

10. 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
11. 29 September 2010 Suspension of licence conditions for the period from and including 27 September 2010 to 26 March 2011.
- Extension of term of licence by the corresponding period of suspension.
- Expiry date of GEL 211 is now 13 May 2011
12. 29 September 2010 Memorandum entering suspension of licence conditions and extension to licence term on the public register.
13. 7 October 2010 Gazettal of suspension and extension of licence.
14. 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
15. 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
16. 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

17. 9 March 2011 Suspension of licence for the period from and including 27 March 2011 to 26 September 2011.

GEL 211 is now due to expire 13 November 2011
18. 9 March 2011 Memorandum entering suspension of licence on the public register.
19. 17 March 2011 Gazettal of suspension of licence.
20. 30 March 2011 Cessation of suspension of licence from 31 March 2011.

New expiry date of GEL 211 is 17 May 2011.
21. 30 March 2011 Memorandum entering cessation of suspension of licence on the public register.
22. 7 April 2011 Gazettal of cessation of suspension.
23. 13 April 2011 Resumption of suspension dated 9 March 2011, from and including 12 April 2011 to 8 October 2011.

GEL 211 is now due to expire on 13 November 2011.
24. 13 April 2011 Memorandum entering resumption of suspension on the public register.
25. 21 April 2011 Gazettal of resumption of suspension.
26. 14 June 2011 Memorandum entering notation of revision to security arrangements on the public register.
27. 13 September 2011 Memorandum noting extension of time limit to apply for licence renewal is hereby entered on the public register.
28. 9 January 2012 Renewal of licence

Expiry date of GEL 211 is now 13 November 2016

Interest in the licence:

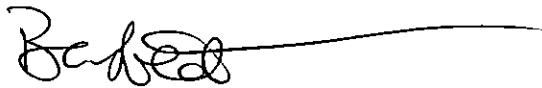
Geodynamics Limited	70%
Origin Energy Geothermal Pty Ltd	30%
29. 9 January 2012 Memorandum entering renewal of licence, effective from 14 November 2011 on the public register.
30. 16 March 2012 Memorandum entering notation of grant of adjunct AAL 168 on the public register.

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

GEOHERMAL EXPLORATION LICENCE
GEL 211

1. Notation of the Grant of Associated Activities Licence AAL 168 (adjunct to GEL 211) is hereby entered on the public register.



BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy

Date: 16 March 2012

File: 27/2/344

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

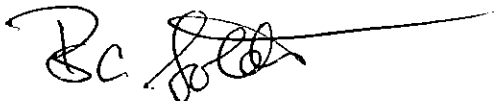
**RENEWAL OF
GEOTHERMAL EXPLORATION LICENCE
GEL 211**

1. Renewal of this licence, effective from 14 November 2011 is hereby entered on the public register.

Expiry date: 13 November 2016

2. Interests in the licence are:

Geodynamics Limited	70%
Origin Energy Geothermal Pty Ltd	30%



BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy

Date: 9 January 2012

File: 27/2/344

Petroleum and Geothermal Energy Act 2000

FIRST RENEWAL OF GEOTHERMAL EXPLORATION LICENCE GEL 211

I, BARRY ALAN GOLDSTEIN, Executive Director, Energy Resources Division, Department for Manufacturing, Innovation, Trade, Resources and Energy, 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 Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 1 October 2009, HEREBY GRANT to:

Geodynamics Limited ACN 095 006 090

Origin Energy Geothermal Pty Ltd ACN 128 159 277

(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 from 14 November 2011 and to expire on 13 November 2016 and carrying the right to one further renewal term subject to the provisions of 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 -

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none">• Assessment and analysis of results following drilling of Habanero 4 well in adjacent GRL 3.
Two	<ul style="list-style-type: none">• Interpretation of the results from Habanero 4 drilling and stimulation in terms of the implication for prospectivity in GEL 211.
Three	<ul style="list-style-type: none">• Analysis of the distribution of natural fractures in the Innamincka Granite based on crustal strain modelling and the applicability to GEL 211.
Four	<ul style="list-style-type: none">• Technical and engineering studies.
Five	<ul style="list-style-type: none">• Technical and engineering studies.

2. In the event that the Licensee during any year of the term of this licence (a year being the period of twelve calendar months ending on the anniversary of the date upon which this licence comes into force) 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.
3. The Licensee shall during periods determined by the Minister, lodge and maintain with 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"). 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,
 - 3.1 Interest will not be payable by the Minister to the Licensee on any cash Security.
 - 3.2 All charges incurred by the Licensee in obtaining and maintaining the Security shall be met by the Licensee.
 - 3.3 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.
4. The Licensee 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 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.

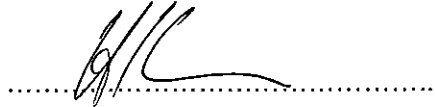
7. The Licensee must keep confidential any measurements made in a well which would enable the estimation of petroleum reserves ("Confidential Information") and must not disclose the Confidential Information without first obtaining the written consent of the licensee of the overlapping compatible licence, 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.
8. 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.
9. 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.

Date:..... 9/1/12


.....
BARRY A. GOLDSTEIN
Executive Director
Energy Resources
Department for Manufacturing, Innovation, Trade, Resources and Energy
Delegate of the Minister for Mineral Resources and Energy

Signed by the said LICENSEE

Date: 30th November 2011



Authorised Representative

HOWARD COOMBES

Name

ENVIRONMENT & APPROVALS MANAGER

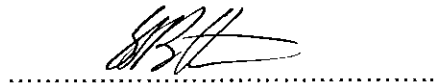
Position

GEODYNAMICS LIMITED

Company

Signed by the said LICENSEE

Date: 4th JANUARY 2012



Authorised Representative

SAMUEL SUTTON

Name

GEOTHERMAL JV MANAGER

Position

ORIGIN ENERGY

Company

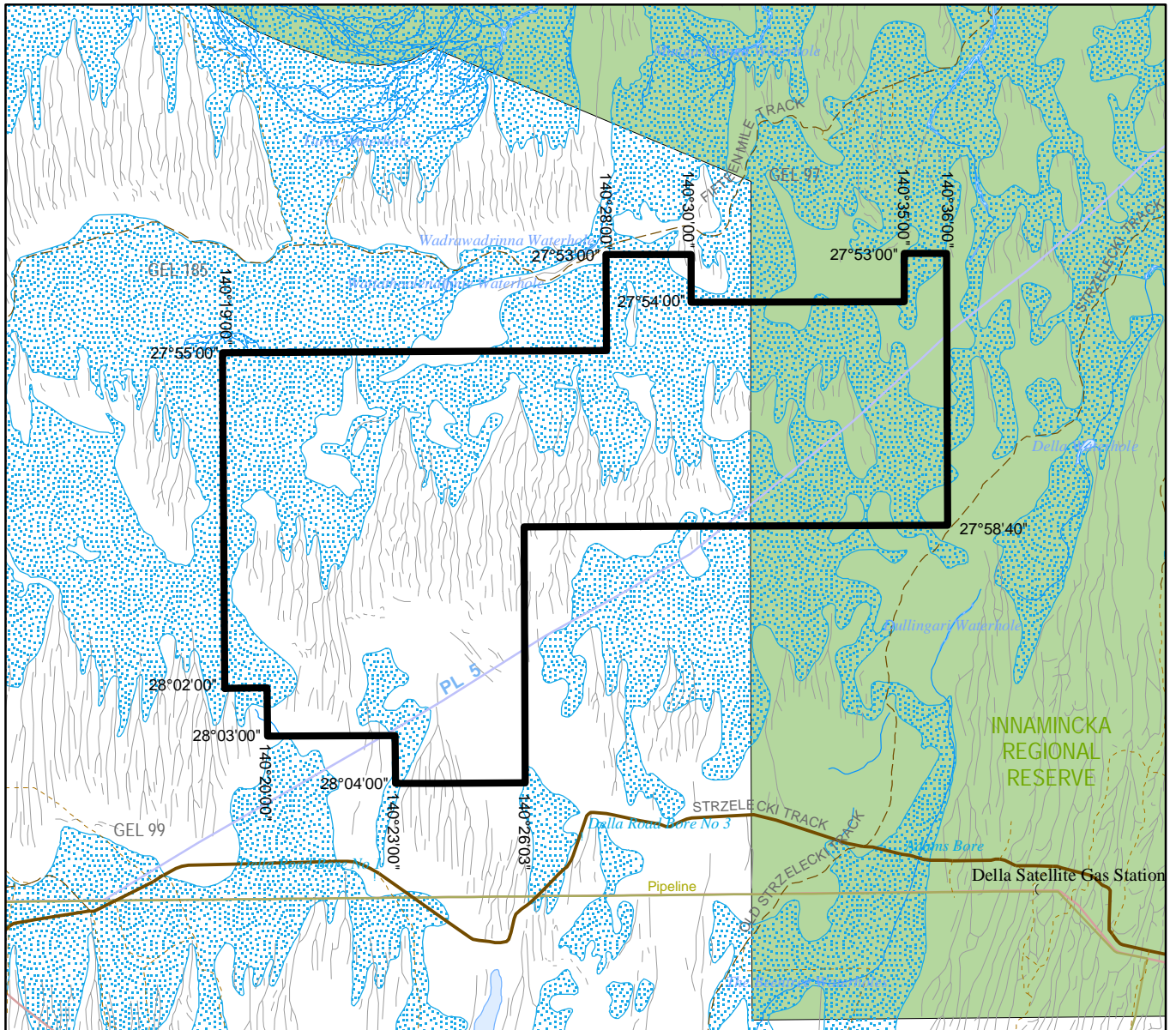
THE SCHEDULE
GEOHERMAL EXPLORATION LICENCE
GEL 211

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°53'00"S GDA94 and longitude 140°28'00"E GDA94, thence east to longitude 140°30'00"E GDA94, south to latitude 27°54'00"S GDA94, east to longitude 140°35'00"E GDA94, north to latitude 27°53'00"S GDA94, east to longitude 140°36'00"E GDA94, south to latitude 27°58'40"S GDA94, west to longitude 140°26'03"E GDA94, south to latitude 28°04'00"S GDA94, west to longitude 140°23'00"E GDA94, north to latitude 28°03'00"S GDA94, west to longitude 140°20'00"E GDA94, north to latitude 28°02'00"S GDA94, west to longitude 140°19'00"E GDA94, north to latitude 27°55'00"S GDA94, east to longitude 140°28'00"E GDA94, and north to point of commencement.

AREA: **321** 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 Geocentric Datum of Australia (GDA94) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO

GEOHERMAL EXPLORATION LICENCE NO: 211

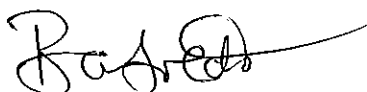


**Petroleum and Geothermal Energy Act 2000
S.134**

MEMORANDUM

**GEOHERMAL EXPLORATION LICENCE
GEL 211**

1. Notation of extension of time to 14 October 2011 by which the licensee must apply for the renewal of Geothermal Exploration Licence GEL 211 is hereby entered on the public register.



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

Date: 13 September 2011

File: 27/2/344

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

*Surrender of Geothermal Exploration Licence—GEL 501
and Associated Activities Licence—AAL 152*

NOTICE is hereby given that I have accepted surrender of the abovementioned Geothermal Exploration Licence and the Associated Activities Licence under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

No. of Licence	Licensee	Locality	Date of Surrender	Reference
GEL 501	Torrens Energy Limited	Port Augusta	8 April 2011	27/2/565
AAL 152	Torrens Energy Limited	Port Wakefield	8 April 2011	27/2/566

Description of Area—GEL 501

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

Commencing at a point being the intersection of latitude 32°22'00"S GDA94 and longitude 137°23'50"E GDA94, thence east to longitude 137°44'08"E GDA94, south to the northern boundary of the Cultana Army Land, thence westerly and south-westerly along the boundary of the said Army Land to latitude 32°33'00"S GDA94, west to longitude 137°38'00"E GDA94, north to latitude 32°29'58"S GDA94, west to longitude 137°27'10"E GDA94, north to latitude 32°28'04"S GDA94, west to longitude 137°23'50"E GDA94 and north to the point of commencement.

Area: 494 km² approximately.

Description of Area—AAL 152

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

Commencing at a point being the intersection of latitude 33°41'59.68"S GDA94 and longitude 138°06'46.57"E GDA94, thence east to longitude 138°07'21.93"E GDA94, south to latitude 33°42'24.68"S GDA94, west to longitude 138°06'46.57"E GDA94, and north to point of commencement.

Area: 0.70 km² approximately.

Dated 18 April 2011.

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

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

(SECTION 92)

*Resumption of Suspension of Geothermal Exploration Licence
GEL 267*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the suspension of the abovementioned licence dated 28 May 2010 has been resumed with effect from and including 12 April 2011 to 2 June 2011 under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

GEL 267 is now due to expire on 22 May 2013.

Dated 13 April 2011.

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

Resumption of Suspension of GEL 211 dated 9 March 2011, from and including 12 April 2011 to 8 October 2011. The expiry date of GEL 211 is now determined to be 13 November 2011.

Resumption of Suspension of GEL 268 dated 28 May 2010, from and including 12 April 2011 to 2 June 2011. The expiry date of GEL 268 is now determined to be 22 May 2013.

Dated 13 April 2011.

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

PETROLEUM PRODUCTS REGULATION ACT 1995

Appointments

I, BERNARD FINNIGAN, Minister for Industrial Relations in and for the State of South Australia, hereby appoint each of the following persons as an Authorised Officer for the purposes of the Petroleum Products Regulation Act 1995, in accordance with my delegated authority under Section 49 of that Act:

- Marrie Jongeneel
- Rhys Kirkbright
- Craig Charles Lewis
- Anthony William Parletta

Dated 18 April 2011.

BERNARD FINNIGAN, Minister for Industrial Relations

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

(SECTION 92)

*Resumption of Suspension of Geothermal Exploration Licences
GELs 211 and 268*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the following suspensions have been resumed under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

**RESUMPTION OF SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCES
GELs 211 and 268**

1. Resumption of suspension of GEL 211 dated 9 March 2011, from and including 12 April 2011 to 8 October 2011 is entered on the public register.
2. Resumption of suspension of GEL 268 dated 28 May 2010, from and including 12 April 2011 to 2 June 2011 is hereby entered on the public register.
3. The expiry date of these licences is now determined to be:

GEL 211 is now due to expire on 13 November 2011.

GEL 268 is now due to expire on 22 May 2013.



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: 13 April 2011

Ref: 27/2/344
F2011/000074

Petroleum and Geothermal Energy Act 2000
S.90

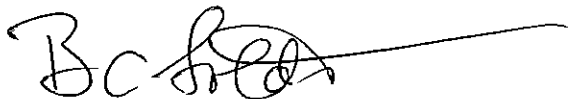
**RESUMPTION OF SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCE
GEL 211**

I, BARRY ALAN GOLDSTEIN, Executive Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources, 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 Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 -

(a) hereby approve the resumption of suspension dated 9 March 2011 of geothermal exploration licence GEL 211 for the period from and including 12 April 2011 to 8 October 2011.

1. No regulated activities are permitted to be carried out in the licence area during the period of the suspension.
2. The expiry date of GEL 211 is determined to be 13 November 2011.

Dated: 13 April 2011



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

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Cessation of Suspension of
Geothermal Exploration Licences—GELs 211 and 268*

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the suspension of GEL 211 dated 9 March 2011 and the suspension of GEL 268 dated 28 May 2010, have ceased under the provisions of the Petroleum and Geothermal Energy Act 2000, with effect from 31 March 2011, pursuant to delegated powers dated 1 October 2009:

1. The expiry date of GEL 211 is now determined to be 17 May 2011.
2. The expiry date of GEL 268 is now determined to be 31 March 2013.

Dated 30 March 2011.

E. ALEXANDER,
Acting Executive Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for
Mineral Resources Development

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

**CESSATION OF SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCES
GELs 211 and 268**

1. Cessation of suspension of licences from 31 March 2011 is entered on the public register.
2. The expiry date of GEL 211 is now determined to be 17 May 2011.
3. The expiry date of GEL 268 is now determined to be 31 March 2013.



ELINOR ALEXANDER
A/Executive Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development

Date: 30 March 2011

Ref: 27/2/344
F2011/000074

Petroleum and Geothermal Energy Act 2000
S.90

**CESSATION OF SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCES
GELs 211 and 268**

I, ELINOR ALEXANDER, Acting Executive Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources, 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 Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 -

- (a) hereby approve the cessation of the suspension dated 9 March 2011 of geothermal exploration licence GEL 211 with effect from 31 March 2011.
- (b) hereby approve the cessation of the suspension dated 28 May 2010 of geothermal exploration licence GEL 268 with effect from 31 March 2011.

1. The expiry date of GEL 211 is now determined to be 17 May 2011.
2. The expiry date of GEL 268 is now determined to be 31 March 2013.

Dated: 30 March 2011



ELINOR ALEXANDER
A/Executive Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Geothermal Exploration Licence—GEL 211

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the abovementioned Geothermal Exploration Licence GEL 211 has been suspended for the period from and including 27 March 2011 until 26 September 2011, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 1 October 2009.

The expiry date of GEL 211 is now determined to be 13 November 2011.

Dated 9 March 2011.

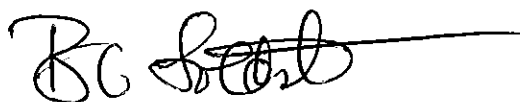
B. A. GOLDSTEIN,
Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral
Resources Development

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

GEOHERMAL EXPLORATION LICENCE
GEL 211

1. Suspension of licence from and including 27 March 2011 to 26 September 2011 is hereby entered on the public register.
2. The expiry date of GEL 211 is now determined to be 13 November 2011.



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: 9 March 2011

Ref: 27/2/344

Petroleum and Geothermal Energy Act 2000
S.90

**SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCE
GEL 211**

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 the provisions of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 –

- (a) Suspend geothermal exploration licence GEL 211 for the period from and including 27 March 2011 to 26 September 2011.
1. No regulated activities are permitted to be carried out during the period of the suspension.
 2. The expiry date of GEL 211 is now determined to be 13 November 2011.

Dated: 9 March 2011



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

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

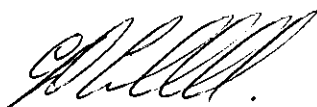
Ref: 27/2/344 27/2/428
27/2/423 27/2/429
27/2/424 27/2/430
27/2/425 27/4/431
27/2/426 27/2/432
27/2/427 27/2/550

**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

12. Where in the Marne Saunders Prescribed Water Resources Area water is taken by a licensee from a prescribed well or watercourse, or surface water is taken by a licensee in excess of the water allocation endorsed on the water licence, or a person who takes water in excess of the amount authorised for use by a notice under section 132 of the Act:

- (a) a rate of \$1.29 per kilolitre for all water taken in excess of the water allocation endorsed on the licence, up to and including a quantity equal to 10% of the water allocation endorsed on the licence; and
- (b) a rate of \$2.01 per kilolitre for all water taken in excess of the quantity of water referred to in paragraph (a).

13. Where water is taken from any prescribed water resource by a person who is not the holder of a water licence or who is not authorised under section 128 of the Act to take the water:

- (a) a rate of \$19.75 per kilolitre of water determined or assessed to have been taken in accordance with section 106 of the Act;

14. Where water is taken from any water resource in South Australia subject to a notice under section 132 of the Act, by a person who is not the holder of a water licence or who is not authorised under section 132 of the Act:

- (a) a rate of \$19.75 per kilolitre of water determined or assessed to have been taken in accordance with section 106 of the Act.

In this notice:

‘the Northern Adelaide Plains Prescribed Wells Area’ means the area declared to be the Northern Adelaide Plains Proclaimed Region by proclamation under section 41 of the Water Resources Act 1976 (see *Gazette* 13 May 1976 page 2459), and as further proclaimed under section 125 of the Natural Resources Management Act 2004 (see *Gazette* 22 July 2004, p. 2600);

‘the River Murray Prescribed Watercourse’ means the watercourses and lakes declared to be the River Murray Proclaimed Watercourse by proclamation under section 25 of the Water Resources Act 1976 (see *Gazette* 10 August 1978, p. 467);

‘the Angas Bremer Prescribed Wells Area’ means the area declared to be the Angas Bremer Proclaimed Region by proclamation under section 41 of the Water Resources Act 1976 (see *Gazette* 23 October 1980 p. 1192);

‘the Mallee Prescribed Wells Area’ means the area declared to be the Mallee Prescribed Wells Area by proclamation under section 41 of the Water Resources Act 1997 (see *Gazette* 28 July 1983, page 205 and varied on 9 January 1986, page 19) and as further proclaimed under section 125 of the Natural Resources Management Act 2004 (see *Gazette* 27 October 2005, p 3833);

‘the Barossa Prescribed Water Resources Area’ means the area declared by proclamation under section 125 of the Natural Resources Management Act 2004 (see *Gazette* 19 May 2005, p. 1295);

‘the Southern Basins Prescribed Wells Area’ means the area declared to be the Southern Basins Proclaimed Region by proclamation under section 41 of the Water Resources Act 1976 (see *Gazette* 12 March 1987 p. 596);

‘the Musgrave Prescribed Wells Area’ means the area declared to be the Musgrave Proclaimed Region by proclamation under section 41 of the Water Resources Act 1976 (see *Gazette* 12 March 1987 p. 596);

‘the McLaren Vale Prescribed Wells Area’ means the area gazetted on 7 January 1999 page 13, under the provisions of the Water Resources Act 1997;

‘the Lower Limestone Coast Prescribed Wells Area’ means the area declared by proclamation under section 8 of the Water Resources Act 1997 (see *Gazette* 2 December 2004 p. 4462);

‘the Padthaway Prescribed Wells Area’ means the area declared to be the Padthaway Proclaimed Region by proclamation under section 41 of the Water Resources Act 1976 (see *Gazette* 13 May 1976);

‘the Peake, Roby and Sherlock Prescribed Wells Area’ means the area declared by proclamation under section 125 of the Natural Resources Management Act 2004 (see *Gazette* 27 October 2005 p. 3836);

‘the Tatiara Prescribed Wells Area’ means the area declared to be the Tatiara Proclaimed Region by proclamation under section 41 of the Water Resources Act 1976 (see *Gazette* 12 July 1984 p. 134, as varied on 9 January 1986 p. 64 and varied on 30 January 1986 p. 206);

‘the Tintinara Coonalpyn Prescribed Wells Area’ means the area declared to be the Tintinara Coonalpyn Prescribed wells Area by proclamation under section 41 of the Water Resources Act 1997 (see *Gazette* 2 November 1999 p. 2933);

‘the Far North Prescribed Wells Area’ means the area declared by proclamation under section 125 of the Natural Resources Management Act 2004 (see *Gazette* 27 March 2003, p. 1249);

‘the Clare Valley Prescribed Water Resources Area’ means the area declared by proclamation under section 125 of the Natural Resources Management Act 2004 (see *Gazette* 15 January 2009, p.281);

‘the Marne Saunders Prescribed Water Resources Area’ means the area declared by proclamation under section 125 of the Natural Resources Management Act 2004 (see *Gazette* 20 March 2003, p.1111).

A reference in this notice to the water allocation endorsed on the water licence is a reference to a water (taking) or water (holding) allocation in respect of the water resource to which the reference relates.

Dated 28 September 2010.

PAUL CAICA, Minister for Environment and Conservation

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Geothermal Exploration Licence—GEL 211

PURSUANT to section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the abovementioned Geothermal Exploration Licence has been suspended under the provisions of the Petroleum and Geothermal Energy Act 2000, from and including 27 September 2010 until 26 March 2011, pursuant to delegated powers dated 1 October 2009.

The expiry date of GEL 211 is now determined to be 13 May 2011.

Dated 29 September 2010.

E. ALEXANDER,
Acting Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral
Resources Development

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Statements of Environmental Objectives for New Regulated Activities

PURSUANT to section 104 (1) of the Petroleum and Geothermal Energy Act 2000 (‘the Act’) I, Barry Goldstein, Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources SA, Delegate of the Minister for Mineral Resources Development, pursuant to Delegation dated 1 October 2009, *Gazetted* 1 October 2009, do hereby publish the following document as having been approved as a statement of environmental objectives under the Act:

Document

Rodinia Oil Corp, Drilling Activities in PELs 81 and 253, Officer Basin, Statement of Environmental Objectives, September 2010.

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

MEMORANDUM

**GEOHERMAL EXPLORATION LICENCE
GEL 211**

1. Suspension of licence from and including 27 September 2010 to 26 March 2011 is hereby entered on the public register.
2. The expiry date of GEL 211 is now 13 May 2011.



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

Date: 29 September 2010

Ref: 27/2/344

Petroleum and Geothermal Energy Act 2000
S.90

**SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCE
GEL 211**

I, ELINOR ALEXANDER, Acting Director Petroleum and Geothermal, Minerals and Energy Resources, Department of Primary Industries and Resources, 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 Paul Holloway, Minister for Mineral Resources Development (Minister), pursuant to delegated powers dated 1 October 2009 –

(a) suspend geothermal exploration licence GEL 211 for the period from and including 27 September 2010 to 26 March 2011.

1. No regulated activities are permitted to be carried out during the period of the suspension.
2. The expiry date of GEL 211 is now 13 May 2011.

Dated: 29 September 2010



ELINOR ALEXANDER
A/Director Petroleum and Geothermal
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources Development

**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**

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: 23 June 2009

Ref: 27/2/344

Petroleum Act 2000

VARIATION OF GEOTHERMAL EXPLORATION LICENCE GEL 211

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 25 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 delegated powers dated 28 March 2002, Gazetted 11 April 2002, page 1573, hereby vary the conditions of Geothermal Exploration Licence GEL 211 held by -

Geodynamics Limited
ACN 095 006 090

Condition 1 of the licence is omitted and the following substituted:

" 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:-

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none">• Geological and geophysical studies.
Two	<ul style="list-style-type: none">• Geological and geophysical studies.
Three	<ul style="list-style-type: none">• Geological and geophysical studies
Four	<ul style="list-style-type: none">• Geological and geophysical studies.
Five	<ul style="list-style-type: none">• Geological and geophysical studies.

Dated: 23 June 2009



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

**Petroleum Act 2000
S.115**

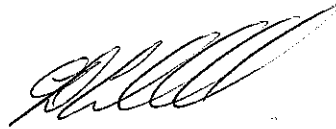
MEMORANDUM

**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 Exploration Licence—GEL 211

NOTICE is hereby given that the undermentioned Geothermal Exploration Licence has 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 ²	Reference
GEL 211	Geodynamics Limited	Cooper Basin of South Australia	481	27/02/344

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°53'00"S GDA94 and longitude 140°28'00"E GDA94, thence east to longitude 140°30'00"E GDA94, south to latitude 27°54'00"S GDA94, east to longitude 140°35'00"E GDA94, north to latitude 27°53'00"S GDA94, east to longitude 140°36'00"E GDA94, south to latitude 28°04'00"S GDA94, west to longitude 140°23'00"E GDA94, north to latitude 28°03'00"S GDA94, west to longitude 140°20'00"E GDA94, north to latitude 28°02'00"S GDA94, west to longitude 140°19'00"E GDA94, north to latitude 27°55'00"S GDA94, east to longitude 140°28'00"E GDA94, and north to the point of commencement.

Area: 481 km² approximately.

Dated 14 November 2005.

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

**Petroleum Act 2000
S.115**

MEMORANDUM

**GEOHERMAL EXPLORATION LICENCE
GEL 211**

1. This Licence granted on 14 November 2005 is hereby entered on the public register.
2. Interests in the licence are:-

Geodynamics Limited	100%
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3. Notation of receipt of security in the form of a Bank Guarantee on 22 June 2005 is hereby entered on the public register.



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

Date: 14 November 2005

Ref: 27/2/344

PETROLEUM ACT 2000

GEOHERMAL EXPLORATION LICENCE

GEL 211

I, BARRY ALAN GOLDSTEIN, Director Petroleum, 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) 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 13 November 2010 but carrying the right of renewal under the *Petroleum Act 2000*. *BA*

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:-

Year of Term of Licence	Minimum Work Requirements
One	<ul style="list-style-type: none">• Geological and geophysical review of existing data.
Two	<ul style="list-style-type: none">• Collection of remotely-sensed gravity and seismic data.
Three	<ul style="list-style-type: none">• Re-enter and temperature log one well.
Four	<ul style="list-style-type: none">• Geological and geophysical review of new data.
Five	<ul style="list-style-type: none">• Drill one well to basement.

2. 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.
3. The Licensee 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 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).
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. 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.
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 *2000* cannot transfer, limit or exclude liability under the *Petroleum Act 2000* unless written consent of the Minister is obtained.
8. In the event that the Licensee during any year of the term of this licence (a year being the period of twelve calendar months ending on the anniversary of the date upon which the licence comes into force) fails to comply with the work program requirements of this licence, it is an express term of this licence that the Minister then

may use discretion to either cancel this licence or authorise such variation to these requirements as the Minister thinks fit.

9. The Licensee shall during periods determined by the Minister, lodge and maintain with 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”).

9.1 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,

9.2 Interest will not be payable by the Minister to the Licensee on any cash Security.

9.3 All charges incurred by the Licensee in obtaining and maintaining the Security, shall be met by the Licensee.

9.4 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.

Date:.....14 November.....2005



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

Signed by the said LICENSEE

Date: 7th October.....2005

J Wilson
.....
Authorised Representative

DOONE WYBORN
.....
Name

EXECUTIVE DIRECTOR
.....
Position

GEODYNAMICS LIMITED
.....
Company

Eugene Iliescu
.....
Witness

EUGENE ILIESCU
.....
Name

LOGISTICS & COMPLIANCE MANAGER
.....
Position

GEODYNAMICS LIMITED
.....
Company

GEOTHERMAL EXPLORATION LICENCE

GEL 211

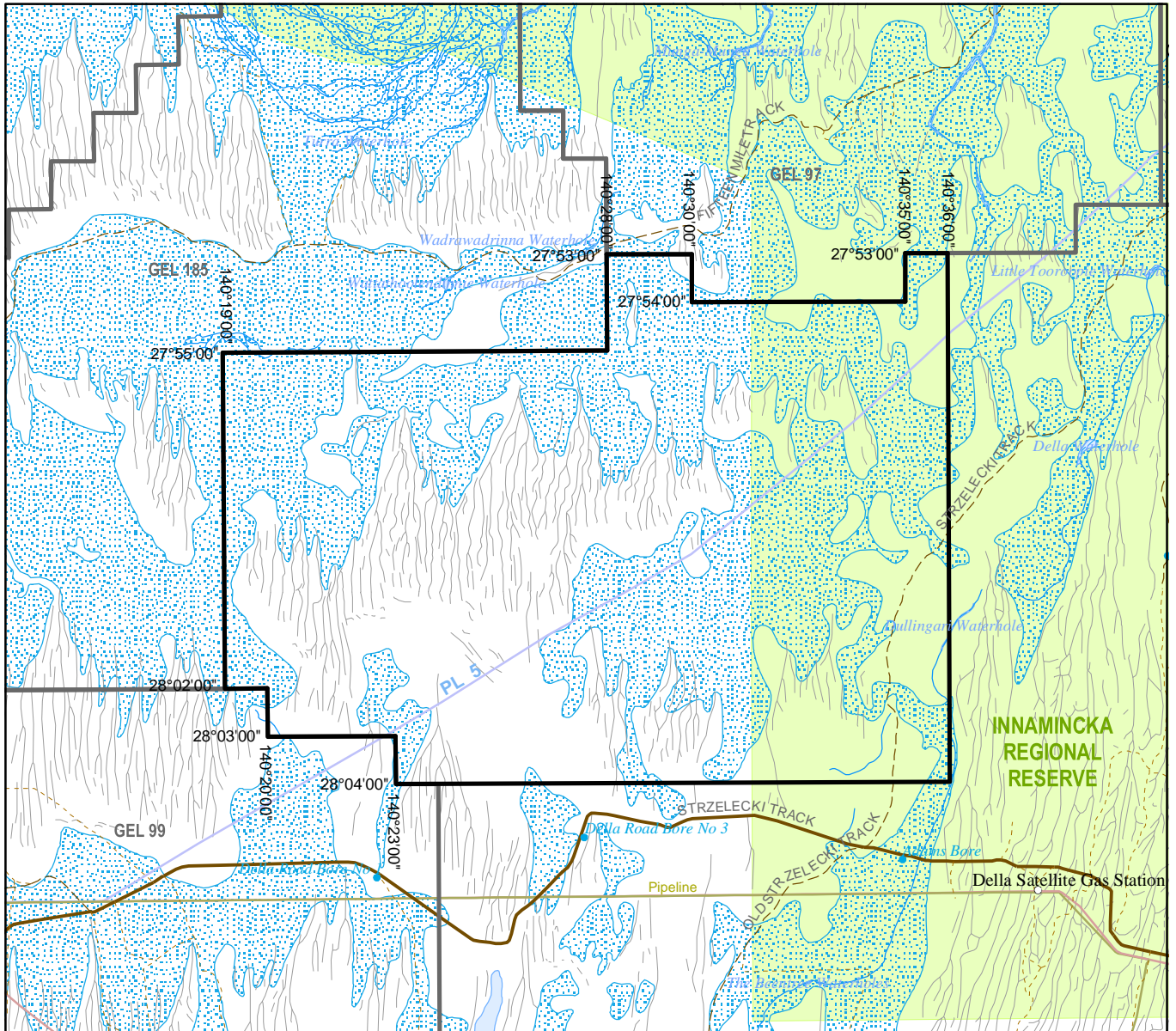
THE SCHEDULE

Description of Area

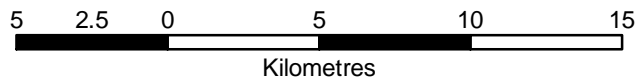
All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 27°53'00"S GDA94 and longitude 140°28'00"E GDA94, thence east to longitude 140°30'00"E GDA94, south to latitude 27°54'00"S GDA94, east to longitude 140°35'00"E GDA94, north to latitude 27°53'00"S GDA94, east to longitude 140°36'00"E GDA94, south to latitude 28°04'00"S GDA94, west to longitude 140°23'00"E GDA94, north to latitude 28°03'00"S GDA94, west to longitude 140°20'00"E GDA94, north to latitude 28°02'00"S GDA94, west to longitude 140°19'00"E GDA94, north to latitude 27°55'00"S GDA94, east to longitude 140°28'00"E GDA94, and north to point of commencement.

AREA: **481** 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 Geocentric Datum of Australia (GDA94) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO

GEOHERMAL EXPLORATION LICENCE NO: 211