

**INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR GEOTHERMAL  
RETENTION LICENCE GRL 5**

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1. 11 May 2007 Memorandum entering GRL 5 on the public register.
2. 11 May 2007 Geothermal Retention Licence GRL 5  
Interests: Geodynamics Ltd 100%
3. 11 May 2007 Notation of Receipt of Security
4. 17 May 2007 Gazettal of Grant of GRL 5
5. 17 December 2007 Notation of approval and registration of the following document is hereby entered on the public register:  
  
Heads of Agreement dated 29 October 2007 between Geodynamics Limited, Origin Energy Geothermal Pty Ltd and Origin Energy Limited.  
Ref: SA 2007-44
6. 9 June 2009 Memorandum entering notation of revision to security arrangements on the public register.
7. 1 February 2010 Memorandum entering notation of the following documents on the public register.  
  
Letter Confirming Assignment of a 30% Interest in Geothermal Tenements dated 18 May 2009 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd.  
  
Ref: SA 2009-64  
  
Interests in the licence are:  
Geodynamics Limited 70%  
Origin Energy Geothermal Pty Ltd 30%  
  
Farmin Agreement dated 20 July 2009 between Geodynamics Limited, Origin Energy Geothermal Pty Ltd and Origin Energy Limited.  
  
Ref: SA 2009-65  
  
Joint Operating Agreement (Innamincka Joint Venture) dated 20 July 2009 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd.  
  
Ref: SA 2009-66
8. 13 July 2010 Memorandum entering notation of the following document on the public register.  
  
Memorandum of Understanding dated 24 February 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd.  
  
Ref: SA 2010-40

9. 20 August 2010 Memorandum entering notation of the following document on the public register.
- Deed of Cross Charge dated 2 August 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd.
- Ref: SA 2010-45
10. 26 November 2010 Variation of licence conditions
11. 26 November 2010 Memorandum entering variation of licence conditions on the public register.
12. 20 January 2011 Memorandum entering notation of the following document on the public register:
- Deed of Cross Charge (Shallows) dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd
- Ref: SA 2010-66
13. 20 January 2011 Memorandum entering notation of the following document on the public register.
- Deed of Cross Charge (Deeps) dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd
- Ref: SA 2010-67
14. 23 February 2011 Memorandum entering notation of the following documents on the public register.
- The Coordination Deed dated 12 November 2010 between Geodynamics Limited, Origin Energy Geothermal Pty Ltd and Origin Energy Electricity Limited.
- Ref: SA 2010-64
- The Joint Operating Agreement (Innamincka Shallows Joint Venture) dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd
- Ref: SA 2010-65
- Deed of Amendment of Existing Deed of Cross Charge dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd
- Ref: SA 2010-68
15. 14 June 2011 Memorandum entering notation of revision to security arrangements on the public register.

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

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCES**  
**GELs 211, 268**

**GEOHERMAL RETENTION LICENCES**  
**GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 20, 21, 22, 23, 24**

1. Notation of revision of security arrangements is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Executive Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources**  
**Development**

Date: 14 June 2011

File: 27/2/344, F2011/074,  
27/2/423, 27/2/424, 27/2/425,  
27/2/426, 27/2/427, 27/2/428,  
27/2/429, 27/2/430, 27/2/431,  
27/2/432, 27/2/550

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

**MEMORANDUM**

**GEOHERMAL RETENTION LICENCES**  
**GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 20, 21, 22, 23 and 24**

**and**

**GEOHERMAL EXPLORATION LICENCE**  
**GEL 211**

- SA 2010-64 Notation of the Coordination Deed dated 12 November 2010 between Geodynamics Limited, Origin Energy Geothermal Pty Ltd and Origin Energy Electricity Limited is hereby entered on the public register.
- SA 2010-65 Notation of the Joint Operating Agreement (Innamincka Shallows Joint Venture) dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register.
- SA 2010-68 Notation of the Deed of Amendment of Existing Deed of Cross Charge dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources Development**

Date: 23 February 2011

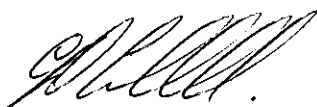
Ref: 27/2/344            27/2/428  
27/2/423            27/2/429  
27/2/424            27/2/430  
27/2/425            27/4/431  
27/2/426            27/2/432  
27/2/427            27/2/550

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

**MEMORANDUM**

**GEOHERMAL RETENTION LICENCES  
GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 20, 21, 22, 23 and 24  
GEOHERMAL EXPLORATION LICENCE  
GEL 211**

- SA 2010-66 Notation of the Deed of Cross Charge (Shallows) dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register.
- SA 2010-67 Notation of the Deed of Cross Charge (Deeps) dated 12 November 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register.



**C. D. COCKSHELL  
A/Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources Development**

Date: 20 January 2011

Ref: 27/2/344            27/2/428  
27/2/423            27/2/429  
27/2/424            27/2/430  
27/2/425            27/4/431  
27/2/426            27/2/432  
27/2/427            27/2/550

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

**MEMORANDUM**

**GEOHERMAL RETENTION LICENCES**  
**GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12**

1. Variation of licence conditions is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources Development**

Date: 26 November 2010

Ref: 27/2/423      27/2/429  
27/2/424      27/2/430  
27/2/425      27/2/431  
27/2/426      27/2/432  
27/2/427  
27/2/428

**Petroleum and Geothermal Energy Act 2000**

**VARIATION OF  
GEOTHERMAL RETENTION LICENCES  
GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12**

I, BARRY ALAN GOLDSTEIN, Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources, in the State of South Australia, pursuant to section 76(3)(b) of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 hereby vary the conditions of Geothermal Retention Licences GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 held by -

**Geodynamics Limited ACN 095 006 090**

**Origin Energy Geothermal Pty Ltd ACN 128 159 277**

The geothermal retention licences are varied by amending the licences granted 11 May 2007 as follows:

Clause 7 of the licence is hereby revoked.

Dated: 26 November 2010




**BARRY A. GOLDSTEIN  
Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources Development**

The following signature evidences the consent of the Licensees to the Variation of Conditions of Geothermal Retention Licences GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 as set out in this document and made pursuant to Section 76(3)(b) of the *Petroleum and Geothermal Energy Act 2000*.

Executed for and on behalf of:

**Geodynamics Limited** ACN 095 006 090

Date..... 23/11/10 .....

Signature.....  .....


Name..... HOWARD COOMBES .....

Position..... ENVIRONMENT & APPROVALS MANAGER .....

Executed for and on behalf of:

**Origin Energy Geothermal Pty Ltd** ACN 128 159 277

Date..... 22-11-10 .....

Signature.....  .....

Name..... Owen Hobbs .....

**Eastern Australia Onshore Asset Manager**  
**Upstream Oil & Gas Australia**

Position..... .....

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

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCE  
GEL 211**

**GEOHERMAL RETENTION LICENCES  
GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11,  
12, 20, 21, 22, 23 and 24**

SA 2010-45 Notation of registrable dealing as evidenced by Deed of Cross Charge dated 2 August 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register.



**BARRY A. GOLDSTEIN  
Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources  
Development**

Date: 20 August 2010

Ref:	27/2/344	27/2/428
	27/2/423	27/2/429
	27/2/424	27/2/430
	27/2/425	27/2/431
	27/2/426	27/2/432
	27/2/427	27/2/550

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

**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCE**  
**GEL 211**

**GEOHERMAL RETENTION LICENCES**  
**GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11,**  
**12, 20, 21, 22, 23 and 24**

SA 2010-40 Notation of registrable dealing as evidenced by Memorandum of Understanding dated 24 February 2010 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register.



**BARRY A. GOLDSTEIN**  
**Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources**  
**Development**

Date: 13 July 2010

Ref: 27/2/344	27/2/428
27/2/423	27/2/429
27/2/424	27/2/430
27/2/425	27/2/431
27/2/426	27/2/432
27/2/427	27/2/550

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

**MEMORANDUM**

**GEOHERMAL RETENTION LICENCES**  
**GRLs 3, 4, 5, 6, 7, 8, 9, 10,**  
**11, 12, 20, 21, 22, 23 AND 24**

**GEOHERMAL EXPLORATION LICENCE**  
**GELs 211**

SA 2009-64 Notation of registrable dealing as evidenced by Letter Confirming Assignment of a 30% Interest in Geothermal Tenements dated 18 May 2009 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register.

Interests in the licences are:

Geodynamics Limited	70%
Origin Energy Geothermal Pty Ltd	30%

SA 2009-65 Notation of registrable dealing as evidenced by Farmin Agreement dated 20 July 2009 between Geodynamics Limited, Origin Energy Geothermal Pty Ltd and Origin Energy Limited is hereby entered on the public register.

SA 2009-66 Notation of registrable dealing as evidenced by Joint Operating Agreement (Innamincka Joint Venture) dated 20 July 2009 between Geodynamics Limited and Origin Energy Geothermal Pty Ltd is hereby entered on the public register



**MICHAEL MALAVAZOS**  
**A/Director - Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources Development**

Date: 1 February 2010

Ref:	27/2/344	27/2/428
	27/2/423	27/2/429
	27/2/424	27/2/430
	27/2/425	27/2/431
	27/2/426	27/2/432
	27/2/427	27/2/550

**Petroleum Act 2000  
S.115**

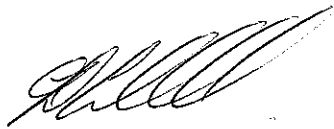
**MEMORANDUM**

**GEOHERMAL EXPLORATION LICENCE  
GEL 211**

**AND**

**GEOHERMAL RETENTION LICENCES  
GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11 AND 12**

1. Notation of revision to security arrangements is hereby entered on the public register.



**C. D. COCKSHELL  
A/Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources  
Development**

Date: 9 June 2009

File: 27/2/344      27/2/428  
27/2/423      27/2/429  
27/2/424      27/2/430  
27/2/425      27/2/431  
27/2/426      27/2/432  
27/2/427

***Petroleum Act 2000***  
**S.115**

**MEMORANDUM**

**GEOHERMAL RETENTION LICENCES**  
**GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11, 12**

**GEOHERMAL EXPLORATION LICENCES**  
**GEL 99 AND GEL 211**

1. Notation of the registration of the following document is hereby entered on the Public Register:

- SA 2007-44 Heads of Agreement dated 29 October 2007 between Geodynamics Limited, Origin Energy Geothermal Pty Ltd and Origin Energy Limited.



**B A GOLDSTEIN**  
**Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources**  
**Development**

Date: 17 December 2007

27/2/423 to 432  
27/2/217; 27/2/344

## PETROLEUM ACT 2000

*Grant of Geothermal Retention Licences—**GRL 3, GRL 4, GRL 5, GRL 6, GRL 7, GRL 8, GRL 9, GRL 10, GRL 11 and GRL 12*

NOTICE is hereby given that the undermentioned Geothermal Retention Licences have been granted under the provisions of the Petroleum Act 2000, pursuant to delegated powers dated 28 March 2002, *Gazetted* 11 April 2002, page 1573.

No. of Licence	Licensee	Locality	Area in km <sup>2</sup>	Reference
GRL 3	Geodynamics Ltd	Cooper Basin, South Australia	100	27/2/423
GRL 4	Geodynamics Ltd	Cooper Basin, South Australia	96	27/2/424
GRL 5	Geodynamics Ltd	Cooper Basin, South Australia	100	27/2/425
GRL 6	Geodynamics Ltd	Cooper Basin, South Australia	99	27/2/426
GRL 7	Geodynamics Ltd	Cooper Basin, South Australia	100	27/2/427
GRL 8	Geodynamics Ltd	Cooper Basin, South Australia	99	27/2/428
GRL 9	Geodynamics Ltd	Cooper Basin, South Australia	94	27/2/429
GRL 10	Geodynamics Ltd	Cooper Basin, South Australia	99	27/2/430
GRL 11	Geodynamics Ltd	Cooper Basin, South Australia	99	27/2/431
GRL 12	Geodynamics Ltd	Cooper Basin, South Australia	100	27/2/432

*Description of Area—GRL 3*

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

Commencing at a point being the intersection of latitude 27°46'31"S GDA94 and longitude 140°41'00"E GDA94, thence east to longitude 140°47'32"E GDA94, south to latitude 27°50'19"S GDA94, west to longitude 140°46'56"E GDA94, south to latitude 27°51'40"S GDA94, west to longitude 140°41'00"E GDA94 and north to the point of commencement.

Area: 100 km<sup>2</sup> approximately.

*Description of Area—GRL 4*

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

Commencing at a point being the intersection of latitude 27°43'16"S GDA94 and longitude 140°41'00"E GDA94, thence east to longitude 140°49'01"E GDA94, south to latitude 27°50'19"S GDA94, west to longitude 140°47'32"E GDA94, north to latitude 27°46'31"S GDA94, west to longitude 140°41'00"E GDA94 and north to the point of commencement.

Area: 96 km<sup>2</sup> approximately.

*Description of Area—GRL 5*

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

Commencing at a point being the intersection of latitude 27°43'16"S GDA94 and longitude 140°49'01"E GDA94, thence east to longitude 140°52'30"E GDA94, south to latitude 27°50'00"S GDA94, west to longitude 140°51'00"E GDA94, south to latitude 27°52'00"S GDA94, west to longitude 140°41'00"E GDA94, north to latitude 27°51'40"S GDA94, east to longitude 140°46'56"E GDA94, north to latitude 27°50'19"S GDA94, east to longitude 140°49'01"E GDA94 and north to the point of commencement.

Area: 100 km<sup>2</sup> approximately.

*Description of Area—GRL 6*

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

Commencing at a point being the intersection of latitude 27°40'00"S GDA94 and longitude 140°46'00"E GDA94, thence east to longitude 140°52'30"E GDA94, south to latitude 27°43'16"S GDA94, west to longitude 140°41'00"E GDA94, north to latitude 27°41'00"S GDA94, east to longitude 140°46'00"E GDA94 and north to the point of commencement.

Area: 99 km<sup>2</sup> approximately.

*Description of Area—GRL 7*

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

Commencing at a point being the intersection of latitude 27°40'00"S GDA94 and longitude 140°52'30"E GDA94, thence east to longitude 140°56'00"E GDA94, south to latitude 27°49'00"S GDA94, west to longitude 140°54'00"E GDA94, south to latitude 27°50'00"S GDA94, west to longitude 140°52'30"E GDA94 and north to the point of commencement.

Area: 100 km<sup>2</sup> approximately.

*Description of Area—GRL 8*

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

Commencing at a point being the intersection of latitude 27°47'53"S GDA94 and longitude 140°33'05"E GDA94, thence east to longitude 140°41'00"E GDA94, south to latitude 27°52'00"S GDA94, west to longitude 140°33'05"E GDA94 and north to the point of commencement.

Area: 99 km<sup>2</sup> approximately.

*Description of Area—GRL 9*

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

Commencing at a point being the intersection of latitude 27°44'06"S GDA94 and longitude 140°33'10"E GDA94, thence east to longitude 140°41'00"E GDA94, south to latitude 27°47'53"S GDA94, west to longitude 140°33'05"E GDA94, north to latitude 27°45'57"S GDA94, west to longitude 140°31'58"E GDA94, north to latitude 27°44'54"S GDA94, east to longitude 140°33'10"E GDA94 and north to the point of commencement.

Area: 94 km<sup>2</sup> approximately.

*Description of Area—GRL 10*

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

Commencing at a point being the intersection of latitude 27°45'57"S GDA94 and longitude 140°30'00"E GDA94, thence east to longitude 140°33'05"E GDA94, south to latitude 27°52'00"S GDA94, east to longitude 140°39'00"E GDA94, south to latitude 27°53'00"S GDA94, west to longitude 140°35'00"E GDA94, south to latitude 27°54'00"S GDA94, west to longitude 140°30'00"E GDA94 and north to the point of commencement.

Area: 99 km<sup>2</sup> approximately.

*Description of Area—GRL 11*

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

Commencing at a point being the intersection of latitude 27°41'00"S GDA94 and longitude 140°36'00"E GDA94, thence east to longitude 140°41'00"E GDA94, south to latitude 27°44'06"S GDA94, west to longitude 140°33'10"E GDA94, south to latitude 27°44'54"S GDA94, west to longitude 140°31'58"E GDA94, south to latitude 27°45'57"S GDA94, west to longitude 140°30'00"E GDA94, north to latitude 27°43'30"S GDA94, west to longitude 140°26'00"E GDA94, north to latitude 27°43'00"S GDA94, east to longitude 140°32'00"E GDA94, north to latitude 27°42'00"S GDA94, east to longitude 140°36'00"E GDA94 and north to the point of commencement.

Area: 99 km<sup>2</sup> approximately.

*Description of Area—GRL 12*

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

Commencing at a point being the intersection of latitude 27°43'30"S GDA94 and longitude 140°26'00"E GDA94, thence east to longitude 140°30'00"E GDA94, south to latitude 27°53'00"S GDA94, west to longitude 140°28'00"E GDA94, north to latitude 27°51'00"S GDA94, west to longitude 140°27'00"E GDA94, north to latitude 27°50'00"S GDA94, west to longitude 140°26'00"E GDA94 and north to the point of commencement.

Area: 100 km<sup>2</sup> approximately.

Dated 11 May 2007.

B. A. GOLDSTEIN, Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources Development


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# Petroleum Act 2000

## GEOTHERMAL RETENTION LICENCE GRL 5

I, BARRY ALAN GOLDSTEIN, Director Petroleum and Geothermal, Minerals and Energy Resources, Primary Industries and Resources, in the State of South Australia pursuant to the provisions of the *Petroleum Act 2000* and all other enabling powers, for and on behalf of Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegation dated 28 March 2002, (refer Government Gazette dated 11 April 2002 page 1573), HEREBY GRANT to:

**Geodynamics Limited** ACN 095 006 090

(hereinafter referred to as the Licensee) a Retention Licence in relation to a source of geothermal energy in respect of the area set out below, to have effect for a term of five years and to expire on 10 May  2012 and carrying the right to renewal subject to the provisions of the *Petroleum 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 is authorised to carry out in the licence area -
  - (a) operations -
    - (i) to establish the nature and extent of a discovery of geothermal energy; and
    - (ii) to establish the commercial feasibility of production and appropriate production techniques
2. 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 of \$50,000 (fifty thousand dollars) or such greater sum as specified by the Minister from time to time ("the Security").
  - 2.1 The Security shall be lodged in the form of either;
    - (a) cash; or
    - (b) an unconditional, irrevocable bank guarantee or letter of credit in a form, and from a financial institution, approved by the Minister,
  - 2.2 Interest will not be payable by the Minister to the Licensee on any cash Security.
  - 2.3 All charges incurred by the Licensee in obtaining and maintaining the Security shall be met by the Licensee
  - 2.4 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

- 3 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; and
  - (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)
- 4 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.
- 5 The Licensee will ensure, when preparing an Environmental Impact Report under Part 12 of the *Petroleum Act 2000*, that the report also includes an assessment of the potential economic consequences for other licensees under the *Petroleum Act 2000* or *Mining Act 1971* and owners of land, arising out of proposed regulated activities to be carried out in the licence area.
- 6 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 *2000* cannot transfer, limit or exclude liability under the *Petroleum Act 2000* unless written consent of the Minister is obtained.
7. The licensee shall, each year, no later than two months prior to the anniversary date of the licence, provide a written statement specifying the work program proposed for the forthcoming licence year, for approval by the Minister.

Date:

11 May

2007



**BARRY A. GOLDSTEIN**  
**Director Petroleum and Geothermal**  
**Minerals and Energy Resources**  
**Primary Industries and Resources SA**  
**Delegate of the Minister for Mineral Resources**  
**Development**

Signed by the said LICENSEE

Date: 2nd May 2007

J Wyborn

Authorised Representative

P Chopra

Witness

D WYBORN

Name

P. CHOPRA

Name

EXEC DIRECTOR

Position

Director

Position

GEODYNAMICS

Company

Geodynamics Ltd

Company

# PETROLEUM RETENTION LICENCE

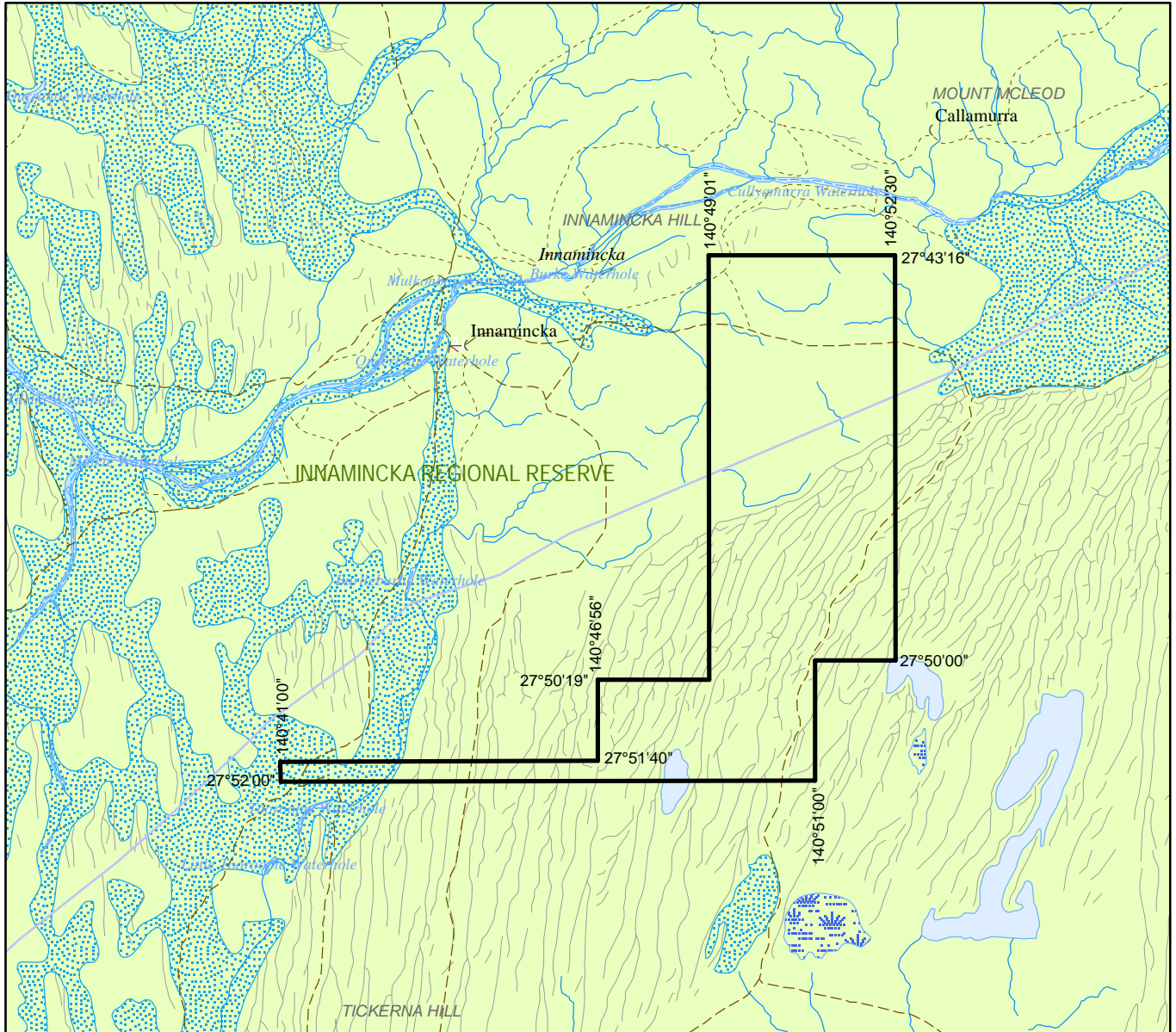
## GRL 5

### DESCRIPTION OF AREA

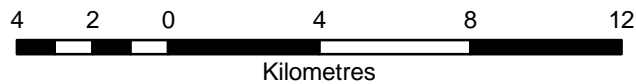
All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude  $27^{\circ}43'16''\text{S}$  GDA94 and longitude  $140^{\circ}49'01''\text{E}$  GDA94, thence east to longitude  $140^{\circ}52'30''\text{E}$  GDA94, south to latitude  $27^{\circ}50'00''\text{S}$  GDA94, west to longitude  $140^{\circ}51'00''\text{E}$  GDA94, south to latitude  $27^{\circ}52'00''\text{S}$  GDA94, west to longitude  $140^{\circ}41'00''\text{E}$  GDA94, north to latitude  $27^{\circ}51'40''\text{S}$  GDA94, east to longitude  $140^{\circ}46'56''\text{E}$  GDA94, north to latitude  $27^{\circ}50'19''\text{S}$  GDA94, east to longitude  $140^{\circ}49'01''\text{E}$  GDA94, and north to the point of commencement.

AREA: **100** square kilometres approximately.



SCALE 1:200 000



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 (GDA94) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO  
**GEOHERMAL RETENTION LICENCE NO: 5**



**Petroleum Act 2000  
S.115**

**MEMORANDUM**

**GEOHERMAL RETENTION LICENCES  
GRLs 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12**

1. These licences granted on 11 May 2007 are hereby entered on the public register.
2. Interests in the licences are:-

Geodynamics Limited	100%
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3. Notation of receipt of security is hereby entered on the public register.



**BARRY A. GOLDSTEIN  
Director Petroleum and Geothermal  
Minerals and Energy Resources  
Primary Industries and Resources SA  
Delegate of the Minister for Mineral Resources  
Development**

Date: 11 May 2007

Ref: 27/2/423  
27/2/424  
27/2/425  
27/2/426  
27/2/427  
27/2/428  
27/2/429  
27/2/430  
27/2/431  
27/2/432