GREAT WESTERN
Exploration Limited

ASX Code: GTE

ASX RELEASE

3rd July 2017

Exciting Copper VMS Target Identified at the 100% Owned Chisel Prospect

Summary

- Following the recent announcement of the Joint Venture with Sandfire Resources NL the Company initiated a review of its 100% owned Yerrida south tenements that it has retained with the strong belief these are highly prospective for copper, cobalt, nickel and gold.
- As part of this review highly regarded consultants Newexco completed geophysical modelling of the Company's exclusive regional gravity data which identified a shallow gravity anomaly near its Chisel prospect that is interpreted to be a copper VMS target.
- The anomaly was identified by a gravity inversion model optimised for the delineation of near surface bodies.
- The prospect is interpreted to be located at the intersection of the primary Perseverance fault and the secondary Chisel fault.
- The Perseverance fault is a significant structure that hosts many of Western Australia's largest base metal and gold mines and the Company believes it is also the primary control for the Degrussa and Monty deposits, located along strike to the north west.
- There is also strong base metal anomalism intersected in historical drilling along strike to the north and south of the prospect.
- RC drilling completed along strike to the northwest by the Company last year confirmed favourable stratigraphy with pathfinder geochemistry identifying four possible VMS horizons.
- The Company is planning to complete a detailed gravity survey over the anomaly to allow for more precise 3D modelling before commencing a high impact drill programme.

Commentary

Following the finalisation of the Yerrida North JV with Sandfire Resources Limited ("Sandfire"), Great Western Exploration Limited ("Great Western", "the Company") initiated a review of its retained 100% owned Yerrida South tenements.

Now that Sandfire is exploring Great Western's northern Yerrida tenements, which includes the Goodin and New Springs prospects, the Company is now prioritising exploration on its southern Yerrida Tenements that it believes are highly prospective for copper, cobalt, nickel and gold.

As part of this review highly regarded consultants Newexco completed geophysical modelling on the Company's exclusive regional gravity data which identified a shallow gravity anomaly at its Chisel prospect that is interpreted to be a copper VMS target.

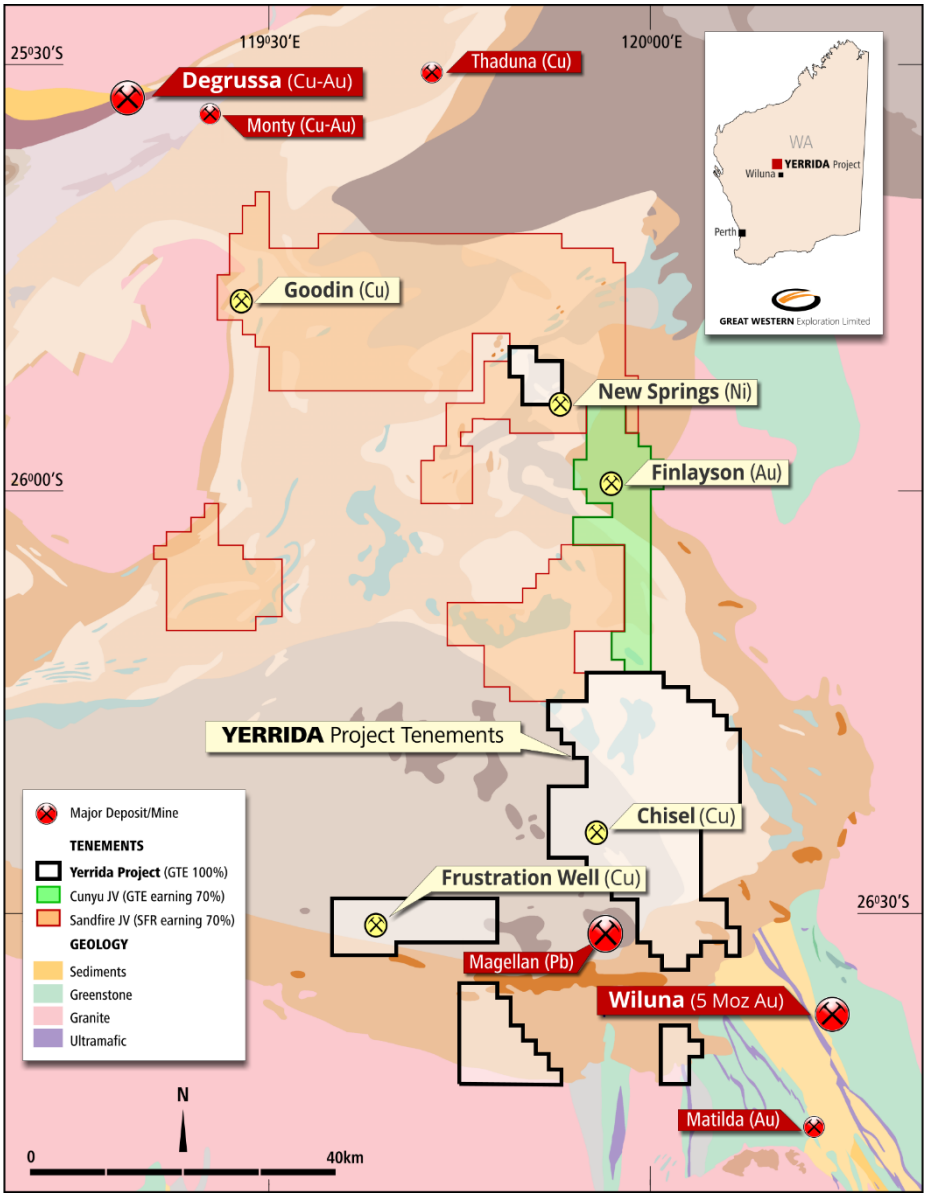

Figure 1. Location of the Yerrida Projects and Prospect

The anomaly is located at the intersection of the Perseverance and Chisel faults. The Perseverance fault is a major discontinuity within the Yilgarn block that hosts many of WA's largest nickel and gold deposits. This fault can be traced in the geophysical data through the central area of the Yerrida basin to the Monty and Degrussa copper deposits (fig 2). The Company believes this significant fault could be the primary influence on the location of these two deposits.

There is highly anomalous base metal mineralisation in historical drilling located to the north (2m @ 3.12% copper) and south (2m @ 85 g/t silver at EOH) of the target (fig 3). More importantly, RC drilling completed by Great Western along strike to the northwest intersected strongly altered geological sequences similar to Degrussa. Furthermore, the pathfinder analysis of this drilling exhibits a VMS signature with four potential VMS horizons identified using the same pathfinder geochemistry associated with the mineralisation at Degrussa (ASX Release 05/02/16).

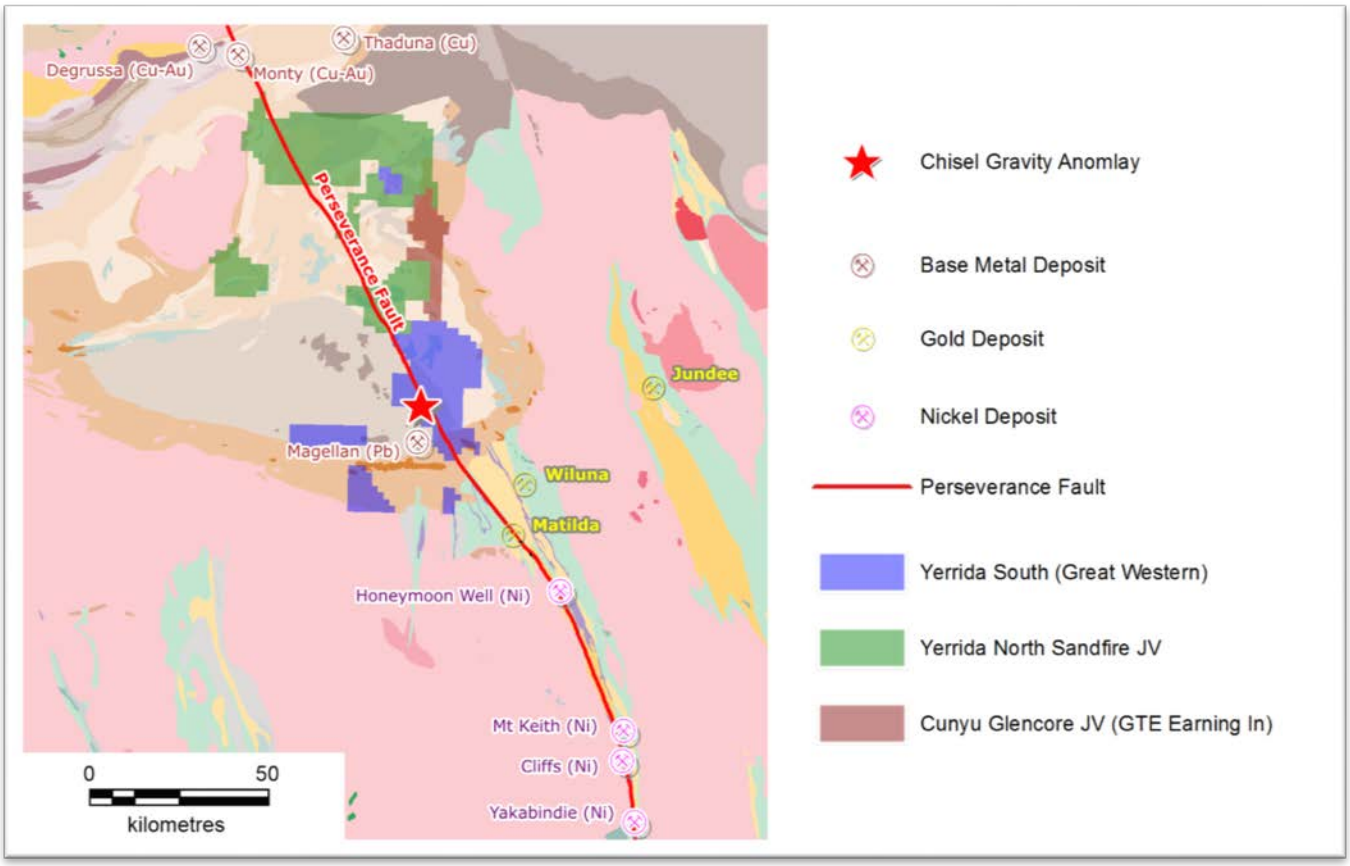

Figure 2. Location of Chisel gravity anomaly on Perseverance fault

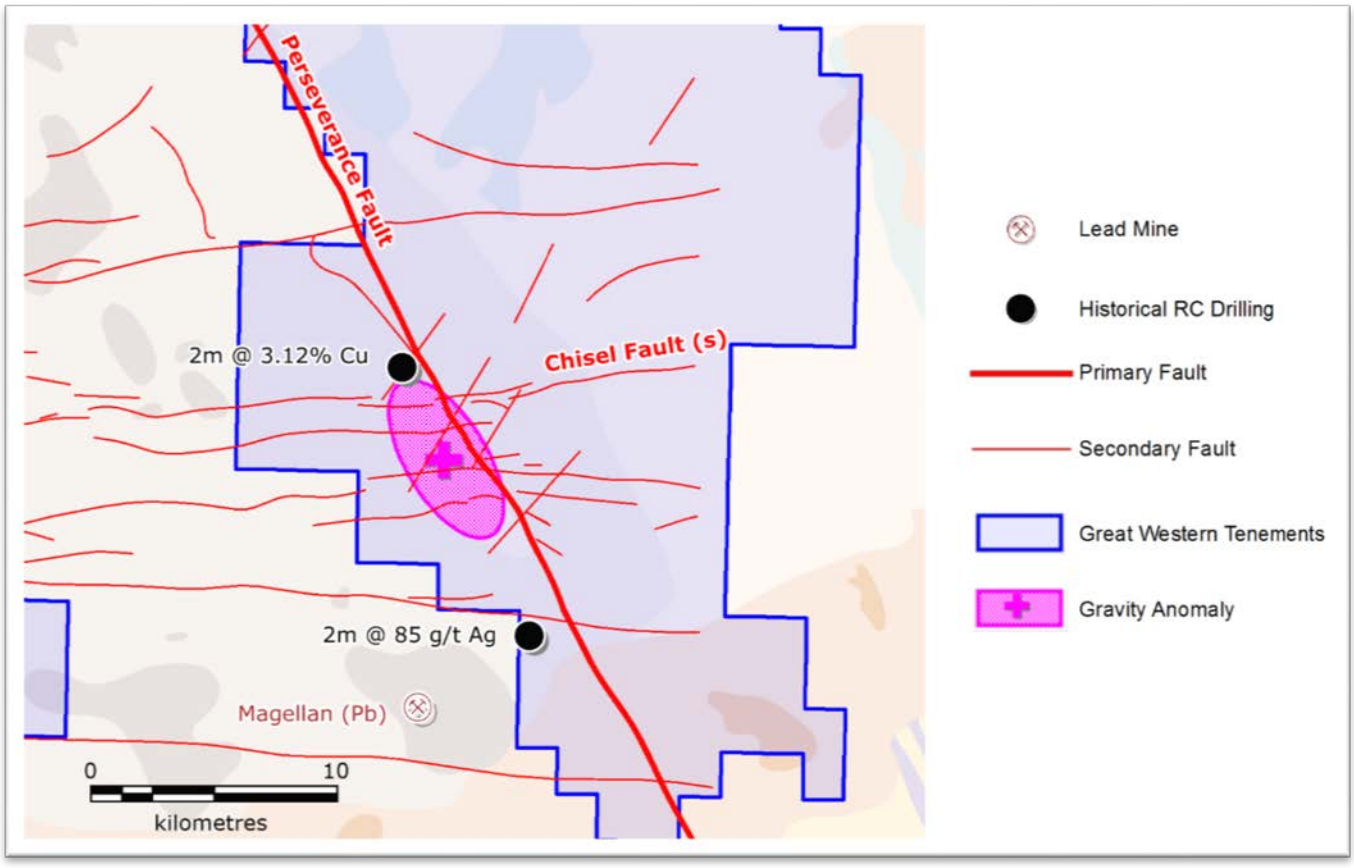

Figure 3. Chisel gravity anomaly located at the intersection of the primary Perseverance Fault and the secondary Chisel faults (after RSG 1994)

In summary, the Company believes the Chisel gravity anomaly is an exciting base metal VMS target for the following reasons:

- ✓ A discreet, shallow gravity anomaly within favourable stratigraphy for massive sulphide base metal mineralisation.
- ✓ Located at the intersection of the primary Perseverance fault and the secondary Chisel fault (fig 2). The Perseverance fault may also be the primary control of the Degrussa and Monty deposits and it also hosts some of WA's largest nickel and gold mines.
- ✓ Base metal anomalism in historical drilling along strike to the north and south (fig 3).
- ✓ Similar rock types to Degrussa and Monty
- ✓ Pathfinder elements in RC drilling located along strike indicate four possible VMS horizons

The Company is planning to complete a detailed gravity survey over the anomaly to allow for more precise 3D modelling prior to drilling.

Yandal West Gold Project

Great Western has received the assays from the soil sampling completed at its Yandal West gold project last month. The Company has commenced analysing these results and will update the market shortly.

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Competent Person Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Jordan Luckett who is a member of the Australian Institute of Mining and Metallurgy. Mr Luckett is an employee of Great Western Exploration Limited and 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 Luckett consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.