

# ASX/Media Announcement

### 22 September 2015

## **DRILLING UNDERWAY AT SOPHIE DOWNS**

Thundelarra is pleased to announce that drilling has begun at the 100%-owned Sophie Downs prospect (E80/3673), approximately 50km to the north-east of Halls Creek in the East Kimberley region of Western Australia.

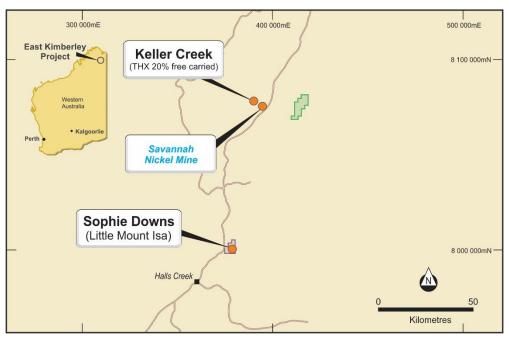


Figure 1. Sophie Downs regional location map.

A multipurpose rig, capable of both diamond and reverse circulation drilling, is being used for the planned programme of approximately 1,500m.

Re-evaluation of historical work conducted by both Thundelarra and a number of other previous explorers resulted in new theoretical models that complement the known geology, adding to the potential of the Ilmars and Little Mount Isa prospects and warranting follow-up drilling.

The purpose of the programme is three-fold:

- To test at Little Mount Isa for down-plunge extensions of the massive zinc sulphide mineralisation discovered and reported by Thundelarra (ASX releases: 20 August 2013; and 19 February 2014). Three of the eleven holes intersected significant mineralisation:
  - 13m at 4.6% Zn from 52m in hole TSDRC06 including:
    - $\circ~$  6m at 8.4% Zn; and
    - o 3m at 12.6% Zn.
  - 12m at 4.0% Zn from 54m in hole TSDRC05.
  - 8m at 4.8% Zn from 41m to 49m in TSDRC07.

Insufficient data were obtained at the time to allow an evaluation of the true widths.

- 2) To test the graphite mineralisation known to occur both locally at Little Mount Isa and regionally in the vicinity of the Halls Creek Fault Zone.
- To test new theoretical models at Ilmars. The Ilmars prospects have yielded numerous mineralised occurrences and drill intercepts for previous explorers, none of which could be translated to a commercial occurrence.

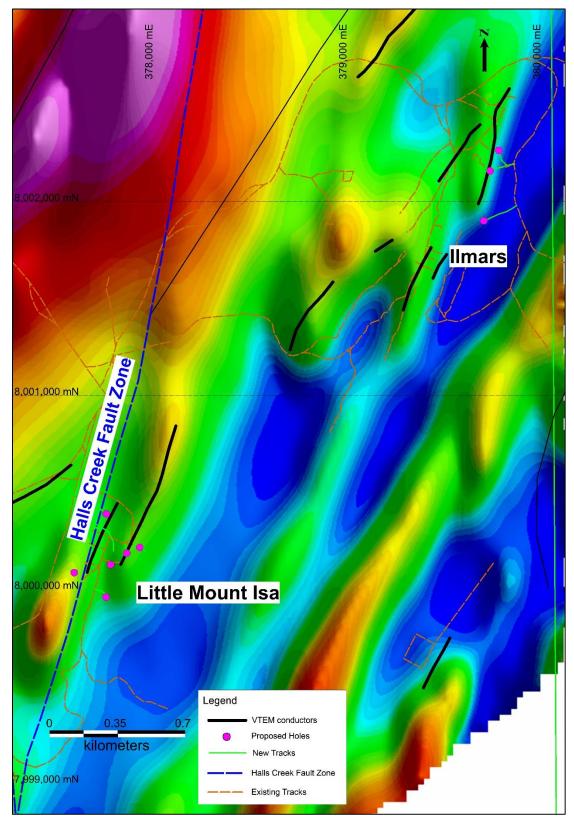


Figure 2: Sophie Downs Project: location of prospects and planned drill hole collars on RTP magnetic image.

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A total of nine holes are planned: six at Little Mount Isa and three at Ilmars. The programme has significant merit; firstly in that it tests the graphite potential of an area known to host graphite mineralisation and that has been a focus of recent corporate and exploration activity; secondly, it follows up the known base metal (zinc) mineralisation; and thirdly it satisfies statutory expenditure commitments needed to keep the projects in good standing.

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### **Competent Person Statement**

The details contained in this report that pertain to Exploration Results, Mineral Resources or Ore Reserves, are based upon, and fairly represent, information and supporting documentation compiled by Mr Costica Vieru, a Member of the Australian Institute of Geoscientists and a full-time employee of the Company. Mr Vieru has sufficient experience which is relevant to the style(s) of mineralisation and type(s) 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" (JORC Code). Mr Vieru consents to the inclusion in this report of the matters based upon the information in the form and context in which it appears.