

# ASX Release

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ABN 17 106 806 884

Level 1, 129 Greenhill Road  
Unley SA 5061

T: +61 8 8274 5000

F: +61 8 8272 8141

W: [www.petratherm.com.au/](http://www.petratherm.com.au/)

E: [admin@petratherm.com.au](mailto:admin@petratherm.com.au)



**PETRATHERM LIMITED**  
**ABN 17 106 806 884**

## Paralana Project Update

Petratherm and its JV partners Beach Energy and TRUenergy advise that a wire-line crew has been mobilised to the Paralana geothermal project site to investigate the blockage that prevented perforation of the target interval (refer figure overleaf) in late August.

A short three day investigation is being undertaken to determine the nature of the obstruction at 3200 metres and to clarify the forward plan for remedial action.

The outcome of the investigation and forward plan are expected to be available next week.

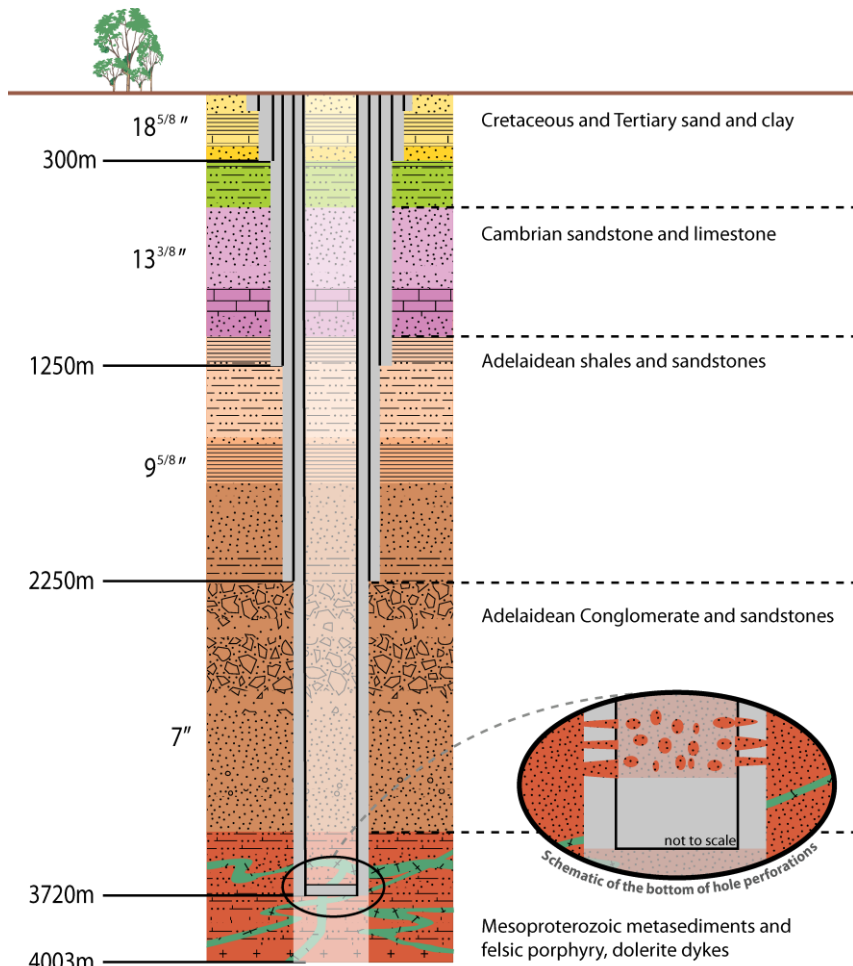
The planned two stage fracture stimulation program is as follows;

**Stage 1 - Perforation and injectivity test** – perforation of the steel casing at the bottom of the Paralana 2 well and injection of a small volume of water to confirm fracture initiation and propagation (refer figure overleaf).

**Stage 2 - Fracture stimulation** - inject larger volume of water at higher rates. The volumes and rates to be dependent on the micro-seismic response measured by the installed micro-seismic array.

The aim is to create a fracture network and to connect to and enhance the existing natural fracture network.

The work will assist in determining the location of the Paralana 3 well, further de-risking of the Paralana geothermal energy project.



**Figure - Paralana well 2 – fracture stimulation zone and target interval**

**Terry Kallis**  
 Managing Director  
 Petratherm Limited

**ABOUT THE JOINT VENTURE PARTNERS:**

Beach Energy (ASX: BPT) is an oil and gas company headquartered in Adelaide that farmed-in to the Paralana Project in January 2007.

TRUenergy Geothermal is a wholly owned subsidiary of the CLP group, one of the largest publicly-listed power businesses in Asia Pacific. TRUenergy Geothermal farmed-in to the Paralana project in August 2008.

**MEDIA CONTACT:**

|              |                         |              |
|--------------|-------------------------|--------------|
| Terry Kallis | Petratherm Limited      | 08 8274 5000 |
| Kieran Hall  | Hughes Public Relations | 08 8412 4100 |