3.5km long, very prominent magnetic feature that is interpreted to be a

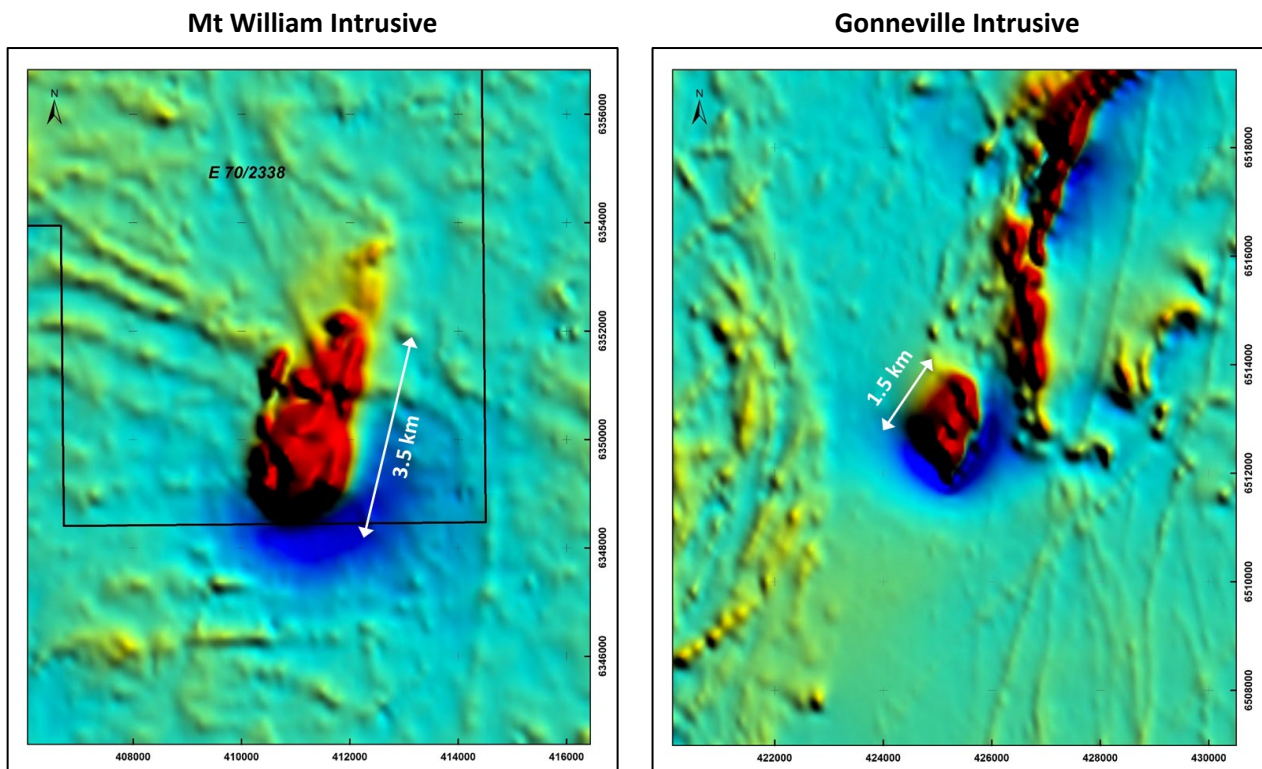
layered mafic complex with potential for Ni-PGM mineralisation (Figure 2).



**Figure 1:** Location map showing the Mt William prospect vicinity to the Julimar/Gonneville intrusive and other Caravel Minerals project areas in the SW Yilgarn Terrane (Gravity image, Geological Survey of Western Australia)

The recent discovery of Ni-Cu-PGM mineralisation at Julimar in the Gonneville layered mafic complex has highlighted the prospectivity of the Mt William magnetic complex, as both of these intrusions are situated in similar geological settings within the South West Yilgarn Terrane.

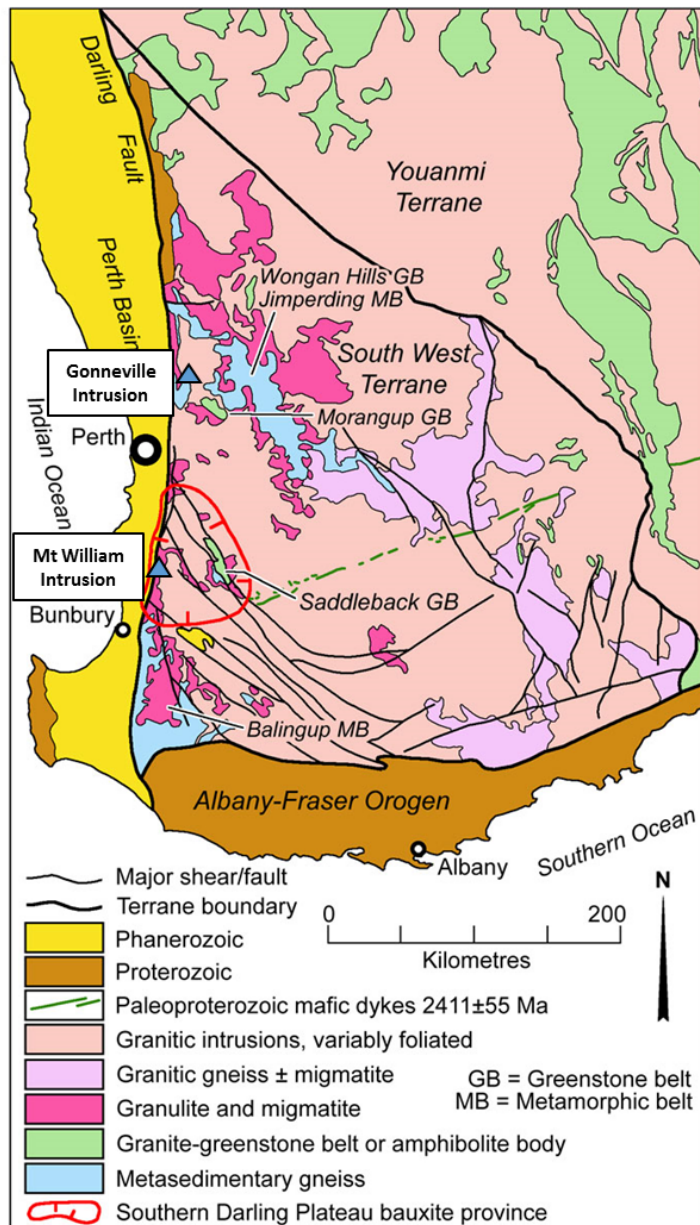
A comparison of airborne magnetic surveys over Gonneville and Mt William is shown in Figure 2. Mt William shows a very similar style of magnetic anomaly with discrete layering clearly visible and a character consistent with the chonolith style of intrusion at Gonneville. The Mt William intrusion is substantially larger than the Gonneville intrusion with over 3.5km of strike length compared to around 1.5km at Gonneville.



**Figure 2:** Comparison of airborne magnetics at the Mt William (left) and Gonneville (right) intrusives at the same scale (TMI Magnetic Image, Geological Survey of Western Australia)

The prospect area is dominated by deep laterite weathering profiles typical of the Darling Plateau, with no outcrops present in the area to identify basement geology and the source of the magnetic anomaly. There is no recorded previous exploration or drilling in this area other than shallow drilling for bauxite exploration to the north.

Although no ages have been determined for the layered intrusions, the Gonneville intrusion lies within the Jimperding Metamorphic Belt which is considered to be of similar age and origin to the Balingup Metamorphic Belt that hosts the Mt William intrusion (Figure 3). Both belts are believed to have similar origins and histories and have metamorphic ages dated around 3.2 to 2.8 billion years old (Cassidy *et al.*, 2006).



**Figure 3:** Schematic geology map of the South West Yilgarn Terrain (modified after Porter, 2017) showing the location of the Julimar/Gonneville intrusion in the Jimperding Metamorphic Belt and the Mt William intrusion in the Balingup Metamorphic Belt

The Mt William prospect is located in State Forest and within Alcoa’s Mineral Lease 1SA which was granted to Alcoa under the Alumina Refinery Agreement Act 1961 pertaining to Alcoa’s mining and refining interests. Caravel is working to resolve an objection to application E70/2338 made by Alcoa.

### Farm-in and Option Agreement

Key terms of the Farm-in and Option Agreement between Caravel and MRE (the “Parties”);

- The Parties will work together to progress the grant of E70/2338 application
- Upon the grant of E70/2338, Caravel may earn a 51% interest in Mt William by spending \$500,000 within two years (“Farm-In”)
- Upon completion of the Farm-In, Caravel may elect to enter the Mt William JV Agreement with MRE with an initial 51% interest
- The Parties will then either contribute according to their respective interests or dilute.

## References

Cassidy, K.F., Champion, D.C., Krapez, B., Barley, M.E., Brown, S.J.A., Blewett, R.S., Groenewald, P.B. & Tyler, I.M., 2006 - A revised geological framework for the Yilgarn Craton: Western Australia Geological Survey, Record 2006/8.

Porter, T.M., 2017 - Boddington-Wandoo gold-copper deposit: *in* Phillips, G.N., (Ed.), 2017 Australian Ore Deposits, The Australasian Institute of Mining and Metallurgy, Monograph 32, pp. 287-290.

This announcement is authorised for release by Caravel Minerals Managing Director, Steve Abbott.

### **For further information, please contact:**

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## About Round Oak

Round Minerals Pty Ltd (Round Oak) is an emerging Australian base and precious metals producer, a wholly owned subsidiary of Washington H. Soul Pattinson & Co Ltd an investment house with a diverse portfolio of assets across a range of industries.

Over recent years Round Oak has undergone significant growth, with the acquisition of mines expanding the businesses resource portfolio adding zinc and gold projects to its existing portfolio of copper assets.

## About Caravel Minerals

Caravel Minerals is currently engaged in feasibility studies for the development the Caravel Copper Project, a greenfields copper mining and processing project located 150km north-east of Perth in Western Australia's Wheatbelt region. The project is based on an Indicated and Inferred Mineral Resource of 661.9Mt @ 0.28% Cu (at 0.15% Cu cut-off) for a total of 1.86Mt contained copper, making it one of the largest undeveloped copper resources in Western Australia. A Scoping Study completed in 2019 by Caravel Minerals and MSP Engineering demonstrated a strong economic model for the Project and recommended proceeding with more advanced feasibility studies. Caravel also holds a suite of projects in the prospective South West Yilgarn Terrane and is advancing an exploration program to test these areas for gold and base metals.

**Competent Persons Statements** *The information in this report that relates to Exploration Results is based on and fairly represents information compiled by Mr Lachlan Reynolds. Mr Reynolds is a consultant to Caravel Minerals and is a member of both the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. Mr Reynolds has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the 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 Reynolds consents to the inclusion in this report of the matters based on information in the form and context in which they appear.*