

Final Temperature Results Received - Project Upgraded, Torrens Project Area, South Australia

HIGHLIGHTS

- **Final Temperatures Upgrade Prospectivity**
- **Modelled Temperatures of 248°C at 5000m**
- **Potential Hot Rock Geothermal Field on the Grid**
- **First Phase of Drilling Completed, New Drill Planning Commenced**

Torrens Energy is pleased to announce that final temperature results returned from recently completed "hot rock" exploration drilling are higher than reported in preliminary results (ASX Announcement, 22 February 2008).

Final heat-flows recorded from exploration drilling have increased, with modelled temperatures at 5000m depth being upgraded to 247-248°C (table below).

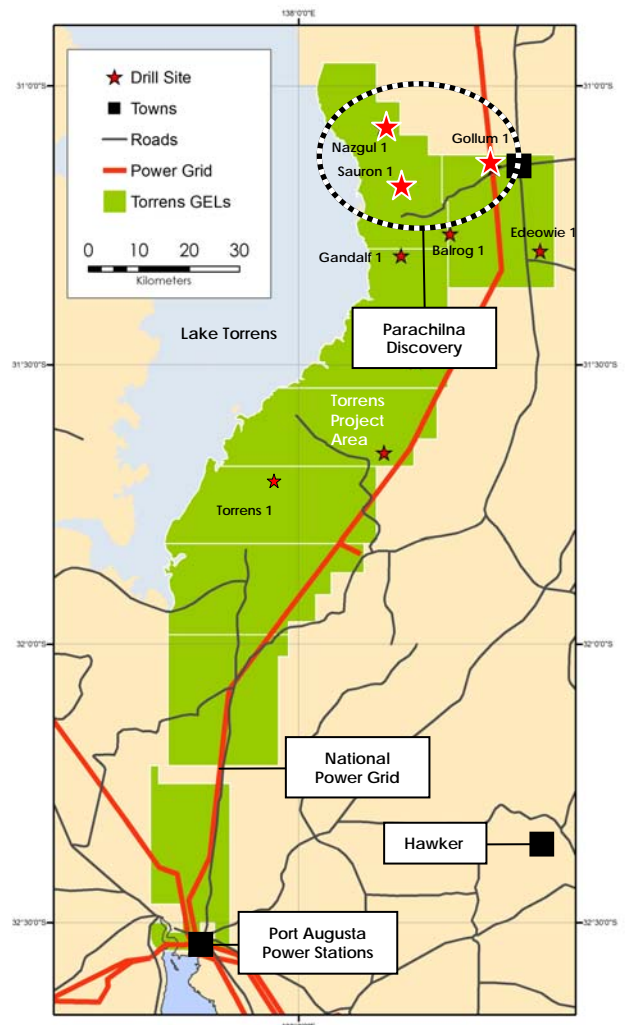
Drilling was conducted just 230 metres from the National Power Grid and 4 kilometres from Parachilna ("Parachilna Discovery", right).

High modelled temperatures were recorded over a continuous area of at least 500 square kilometres, highlighting the potential for the Company to establish a new "geothermal field" north of Port Augusta.

Exploration expenditure is match-funded for \$3M by the Federal Government's Renewable Energy Development Initiative.

HIGH HEAT-FLOW RECORDED

Final equilibrated values are well above the Company's stated target of 90mW/m², and above the averages recorded for the Cooper Basin, which has traditionally been the focus of geothermal exploration activity in Australia (see table).



TEMPERATURE MODELLING

Standard temperature modelling has been completed to 5000 metres, and shows that geothermal temperatures of well over 200°C are achievable. These results are higher than temperatures currently being exploited for “hot rock” geothermal power in Europe, and amongst the highest being evaluated in Australia. Results are summarised as follows:

| Hole Name | Hole Depth | Heat-Flow | T 5000m |
|-----------|------------|------------------------|-------------|
| Nazgul 1 | 600m | 106 mW/m ² | 248°C ± 6°C |
| Sauron 1 | 375m | 106 mW/m ² | 248°C ± 6°C |
| Gollum 1 | 501m | 111 mW/m ² | 247°C ± 6°C |
| Gandalf 1 | 585m | Results to be Returned | |
| Balrog 1 | 507m | Results to be Returned | |

SUMMARY

These early drilling results are comparable to the best “hot rock” exploration results recorded in Australia, and verify that an active heat source exists which is at least equivalent to the granites traditionally targeted by other “hot rock” explorers in Australia. Modelling to deep drilling depth shows that viable temperatures for “hot rock” power generation are achievable at the Torrens Project Area.

High heat flows are spatially consistent and define an anomaly of over 500 square kilometres, highlighting a continuous “geothermal region” and delineating a larger heat anomaly than anticipated. The “Parachilna Discovery” brings forward the possibility for the development of a “geothermal field”, which could grow by modular expansion to become a substantial Australian electricity supplier.

The discovery is located just 230 metres from the 132KV transmission line near Parachilna - The proximity of the geothermal source to existing power infrastructure gives Torrens Energy a considerable commercial advantage in comparison to remotely located “hot rock” plays in Australia.

CEO Chris Matthews commented: “These excellent results appear to outline a new Hot Rock Province right under the wires in South Australia. This represents a new generation of hot rock play – in a setting that has been overlooked by other explorers.”

Further interpretation of these outstanding results is in progress, and new temperature measurements are being collected from the remaining drill holes.

Exploration drill planning has commenced for 2008.

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