

## INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR GAS STORAGE LICENCE GSL 1

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1. 17 February 2022 Grant of Gas Storage Licence GSL 1.  
  
Interests:

Santos Limited	40.70%
Delhi Petroleum Pty Ltd	20.21%
Beach Energy (Operations) Limited	13.19%
Vamgas Pty Ltd	8.51%
Santos (NARNL Cooper) Pty Ltd	4.75%
Bridge Oil Developments Pty Ltd	3.99%
Alliance Petroleum Australia Pty Ltd	3.97%
Basin Oil Pty Ltd	2.10%
Reef Oil Pty Ltd	1.97%
Santos Petroleum Pty Ltd	0.40%
Santos (BOL) Pty Ltd	0.21%
  
2. 17 February 2022 Memorandum entering GSL 1 on the public register.
  
3. 24 February 2022 Gazettal of grant of licence.
  
4. 16 June 2023 Memorandum entering notation of the following registrable dealing on the public register:  
  
Deed of Assignment and Assumption dated 23 May 2023 between Alliance Petroleum Australia Pty Ltd, Basin Oil Pty Ltd, Bridge Oil Developments Pty Limited, Reef Oil Pty Ltd, Santos (BOL) Pty Ltd, Santos (NARNL Cooper) Pty Ltd, Santos Petroleum Pty Ltd, Vamgas Pty Ltd, Beach Energy (Operations) Limited, Delhi Petroleum Pty Ltd, Santos Limited and Beach Energy Limited.  
Ref: SA 2023-07  
  
Interests in the licence are:

Santos Limited	66.6%
Beach Energy Limited	33.4%

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

**MEMORANDUM**

**GAS STORAGE LICENCES**  
**GSLs 1, 2, 3 and 4**

SA 2023-07 Notation of registrable dealing as evidenced by Deed of Assignment and Assumption dated 23 May 2023 between Alliance Petroleum Australia Pty Ltd, Basin Oil Pty Ltd, Bridge Oil Developments Pty Limited, Reef Oil Pty Ltd, Santos (BOL) Pty Ltd, Santos (NARNL Cooper) Pty Ltd, Santos Petroleum Pty Ltd, Vamgas Pty Ltd, Beach Energy (Operations) Limited, Delhi Petroleum Pty Ltd, Santos Limited and Beach Energy Limited is hereby entered on the public register.

Interests in the licences are:

Santos Limited	66.6%
Beach Energy Limited	33.4%



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

Date: 16 June 2023

Ref: MER-2021/0311  
MER-2021/0312  
MER-2021/0313  
MER-2021/0314

Schedule 1 of the Rule commences operation on 1 August 2022.

Schedule 2 of the Rule commences operation on 30 May 2023.

Schedule 3 of the Rule commences operation 7 days after publication of this notice in the South Australian Government Gazette.

Dated: 17 February 2022

HON DANIEL CORNELIS VAN HOLST PELLEKAAN MP  
Minister for Energy and Mining

NATIONAL ENERGY RETAIL LAW (SOUTH AUSTRALIA) ACT

SECTION 238AB

*Notice of Making of National Energy Retail Amendment (Regulated Stand-Alone Power Systems) Rule 2022*

I, Daniel Cornelis van Holst Pellekaan, Minister for Energy and Mining for the Crown in right of the State of South Australia, as the Minister administering the *National Energy Retail Law (South Australia) Act 2011* of South Australia, hereby make the National Energy Retail Amendment (Regulated Stand-Alone Power Systems) Rule 2022 under section 238AB(1) of the *National Energy Retail Law (South Australia) Act 2011* on the unanimous recommendation of the Ministers of the participating jurisdictions sitting as the Ministerial Council on Energy for the purposes of that section.

The National Energy Retail Amendment (Regulated Stand-Alone Power Systems) Rule 2022 commences operation 7 days after the publication of this notice in the South Australian Government Gazette and will, from commencement, be publicly available on the Australian Energy Market Commission website: [www.aemc.gov.au](http://www.aemc.gov.au)

Dated: 17 February 2022

HON DANIEL CORNELIS VAN HOLST PELLEKAAN MP  
Minister for Energy and Mining

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Grant of Gas Storage Licences—GSLs 1, 2, 3 and 4*

Pursuant to section 92(1) of the *Petroleum and Geothermal Energy Act 2000*, notice is hereby given that the undermentioned Gas Storage 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	Licencees	Locality	Area in km <sup>2</sup>	Reference
GSL 1	Santos Limited Vamgas Pty Ltd	Cooper Basin	154	MER-2021/0311
GSL 2	Alliance Petroleum Australia Pty Ltd Reef Oil Pty Ltd Santos Petroleum Pty Ltd		224	MER-2021/0312
GSL 3	Bridge Oil Developments Pty Ltd Santos (BOL) Pty Ltd Beach Energy (Operations) Limited		168	MER-2021/0313
GSL 4	Delhi Petroleum Pty Ltd Basin Oil Pty Ltd Santos (NARNL Cooper) Pty Ltd		10.6	MER-2021/0314

**Description of Areas**

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

*GSL 1*

Commencing at a point being the intersection of latitude 28°02'00"S Clarke1858 and longitude 140°40'00"E Clarke1858, thence east to longitude 140°43'00"E Clarke1858, south to latitude 28°05'00"S Clarke1858, west to longitude 140°42'00"E Clarke1858, south to latitude 28°08'00"S Clarke1858, west to longitude 140°41'00"E Clarke1858, south to latitude 28°09'00"S Clarke1858, west to longitude 140°40'00"E Clarke1858, south to latitude 28°10'00"S Clarke1858, west to longitude 140°34'00"E Clarke1858, north to latitude 28°05'00"S Clarke1858, east to longitude 140°37'00"E Clarke1858, north to latitude 28°04'00"S Clarke1858, east to longitude 140°38'00"E Clarke1858, north to latitude 28°03'00"S Clarke1858, east to longitude 140°40'00"E Clarke1858, and north to point of commencement.

AREA: 154 square kilometres approximately.

*GSL 2*

Commencing at a point being the intersection of latitude 28°08'00"S AGD66 and longitude 140°31'00"E AGD66, thence east to longitude 140°34'00"E Clarke1858, south to latitude 28°10'00"S Clarke1858, east to longitude 140°40'00"E Clarke1858, south to latitude 28°19'00"S AGD66, west to longitude 140°35'00"E AGD66, north to latitude 28°16'40"S AGD66, west to longitude 140°32'30"E AGD66, north to latitude 28°16'00"S AGD66, east to longitude 140°33'00"E AGD66, north to latitude 28°15'40"S AGD66, east to longitude 140°33'20"E AGD66, north to latitude 28°15'20"S AGD66, east to longitude 140°33'30"E AGD66, north to latitude 28°15'00"S AGD66, east to longitude 140°34'10"E AGD66, north to latitude 28°14'40"S AGD66, east to longitude 140°35'00"E AGD66, north to latitude 28°14'00"S AGD66, west to longitude 140°31'00"E AGD66, north to latitude 28°12'30"S AGD66, west to longitude 140°29'00"E AGD66, north to latitude 28°10'00"S AGD66, east to longitude 140°31'00"E AGD66, and north to point of commencement.

AREA: 224 square kilometres approximately.

*GSL 3*

Commencing at a point being the intersection of latitude 28°11'30"S AGD66 and longitude 140°42'30"E AGD66, thence east to longitude 140°51'00"E AGD66, south to latitude 28°13'00"S AGD66, east to longitude 140°51'30"E AGD66, north to latitude 28°12'50"S AGD66, east to longitude 140°52'20"E AGD66, south to latitude 28°13'10"S AGD66, east to longitude 140°52'30"E AGD66, south to latitude 28°13'50"S AGD66, west to longitude 140°52'20"E AGD66, south to latitude 28°14'20"S AGD66, west to longitude 140°52'00"E AGD66, south to latitude 28°14'30"S AGD66, west to longitude 140°51'20"E AGD66, north to latitude 28°14'20"S AGD66, west to longitude 140°51'10"E AGD66, north to latitude 28°14'10"S AGD66, west to longitude 140°51'00"E AGD66, south to latitude 28°16'30"S AGD66, west to longitude 140°44'50"E AGD66, south to latitude 28°18'10"S AGD66, west to

longitude 140°43'50"E AGD66, north to latitude 28°16'30"S AGD66, west to longitude 140°40'00"E Clarke1858, north to latitude 28°13'00"S AGD66, east to longitude 140°42'30"E AGD66, and north to point of commencement.

AREA: **168** square kilometres approximately.

*GSL 4*

Commencing at a point being the intersection of latitude 28°11'20"S AGD66 and longitude 140°41'40"E AGD66, thence east to longitude 140°42'30"E AGD66, south to latitude 28°13'00"S AGD66, west to longitude 140°40'00"E Clarke1858, north to latitude 28°12'20"S AGD66, east to longitude 140°40'10"E AGD66, north to latitude 28°12'10"S AGD66, east to longitude 140°40'20"E AGD66, north to latitude 28°12'00"S AGD66, east to longitude 140°40'30"E AGD66, north to latitude 28°11'50"S AGD66, east to longitude 140°40'40"E AGD66, north to latitude 28°11'40"S AGD66, east to longitude 140°41'10"E AGD66, north to latitude 28°11'30"S AGD66, east to longitude 140°41'40"E AGD66, and north to point of commencement.

AREA: **10.6** square kilometres approximately.

Dated: 17 February 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 Preliminary Survey Licence—PSL 40*

Pursuant to section 92(1) of the *Petroleum and Geothermal Energy Act 2000*, notice is hereby given that the undermentioned Preliminary Survey 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
PSL 40	South East Australia Gas Pty Ltd	Bolivar	1.80	MER-2021/0493

*Description of Area*

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

-34°44'42.290"	138°34'46.440"
-34°44'48.160"	138°34'47.200"
-34°44'55.700"	138°34'43.900"
-34°44'59.610"	138°34'23.170"
-34°44'45.350"	138°34'13.890"
-34°44'33.270"	138°34'03.490"
-34°44'10.680"	138°33'53.280"
-34°43'53.850"	138°33'26.580"
-34°44'00.800"	138°32'57.690"
-34°43'41.090"	138°32'51.830"
-34°43'37.400"	138°33'15.140"
-34°43'45.900"	138°33'20.140"
-34°43'46.860"	138°33'31.100"
-34°43'44.150"	138°33'44.800"
-34°43'53.730"	138°33'49.200"
-34°44'02.080"	138°34'00.020"
-34°44'00.560"	138°34'08.820"
-34°44'24.330"	138°34'17.820"
-34°44'42.290"	138°34'46.440"

All coordinates in GDA94

AREA: **1.80** square kilometres approximately

Dated: 17 February 2022

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

PLANNING, DEVELOPMENT AND INFRASTRUCTURE ACT 2016

SECTION 108(6)

*Variation of Declaration*

*Preamble*

On 26 November 2015, the development of a deep water port at Port Spencer was declared a major development (refer notice in the Gazette on 26 November 2015, pages 5036-5037) under Section 46 of the former *Development Act 1993*. Schedule 2 of the declaration specified those land parcels and associated coastal waters where the specified forms of development under Schedule 1 would take place. Peninsula Ports now seeks to include additional land to allow for a change to and expansion of the approved and previously varied layout (refer notice in the Gazette on 13 August 2020, pages 4314-4319).

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

**MEMORANDUM**

**GAS STORAGE LICENCES**  
**GSLs 1, 2, 3 and 4**

1. These licences granted on 17 February 2022 are hereby entered on the public register.
2. Interests in the licences are:-

Santos Limited	40.70%
Delhi Petroleum Pty Ltd	20.21%
Beach Energy (Operations) Limited	13.19%
Vamgas Pty Ltd	8.51%
Santos (NARNL Cooper) Pty Ltd	4.75%
Bridge Oil Developments Pty Ltd	3.99%
Alliance Petroleum Australia Pty Ltd	3.97%
Basin Oil Pty Ltd	2.10%
Reef Oil Pty Ltd	1.97%
Santos Petroleum Pty Ltd	0.40%
Santos (BOL) Pty Ltd	0.21%



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

Date: 17 February 2022

Ref: MER-2021/0311  
MER-2021/0312  
MER-2021/0313  
MER-2021/0314

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

## **GAS STORAGE LICENCE**

### **GSL 1**

NICK PANAGOPOULOS Acting  
I, ~~BARRY ALAN GOLDBSTEIN~~, 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 Dan van Holst Pellekaan, Minister for Energy and Mining (Minister), pursuant to delegated powers dated 29 June 2018, HEREBY GRANT to:

<b>Santos Limited</b>	ACN 007 550 923
<b>Vamgas Pty Ltd</b>	ACN 006 245 110
<b>Alliance Petroleum Australia Pty Ltd</b>	ACN 004 559 951
<b>Reef Oil Pty Ltd</b>	ACN 000 646 800
<b>Santos Petroleum Pty Ltd</b>	ACN 000 145 369
<b>Bridge Oil Developments Pty Ltd</b>	ACN 001 152 049
<b>Santos (BOL) Pty Ltd</b>	ACN 000 670 575
<b>Beach Energy (Operations) Limited</b>	ACN 007 845 338
<b>Delhi Petroleum Pty Ltd</b>	ACN 007 854 686
<b>Basin Oil Pty Ltd</b>	ACN 000 628 017
<b>Santos (NARNL Cooper) Pty Ltd</b>	ACN 004 761 255

(hereinafter referred to as the 'Licensees') a Gas Storage Licence, in relation to the use of a natural reservoir for the storage of petroleum or some other regulated substance in respect of the area described below, and subject to the conditions set out below and the provisions of the *Petroleum and Geothermal Energy Act 2000*, to have effect from 17 February 2022.

### **DESCRIPTION OF AREA**

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

### **CONDITIONS**

1. The Licensees must carry-out all regulated activities under this licence in accordance with the Act, (including the mandatory conditions stipulated by the Act), the Regulations and Statement of Environmental Objectives.
2. All regulated activities authorised by this Licence, except the activities described in Condition 2.2, are classified as requiring high level official surveillance, unless the Licensees satisfy the Minister, that in the view of the Licensee's demonstrated competence to comply with the requirements of the Act and the conditions of this Licence, those activities should be classified as required low level official surveillance.
  - 2.1 The Minister's prior written approval is required for activities requiring high level official surveillance in accordance with Regulation 19 of the Regulations to the Act.

- 2.2 Activities carried out pursuant to this Licence for the purpose of injecting a regulated substance into a natural reservoir are classified as requiring low level official surveillance status.
3. The Licensees 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").
  - 3.1 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.
  - 3.2 Interest will not be payable by the Minister to the Licensees on any cash Security.
  - 3.3 All charges incurred by the Licensees in obtaining and maintaining the Security shall be met by the Licensees.
  - 3.4 If this Licence is surrendered or cancelled and the Minister is satisfied that there are no further obligations under this Licence or the *Petroleum and Geothermal Energy Act 2000*, the Minister will return the Security to the Licensees.
4. The Licensees must:
  - (a) upon commencement of regulated activities under this licence, 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 Licensees 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. A contract or agreement entered into by the Licensees 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.

Date: 17 February 2022



NICK PANAGOPOULOS.....

~~BARRY A. GOLDBEIN~~

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



**EXECUTED BY THE LICENSEES:**

Signed for and on behalf of:

**Santos Limited** (ACN 007 550 923)  
**Vamgas Pty Ltd** (ACN 006 245 110)  
**Alliance Petroleum Australia Pty Ltd** (ACN 004 559 951)  
**Reef Oil Pty Ltd** (ACN 000 646 800)  
**Santos Petroleum Pty Ltd** (ACN 000 146 369)  
**Bridge Oil Developments Pty Ltd** (ACN 001 152 049)  
**Santos (BOL) Pty Ltd** (ACN 000 670 575)  
**Basin Oil Pty Ltd** (ACN 000 628 017)  
**Santos (NARNL Cooper) Pty Ltd** (ACN 004 761 255)

By its authorised representative:



.....  
Signature of representative

Amanda Devonish  
.....  
Print name of authorised representative

23 December 2021  
.....  
Date

**EXECUTED by Beach Energy (Operations) Limited** (ACN 007 845 338)  
in accordance with Section 127 of the  
*Corporations Act 2001*:

.....  
Signature of Director

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

.....  
Print name of Director

.....  
Print name of Director/Secretary\*  
(\*delete the inapplicable)

**EXECUTED BY THE LICENSEES:**

Signed for and on behalf of:

**Santos Limited** (ACN 007 550 923)  
**Vamgas Pty Ltd** (ACN 006 245 110)  
**Alliance Petroleum Australia Pty Ltd** (ACN 004 559 951)  
**Reef Oil Pty Ltd** (ACN 000 646 800)  
**Santos Petroleum Pty Ltd** (ACN 000 146 369)  
**Bridge Oil Developments Pty Ltd** (ACN 001 152 049)  
**Santos (BOL) Pty Ltd** (ACN 000 670 575)  
**Basin Oil Pty Ltd** (ACN 000 628 017)  
**Santos (NARNL Cooper) Pty Ltd** (ACN 004 761 255)

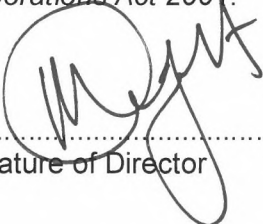
By its authorised representative:

.....  
Signature of representative

.....  
Print name of authorised representative

.....  
Date

**EXECUTED by Beach Energy (Operations) Limited** (ACN 007 845 338)  
in accordance with Section 127 of the  
*Corporations Act 2001*:

  
.....  
Signature of Director

Morné Engelbrecht  
Director  
.....  
Print name of Director

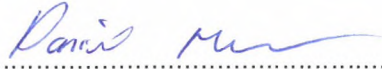
  
.....  
Signature of ~~Director~~/Secretary\*

Daniel Mwanane  
.....  
Print name of ~~Director~~/Secretary\*  
(\*delete the inapplicable)

**EXECUTED** by **Delhi Petroleum Pty Ltd** (ACN 007 854 686)  
in accordance with Section 127 of the  
*Corporations Act 2001*:



.....  
Signature of Director



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

Morné Engelbrecht  
Director

.....  
Print name of Director



.....  
Print name of ~~Director~~/Secretary\*  
(\*delete the inapplicable)

**THE SCHEDULE**  
**GAS STORAGE LICENCE**

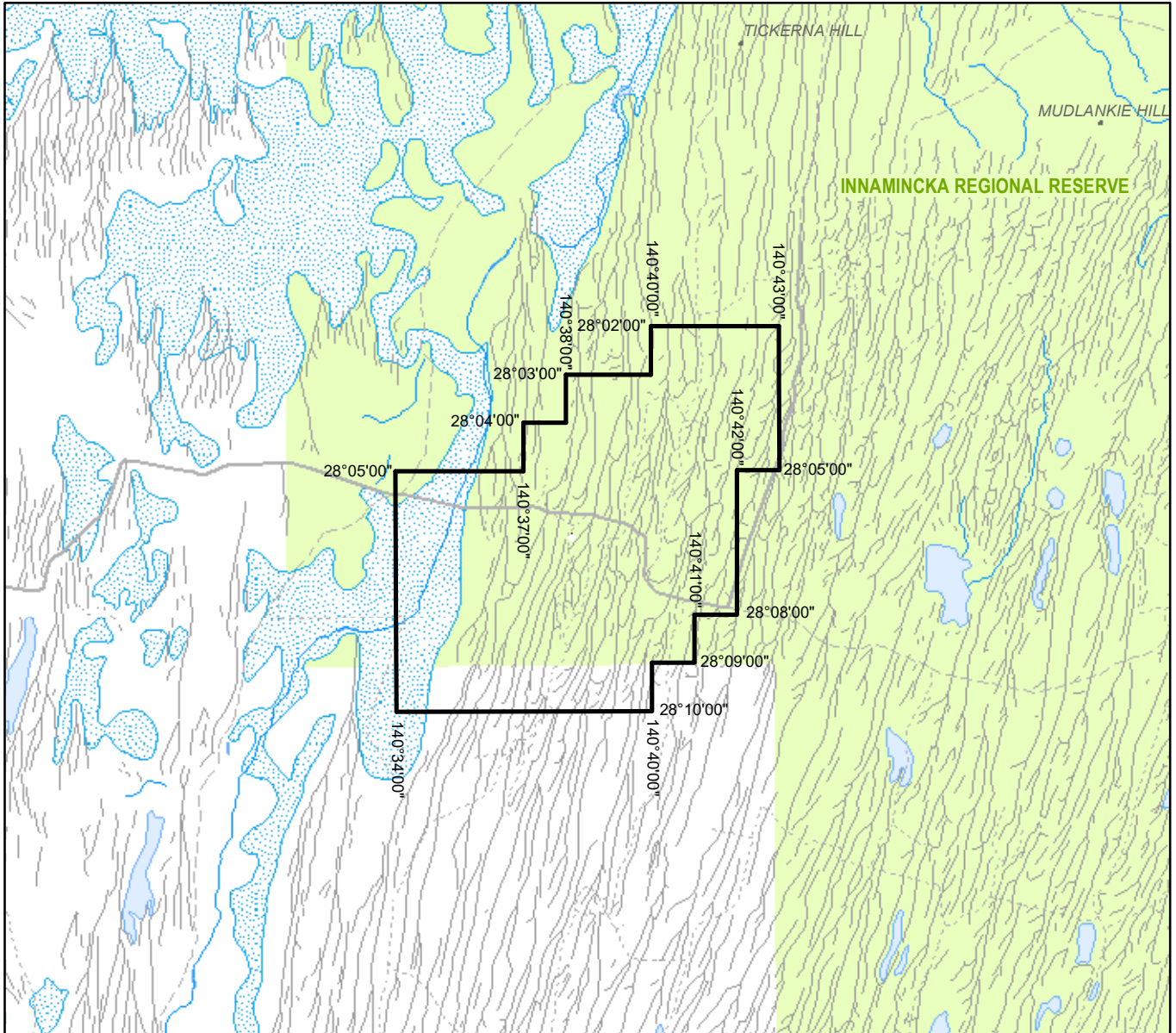
**GSL 1**

**DESCRIPTION OF AREA**

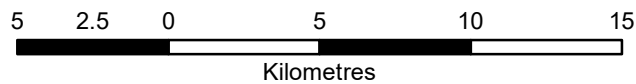
All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 28°02'00"S Clarke1858 and longitude 140°40'00"E Clarke1858, thence east to longitude 140°43'00"E Clarke1858, south to latitude 28°05'00"S Clarke1858, west to longitude 140°42'00"E Clarke1858, south to latitude 28°08'00"S Clarke1858, west to longitude 140°41'00"E Clarke1858, south to latitude 28°09'00"S Clarke1858, west to longitude 140°40'00"E Clarke1858, south to latitude 28°10'00"S Clarke1858, west to longitude 140°34'00"E Clarke1858, north to latitude 28°05'00"S Clarke1858, east to longitude 140°37'00"E Clarke1858, north to latitude 28°04'00"S Clarke1858, east to longitude 140°38'00"E Clarke1858, north to latitude 28°03'00"S Clarke1858, east to longitude 140°40'00"E Clarke1858, and north to point of commencement.

AREA: **154** square kilometres approximately.



SCALE 1:250 000



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 Clarke 1858 Datum and the schedule.

THE PLAN HEREINBEFORE REFERRED TO  
**GAS STORAGE PRODUCTION LICENCE NO: 1**