

**Southern Hemisphere
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ASX Code: SUH



ASX / Media Announcement

27th September 2017

722 km² of Prospective Conglomerate Gold Tenement Applications – Paraburdoo, West Pilbara

HIGHLIGHTS

- Two Exploration tenements for conglomerate gold applied for at Paraburdoo, 260 km south of Karratha.
- Regional review of the distribution of the Mt Roe Basalt and Lower Fortescue basal sediments, and exposure due to basement doming, was used to identify the conglomerate gold prospective tenements.
- The Paraburdoo area has known sediment hosted gold occurrences at Milli Milli and Rocklea.
- Extensive historical sampling data set and other remote sensing and historical exploration data will be further investigated, interrogated and validated. The results of this work will be used to plan further exploration.

Southern Hemisphere Mining Limited ("the Company") (ASX:SUH) is pleased to announce that it has applied for two Exploration Licences, E47/3807 (45 Blocks, 142 km²) and E47/3808 (184 Blocks, 580 km²), covering a total area of 722 km² located 260km south of Karratha and surrounding Paraburdoo in the West Pilbara, Western Australia (Figure 1). The new tenement applications have no competing tenement applications and the company expects that the grant of the tenements will occur in a timely fashion.

The two Exploration Licence applications are prospective for conglomerate gold mineralisation associated with the Mt Roe Basalt and the Lower Fortescue Group on the southern boundary of the Fortescue Basin (Figure 2). The geological setting is analogous in a basinal context to the Artemis Resources owned Purdys Reward Project located on the northern boundary of the Fortescue Basin.

Approximately 260km south of Karratha, Geological Survey of Western Australia (GSWA) mapping (Figures 1 and 3) shows the presence of the Mt Roe Basalt within Lower Fortescue Group sediments in the core of 2 anticlinal domes near Paraburdoo; the Rocklea (45 km northwest of Paraburdoo) and Paraburdoo (at Paraburdoo) Domes.

The Rocklea Dome has numerous gold occurrences (Figure 3) associated with these sediments. The Milli Milli Dome 20 km to the northeast of SUH's E47/3808 has gold occurrences in Archean sediments. These Archean sediments are not assigned, and the identification of Artemis's Purdys Reward gold project makes the Paraburdoo Project area of extreme interest for sedimentary gold deposition. The Paraburdoo dome immediately north of Paraburdoo has Mt Roe Basalt and the basal sediments covered by tenements held by Bascome Pty Ltd (Creasy Group) and Grants Hill Gold Pty Ltd (Novo Resources Corp).

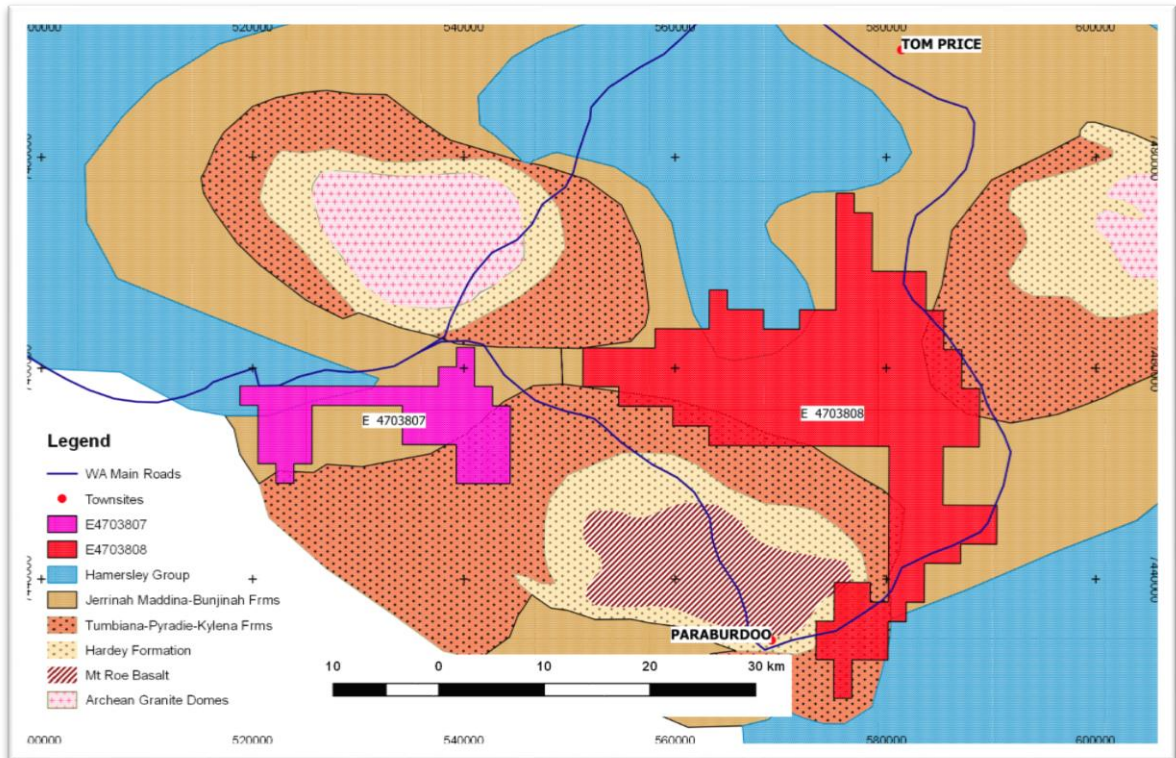


Figure 1: Location of Exploration tenement applications near Paraburdoo with generalised geology.

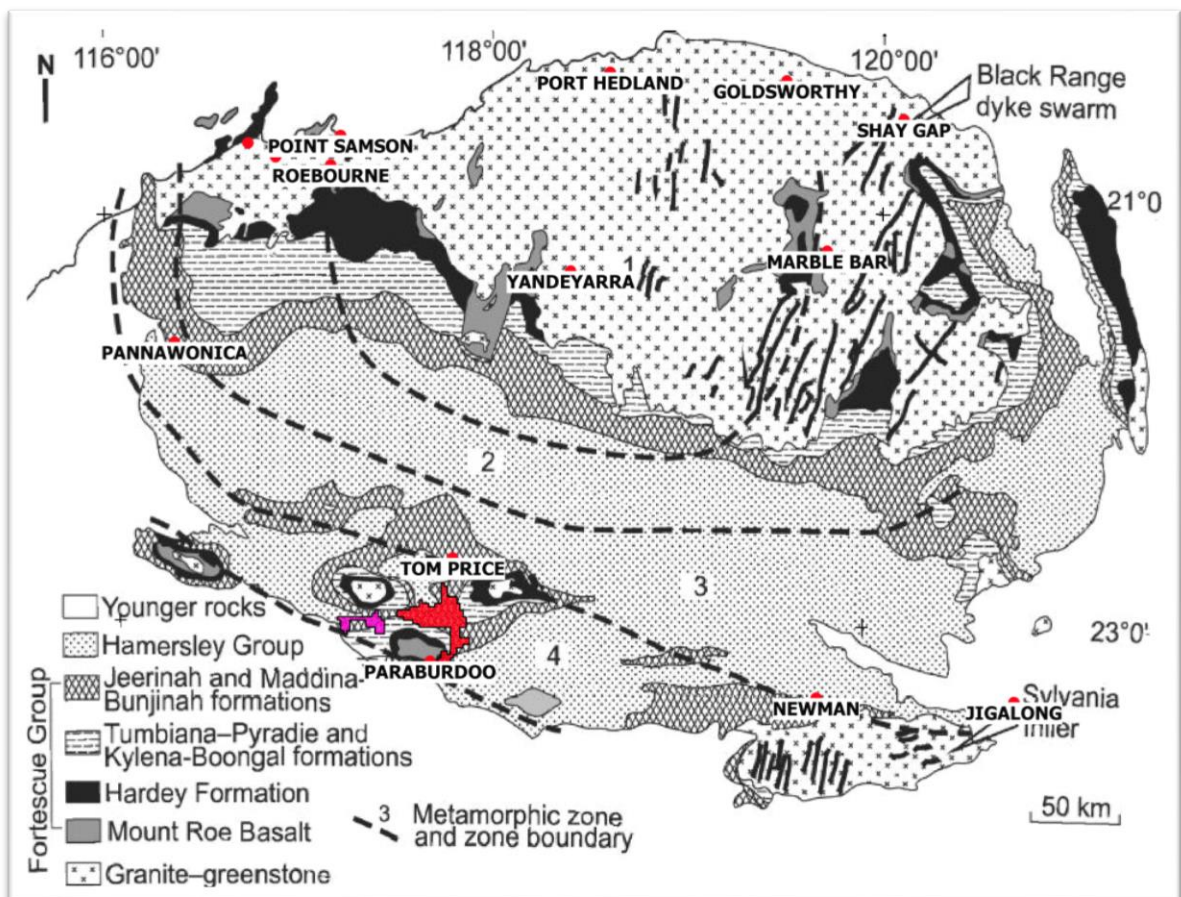


Figure 2: SUH Tenement applications overlaid on Regional Map from Large Igneous Provinces: Chapter 6 Archean LIP: R. Ernest 2014. (Cambridge University Press). The tenements are on the southern margin of the Fortescue Basin within geology mapped as analogous to Purdy's Reward.

The Department of Mines, Industry, Regulation and Safety (DMIRS) has released extensive historical sampling data as shown in Figure 3. The extensive sampling data set and other remote sensing and historical exploration data will be further investigated, interrogated and validated. The results of this work will be used to plan further exploration.

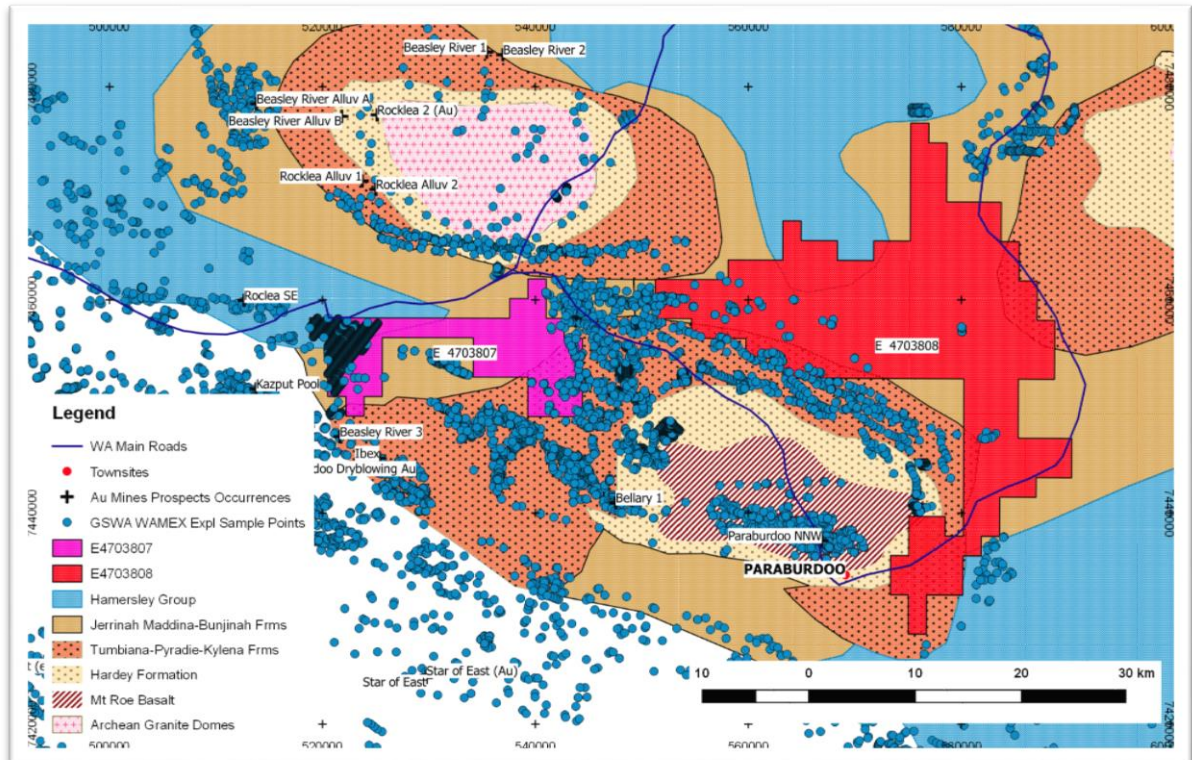


Figure 3: Exploration tenement application E47/3807 (Magenta) and E47/3808 (Red) with open file geochemistry sampling locations and gold mines and prospects. Source DMIRS.

BACKGROUND INFORMATION ON SOUTHERN HEMISPHERE MINING:

Southern Hemisphere Mining Limited (ASX Code "SUH") is an experienced copper-gold explorer and developer in Chile, the world's leading copper producing country and one of the most prospective regions of the world for major new copper discoveries. In Chile, the primary areas of focus are on the Llahuin Porphyry Copper-Gold Project where the Company has drilled up a significant Copper Gold resource, and the Los Pumas Manganese Project. In addition, the Company is exploring for lithium in the Marbel Bar area of the Pilbara in Western Australia.

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COMPETENT PERSON / QUALIFIED PERSON STATEMENT:

The information in this document that relates to Exploration Results and Exploration Targets is based on information compiled or reviewed by Allan Younger, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Younger is a consultant to the Company, and is employed by Indigo Geochemistry Pty Ltd. Mr Younger has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Younger consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

FORWARD LOOKING STATEMENTS AND IMPORTANT NOTICE:

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