

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Geothermal Exploration Licences—GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the abovementioned Geothermal Exploration Licences have been suspended under the provisions of the Petroleum and Geothermal Energy Act 2000, for the period from and including 4 August 2011 until 3 August 2012, pursuant to delegated powers dated 1 October 2009.

The expiry date of GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389 is now determined to be 28 October 2014.

Dated 15 August 2011.


B. 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

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

MEMORANDUM

**GEOHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389**

1. Suspension of licence from and including 4 August 2011 to 3 August 2012 is hereby entered on the public register.
2. The expiry date of GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389 is now determined to be 28 October 2014.



**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: 15 August 2011

Ref: 27/2/524

Petroleum and Geothermal Energy Act 2000
S.90

**SUSPENSION OF
GEOTHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389**

I, BARRY ALAN GOLDSTEIN, Executive Director, Petroleum and Geothermal Division, 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 hereby -

1. Suspend geothermal exploration licences GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, and 389 for the period from and including 4 August 2011 to 3 August 2012.

No regulated activities are permitted to be carried out during the period of the suspension.

The expiry date of GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389 is now determined to be 28 October 2014.

Dated: 15 August 2011



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

McCullough Robertson Lawyers Attn: Danielle Airton
C Dang
GPO Box 1855
Brisbane QLD 4001

Remove this top section if desired before framing



Certificate of Registration on Conversion to a Proprietary Company



This is to certify that

STUART PETROLEUM LIMITED

Australian Company Number 059 146 226

on the fourteenth day of July 2011 converted to a proprietary company.

The name of the company is now

STUART PETROLEUM PTY LTD

Australian Company Number 059 146 226

The company is registered under the Corporations Act 2001 and is taken to be registered in Western Australia and the date of commencement of registration is the fifth day of May, 1993.

Issued by the
Australian Securities and Investments Commission
on this fourteenth day of July, 2011.

A handwritten signature in black ink, appearing to read 'G. Medcraft'.

Greg Medcraft
Chairman

CERTIFICATE

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

MEMORANDUM

**PETROLEUM EXPLORATION LICENCES
PELs 90, 93, 100, 102, 113 and 516**

**PETROLEUM RETENTION LICENCE
PRL 16**

**PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 215,
217, 218 and 221**

**ASSOCIATED ACTIVITIES LICENCE
AAL 147**

**GEOHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383,
384, 385, 386, 387, 388 and 389**

1. Notation of change of company name –

From: Stuart Petroleum Ltd
To: Stuart Petroleum Pty Ltd

is hereby entered on the public registers.



**J. S. ZABROWARNY
A/Executive Director
Petroleum and Geothermal Division
Minerals and Energy Resources
Primary Industries and Resources SA
Delegate of the Minister for Mineral Resources
Development**

Date: 10 August 2011

File:	27/2/168	27/2/534	28/1/386
	27/2/171	27/2/552	28/1/405
	27/2/182	28/1/359	28/1/410
	27/2/199	28/1/379	28/1/411
	27/2/517	28/1/380	28/1/423
	27/2/524	28/1/381	F2010/000025

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

PETROLEUM EXPLORATION LICENCES
PELs 90, 93, 100, 102, 113 and 516

PETROLEUM RETENTION LICENCE
PRL 16

PETROLEUM PRODUCTION LICENCES
PPLs 203, 207, 208, 209, 211, 215, 217, 218 and 221

GEOHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388 and 389

1. Notation of receipt of security in the form of a Bank Guarantee dated 28 June 2011 is hereby entered on the public register.
2. Security is held to cover any single event occurring in any licence operated by Senex Energy Limited in South Australia.
3. Notation of discharge of security in the form of Bank Guarantees dated 18 December 2006, 18 June 2007 and 7 July 2009 are 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: 4 July 2011

File:	27/2/168	27/2/171	27/2/180
	27/2/182	27/2/199	28/1/359
	27/2/379	27/2/524	27/2/534
	28/1/380	28/1/381	28/1/386
	28/1/405	28/1/410	28/1/411
	28/1/423	F2010/25	

PETROLEUM ACT 2000

Grant of Geothermal Exploration Licences

NOTICE is hereby given that the undermentioned Geothermal Exploration 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	Date of Expiry	Reference
GEL 378 GEL 379 GEL 380 GEL 381 GEL 382 GEL 383 GEL 384 GEL 385 GEL 386 GEL 387 GEL 388 GEL 389	Stuart Petroleum Limited	Cooper Basin, South Australia	28 October 2013	27/2/524

Description of Area—GEL 378

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

Commencing at a point being the intersection of latitude 28°05'00"S AGD66 and longitude 139°25'00"E AGD66, thence east to longitude 139°36'00"E GDA94, south to latitude 28°06'00"S GDA94, west to longitude 139°35'00"E GDA94, south to latitude 28°16'00"S GDA94, east to longitude 139°37'00"E GDA94, south to latitude 28°17'00"S GDA94, east to longitude 139°41'00"E GDA94, south to latitude 28°19'00"S GDA94, west to longitude 139°25'00"E AGD66 and north to the point of commencement.

Area: 468 km² approximately.

Description of Area—GEL 379

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

Commencing at a point being the intersection of latitude 28°19'00"S GDA94 and longitude 139°30'00"E GDA94, thence east to longitude 139°41'00"E GDA94, south to latitude 28°31'00"S GDA94, east to longitude 139°45'00"E GDA94, south to latitude 28°40'00"S AGD66, west to longitude 139°38'00"E GDA94, north to latitude 28°32'00"S GDA94, west to longitude 139°37'00"E GDA94, north to latitude 28°27'00"S GDA94, west to longitude 139°31'00"E GDA94, north to latitude 28°20'00"S GDA94, west to longitude 139°30'00"E GDA94 and north to the point of commencement.

Area: 483 km² approximately.

Description of Area—GEL 380

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

Commencing at a point being the intersection of latitude 28°31'00"S GDA94 and longitude 139°45'00"E GDA94, thence east to longitude 139°57'00"E GDA94, south to latitude 28°33'00"S GDA94, east to longitude 140°04'00"E GDA94, south to latitude 28°40'00"S AGD66, west to longitude 139°45'00"E GDA94 and north to the point of commencement.

Area: 467 km² approximately.

Description of Area—GEL 381

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

Commencing at a point being the intersection of latitude 28°32'00"S GDA94 and longitude 140°08'00"E GDA94, thence east to longitude 140°15'00"E GDA94, south to latitude 28°33'00"S GDA94, east to longitude 140°16'00"E GDA94, south to latitude 28°34'00"S GDA94, west to longitude 140°09'00"E GDA94, south to latitude 28°40'00"S AGD66, west to longitude 140°04'00"E GDA94, north to latitude 28°33'00"S GDA94, east to longitude 140°08'00"E GDA94 and north to the point of commencement.

Area: 146 km² approximately.

Description of Area—GEL 382

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

Commencing at a point being the intersection of latitude 26°49'00"S GDA94 and longitude 140°45'00"E GDA94, east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 27°00'00"S GDA94, west to longitude 140°50'00"E GDA94, north to latitude 26°59'00"S GDA94, west to longitude 140°45'00"E GDA94 and north to the point of commencement.

Area: 488 km² approximately.

Description of Area—GEL 383

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

Commencing at a point being the intersection of latitude 27°00'00"S GDA94 and longitude 140°50'00"E GDA94, thence east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 27°15'00"S GDA94, west to longitude 140°49'00"E GDA94, north to latitude 27°02'00"S GDA94, east to longitude 140°50'00"E GDA94 and north to the point of commencement.

Area: 496 km² approximately.

Description of Area—GEL 384

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

Commencing at a point being the intersection of latitude 26°57'30"S GDA94 and longitude 140°32'00"E GDA94, thence east to longitude 140°45'00"E GDA94, south to latitude 26°59'00"S GDA94, east to longitude 140°50'00"E GDA94, south to latitude 27°02'00"S GDA94, west to longitude 140°49'00"E GDA94, south to latitude 27°07'00"S GDA94, west to longitude 140°32'00"E GDA94 and north to the point of commencement.

Area: 484 km² approximately.

Description of Area—GEL 385

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

Commencing at a point being the intersection of latitude 27°07'00"S GDA94 and longitude 140°29'00"E GDA94, thence east to longitude 140°49'00"E GDA94, south to latitude 27°15'00"S GDA94, west to longitude 140°29'00"E GDA94 and north to the point of commencement.

Area: 488 km² approximately.

Description of Area—GEL 386

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

Commencing at a point being the intersection of latitude 26°49'00"S GDA94 and longitude 140°20'00"E GDA94, thence east to longitude 140°30'00"E GDA94, south to latitude 26°57'30"S GDA94, east to longitude 140°32'00"E GDA94, south to latitude 27°07'00"S GDA94, west to longitude 140°20'00"E GDA94, north to latitude 27°03'30"S GDA94, east to longitude 140°26'00"E GDA94, north to latitude 27°00'00"S GDA94, west to longitude 140°25'00"E GDA94, north to latitude 26°59'00"S GDA94, west to longitude 140°24'00"E GDA94, north to latitude 26°56'00"S GDA94, west to longitude 140°20'00"E GDA94 and north to the point of commencement.

Area: 492 km² approximately.

Description of Area—GEL 387

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

Commencing at a point being the intersection of latitude 27°07'00"S GDA94 and longitude 140°20'00"E GDA94, thence east to longitude 140°29'00"E GDA94, south to latitude 27°15'00"S GDA94, west to longitude 140°27'00"E GDA94, south to latitude 27°26'00"S GDA94, west to longitude 140°26'00"E GDA94, south to latitude 27°29'00"S GDA94, west to longitude 140°22'00"E GDA94, north to latitude 27°27'00"S GDA94, west to longitude 140°20'00"E GDA94 and north to the point of commencement.

Area: 496 km² approximately.

Description of Area—GEL 388

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

Commencing at a point being the intersection of latitude 27°15'00"S GDA94 and longitude 140°39'00"E GDA94, thence east to the eastern border of the State of South Australia, thence southerly along the border of the said State to latitude 27°23'00"S GDA94, west to longitude 140°53'00"E GDA94, north to latitude 27°22'00"S GDA94, west to longitude 140°52'00"E GDA94, north to latitude 27°19'00"S GDA94, west to longitude 140°47'00"E GDA94, south to latitude 27°25'00"S GDA94, west to longitude 140°39'00"E GDA94 and north to the point of commencement.

Area: 496 km² approximately.

Description of Area—GEL 389

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

Commencing at a point being the intersection of latitude 27°15'00"S GDA94 and longitude 140°27'00"E GDA94, thence east to longitude 140°39'00"E GDA94, south to latitude 27°26'00"S GDA94, west to longitude 140°38'00"E GDA94, south to latitude 27°27'00"S GDA94, west to longitude 140°35'00"E GDA94, south to latitude 27°29'00"S GDA94, west to longitude 140°26'00"E GDA94, north to latitude 27°26'00"S GDA94, east to longitude 140°27'00"E GDA94 and north to the point of commencement.

Area: 493 km² approximately.

Dated 29 October 2008.

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 Act 2000
S.115**

MEMORANDUM

**GEOHERMAL EXPLORATION LICENCES
GELs 378, 379, 380, 381, 382, 383,
384, 385, 386, 387, 388 and 389**

1. These Licences granted with effect from and including 29 October 2008 are hereby entered on the public register.
2. Interests in the licences are:-

Stuart Petroleum Limited 100%



**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: 29 October 2008

Ref: 27/2/524

PETROLEUM ACT 2000

GEOHERMAL EXPLORATION LICENCE

GEL 385

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:

Stuart Petroleum Limited
ACN 059 146 226

(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 28 October 2013 but carrying the right of renewal under 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 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">• Drill one exploration well.

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: 29 October 2008



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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: 23/102008



.....
Authorised Representative

Giustino Guglielmo
Name

Managing Director
Position

Stuart Petroleum Limited
Company

GEOHERMAL EXPLORATION LICENCE

GEL 385

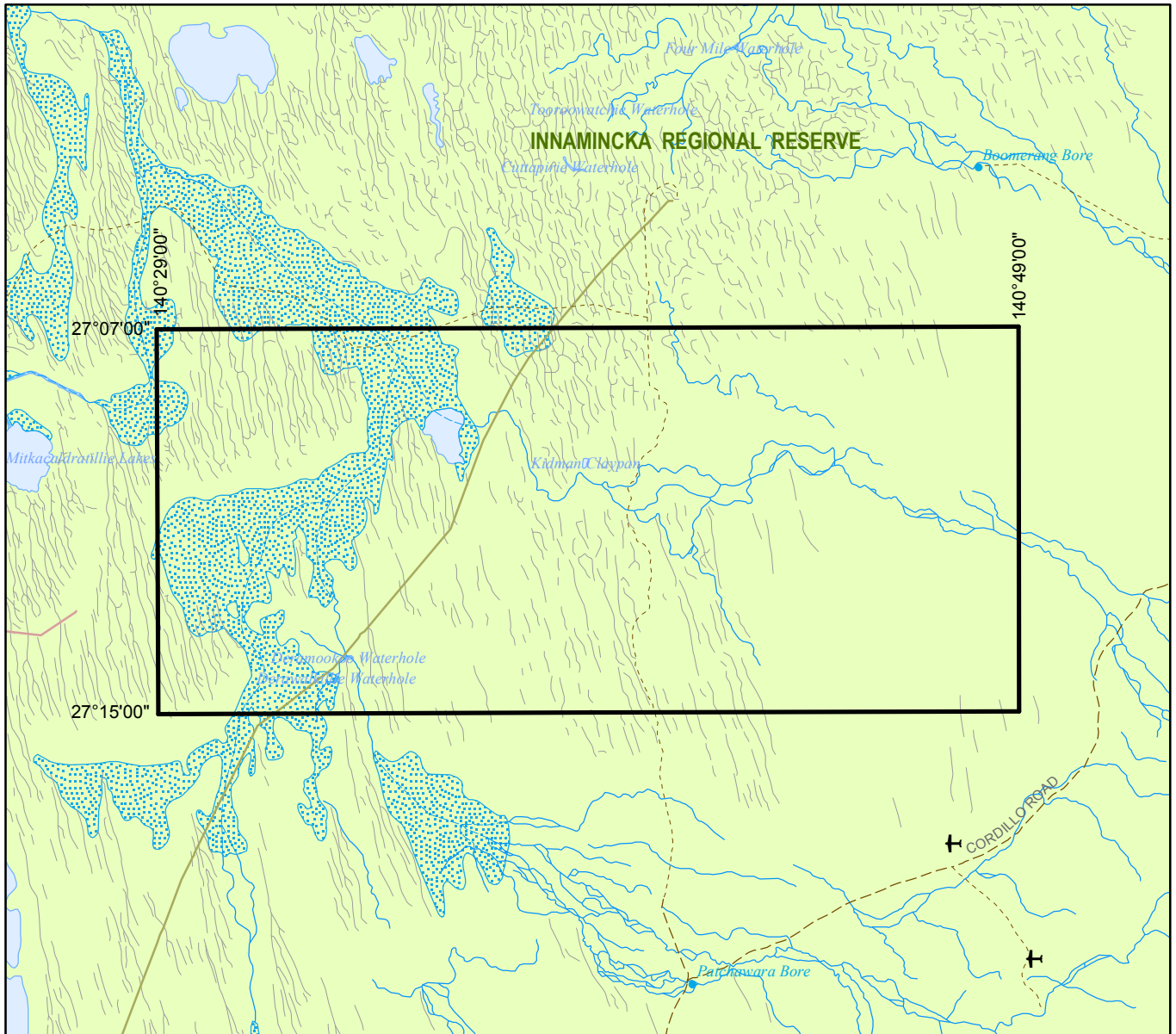
THE SCHEDULE

Description of Area

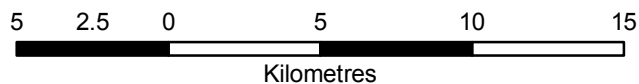
All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 27°07'00"S GDA94 and longitude 140°29'00"E GDA94, thence east to longitude 140°49'00"E GDA94, south to latitude 27°15'00"S GDA94, west to longitude 140°29'00"E GDA94, and north to the point of commencement.

AREA: **488** 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: 385