

**INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR  
GEOTHERMAL EXPLORATION LICENCE GEL 692**

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1. 12 December 2022 Grant of Geothermal Exploration Licence GEL 692  
Interests:  
Volt Geothermal Pty Ltd
2. 12 December 2022 Memorandum entering GEL 692 on the public register.
3. 15 December 2022 Gazettal of grant of licence.

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Grant of Geothermal Exploration Licences—GELs 692, 693, 694 And 695*

Pursuant to section 92(1) of the *Petroleum and Geothermal Energy Act 2000*, notice is hereby given that the undermentioned Geothermal Exploration Licences have been granted under the provisions of the *Petroleum and Geothermal Energy Act 2000*, pursuant to delegated powers dated 29 June 2018.

No of Licence	Licensees	Locality	Area in km <sup>2</sup>	Reference
GEL 292	Volt Geothermal Pty Ltd	Lake Torrens	2964	MER-2021/0325
GEL 293			2968.22	MER-2021/0326
GEL 294			2788.57	MER-2021/0327
GEL 295			1538	MER-2021/0328

## DESCRIPTION OF AREAS

All that part of the State of South Australia, bounded as follows:-

**GEL 692**

Commencing at a point being the intersection of latitude 31°39'30"S GDA2020 and longitude 137°05'00"E GDA2020, thence east to longitude 137°36'00"E GDA2020, south to latitude 31°55'00"S GDA2020, east to longitude 137°46'00"E GDA2020, south to latitude 32°13'00"S GDA2020, west to longitude 137°44'00"E GDA2020, south to latitude 32°22'00"S GDA2020, west to longitude 137°24'00"E GDA2020, north to latitude 32°09'00"S GDA2020, west to longitude 137°19'00"E GDA2020, north to latitude 31°54'00"S GDA2020, west to longitude 137°16'00"E GDA2020, north to latitude 31°46'00"S GDA2020, west to longitude 137°05'00"E GDA2020 and north to the point of commencement, but excluding Lake Torrens National Park.

AREA: **2964** square kilometres approximately.

**GEL 693**

Commencing at a point being the intersection of longitude 136°49'00"E GDA2020 and latitude 31°22'00"S GDA2020, thence north to the southern boundary of the Woomera Prohibited Area, then beginning south-easterly along the boundary of the said Prohibited Area to latitude 31°07'00"S GDA2020, east to longitude 137°20'45"E GDA2020, south to latitude 31°27'00"S GDA2020, east to longitude 137°36'00"E GDA2020, south to latitude 31°39'30"S GDA2020, west to longitude 137°05'00"E GDA2020, north to latitude 31°36'00"S GDA2020, west to longitude 137°00'00"E GDA2020, north to latitude 31°29'00"S GDA2020, west to longitude 136°58'00"E GDA2020, north to latitude 31°22'00"S GDA2020 and west to the point of commencement.

AREA: **2968.22** square kilometres approximately.

**GEL 694**

Commencing at a point being the intersection of longitude 137°20'45"E GDA2020 and latitude 31°07'00"S GDA2020, thence west to the eastern boundary of the Woomera Prohibited Area, then beginning north-easterly along the boundary of the said Prohibited Area to latitude 30°41'30"S GDA2020, east to longitude 137°12'30"E GDA2020, north to latitude 30°37'00"S GDA2020, east to longitude 137°19'00"E GDA2020, south to latitude 30°41'30"S GDA2020, east to longitude 137°27'00"E GDA2020, south to latitude 30°52'00"S GDA2020, east to longitude 137°31'00"E GDA2020, south to latitude 30°58'00"S GDA2020, east to longitude 137°36'00"E GDA2020, south to latitude 31°05'00"S GDA2020, west to longitude 137°20'45"E GDA2020, and south to the point of commencement.

AREA: **2788.57** square kilometres approximately.

**GEL 695**

Commencing at a point being the intersection of latitude 30°17'00"S GDA2020 and longitude 137°12'30"E GDA2020, thence west to the eastern boundary of the Woomera Prohibited Area, then beginning southerly following the boundary of the said Prohibited Area to latitude 30°41'30"S GDA2020, east to longitude 137°12'30"E GDA2020 and north to the point of commencement.

But excluding: Special Mining Lease No.1 and the area reserved under certain provisions of the *Mining Act 1971* (G.G. 11 December 1986 at page 1820) – Roxby Downs Town Area and Axehead Roxby Downs Quarry.

AREA: **1538** square kilometres approximately.

Dated: 12 December 2022

NICK PANAGOPOULOS  
A/Executive Director  
Energy Resources Division  
Department for Energy and Mining  
Delegate of the Minister for Energy and Mining

## PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Grant of Geothermal Exploration Licence—GEL 696*

Pursuant to section 92(1) of the *Petroleum and Geothermal Energy Act 2000*, notice is hereby given that the undermentioned Geothermal Exploration Licence has been granted under the provisions of the *Petroleum and Geothermal Energy Act 2000*, pursuant to delegated powers dated 29 June 2018.

No of Licence	Licensees	Locality	Area in km <sup>2</sup>	Reference
GEL 696	Volt Geothermal Pty Ltd	Arrowie Basin	1775.55	MER-2021/0329

***Petroleum and Geothermal Energy Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 692, 693, 694 and 695**

1. These licences granted on 12 December 2022 are hereby entered on the public register.

Interests in the licences are:

Volt Geothermal Pty Ltd	100%
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**NICK PANAGOPOULOS**  
**A/Executive Director**  
**Energy Resources Division**  
**Department for Energy and Mining**  
**Delegate of the Minister for Energy and Mining**

Date: 12 December 2022

File: MER-2021/0325  
MER-2021/0326  
MER-2021/0327  
MER-2021/0328

# ***Petroleum and Geothermal Energy Act 2000***

## **GEOHERMAL EXPLORATION LICENCE**

### **GEL 692**

I, NICK PANAGOPOULOS, Acting Executive Director, Energy Resources Division, Department for Energy and Mining, in the State of South Australia, pursuant to the provisions of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of the Minister for Energy and Mining (Minister), pursuant to delegated powers dated 29 June 2018, HEREBY GRANT to:

**Volt Geothermal Pty Ltd**  
ACN 651 713 683

(hereinafter referred to as the Licensee) an Exploration Licence in relation to a source of geothermal energy in respect of the area set out below, to have effect for a period of five years and to expire on 11 December 2027 but carrying the right of two further renewal terms subject to the provisions under the *Petroleum and Geothermal Energy Act 2000*.

#### **DESCRIPTION OF AREA**

The land comprised in this licence is that part of the State of South Australia described in the Schedule hereto:

#### **CONDITIONS**

1. During the term of the licence, the Licensee shall carry out or cause to be carried out, exploratory operations on the area comprised in the licence in accordance with such work programs as are approved by the Minister from time to time. Year one exploratory operations are guaranteed, and any subsequent licence year work program becomes guaranteed upon entry into any such licence year. These exploratory operations shall include but not necessarily be limited to:-

<b>Year of Term of Licence</b>	<b>Minimum Work Requirements</b> (The minimum work program requirements may be carried out anywhere within GELs 692, 693, 694 and 695)
<b>One</b>	<ul style="list-style-type: none"><li>• Geological and geophysical studies.</li></ul>
<b>Two</b>	<ul style="list-style-type: none"><li>• Geological and geophysical studies.</li></ul>
<b>Three</b>	<ul style="list-style-type: none"><li>• Drill up to 4 fully cored heat flow holes to a depth of at least 300m; and</li><li>• Geological and geophysical studies.</li></ul>
<b>Four</b>	<ul style="list-style-type: none"><li>• 75 km 2D seismic; and</li><li>• Geological and geophysical studies.</li></ul>
<b>Five</b>	<ul style="list-style-type: none"><li>• Drill one well to a depth of at least 2,000m; and</li><li>• Geological and geophysical studies.</li></ul>

2. All regulated activities authorised by this Licence are classified as requiring high level official surveillance, unless the Licensee satisfies the Minister that in view of the Licensee's demonstrated competence to comply with the requirements of the Act and the conditions of this Licence, the activities should be classified as requiring low level official surveillance.
  - 2.1 The Minister's prior written approval is required for activities requiring high level official surveillance in accordance with the Regulation 19 of the Regulations to the Act.
3. In the event that the Licensee during any year of the term of this licence fails to comply with the work program requirements of this licence, it is an express term of this licence that the Minister may, at his discretion, either cancel this licence or authorise such variation to these requirements as the Minister thinks fit.
4. The Licensee must:
  - (a) maintain in force during the term of this licence public liability insurance to cover regulated activities under this licence (including sudden and accidental pollution) in the name of the Licensee for a sum not less than twenty million dollars (\$20,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;
  - (b) maintain in force during the drilling of any well or operation in any well, control of well insurance in the name of the Licensee for a sum not less than ten million dollars (\$10,000,000.00) or such greater sum as specified by the Minister, and make such amendments to the terms and conditions of the insurance as the Minister may from time to time require;
  - (c) upon request by the Minister, provide the Minister with a cover note or certificate of currency of each insurance policy referred to in paragraphs (a) and (b).
5. The Minister in specifying the levels of insurance accepts no liability for the completeness of their listing, the adequacy of the sum insured, the limit of liability, the scoped coverage, the conditions or exclusions of these insurances in respect to how they may or may not respond to any loss, damage or liability.
6. The Licensee will ensure, when preparing an Environmental Impact Report under Part 12 of the *Petroleum and Geothermal Energy Act 2000*, that the report also includes an assessment of the potential economic consequences for other Licensees under the *Petroleum and Geothermal Energy Act 2000* or *Mining Act 1971* and owners of land, arising out of proposed regulated activities to be carried out in the licence area.
7. A contract or agreement entered into by the licensee to transfer or accept liability for any well or facility constructed for the purpose of undertaking a regulated activity under the *Petroleum Act 1940* or the *Petroleum and Geothermal Energy Act 2000* cannot transfer, limit or exclude liability under the *Petroleum and Geothermal Energy Act 2000* unless written consent of the Minister is obtained.
8. The Licensee shall during periods determined by the Minister, lodge and maintain with the Minister, in the form acceptable to the Minister, for the satisfaction of obligations arising under the Act or this licence, a security as specified by the Minister from time to time.

("the Security")

- 8.1 The Security shall be lodged in the form of either;
- (a) cash; or
  - (b) an unconditional, irrevocable bank guarantee, insurance bond or letter of credit in a form, and from a financial institution, approved by the Minister.
- 8.2 Interest will not be payable by the Minister to the Licensee on any cash Security.
- 8.3 All charges incurred by the Licensee in obtaining and maintaining the Security shall be met by the Licensee.
- 8.4 If upon expiry, this Licence is not renewed and the Minister is satisfied that there are no further obligations under this Licence or the Act, the Minister will return the Security to the Licensee.
9. The Licensee must keep confidential any measurements made in a well which would enable the estimation of petroleum reserves ("Confidential Information") and must not disclose the Confidential Information without first obtaining the written consent of the licensee of the overlapping compatible licence, unless:
- (a) it is a disclosure required under the Act, this licence or any other law;
  - (b) it is a disclosure which is for the purposes of prosecuting or defending any legal proceedings; or
  - (c) it is information which is or becomes public knowledge other than by breach of this licence condition.
10. The Licensee must take all reasonable precautions to minimise the risks of its activities resulting in a significant loss of petroleum reserves or a significant reduction in the recovery of petroleum reserves.

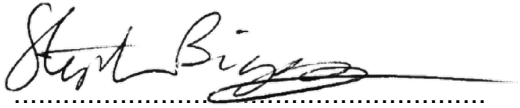
Date: 12 December 2022



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**NICK PANAGOPOULOS**  
**A/Executive Director**  
**Energy Resources Division**  
**Department for Energy and Mining**  
**Delegate of the Minister for Energy and Mining**

**EXECUTED BY THE LICENSEE:**

**EXECUTED** by Volt Geothermal Pty Ltd (ACN 651 713 683)  
in accordance with Section 127 of the  
*Corporations Act 2001*



.....  
Signature of Director



.....  
Signature of Director/Secretary\*

Stephen Biggins

.....  
[Print Name of Director]

**Cherryann Woods**

.....  
[Print Name of Director/Secretary\*]  
(\*delete the inapplicable)

**THE SCHEDULE**  
**GEOHERMAL EXPLORATION LICENCE**  
**GEL 692**

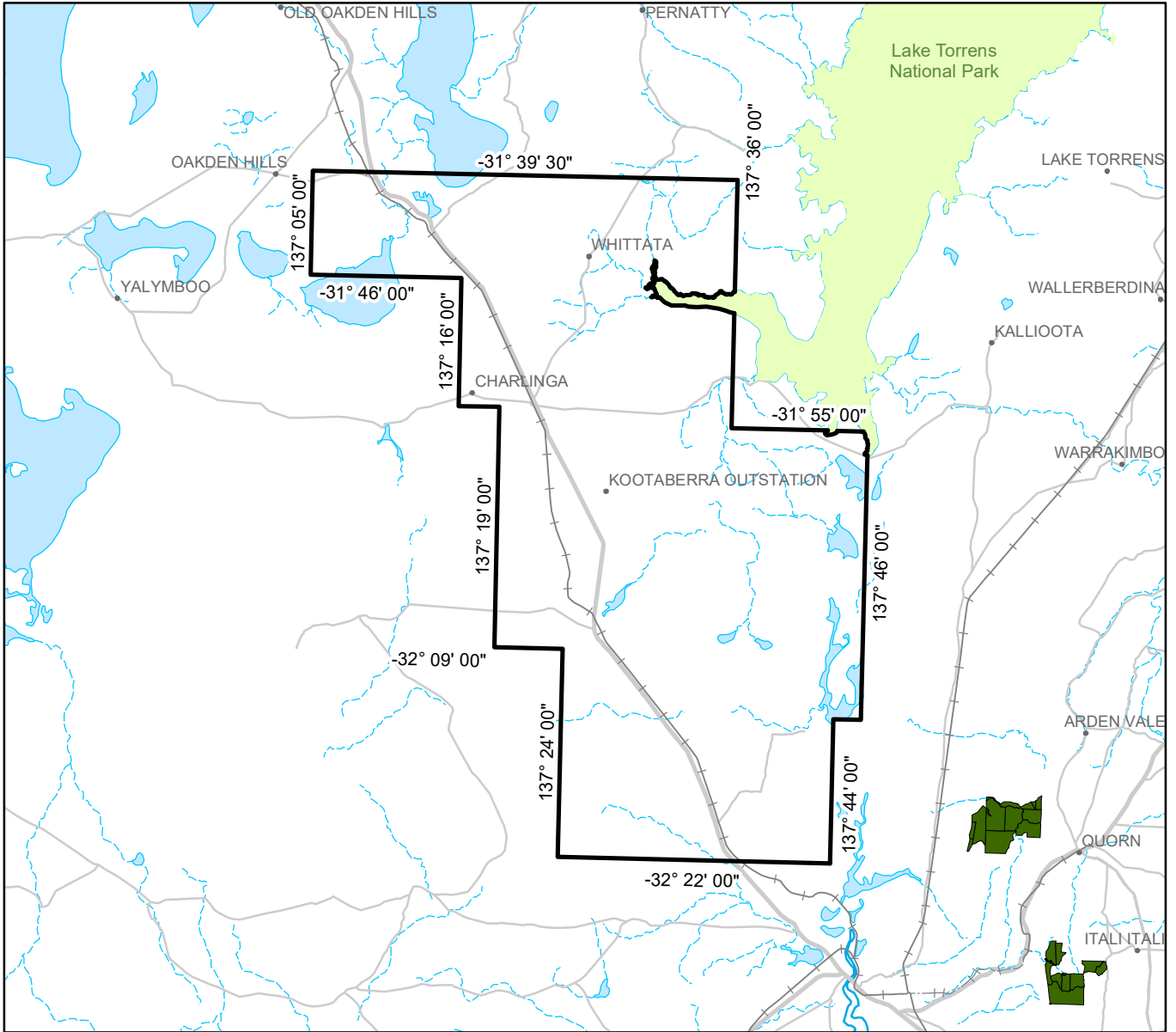
**Description of Area**

All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 31°39'30"S GDA2020 and longitude 137°05'00"E GDA2020, thence east to longitude 137°36'00"E GDA2020, south to latitude 31°55'00"S GDA2020, east to longitude 137°46'00"E GDA2020, south to latitude 32°13'00"S GDA2020, west to longitude 137°44'00"E GDA2020, south to latitude 32°22'00"S GDA2020, west to longitude 137°24'00"E GDA2020, north to latitude 32°09'00"S GDA2020, west to longitude 137°19'00"E GDA2020, north to latitude 31°54'00"S GDA2020, west to longitude 137°16'00"E GDA2020, north to latitude 31°46'00"S GDA2020, west to longitude 137°05'00"E GDA2020 and north to the point of commencement, but excluding Lake Torrens National Park

AREA: **2964** square kilometres approximately.





SCALE 1 : 750 000



Note: There is no warranty that the boundary of this licence is correct in relation to other features of the map. The boundary is to be ascertained by reference to the Geocentric Datum of Australia (GDA2020) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO

**GEOHERMAL EXPLORATION LICENCE NO: 692**



**MER-2021/0325 AREA: 2964 sq km (approx)**