



ACN 100 796 754

**ASX Announcement**

**ASX Code: RVR**

**3 December 2014**

## **Red River Commences Exploration Activities at Thalanga**

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### **Highlights**

- **Commencement of induced polarisation (IP) survey at Thalanga**
  - **Survey to identify and prioritise drilling targets**
  - **Results expected in January 2015**
  - **Drilling of targets anticipated to follow in Q1 2015**
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Zinc developer Red River Resources Ltd (“Red River” or the “Company”) is pleased to announce that the first phase of the induced polarisation (IP) survey has commenced at its Thalanga Operations, located 60km southwest of Charters Towers in Central Queensland.

The IP survey follows Red River’s review of historic exploration data which identified multiple targets along strike and down dip of existing volcanic hosted massive sulphide (VHMS) mineralisation.

The dipole-dipole IP survey is being carried out using a high powered, deep seeking 50KVa transmitter and a 32 channel receiver. The 50Kva transmitter is currently one of the most powerful transmitters available globally, and it should enable survey testing for chargeable bodies and conductors up to depths of 500m.

The survey will be completed over two project areas with work commencing on the Liontown-Waterloo Project area, as access to this area may be constrained during the wet season. Once the survey work has been completed on the Liontown-Waterloo Project area, work will commence on the Thalanga Project area, where access is by sealed road and not wet season constrained.

The planned survey should take approximately two months to complete (subject to weather conditions). Once completed, the data will be processed to confirm targets for drill testing in early 2015.

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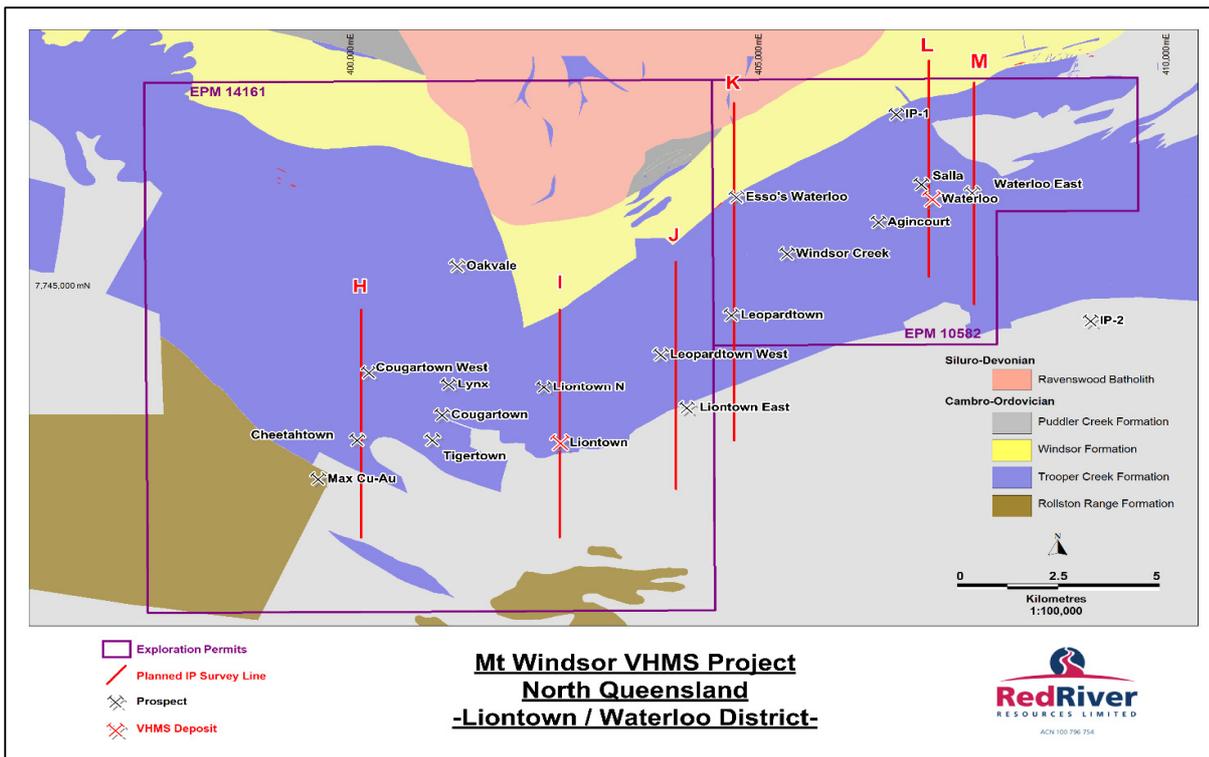
## 1. Liontown - Waterloo Project Area

A total of six IP lines are planned to be completed in this area (Lines H to M). The lines are planned to be completed over known mineralisation (Liontown and Waterloo) to test the strike and depth extensions of mineralisation, to model the response of known mineralisation, and to test a number of high priority targets in the area. To date, there has been no meaningful historical IP work carried out over the project area.

The Waterloo deposit is a blind deposit found below a 50m thick cover sequence (Campaspe Formation). The conductive nature of the Campaspe Formation hampered previous IP surveys (historically transmitters were not powerful enough to 'see through' the cover formation and new advanced processing techniques have been developed).

The 50KVa transmitter should be powerful enough to 'see through' this cover formation. Successful results will confirm this hypothesis and will enable Red River to explore for VHMS mineralisation under areas of the Belt that have not been meaningfully explored previously due to the presence of the Campaspe Formation.

Figure 1 Planned IP Survey for Liontown - Waterloo Project Area



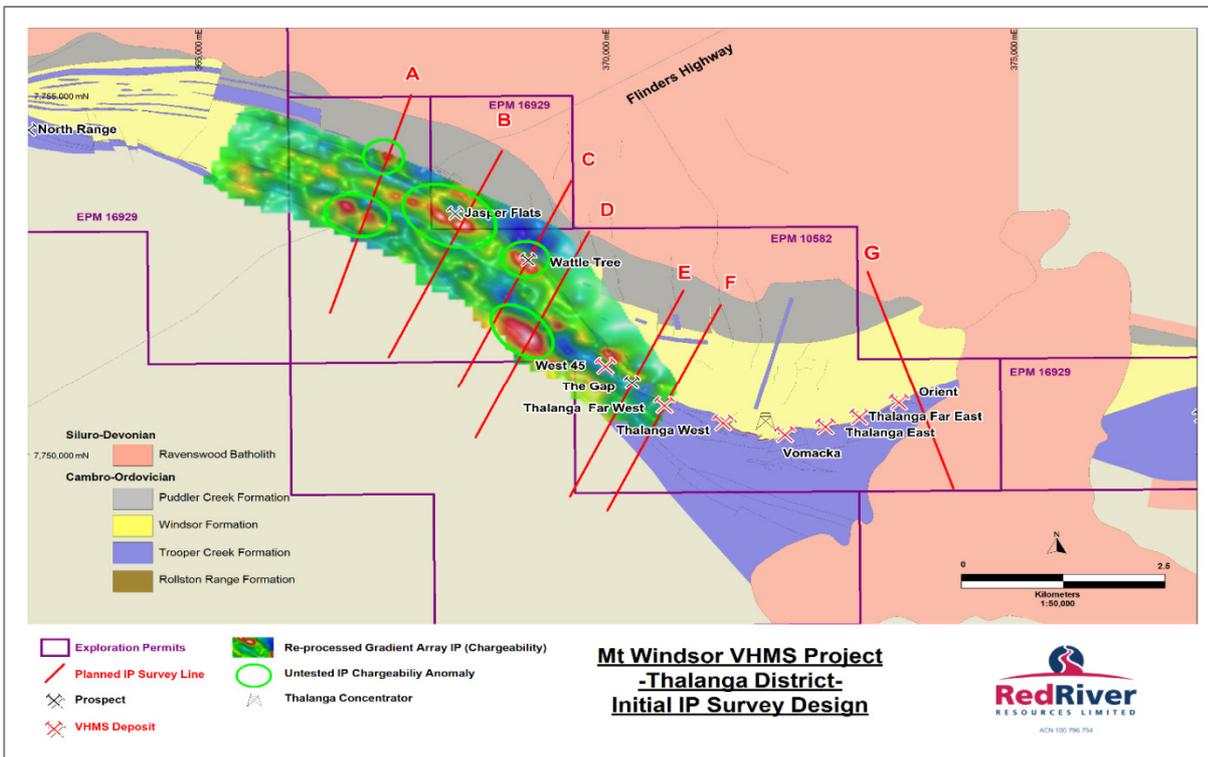
## 2. Thalanga Project Area

Reprocessing of limited historical geophysical data by Red River’s geophysical consultant has confirmed the presence of multiple conductors along strike from the Thalanga deposit in the same stratigraphic position as known VHMS mineralisation.

A number of these targets (Jasper Flats and Wattle Tree) are coincident with geochemical and geobotanical anomalies that have not been adequately tested.

The close proximity of a number of these targets to Thalanga Operations (Wattle Tree is ~5km from the processing facility) combined with ease of access (sealed site access road) will allow Red River to rapidly monetise any economic discoveries that are made within this area.

Figure 2 Planned IP Survey for Thalanga Project Area





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On behalf of the board

A handwritten signature in blue ink, appearing to read 'D. Garner', with a wavy tail.

**Donald Garner**

**Managing Director**

Red River Resources Limited

**End.**

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For further information please visit Red River's website [www.redriverresources.com.au](http://www.redriverresources.com.au) or contact us:

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