ASX ANNOUNCEMENT

ASX: GTE

GREAT WESTERN EXPLORATION

4th April 2018

Drilling Planned for Large Base Metal Target at Chisel

HIGHLIGHTS

- **High priority, large scale base metal drill target identified from the detailed gravity data at the Chisel Prospect using 3D computer modelling completed by Newexco.**
- **The target is interpreted to occur at the intersection of the regional Perseverance fault and secondary faults. This is considered a prime geological setting to host large scale Proterozoic base metal mineralisation.**
- **The target has been modelled to occur within 50m of the surface and is approximately 2000m in length, 500m in width and 500m deep, which is a similar geometry to other large Proterozoic base metal deposits in Australia (e.g. Century, Mt Isa).**
- **The target is located 10km to the north of the large Paroo lead mine and only 45km from Wiluna.**
- **The Company has planned up to 1,200m RC drilling in consultation with Newexco to test the target next month. Drilling will be scheduled around the ongoing Yandal West drilling, which remains a priority.**

Great Western Exploration Limited ("the Company"; "Great Western") (ASX: GTE) is pleased to report that 3D modelling of the Company's detailed gravity data at its Chisel prospect by Newexco Consultants has been completed and RC drilling is planned to test this exciting base metal target as soon as possible.

The 3D modelling has identified a highly prospective, and large-scale base metals target with the modelled zone being approximately 2000m in length, 500m in width and 500m deep that comes within 50m of the surface. The anomaly comprises of a lower density central area located between two higher density linear features that are most likely dolerite dykes.

The Company believes that both the geological setting and the nature of the gravity anomaly at Chisel represents a large Proterozoic sediment hosted base metal target. Planning for approximately 600m to 1,200m of RC drilling (3 to 6 holes) to test the source of the gravity anomaly is well advanced.

The Company anticipates this drilling will commence mid to late April, subject to receipt of the statutory permits required. This timing provides for best rig utilisation with the current Yandal West Project drilling, which remains the Company's priority.

The Chisel prospect is within the Company's 100% owned Yerrida South project approximately 10km north of the Paroo lead mine and 45km NW of Wiluna (**Fig 1**). The Company announced last year the completion of a detailed gravity survey with preliminary analysis of the data indicating a discrete gravity anomaly, located in a highly prospective structural setting, with Newexco Consultants to carry out 3D modelling and a preliminary interpretation (**Fig 2**; ASX Release 15/11/2017).

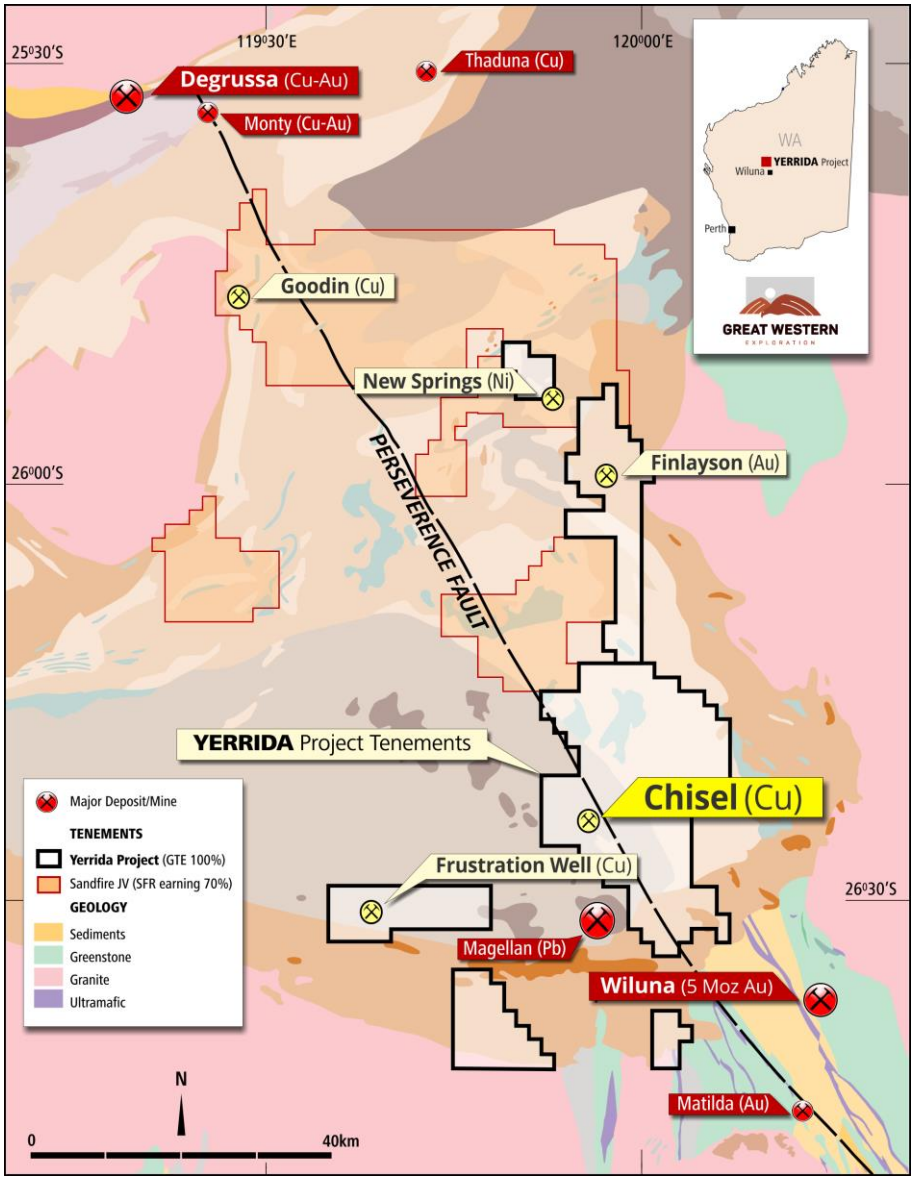

Figure 1. Location of the Company's Yerrida projects and the Chisel prospect

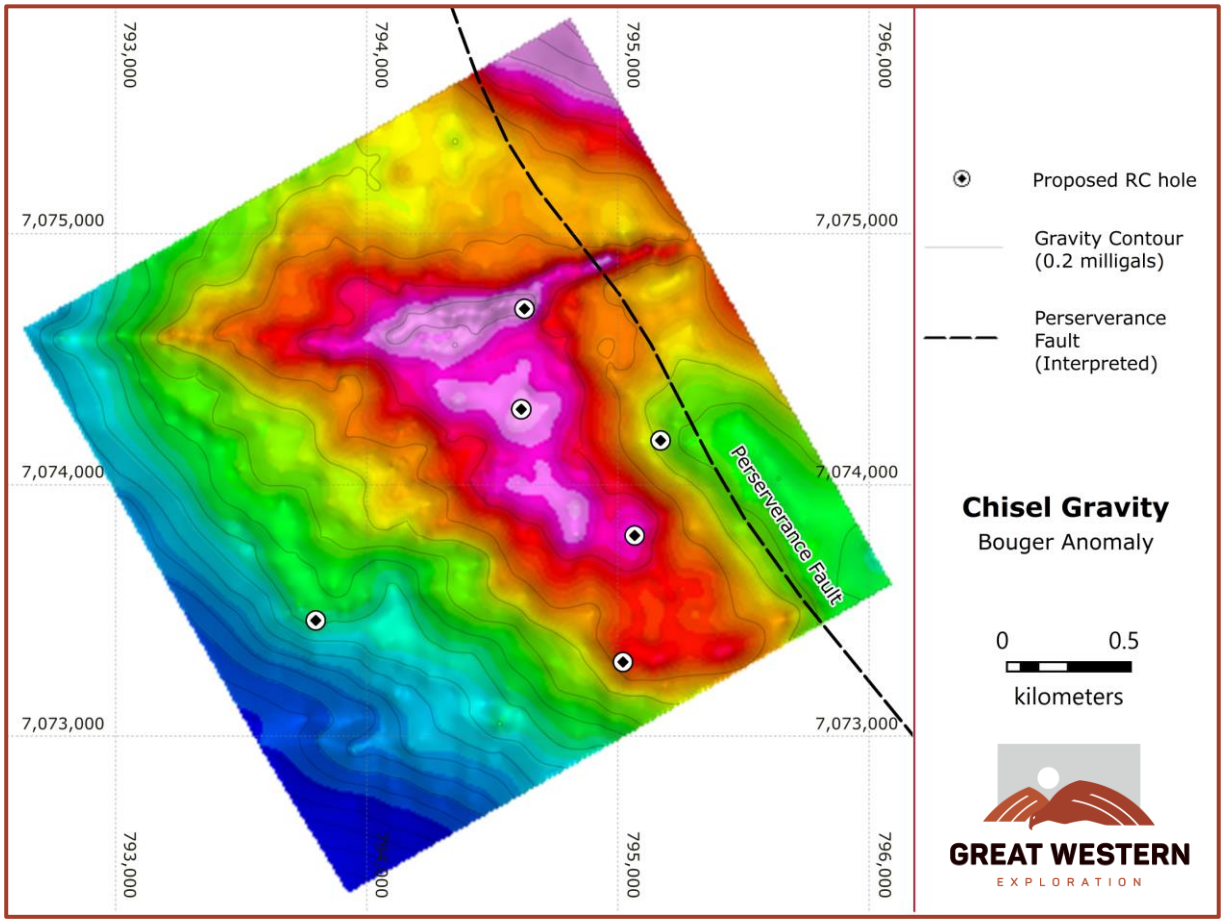

Figure 2. The Chisel Gravity anomaly

The Company believes the Chisel gravity target may represent Proterozoic sediment hosted base metal mineralisation (zinc-lead-silver); either replacement style or Mississippi Valley Type ("MVT"). Australian examples are Century zinc deposit (replacement style) and locally the Magellan deposit (MVT style).The Chisel target has several important criteria in common with the style of base metal mineralisation at the Century Zinc deposit located in Queensland. These include:

- Similar aged Proterozoic rocks;
- Black shales with high background in zinc, silver and vanadium that also contains hydrocarbons; and
- Similar basin & structural setting.

Also, the Paroo lead mine, located 10km south of project (**Fig 4**), is believed to be a Proterozoic sediment hosted sulphide lead-zinc deposit that was possibly MVT or replacement style mineralisation that was subsequently oxidised to lead carbonate and the zinc removed during this process.

The Company is planning between 600m to 1,200m of RC drilling (3 to 6 holes 200m deep), designed to intersect the top of the gravity anomaly at widely spaced intervals to obtain further geological information to refine the conceptual model and determine whether ground and downhole IP surveys are necessary and suitable. The 3D model is shown in figure 4.

The Company is looking to schedule this drilling to commence this month in between drilling programmes at Yandal West, which project remains the Company's priority.

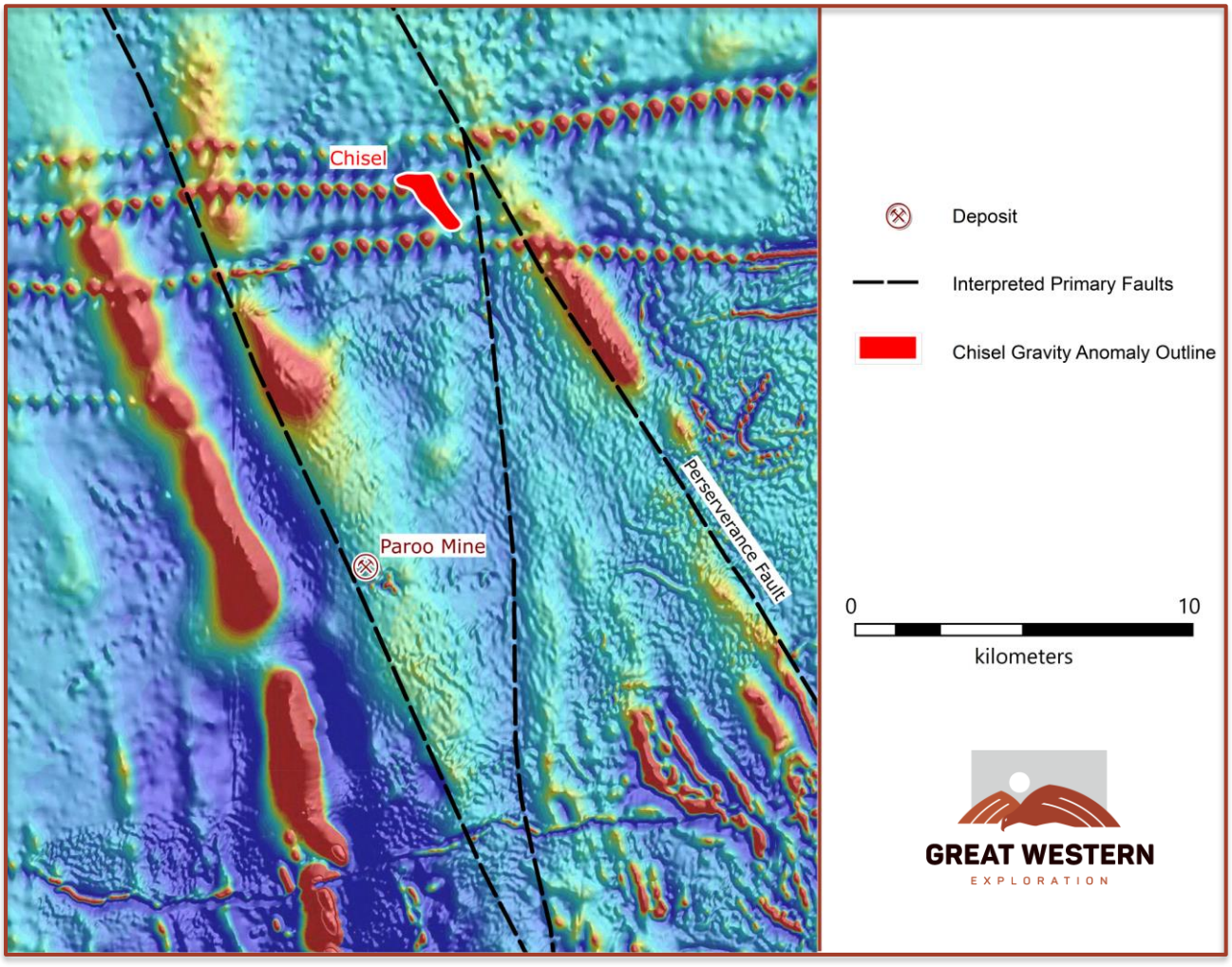

Figure 3. Aeromagnetic map with location of Chisel prospect and Paroo mine.

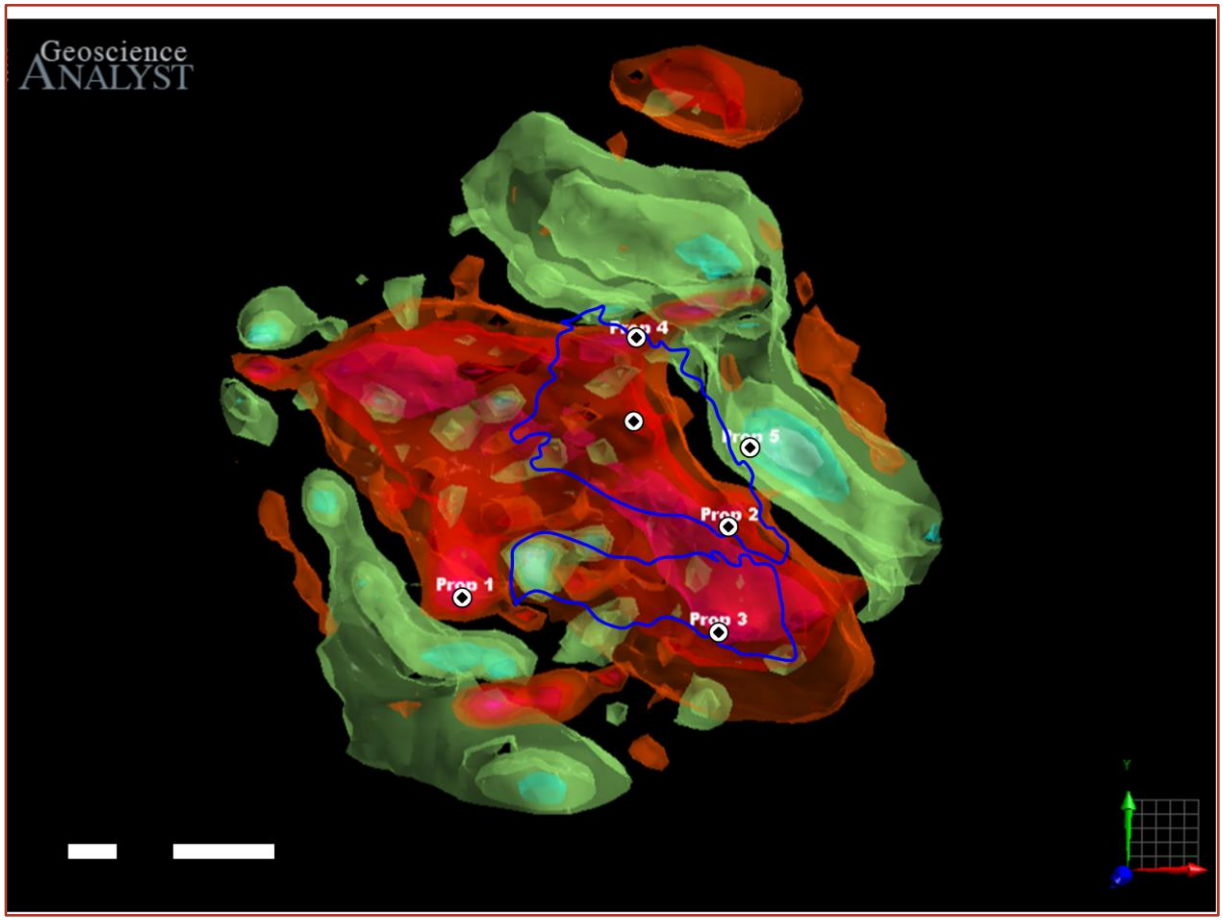

Figure 4. Plan view of Chisel gravity inversion results (iso-surfaces of Density (g/cc) with proposed drill holes. The blue outline is the surface projection of the Century Zinc deposit superimposed over the Chisel gravity anomaly to demonstrate the similarities in scale and geometry

References

15/11/2017 GTE ASX Release: Chisel Prospect Enhanced Following Gravity Survey

06/11/2017 GTE ASX Release: Gravity Survey Commenced at Chisel

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.