

“Disruptor Prospect” drilling targeting REE's underway

HIGHLIGHTS

- 15-hole RC/AC drilling campaign following up elevated TREO's at “Disruptor Prospect” underway
- Program designed to test zone of alteration around the bifurcated regional fault and the vertical extent of the potential carbonatite intersected in the March 2023 campaignⁱ
- Assays from both the clays and hard rock intercepts will be tested for a suite of elements including REE's with the aim of determining the presence of a hard rock and/or clay-hosted rare earth mineralised system.

Pinnacle Minerals Ltd (ASX: **PIM**) (“**Pinnacle**”, the “**Company**”) is pleased to announce that the Company has begun a follow-up 15-hole program at the Disruptor Prospect in Western Australia. Pinnacle is utilising a multipurpose rig capable of both air-core (AC) and slimline reverse circulation (RC) drilling with the ability to attach a 3m diamond tail to take bottom of hole core.

The Disruptor Prospect is an area subject to major structural features (Figure 3) The major NE/SW regional fault bifurcates close to recently drilled TAM008 where elevated TREO's (626ppm) were returned from a potential carbonatite in bottom of hole rock chips at 40m depthⁱⁱ. This follow-up 15-hole program which will be to a maximum depth of 120m (Figure 3) is designed to test this bifurcated area where there appears to be a zone of alteration around the fault. The program will provide a cross-section of the major fault and test the NE/SW extensions and areas of alteration.

As part of the program, a validation hole will be drilled via “twinning” TAM008 (from the prior drill program) with the RC rig to test the vertical extent to a maximum depth of 120m of the potential carbonatite (Figure 2) intercepted in the original campaign in March 2023.



Figure 1: Bartlett Resources team starting the first hole of the campaign



Figure 2: Potential carbonatite from TAM008

Pinnacle Minerals Managing Director, Nic Matich, commented:

“The anticipation is palpable as we not only await visuals from the twinned hole but also assays results from a select number of holes from the initial campaign in March. Several peers in the region have had success with both clay hosted and potential hard rock REE exploration. The Great Southern Region which hosts numerous REE juniors is certainly hotting up from an exploration perspective.”

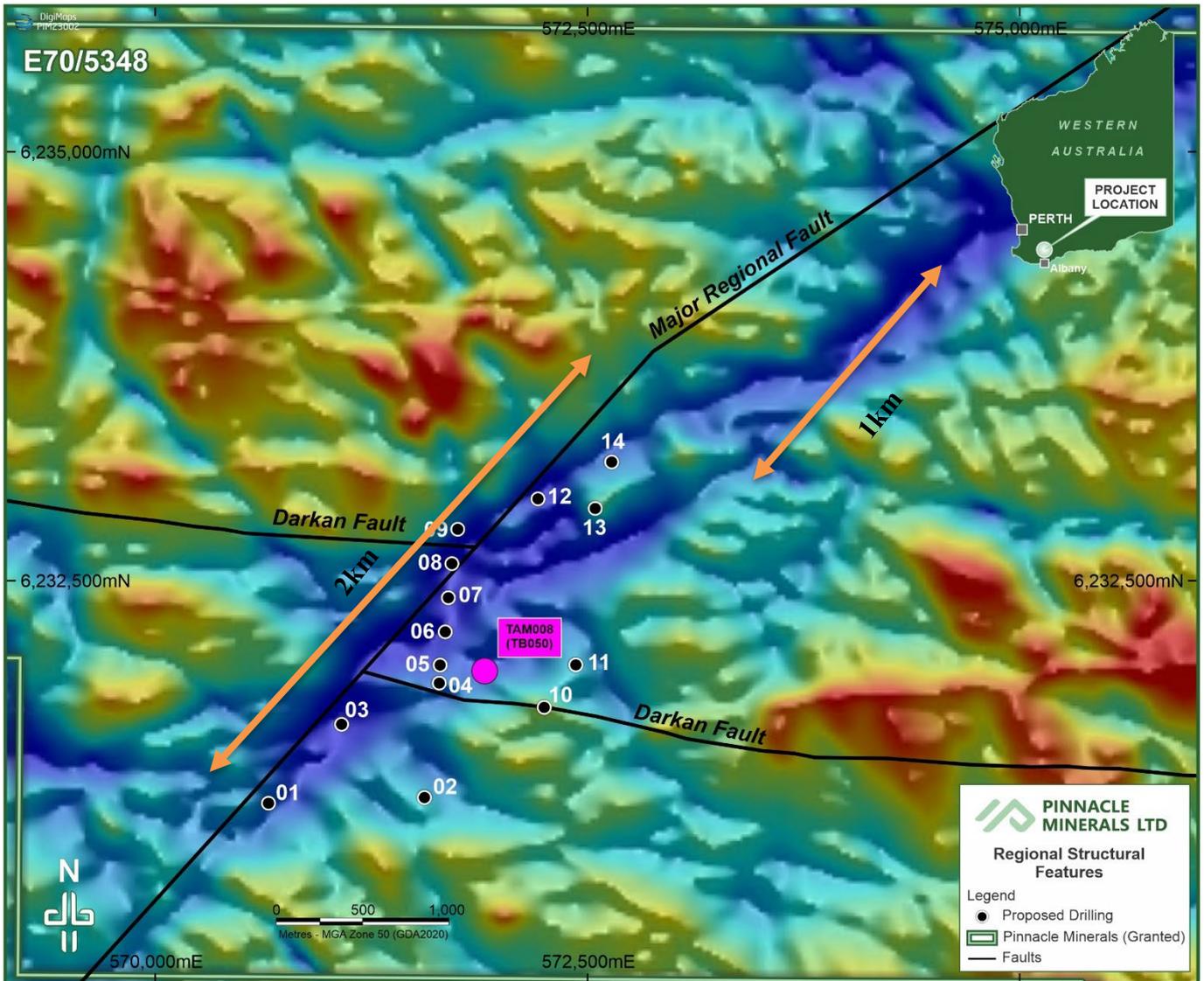


Figure 3: Disruptor Prospect highlighting regional magnetics, faults, and proposed drill collars.

This announcement has been authorised for release by the Board of Pinnacle Minerals Ltd.

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About Pinnacle Minerals

Pinnacle Minerals Ltd (ASX: PIM) is an ASX listed technology minerals company focused on delivering shareholder value via the systematic exploration and development of its portfolio of kaolin, halloysite, battery metals and Heavy Mineral Sands prospective projects in Western Australia and South Australia. The Company is focused on delineating resources at its Bobalong and Holly Kaolin Projects in the Great Southern region of Western Australia whilst simultaneously expanding its' project portfolio through targeted acquisition of prospective ground. Drilling and a scoping study have been completed at Bobalong, with results indicating the potential for a high value direct shipping ore (DSO) product. The White Knight and Camel Lake Projects are strategically located adjacent to Andromeda Metals' (ASX: ADN) high-grade kaolin-halloysite discoveries in South Australia. The Latham and Tammin projects are adjacent to Chalice Mining Ltd (ASX: CHN) Mid-West Project and Anglo Americans' (LON: AAL) Southwest Yilgarn Exploration Project respectively, which have multi-element exploration potential.

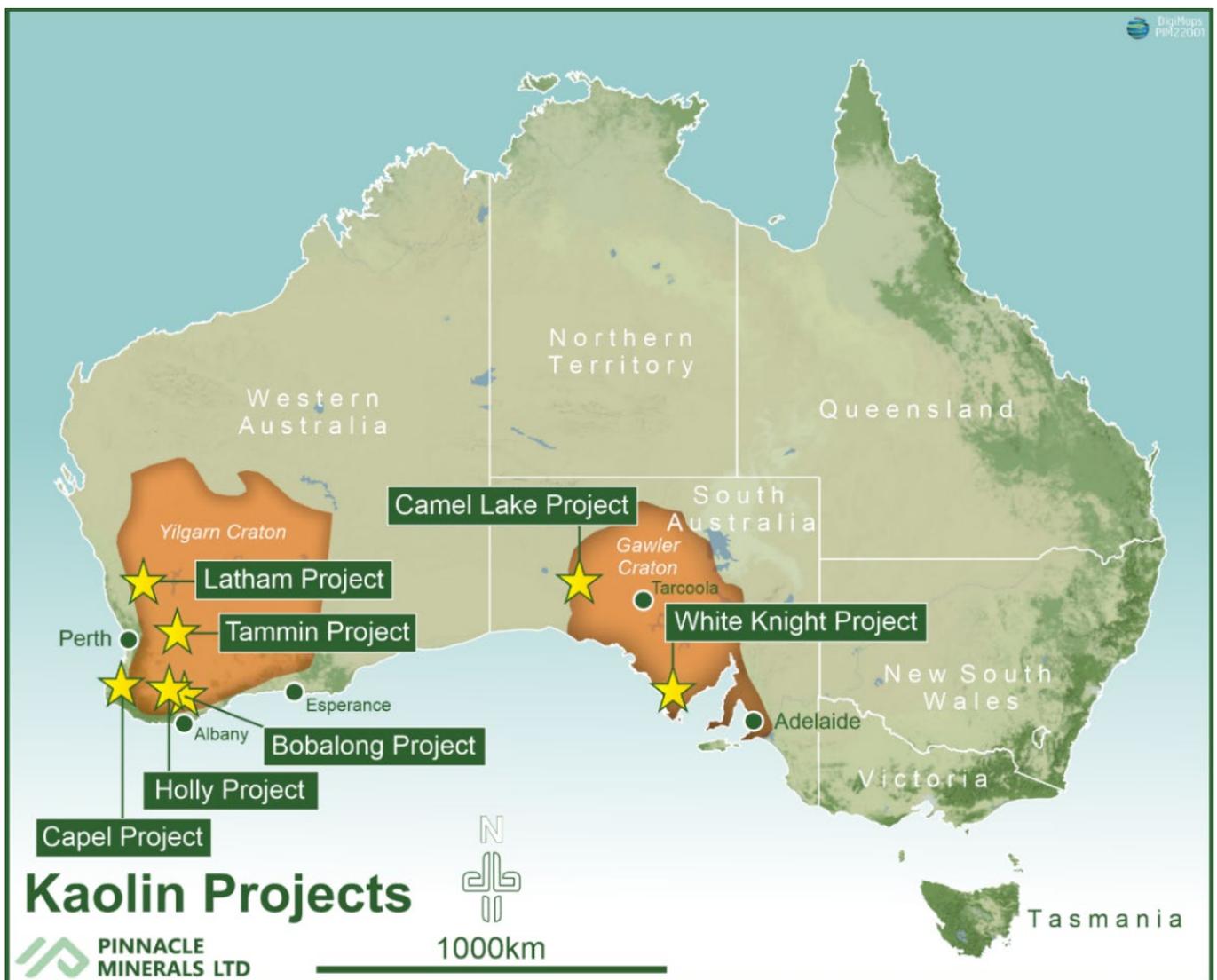


Figure 4: Pinnacle Minerals Projects' Location Map

ⁱ Pinnacle Minerals ASX Announcement 19th April 2023

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