Inferus Resources Ltd

Final Annual Report

Licence Year 2, 2010

12 August 2009 – 11 August 2010

GEL 297, 300, 301, 302, 462-463, 465-480

of the

Roxby Geothermal Project

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30th September 2010

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1 Introduction

1.1 Background

The 22 licences held by Inferus Resources were located in the geological province of the Stuart Shelf and the eastern margin of the Gawler Craton, South Australia. Geographically, they were located along the western side of Lake Torrens. Inferus Resources had undertaken significant preliminary work to locate and characterise a geothermal resource. Geothermal data from precision temperature logs and thermal conductivity data were collected from two deep drill holes, each drilled by SAU to a total depth of approximately 1 km. Seismic data acquired by Geoscience Australia aided the interpretation of localised geological structures and major formation boundaries. In addition, historical mineral exploration activities in and around the project area produced gravity and magnetic data which combined with other deep drill holes contributed to the indirect methods available, demonstrating with a reasonable level of certainty, the potential for a commercially viable geothermal resource in the project area.

1.2 Licence Data

An initial group of four Geothermal Exploration Licences (GEL's 297, 300, 301 & 302) were granted to Inferus Resources on the 12th August 2008. On the 12th August 2009 a further 18 GEL's were granted (GEL's 462-463 and 465-480) and the work commitments of the first four GELS were amended to synchronise with new ones. In total the 22 GEL's covered an area of 10,000km².

This is the Final Report for the initial 4 GEL's granted 12th August 2008 and the subsequent group of 18 GEL's granted on the 12th August 2009 with an inclusive expiry date of the 11th October 2010. As of the 2nd of August 2010 these licenses were formally surrendered and the tenements relinquished.

In accordance with Section 33 of the Petroleum Regulations this report details the work conducted during Licence Year 2 of the licences (12th August 2009 to 11th August 2010 inclusive),

2 Permit Summary

For the duration of the licence year, licensees for Geothermal Exploration Licences were:

GEL 297 Inferus Resources Ltd 100%

GEL 300 Inferus Resources Ltd 100%

GEL 301 Inferus Resources Ltd 100%

GEL 302 Inferus Resources Ltd 100%

GEL 462 Inferus Resources Ltd 100%

GEL 463 Inferus Resources Ltd 100%

GEL 465 Inferus Resources Ltd 100%

GEL 466 Inferus Resources Ltd 100%

GEL 467 Inferus Resources Ltd 100%

GEL 468 Inferus Resources Ltd 100%

GEL 469 Inferus Resources Ltd 100%

GEL 470 Inferus Resources Ltd 100%

GEL 471 Inferus Resources Ltd 100%

GEL 472 Inferus Resources Ltd 100%

GEL 473 Inferus Resources Ltd 100%

GEL 474 Inferus Resources Ltd 100%

GEL 475 Inferus Resources Ltd 100%

GEL 476 Inferus Resources Ltd 100%

GEL 477 Inferus Resources Ltd 100%

GEL 478 Inferus Resources Ltd 100%

GEL 479 Inferus Resources Ltd 100%

GEL 480 Inferus Resources Ltd 100%

(Inferus Resources Ltd is a wholly owned subsidiary of Southern Gold Ltd and is managed and operated by Southern Gold.)

Due to difficulties in obtaining necessary financial resources and a shift in company exploration strategies it had been decided to relinquish the entire 22 GEL's

Table 1: *Work commitments by licence year*

Year of Term of Licence	*Minimum Work Requirements*
One	• Geological and geophysical review.
Two	• Geological and Geophysical review. • Temperature probing of historical mineral drill holes. • Thermal conductivity measurements of selected holes. *(to be conducted anywhere within the area covered by GELs 297, 300, 301, 302, 462, 463, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479 and 480)*
Three	• Modelling and interpretation of data. • 100km 2D seismic • Geological and geophysical review. *(to be conducted anywhere within the area covered by GELs 297, 300, 301, 302, 462, 463, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479 and 480)*
Four	• Complete and case 5 fully cored heat flow holes to a depth of 400 – 500m. • Geological and geophysical review. • *(to be conducted anywhere within the area covered by GELs 297, 300, 301, 302, 462, 463, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479 and 480)*
Five	• Temperature probing of core heat flow holes. • Thermal conductivity measurements of core. • Drill 1 well to a depth of 3,000 – 4,000 metres. • Geological and geophysical review. *(to be conducted anywhere within the area covered by GELs 297, 300, 301, 302, 462, 463, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479 and 480)*

Licence Year 2 concluded on 11 August 2010. The following table displays the minimum work program (after all variations) and the actual work completed up until the end of the current licence period.

Licence Year	Minimum Work Program	Actual Work
Year 1 **2009**	*Geological and geophysical review.*	*Geotechnical analysis (thermal conductivity measurements) on core from the two holes* *Modelling and interpretation of Geoscience Australia Seismic Traverse.* *Geothermal resource estimation for GEL 302 resulting from temp logging and modelling drill data.* *[Wireline temperature logging of two deep (approx 900m) mineral holes – under Mining Act 1971, EL 3515]*
Year 2 **2010**	*Geological and geophysical review.*	*Down hole testing for clear historical drill holes throughout geothermal tenements in lieu of further temperature probing.*
	Thermal conductivity measurements of selected holes.	*Wireline temperature logging of 5 Monax exploration holes on GEL 300* *Thermal Conductivity measurements on 65 core specimens.* *Modelling and interpretation of thermal data by HDRPL.*
	Temperature probing of historical mineral drill holes.	*Non Compliant*
Year 3 **2011**	*Modelling and interpretation of data* *100km 2D seismic* *Geological and geophysical review*	
Year 4 **2012**	*Complete and case 5 fully cored heat flow holes to a depth of 400 – 500m.* *Geological and geophysical review*	
Year 5 **2013**	*Temperature probing of core heat flow holes. Thermal conductivity measurements of core.* *Drill 1 well to depth of 3,000 – 4,000metres.* *Geological and geophysical review*	

Table 2: *Final work program and work completed (as of end of current reporting period) of licence year*

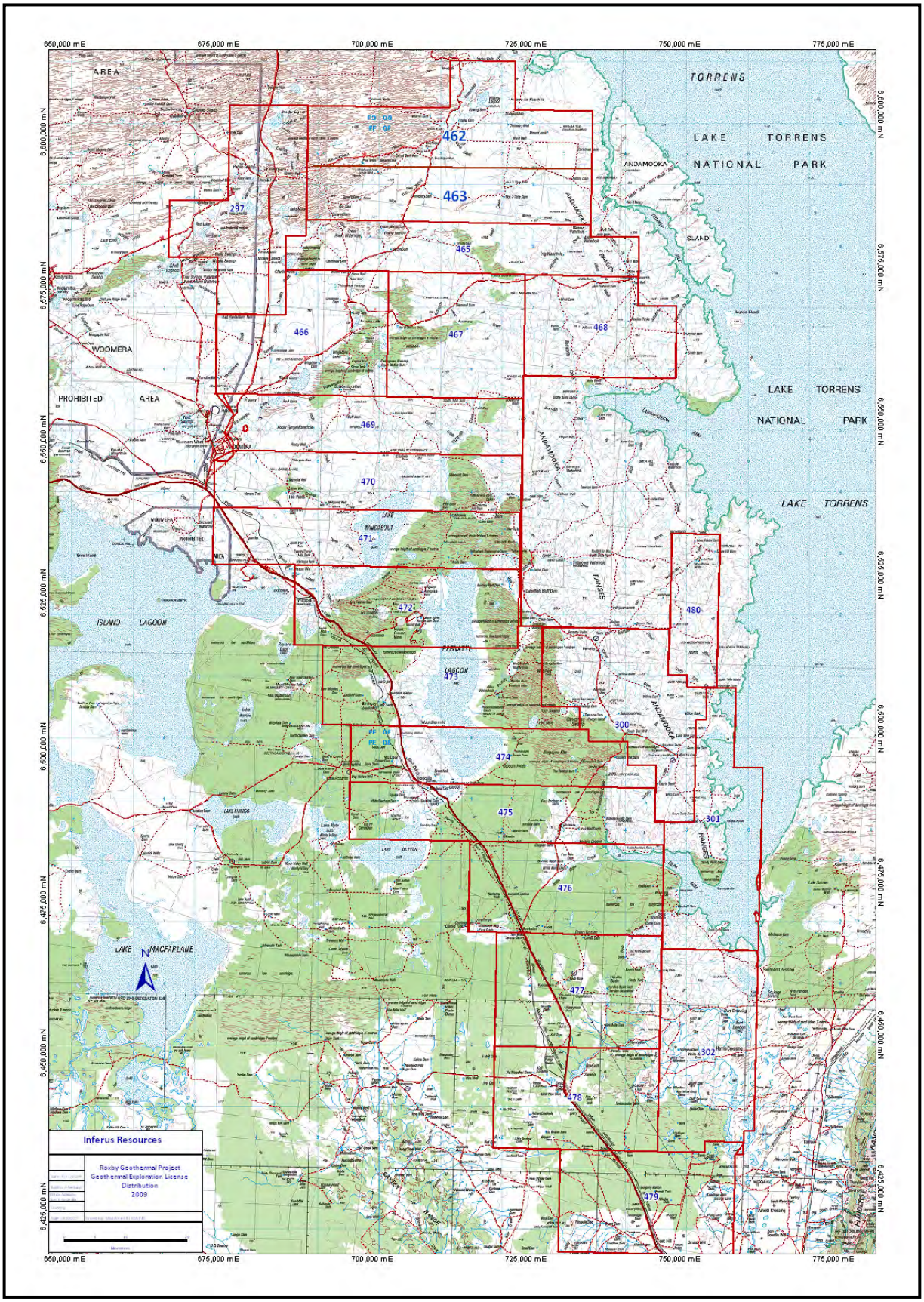


Figure 1: *Location map of GEL's 297, 300, 301, 302 and GEL's 462-463 and 465-480.*

3 Regulated Activities

Drilling and Related Activities

No regulated activities undertaken in the Licence reporting period

Seismic Data Acquisition

No regulated activities undertaken in the Licence reporting period

Seismic Data Processing and Reprocessing

No regulated activities undertaken in the Licence reporting period

Geochemical, Gravity, Magnetic and other Surveys

No regulated activities undertaken in the Licence reporting period

Production and Processing

No regulated activities undertaken in the Licence reporting period

Pipeline/Flowline Construction and Operation

No regulated activities undertaken in the Licence reporting period

Preliminary Survey Activities

In mid May of 2010 a field survey to locate approximately 61 abandoned historical drill holes was undertaken with the objective being to ascertain if any were accessible and unblocked. Those that were could then be precision wireline temperature logged with the resulting data modelled for potential thermal resource enhancement. Of the 61 only 28 were found in the time allocated and of that 28 only 11 were clear to 100m (See Table 7 Appendix 2).

The holes are located within 5 Pastoral Leases distributed along the western margin of Lake Torrens. Consultation with landholders and Mineral Tenement Holders had been carried out in the form of an official notice of entry in accordance with the Petroleum Act.

4 Compliance with the Petroleum Act (Reg. 33)

4.1 Summary of Regulated Activities Conducted in Licence Year 2 - Detailed.

Southern Gold Ltd (SAU parent of Inferus Resources) entered into a geothermal data sharing agreement with Monax Pty Ltd (MOX) whereby SAU would be permitted to temperature log 5-10 of MOX recently drilled mineral exploration holes under the Mining Act at their Punt Hill prospect (GEL 300). This work was undertaken in an attempt to produce a viable a heat-flow anomaly map of the punt hill area and to compare the resultant thermal environment with the existing geothermal heat flow model produced in the first year of tenure (GEL 302).

Inferus Resources commissioned Hot Dry Rocks Pty Ltd (HDRPL) to measure the thermal conductivity of 67 core specimens obtained in October 2009 from MOX. Measurements were made on 65 of the 67 specimens using a steady state divided bar apparatus calibrated for the range 1.4–9.8 W/mK. Up to three samples were prepared from each

specimen to investigate variation in thermal conductivity over short distance scales and to determine mean conductivity and uncertainty. All values were measured at a standard temperature of 25°C. (Final HDRPL report may be viewed in Appendix 3)

Further geothermal data was gathered from a precision temperature scoping study undertaken by Hot Dry Rocks (HDRPL) in February 2010. HDRPL focused on GEL 300 since this permit overlaps Monax Mining Ltds (MOX) EL3457 minerals license where they are exploring for Olympic Dam Style Cu-U-Au. HDRPL utilised MOX's recently drilled bore holes to acquire rock thermal conductivity data and downhole precision temperature data. Seismic line 08GA-A1 runs almost east-west through GEL 302 approximately perpendicular to the structural grain of the Olympic Sub-domain. The boreholes drilled by MOX in GEL 300 are located approximately 45 km along strike to the north of GEL 302; the subject of the earlier Geothermal Resource statement by HDRPL. (Beardsmore, 2009 HDRPL Inferred resource Estimate)

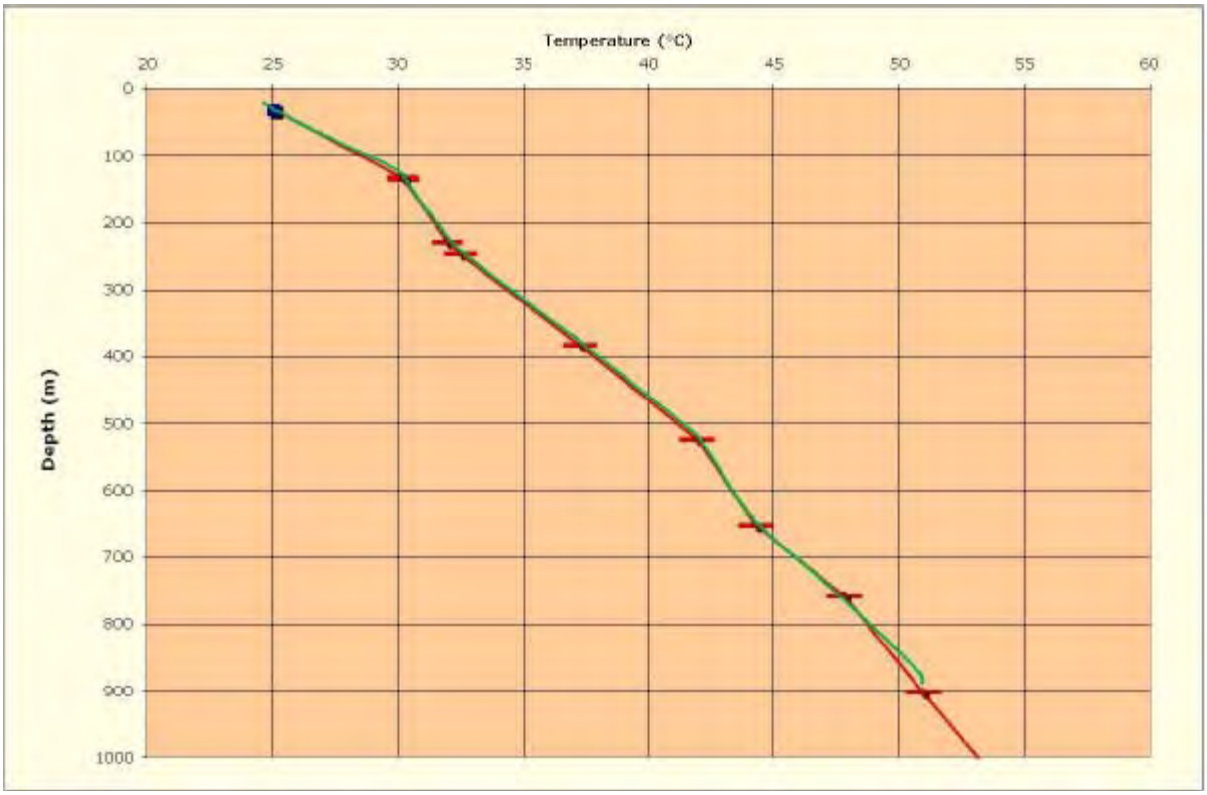
HDRPL conducted two field surveys in November 2009 with intention being to deploy HDRPL's precision temperature logging equipment down each MOX bore holes in GEL 300. The initial survey (2-7 November 2009) was abandoned as the MOX bore holes had been rehabilitated and could not be located by HDRPL. The drill collars had been cut off approximately 45 cm below ground level and had to be uncovered with a backhoe from Pernatty Station.

The second field survey (17-28 November 2009) was more successful. Of the 17 bore holes tested in GEL 300, five remained open to a sufficient depth to undertake precision temperature logging. HDRPL also attempted to gain access to four mineral bores within GEL 301 and GEL 475. However these holes were obstructed within a few metres of ground level.

The heat flows measured in GEL 300 are similar to those recorded in GEL 302 (Beardsmore, 2009). It is therefore possible to draw some preliminary observations. Heat flow in the southern portion of the RGP appears to be elevated relative to the average Australian heat flow in the Global Heat Flow Database. Further work will demonstrate whether this is true. HDRPL incorporated precision temperature data and measured rock thermal conductivity data to construct 1D heat flow models (Figure 2) for each of the five MOX bore holes (Appendix 3 for full report). A summary of the estimated heat flow for each bore hole is shown in Table 3.

HDRPL modelled all thermal data gathered and compared it with that gathered in the 2009 Resource Report at GEL 302 which yielded an energy measurement of 260 K PJ's. By contrast data modelled for GEL 300 in this reporting period produced only 18 K PJ's. The interpreted stratigraphy for this area indicated rock types possessing poor insulative properties. However there appears to be some discrepancy between the interpreted stratigraphy and the established regional nomenclatures. Incorrect stratigraphic identification may have lead to a skewed thermal model; any future geothermal modelling for GEL 300 will require correct stratigraphic confirmation to proceed

Figure 2: *ID heat flow model for WDDD2 bore. The green line represents the precision temperature data; the red line is the predicted temperature for a heat flow of 83±2.o mW/m².*



Bore Hole	Heat Flow (mW/m²)	Uncertainty (mW/m²)
BLDD1	92.0	3.2
MMDD1	87.0	4.8
PDDD2	85.0	3.7
WDDD2	83.0	2.0
WPDD2	85.0	2.4

Table 3: *Heat flow for five MOX bore holes within GEL 300.*

A Notice of Activity was lodged with PIRSA signalling Inferus Resources intention to commence regulated on ground geothermal temperature testing. The Notice of Activity comprised of a two stage approach whereby open drillholes would be initially located and then tested for blockages. Those that were open to at least 100m would be listed for subsequent precision temperature probing by either HDRPL or by Drill Hole Services of the Department of Water, Land, Biodiversity and Conservation. Should any of the surveyed blocked drillholes prove to be ideally placed to improve heat flow data points then a drilling rig would be commissioned to unblock them in a second phase of activity subject to approval.

In mid May of 2010 a field survey was instigated searching for approximately 61 abandoned historical drill holes. The Roxby Geothermal Project comprises GELs 300, 470-474 and 480 on Pernatty, 465-472 and 297 on Arcoona, 465 and 468 on Bosworth/Andamooka Island, 476-479 on Kootaberra/Hesso and 300-301, 474- 476 and 480 on South Gap pastoral stations. Detailed GEL boundaries and drill hole locations may be found in Appendix 3 for the full 61 holes.
The catalogued holes were derived from interrogation of the PIRSA drilling data base for historical diamond drill holes greater than 300m in depth that also had stored core samples. Of the 61 holes identified only 28 were found to be accessible in the time allocated and of that 28 only 11 were clear of blockages to 100m.

The subsequent temperature probing and analysis programs were not carried out due to tenement surrender. Inferus Resources confirms that the full work commitment was not met and a non-compliance has been listed in section 4.2.

4.2 Report for the year on compliance with the Act, these Regulations, the licence and any relevant Statement of Environmental Objectives

Licence Non-Compliance:

1. Inferus Resources did not meet the minimum work program commitment for licence year 2 therefore Inferus Resources lists a non-compliance in this respect

Regulatory Non-Compliance:

Inferus Resources has complied with Section 33 (1) of the Regulations pertaining to the provision of an annual report within two months after the end of the licence year.

2. Failure to submit consultant report data during the year.

4.3 Statement concerning any action to rectify non-compliance with obligations imposed by the Act, these regulations or the license, and to minimise the likelihood of the recurrence of any such non-compliance

1 - This case of non compliance was influenced by the difficulties Inferus Resources faced in obtaining the financial resources necessary for further exploration and development. The resulting shift in company exploration strategies ultimately lead to the relinquishment of the tenements.

2 - Inferus Resources will review its management strategies to ensure that more robust administrative systems are initiated to reduce the likelihood of future oversights.

No.	***Date***	***Activity***	***Details of Non-Compliance***	***Rectification of Non-Compliance***
Item.1		Completion of minimum work program commitments for Year 2	Wireline temperature probing of historical mineral drillholes.	Inferus Resources were unable to obtain the necessary financial resources to continue designated work. The licences were duly relinquished.
Item 2		Submission of consultant report data	Both reports produced by HDRPL were not submitted by the due date	A review of administrative management strategies will be instigated to reduce the likelihood of future oversights

Table 4: *Detailing non-compliance activities and their suggested rectification*

Compliance with Statement of Environmental Objectives

All work completed in the Licence Year 2 involved field work of an extremely low impact and it is considered by Inferus Resources that none of the activities directly affected the environment or infringed on the stated objectives covered in its SEO (Eden Energy, 2006).

Objective	Assessment Criteria	Compliant/Non Compliant (inc. Compliance statement)	Comments
Objective 8 *Avoid or minimise disturbance to stakeholders and/or associated infrastructure*	*No reasonable stakeholder complaints left unresolved*	***Compliant / achieved***	*Landholders and Mineral Tenement Licence Holders were consulted and received formal notification in accordance with Petroleum Act* *Driver speed limits suitable for pastoral conditions were observed.* *All gates were left in the condition in which they were found.*
Objective 7 *Minimise disturbance to native vegetation and native fauna*	*No unnecessary disturbance of native species.* *No unnecessary disturbance of dead plant material.*	***Compliant / achieved***	*Low vehicular speeds were maintained avoiding low visibility and or animal impact.* *All driving was confined to station and old exploration tracks.*

Table 5: *Illustrating compliance to environmental objectives in accordance with nominated SEO (Eden Energy, 2006).*

4.4 Summary of any Management System Audits undertaken during the relevant licence year, including information on any failure or deficiency identified by the audit and any corrective action that has, or will be, taken

Inferus Resources has developed efficient systems and documentation to cover Field Operations, Environmental Management, Health and Safety and compliance issue checklists to ensure the requirements of relevant Acts and Regulations are met.

No Management Systems Audits were conducted during the licence reporting period.

4.5 List of all reports and data relevant to the operation of the Act generated by the license during the relevant licence year

Report and Data Submissions

Reports and Data submitted to PIRSA during the course of the year are as follows:

1. This Annual Report for the second licence year.
2. Thermal conductivity of core samples SAU030-SAU096, May 17 2010, Anson Antriasian; Hot Dry Rocks Pty Ltd
3. Existing State of Knowledge on the Roxby Geothermal Project, South Australia, 16th May 2010, JP Driscoll; Hot Dry Rocks Pty Ltd
4. Lake Torrens Notice of Activity (covered by the SEO developed by Eden Energy, 2006)

Table 6: *List of report and data submissions during current licence reporting period*

Description of Report/Data	**Date Due**	**Submission Date**	**Compliant / Non-Compliant**
Annual Report Licence Year 2, ending 11 August 2010.	11 Oct 2010	9 Oct 2010	compliant
Thermal conductivity of core samples SAU030-SAU096, May 17 2010, Anson Antriasian; Hot Dry Rocks Pty Ltd		9 Oct 2010	Non-Compliant Should have been submitted at time of receipt
Existing State of Knowledge on the Roxby Geothermal Project, South Australia, 16th May 2010, JP Driscoll; Hot Dry Rocks Pty Ltd		9 Oct 2010	Non-Compliant Should have been submitted at time of receipt
Lake Torrens Notice of Activity (covered by the SEO developed by Eden Energy, 2006)		12 April 2010	Compliant

4.6 Report on any Incident reportable tot eh Minister under the Act and Regulations during the relevant Licence Year.

There were no reportable incidents.

4.7 Report on any reasonably foreseeable threats (other than threats previously reported on) that reasonably present, or may present, a hazard to facilities or activities under the licence, and report on any corrective action that has, or will be, taken

Other than O.H. & S., there has been no other systematic critical analysis of processes that relate directly or indirectly to activities or facilities under the licence.

Future Work Program

As Inferus Resources has formally relinquished all 22 GEL's as of the 2nd August 2010, licence year three scheduled work activities will not be realised.

5 Expenditure Statement

Please refer to Appendix 1 for the expenditure statement for the current reporting period.

6 References

Beardsmore, Dr. G. May 2009. GEL 302 Geothermal Play: Statement of Estimated Geothermal Resources. Hot Dry Rocks Pty Ltd.

Eden Energy Ltd, Jan 2006. Statement of Environmental Objectives: Geothermal Exploration Drilling. Eden Energy Ltd.

APPENDIX 1 Expenditure Statement

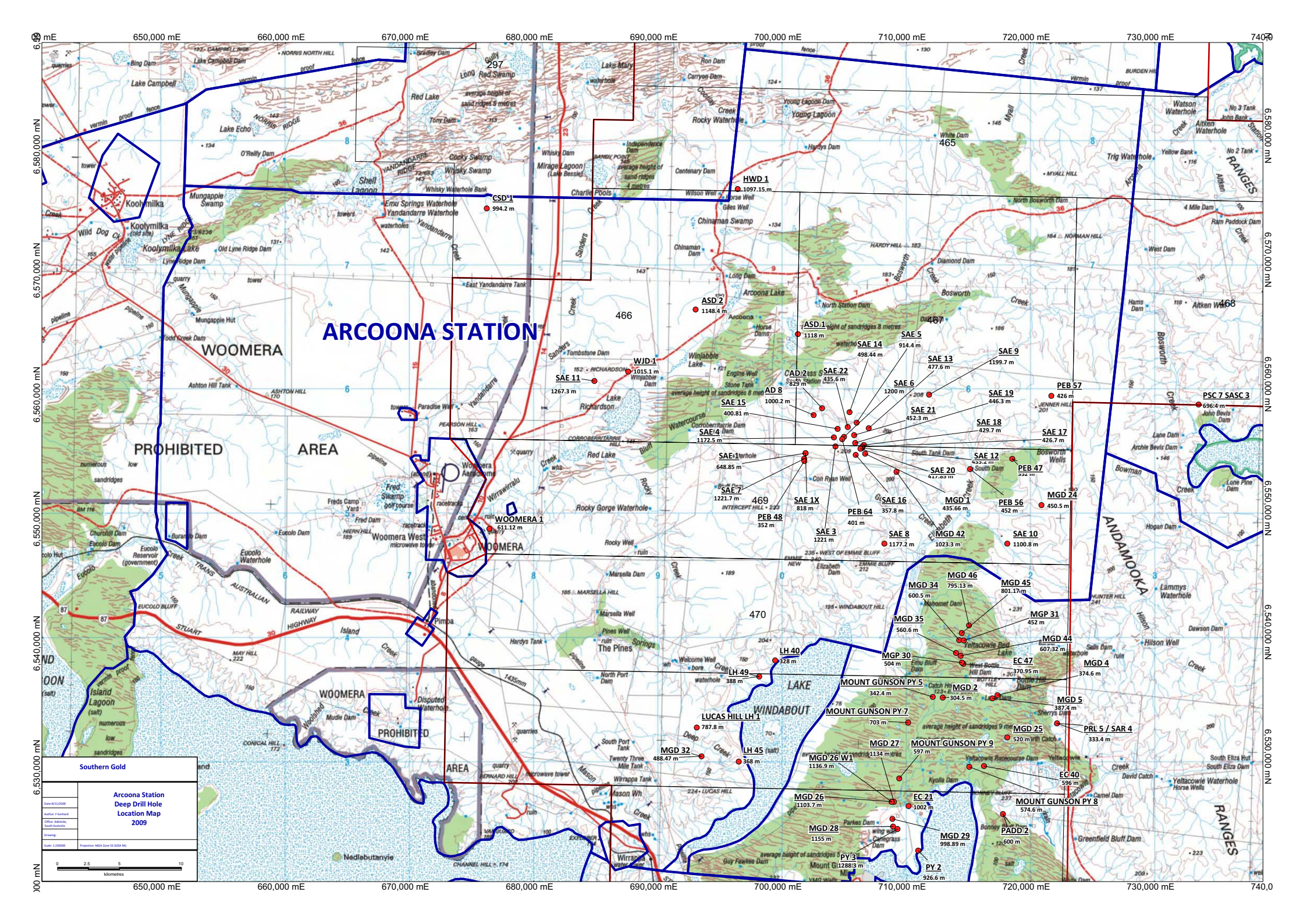
APPENDIX 2 Historical Drill Hole Location Table

DHName	Lease	Map100	Unit No	DHNumber	Map Unit	Final_Easting	Final_Northing	location method	Condition of collar	Tested to (m)	blockage depth (m)	drill hole comments	GIS_Easting
PY 3	EL00951	6335	103	20714	6335-103	708976	6524785	Stand alone GPS SAU May 2010	steel collar, cap removed	4	4		709293
SAE 11	EL01617	6235	80	165125	6235-80	684919	6560727	Stand alone GPS SAU May 2010	steel collar cemented	0	0		684878
SAE 7	EL01617	6335	300	165046	6335-300	701880	6554400	Stand alone GPS SAU May 2010	steel collar cemented	0	0		701778
SAE 3	EL01134	6335	296	165606	6335-296	704266	6555402	Stand alone GPS SAU May 2010	steel casing with steel cap	35	35		704298
SAE 6	EL01617	6335	299	165609	6335-299	704950	6556203	Stand alone GPS SAU May 2010	steel casing with welded cap	n/a	0		704978
SAE 8	EL01617	6335	301	165047	6335-301	708162	6548188	Stand alone GPS SAU May 2010	steel casing	100	n/a	water in hole	708228
HWD 1	EL01316	6336	42	20770	6336-42	695920	6575633	Stand alone GPS SAU May 2010	lock on collar		20	2nd hole 15m NW	696416
WJD 1	EL01316	6235	78	18093	6235-78	687856	6561516	Stand alone GPS SAU May 2010	steel casing	1	1		687597
AD 2	EL01316	6335	115	20726	6335-115	702700	6558680	Stand alone GPS SAU May 2010	steel collar open	39	39	no water	703212
MGD 34	EL03264	6335	341	212208	6335-341	714254	6539800	Stand alone GPS SAU May 2010	steel casing to 50 m then poly			not tested	714250
MGD 35	EL03264	6335	342	212209	6335-342	714000	6538775	Stand alone GPS SAU May 2010	no casing			buried	714000
PN-06-04	EL02979	6334	242	220555	6334-242	724379	6508050	Stand alone GPS SAU May 2010	pvc collar for PN-06-03	100	n/a	water in hole	724379
SAE 21	EL01808	6335	315	165529	6335-315	705836	6556302	Stand alone GPS SAU May 2010	pvc collar with cap	45	45		705798
SAE 12	EL01617	6335	306	165157	6335-306	705891	6555748	Stand alone GPS SAU May 2010	pvc collar with cap	n/a	n/a	not tested-cap glued or	705878
SAE 17	EL01808	6335	317	165448	6335-317	706501	6555314	Stand alone GPS SAU May 2010	pvc casing and cap	115	n/a		706428
SAE 19	EL01808	6335	313	165488	6335-313	706540	6555550	Stand alone GPS SAU May 2010	steel casing and pvc cap	240	n/a		706578
PEB 64	EL01808	6335	310	165444	6335-310	704754	6555970	Stand alone GPS SAU May 2010	pvc collar with cap	100	n/a		704838
LH 40	EL00951	6335	224	139842	6335-224	699483	6538025	Stand alone GPS SAU May 2010	steel collar no cap	100	n/a		699432
MGD 1						706668	6554826	Stand alone GPS SAU May 2010	steel casing	100	n/a	1998 Stuart metals	
no name1						705417	6556645	Stand alone GPS SAU May 2010	steel casing welded colar	n/a	n/a		
PEB 48						701890	6554245	Stand alone GPS SAU May 2010	steel casing welded colar		n/a		
no name2						708120	6548200	Stand alone GPS SAU May 2010	steel casing welded colar		n/a		
ADG 19						714480	6537995	Stand alone GPS SAU May 2010	steel casing open	100	n/a	water in hole	
MGD 48						714400	6539080	Stand alone GPS SAU May 2010	steel casing open	100	n/a	water in hole	
MGD 47						714067	6539446	Stand alone GPS SAU May 2010	steel casing open	20	20		
MGD 45						714460	6540381	Stand alone GPS SAU May 2010	steel casing open	100		angled hole	
PY 7						710174	6533136	Stand alone GPS SAU May 2010	steel casing open	20	20		
MGD 32						693500	6530450	Stand alone GPS SAU May 2010	PVC	100	n/a	angled hole	
ASD 2	EL01316	6335	112	20723	6335-112	693034	6566427	PIRSA GIS dataset				hole not found	693034
AD 8	EL01316	6335	113	20724	6335-113	702535	6557921	PIRSA GIS dataset				hole not found	702535
SAE 1	EL00424	6335	293	165603	6335-293	701878	6554851	PIRSA GIS dataset				hole not found	701878
SAE 1X	EL00424	6335	294	165604	6335-294	701878	6554851	PIRSA GIS dataset				hole not found	701878
LH 45	EL00951	6335	229	139847	6335-229	696499	6530025	PIRSA GIS dataset				hole not found	696499
BEDA BORE		6334	29	20580	6334-29	731389	6458916	PIRSA GIS dataset				hole not found	731389
LH 1												hole not found	

DHName	GIS_Northing	Zone	Elevation	Dip	Azimuth	MaxDepth	Method1	Method2	Core_Lib	Operator	CompDate	Target	Ref_Type1	Reference1
PY 3	6524586	53	0	-80	0	1288.3	Diamond Bit - Coring	Rotary - Percussion	Y	CSR Ltd.	3-Oct-81	Copper	MASTER	ENV06962
SAE 11	6560671	53	0	0	0	1267.3	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	30-Jun-90	Gold; Base Metals; Copper	MASTER	ENV08216
SAE 7	6554401	53	181.9	-90	0	1221.7	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	23-Apr-90	Gold; Base Metals; Copper	MASTER	ENV08216
SAE 3	6555401	53	0	-90	0	1221	Diamond Bit - Coring	Rotary - Percussion	Y	Carpentaria Exploration Co Pty Ltd.	20-Jul-84	Gold; Copper; Uranium	MASTER	ENV06735
SAE 6	6556171	53	176.06	-90	0	1200	Diamond Bit - Coring	Rotary - Percussion	Y	Carpentaria Exploration Co Pty Ltd.	31-Aug-89	Gold; Copper	MASTER	ENV06735
SAE 8	6547571	53	101.43	-90	0	1177.2	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	8-May-90	Gold; Base Metals; Copper	MASTER	ENV08216
HWD 1	6576119	53	0	-90	0	1097.15	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	16-Jun-82	Gold; Copper; Uranium	MASTER	ENV06562
WJD 1	6561435	53	0	-90	0	1015.1	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	28-May-80	Gold; Copper; Uranium	MASTER	ENV06562
AD 2	6558475	53	0	-90	0	829	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	18-Jul-77	Gold; Copper; Uranium	MASTER	ENV06562
MGD 34	6539800	53	89.58	-90	0	600.5	Diamond Bit - Coring		Y	Gunson Resources Ltd.	7-Jan-06	Gold; Copper	MASTER	ENV11206
MGD 35	6538775	53	95	-90	0	560.6	Diamond Bit - Coring		Y	Gunson Resources Ltd.	16-Jan-06	Gold; Copper	MASTER	ENV11206
PN-06-04	6508050	53	71	-90	0	544	Diamond Bit - Coring	Rotary	Y	Red Metal Ltd.	23-Jun-06	Gold; Copper	MASTER	ENV11223
SAE 21	6556301	53	154.61	-90	0	452.3	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-May-95	Gold; Base Metals; Copper	MASTER	ENV08216
SAE 12	6555681	53	0	0	0	446.3	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-Jul-91	Gold; Base Metals; Copper	MASTER	ENV08216
SAE 17	6555271	53	0	0	0	435.2	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	3-Dec-92	Gold; Base Metals; Copper	MASTER	ENV08216
SAE 19	6555511	53	160.6	-90	0	429.7	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-Aug-93	Gold; Base Metals; Copper	MASTER	ENV08216
PEB 64	6555981	53	0	0	0	401	Rotary - Percussion		N	MIM Exploration Pty Ltd.	22-Nov-92	Gold; Base Metals; Copper	MASTER	ENV08216
LH 40	6538171	53	0	0	0	328	Rotary - Percussion		Y	Pacminex Pty Ltd.	31-Mar-84	Copper	MASTER	ENV06962
MGD 1														
no name1														
PEB 48														
no name2														
ADG 19														
MGD 48														
MGD 47														
MGD 45														
PY 7														
MGD 32														
ASD 2	6566427	53	0	-90	0	1148.4	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	4-Mar-84	Gold; Copper; Uranium	MASTER	ENV06562
AD 8	6557921	53	159.87	-90	0	1000.2	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	14-Oct-85	Gold; Copper; Uranium	MASTER	ENV06562
SAE 1	6554851	53	0	0	0	818	Diamond Bit - Coring	Rotary - Percussion	Y	Australian Selection Pty Ltd.	29-Jul-78	Copper	MASTER	ENV03411
SAE 1X	6554851	53	177.08	-80	0	648.85	Diamond Bit - Coring		Y	Australian Selection Pty Ltd.	5-Aug-78	Copper	MASTER	ENV03411
LH 45	6530025	53	0	-90	0	368	Rotary - Percussion		Y	Pacminex Pty Ltd.	6-Apr-84	Copper	MASTER	ENV06962
BEDA BORE	6458916	53	0	0	0	335.13			Y		16-Jan-13	Water		
LH 1														

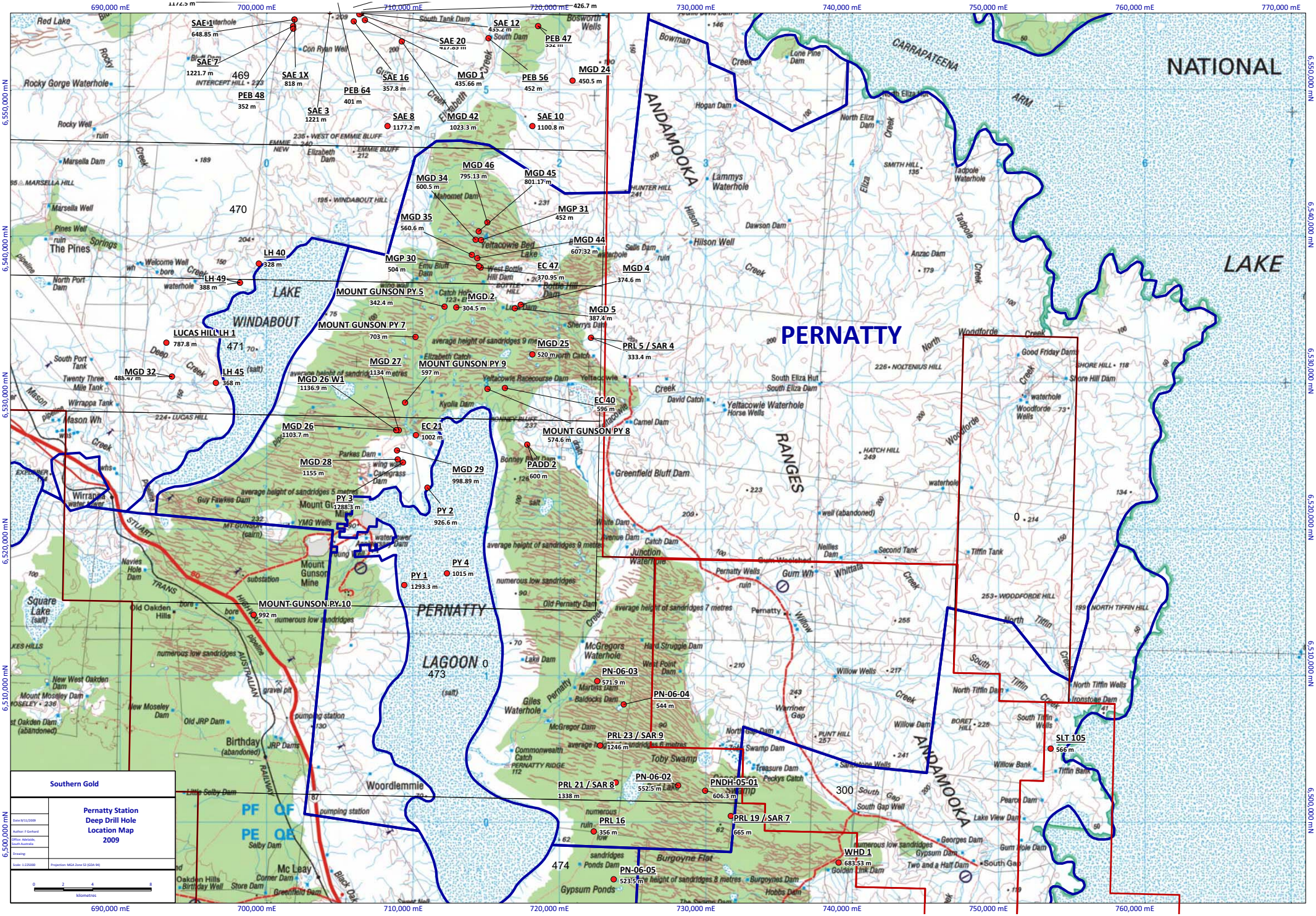
DHName	Ref_Type2	Reference2	Purpose	HQ From_To	NQ From_To	NQ2 From_To	BQ From_To	77/8" Blade	5" Hammer	61/8" Hammer
PY 3	GEOLOG	ENV06962	Mineral Exploration	493.2-781.5m	781.5-1141.5m		1141.5-1288.3m			
SAE 11	GEOLOG	ENV08216	Mineral Exploration		342.2-1263.3m					
SAE 7	GEOLOG	ENV08216	Mineral Exploration		469-1221.7m					
SAE 3	GEOLOG	ENV06735	Mineral Exploration		404-842m		842-1221m			
SAE 6	GEOLOG	ENV06735	Mineral Exploration		309-1200m					
SAE 8	GEOLOG	ENV08216	Mineral Exploration		489-1177.2m					
HWD 1	GEOLOG	ENV06562	Mineral Exploration		280-376m		376-1186.2m			
WJD 1	GEOLOG	ENV06562	Mineral Exploration		300-396.2m		396.2-1015.1m			
AD 2	GEOLOG	ENV06562	Mineral Exploration	341-829m	93-253.2m		236-401m			
MGD 34	GEOLOG	ENV11206	Mineral Exploration			3-600.50m				
MGD 35	GEOLOG	ENV11206	Mineral Exploration			2.80-580.60m				
PN-06-04			Mineral Exploration		300-544m					
SAE 21	GEOLOG	ENV08216	Mineral Exploration	309.65-417.85m						
SAE 12	GEOLOG	ENV08216	Mineral Exploration	318-446.3m						
SAE 17	GEOLOG	ENV08216	Mineral Exploration	315-435.2m						
SAE 19	GEOLOG	ENV08216	Mineral Exploration	312.7-429.7m						
PEB 64	GEOLOG	ENV08216	Mineral Exploration							0-401m
LH 40	GEOLOG	ENV06962	Mineral Exploration					0-18m	0-313.90m	18-328m
MGD 1										
no name1										
PEB 48										
no name2										
ADG 19										
MGD 48										
MGD 47										
MGD 45										
PY 7										
MGD 32										
ASD 2	GEOLOG	ENV06562	Mineral Exploration		250-727.6m		697.90-1148.40m			
AD 8	GEOLOG	ENV06562	Mineral Exploration		304-844m		840-1000.2m			
SAE 1	GEOLOG	ENV02803	Mineral Exploration		222-262.5m		262.5-818m			
SAE 1X	GEOLOG	ENV03411	Mineral Exploration		534-648.85					
LH 45	GEOLOG	ENV06962	Mineral Exploration					0-18m		18-368m
BEDA BORE			Water Well							
LH 1										

APPENDIX 3 Original Historical Drill Hole Location Table & Associated Maps

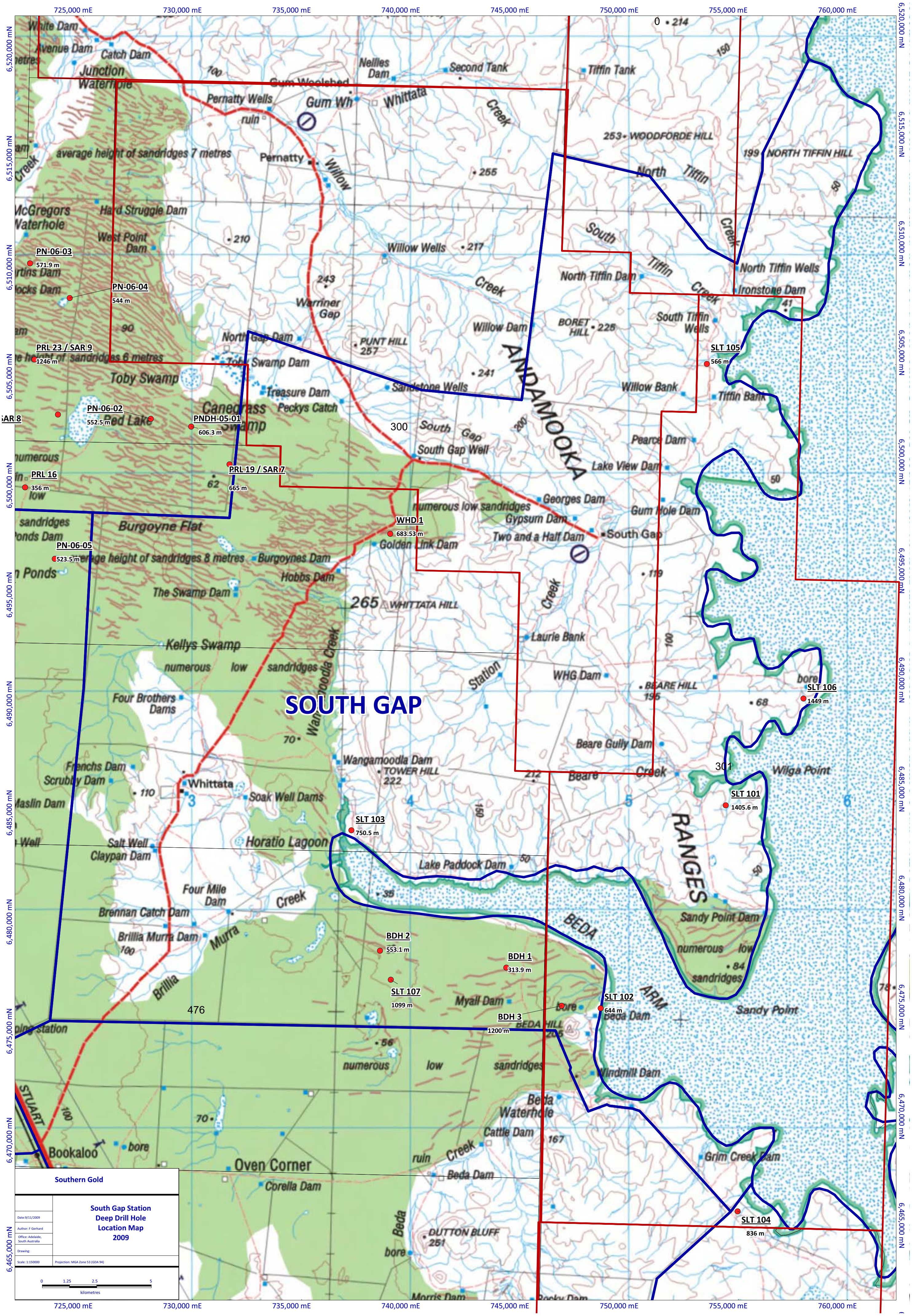

ARCOONA STATION
WOOMERA
PROHIBITED
AREA
ANDAMOOKA
LAKE
WINDABOUT
RANGES
CSD 1
994.2 m
HWD 1
1097.15 m
ASD 2
1148.4 m
ASD 1
1118 m
WJD 1
1015.1 m
SAE 11
1267.3 m
SAE 14
498.44 m
SAE 5
914.4 m
SAE 13
477.6 m
SAE 9
1199.7 m
SAE 22
435.6 m
CAD 2
829 m
AD 8
1000.2 m
SAE 6
1200 m
SAE 19
446.3 m
PEB 57
426 m
PSC 7 SASC 3
696.4 m
SAE 15
400.81 m
SAE 21
452.3 m
SAE 18
429.7 m
SAE 17
426.7 m
SAE 4
1172.5 m
SAE 1
648.85 m
SAE 12
SAE 20
PEB 47
SAE 7
1221.7 m
SAE 1X
818 m
SAE 16
357.8 m
MGD 1
435.66 m
PEB 56
452 m
MGD 24
450.5 m
PEB 48
352 m
PEB 64
401 m
SAE 3
1221 m
SAE 8
1177.2 m
MGD 42
1023.3 m
SAE 10
1100.8 m
WOOMERA 1
611.12 m
MGD 46
795.13 m
MGD 34
600.5 m
MGD 45
801.17m
MGD 35
560.6 m
MGP 31
452 m
MGD 44
607.32 m
LH 40
328 m
MGP 30
504 m
EC 47
370.95 m
MGD 4
374.6 m
LH 49
388 m
MOUNT GUNSON PY 5
342.4 m
MGD 2
304.5 m
MGD 5
387.4 m
LUCAS HILL LH 1
787.8 m
MOUNT GUNSON PY 7
703 m
MGD 25
520 m
PRL 5 / SAR 4
333.4 m
MGD 32
488.47 m
LH 45 (salt)
368 m
MGD 27
1134 m
MOUNT GUNSON PY 9
597 m
MGD 26 W1
1136.9 m
EC 40
596 m
MGD 26
1103.7 m
EC 21
1002 m
MOUNT GUNSON PY 8
574.6 m
MGD 28
1155 m
MGD 29
998.89 m
PADD 2
600 m
PY 3
1288.3 m
PY 2
926.6 m
465
466
467
468
469
470
297
Southern Gold
Arcoona Station
Deep Drill Hole
Location Map
2009
kilometres
650,000 mE
660,000 mE
670,000 mE
680,000 mE
690,000 mE
700,000 mE
710,000 mE
720,000 mE
730,000 mE
740,0
6,580,000 mN
6,570,000 mN
6,560,000 mN
6,550,000 mN
6,540,000 mN
6,530,000 mN

720,000 mE
730,000 mE
740,000 mE
750,000 mE
760,000 mE
6,610,000 mN
6,600,000 mN
6,590,000 mN
6,580,000 mN
6,570,000 mN
6,560,000 mN
6,550,000 mN
ANDAMOOKA ISLAND
BOSWORTH
TORRENS
(salt)
LAKE
NATIONAL
ANDAMOOKA
ISLAND
TRIMMER
INLET
CARRAPATEENA
ARM
Murdie Island
WLD 1
445.5 m
SAE 9
1199.7 m
SAE 19
446.3 m
PEB 57
426 m
SAE 17
426.7 m
PEB 47
PSC 7 SASC 3
696.4 m
Big Bank
RANGES
Wilaroo Lagoon
Andamooka Waterhole
Stonewall Dam
Centenary Well
Pintara Bank
PINTARA PILE (position doubtful)
Myall Well
Christmas Bank
Burden Hill Dam
Netting Dam
Island Dam
RED SANDHILL
Nick O Time Well
Nick O Time Dam
No 4 Tank
Crombie Ridge
BURDEN HILL
vermin proof fence follows track
Watson Waterhole
No 3 Tank
John Bank
Aitken Waterhole
Station Ck
Trig Waterhole
Yellow Bank
No 2 Tank
No 1 Tank
MYALL HILL
Glyn Well
bores
Bosworth
Top Well
North Bosworth Dam
4 Mile Dam
Ram Paddock Dam
NORMAN HILL
West Dam
T1/695
Jim Tank
Pipeline Tanks
Sketching
Nicholes Ck
Hams Dam
Aitken Well
Crystal Dam
Smith Dam
CARRAPATEENA HILL
JENNER HILL
John Bevis Dam
Lane Dam
Archie Bevis Dam
Bosworth Wells
Bowman Creek
Lone Pine Dam
North Eliza Hut
North Eliza Dam
Hogan Dam
Southern Gold
Bosworth
Andamooka Island
Deep Drill Hole
Location Map
2009
Date:9/11/2009
Author: F Gerhard
Office: Adelaide, South Australia
Drawing:
Scale: 1:175000
Projection: MGA Zone 53 (GDA 94)
kilometres


KOOTABERRA
HESSO
BDH 2
553.1 m
BDH 1
313.9 m
SLT 107
1099 m
BDH 3
1200 m
SLT 102
644 m
SLT 104
836 m
BEDA BORE
335.13 m
LTDD02A
569.6 m
PBD 1-7
803.2 m
TR 4
401.25 m
Brennan Catch Dam
Brillia Murra Dam
Murra Murra Creek
Brillia Creek
Narkanna Wells
pumping station
Myall Dam
Beda Dam
Windmill Dam
Beda Waterhole
Cattle Dam
Grim Creek
Charlinga
Unfinished Dam
Ford Catch
Bookaloo
Two Mile Swamp Dam
Oven Corner
Corella Dam
Beda Bore
Kootaberra
Joyce Well
Kootaberra Dam
DUTTON BLUFF
Morris Dam
Rocky Dam
Hardies Basin
Fleets Tank
Hardies Basin Dam
Hardies Basin Well
Tansell Dam
Honeymoon Dam
Roary Dam
Fleet Dam
FLEET HILL
Nine Mile Tank
NOB HILL
tower (71m)
BM132
Kell Dam
Yarraty Dam
Yarraty Tanks
average height of sand ridges
10 metres
Wiritgina Dam
White Elephant Dam
New Four Mile Dam
Hesso Pump Station
Brackish Swamp
Kell Swamp
Old Woolshed Dams
G W R Dam
Ives Dam
Hesso Outstation
Denis Leap Dams
Crab Hole Dam
WALTOO WALPOO HILL
No 1 Dam
No 2 Dam
Robert Crabhole Dam
Swamp Dam
RED HILL
Big Broken Dam
Square Dam
Little Swamp Dam
Red Dam
Caldwell Dam
Pinnacle Dam
Scrub Dam
Bluff Dam
Peter Dam
Fresh Water Dam
Fresh Water Well
Five Mile Tank
Ambassador Dam
URO BLUFF
Four Mile Dam
BLUFF POINT
Nor West Bank Dams
Ono Mile Dam
Salt Swamp
Baker Dam
Whitings Dam
Salt Creek Dam
Sandy Creek Springs
Price Tank
French Tank
Mosley Dam
Nantilla
Nantilla Dam
Deadman Bore
Moonlight
Mosleys
White Cliffs
Sandy Point Dam
numerous low sandridges
Woomera Port Augusta Pipeline (water)
AUSTRALIAN RLY
STUART HIGHWAY
TRANS
gauge 1435mm
476
478
479
302
Southern Gold
Kootaberra & Hesso Stations
Deep Drill Hole
Location Map
2009
kilometres


690,000 mE
700,000 mE
710,000 mE
720,000 mE
730,000 mE
740,000 mE
750,000 mE
760,000 mE
770,000 mE
6,550,000 mN
6,540,000 mN
6,530,000 mN
6,520,000 mN
6,510,000 mN
6,500,000 mN
PERNATTY
LAKE WINDABOUT
LAGOON
ANDAMOOKA RANGES
NATIONAL
CARRAPATEENA ARM
SAE1 648.85 m
SAE 7 1221.7 m
SAE 1X 818 m
SAE 3 1221 m
PEB 64 401 m
PEB 48 352 m
SAE 16 357.8 m
SAE 8 1177.2 m
SAE 20
SAE 12 435.2 m
PEB 47
MGD 1 435.66 m
MGD 42 1023.3 m
PEB 56 452 m
SAE 10 1100.8 m
MGD 24 450.5 m
MGD 46 795.13 m
MGD 34 600.5 m
MGD 45 801.17 m
MGP 31 452 m
MGD 35 560.6 m
MGD 44 607.32 m
MGP 30 504 m
EC 47 370.95 m
MGD 4 374.6 m
LH 40 328 m
LH 49 388 m
MOUNT GUNSON PY 5 342.4 m
MGD 2 304.5 m
MGD 5 387.4 m
MOUNT GUNSON PY 7 703 m
LUCAS HILL LH 1 787.8 m
MGD 25 520 m
PRL 5 / SAR 4 333.4 m
MGD 27 1134 m
MOUNT GUNSON PY 9 597 m
MGD 32 488.47 m
LH 45 368 m
MGD 26 W1 1136.9 m
EC 40 596 m
MGD 26 1103.7 m
EC 21 1002 m
MOUNT GUNSON PY 8 574.6 m
PADD 2 600 m
MGD 28 1155 m
MGD 29 998.89 m
PY 3 1288.3 m
PY 2 926.6 m
PY 4 1015 m
PY 1 1293.3 m
MOUNT GUNSON PY 10 992 m
PN-06-03 571.9 m
PN-06-04 544 m
PRL 23 / SAR 9 1246 m
PN-06-02 552.5 m
PNDH-05-01 606.3 m
PRL 21 / SAR 8 1338 m
PRL 16 356 m
PRL 19 / SAR 7 665 m
WHD 1 683.53 m
PN-06-05 523.5 m
SLT 105 566 m
Southern Gold
Pernatty Station
Deep Drill Hole
Location Map
2009
kilometres

DHName	Lease	Map10	Unit	DHNumber	Map Unit	Easting	Northing	Zone	Elevation	Dip	Azi	MaxDepth	Method1	Method2	Core_Lib	Operator	CompDate	Purpose	Casing	From_To	HQ From_To	NQ From_To	NQ2 From_To	BQ From_To	77/8" Blade	5" Hammer	61/8" Hammer
SLT 106	EL00582	6434	38	25363	6434-38	757985	6489694	53	0	-90	0	1449	Diamond Bit - Coring		Y	Aquitaine Australia Minerals Pty Ltd.	1-Mar-81	Mineral Exploration	NW	0-7m		7-109.5m		109.5-1449m			
SLT 101	EL00582	6434	35	25360	6434-35	754424	6484800	53	0	-90	0	1405.6	Diamond Bit - Coring	Rotary - Percussion	Y	Aquitaine Australia Minerals Pty Ltd.	14-Dec-77	Mineral Exploration	6" steel	0-23.8m		106.7-145m		145-1199m			
PRL 21 / SAR 8	EL00389	6334	59	20610	6334-59	723834	6502711	53	0	0	0	1338	Diamond Bit - Coring	Rotary - Percussion	Y	Australian Selection Pty Ltd.	29-May-81	Mineral Exploration	6" steel	0-52m		364-770m		770-1338m			
PY 1	EL00543	6335	101	20712	6335-101	709374	6516207	53	0	-90	0	1293.3	Diamond Bit - Coring		Y	CSR Ltd.	20-Mar-81	Mineral Exploration			3.3-78m	78-1293m					
PY 3	EL00951	6335	103	20714	6335-103	709293	6524586	53	0	-80	0	1288.3	Diamond Bit - Coring	Rotary - Percussion	Y	CSR Ltd.	3-Oct-81	Mineral Exploration			493.2-781.5m	781.5-1141.5m		1141.5-1288.3m			
SAE 11	EL01617	6235	80	165125	6235-80	684878	6560671	53	0	0	0	1267.3	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	30-Jun-90	Mineral Exploration				342.2-1263.3m					
PRL 23 / SAR 9	EL00389	6334	60	20611	6334-60	722765	6505235	53	0	-90	0	1246	Diamond Bit - Coring	Rotary - Percussion	Y	Australian Selection Pty Ltd.	1-Mar-82	Mineral Exploration				303-1246m					
SAE 7	EL01617	6335	300	165046	6335-300	701778	6554401	53	182	-90	0	1221.7	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	23-Apr-90	Mineral Exploration				469-1221.7m					
SAE 3	EL01134	6335	296	165606	6335-296	704298	6555401	53	0	-90	0	1221	Diamond Bit - Coring	Rotary - Percussion	Y	Carpentaria Exploration Co Pty Ltd.	20-Jul-84	Mineral Exploration				404-842m		842-1221m			
BDH 3	EL00206	6434	31	25356	6434-31	746905	6475615	53	0	0	0	1200	Diamond Bit - Coring	Rotary - Percussion	Y	Delhi International Oil Corporation.	1-Dec-80	Mineral Exploration	6"	0-32.3m	126-297.3m	297-525m		525-1200m			
SAE 6	EL01617	6335	299	165609	6335-299	704978	6556171	53	176	-90	0	1200	Diamond Bit - Coring	Rotary - Percussion	Y	Carpentaria Exploration Co Pty Ltd.	31-Aug-89	Mineral Exploration				309-1200m					
SAE 9	EL01617	6335	302	165070	6335-302	711828	6559571	53	149	-90	0	1199.7	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	19-May-90	Mineral Exploration				600.5-1199.7m					
DRD 1	EL01316	6336	41	20769	6336-41	708078	6592271	53	0	-90	0	1192	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	1-Jun-80	Mineral Exploration				322.7-677.1m		677.1-1192m			
SAE 8	EL01617	6335	301	165047	6335-301	708228	6547571	53	101	-90	0	1177.2	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	8-May-90	Mineral Exploration				489-1177.2m					
SAE 4	EL01393	6335	297	165607	6335-297	704168	6556131	53	178	-90	0	1172.5	Diamond Bit - Coring	Rotary - Percussion	Y	Carpentaria Exploration Co Pty Ltd.	7-Dec-87	Mineral Exploration			242-250m	250-1172.5m					
ASD 2	EL01316	6335	112	20723	6335-112	693034	6566427	53	0	-90	0	1148.4	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	4-Mar-84	Mineral Exploration				250-727.6m		697.90-1148.40m			
ASD 1	EL01316	6335	111	20722	6335-111	701269	6564443	53	0	0	0	1118	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	7-Jul-81	Mineral Exploration				110.2-712m		712-1116.8m			
SAE 10	EL01617	6335	303	165071	6335-303	718128	6547571	53	0	0	0	1100.8	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	30-Jun-90	Mineral Exploration				552.6-1100.18					
SLT 107	EL00582	6434	32	25357	6434-32	739082	6476809	53	0	-90	0	1099	Diamond Bit - Coring	Rotary	Y	Delhi Petroleum Pty Ltd.	23-Jan-81	Mineral Exploration	HQ Steel	0-20m		20.2-45m		45-1099m			
HWD 1	EL01316	6336	42	20770	6336-42	696416	6576119	53	0	-90	0	1097.15	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	16-Jun-82	Mineral Exploration				280-376m		376-1186.2m			
WJD 1	EL01316	6235	78	18093	6235-78	687597	6561435	53	0	-90	0	1015.1	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	28-May-80	Mineral Exploration				300-396.2m		396.2-1015.1m			
PY 4	EL00951	6335	104	20715	6335-104	712291	6517007	53	0	0	0	1015	Diamond Bit - Coring	Rotary - Percussion	Y	CSR Ltd.	17-Jan-83	Mineral Exploration	HW	0-9m	9-174m	174-1015m					
AD 8	EL01316	6335	113	20724	6335-113	702535	6557921	53	160	-90	0	1000.2	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	14-Oct-85	Mineral Exploration				304-844m		840-1000.2m			
CSD 1	EL01316	6236	66	18159	6236-66	676204	6574572	53	0	-90	0	994.2	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	21-Aug-80	Mineral Exploration				217.2-733m		733-994.2m			
PY 2	EL00543	6335	102	20713	6335-102	710953	6522859	53	0	0	0	926.6	Diamond Bit - Coring		Y	CSR Ltd.	7-Jun-81	Mineral Exploration			0-87m	87-785.88m		785.88-926.6m			
SAE 5	EL01393	6335	298	165608	6335-298	705998	6557311	53	157	-90	0	914.4	Diamond Bit - Coring	Rotary - Percussion	Y	Carpentaria Exploration Co Pty Ltd.	21-Jul-88	Mineral Exploration				341.3-914.4m					
AD 2	EL01316	6335	115	20726	6335-115	703212	6558475	53	0	-90	0	829	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	18-Jul-77	Mineral Exploration			341-829m	93-253.2m		236-401m			
SAE 1	EL00424	6335	293	165603	6335-293	701878	6554851	53	0	0	0	818	Diamond Bit - Coring	Rotary - Percussion	Y	Australian Selection Pty Ltd.	29-Jul-78	Mineral Exploration				222-262.5m		262.5-818m			
PBD 1 / SABD 1	EL01174	6433	463	147219	6433-463	754879	6439521	53	0	-90	0	803.2	Diamond Bit - Coring	Rotary - Percussion	Y	Carpentaria Exploration Co Pty Ltd.	20-Jul-85	Mineral Exploration				302-803.2m					
PSC 7 SASC 3	EL00261	6335	135	139595	6335-135	733528	6558771	53	0	0	0	696.4	Diamond Bit - Coring	Rotary - Percussion	Y	Australian Selection Pty Ltd.	15-Oct-77	Mineral Exploration						125-437m			
WHD 1	EL01316	6434	34	25359	6434-34	739059	6497242	53	0	-90	0	683.53	Diamond Bit - Coring	Rotary - Percussion	Y	Western Mining Corporation Ltd.	8-May-78	Mineral Exploration				103.5-192m		192-683.5m			
PRL 19 / SAR 7	EL00389	6334	58	20609	6334-58	731696	6500425	53	0	-90	0	665	Diamond Bit - Coring	Rotary - Percussion	Y	Australian Selection Pty Ltd.	3-Jun-79	Mineral Exploration				388-665m					
SAE 1X	EL00424	6335	294	165604	6335-294	701878	6554851	53	177	-80	0	648.85	Diamond Bit - Coring		Y	Australian Selection Pty Ltd.	5-Aug-78	Mineral Exploration				534-648.85					
MGD 34	EL03264	6335	341	212208	6335-341	714250	6539800	53	89.6	-90	0	600.5	Diamond Bit - Coring		Y	Gunson Resources Ltd.	7-Jan-06	Mineral Exploration					3-600.50m				
PN-06-03	EL02979	6334	241	220554	6334-241	722560	6509640	53	83	-90	0	571.9	Diamond Bit - Coring	Rotary	Y	Red Metal Ltd.	18-Jun-06	Mineral Exploration				276-571.90m					
MGD 35	EL03264	6335	342	212209	6335-342	714000	6538775	53	95	-90	0	560.6	Diamond Bit - Coring		Y	Gunson Resources Ltd.	16-Jan-06	Mineral Exploration					2.80-580.60m				
BDH 2	EL00206	6434	30	25355	6434-30	738588	6478140	53	0	-90	0	553.1	Diamond Bit - Coring	Rotary - Percussion	Y	Delhi International Oil Corporation.	4-Jul-77	Mineral Exploration	6"	24m	190.25-553.10m						
PN-06-02	EL02979	6334	240	220553	6334-240	728089	6502513	53	87	-90	0	552.5	Diamond Bit - Coring	Rotary	Y	Red Metal Ltd.	8-Jun-06	Mineral Exploration				282-552.5m					
PN-06-04	EL02979	6334	242	220555	6334-242	724379	6508050	53	71	-90	0	544	Diamond Bit - Coring	Rotary	Y	Red Metal Ltd.	23-Jun-06	Mineral Exploration				300-544m					
PN-06-05	EL02979	6334	243	220556	6334-243	723692	6496098	53	60	-90	0	523.5	Diamond Bit - Coring	Rotary	Y	Red Metal Ltd.	29-Jun-06	Mineral Exploration				354-523.5m					
MGD 25	EL02639	6335	319	183610	6335-319	718128	6531971	53	0	-90	0	520			Y	Gunson Resources Ltd.	12-Jun-00	Mineral Exploration				237-520m					
SAE 14	EL01617	6335	308	165370	6335-308	705428	6558161	53	0	0	0	498.44	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	30-Sep-91	Mineral Exploration			289.3-498.44m						
SAE 13	EL01617	6335	307	165368	6335-307	706968	6556871	53	0	0	0	477.6	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-Aug-91	Mineral Exploration			322-477.6m						
SAE 21	EL01808	6335	315	165529	6335-315	705798	6556301	53	155	-90	0	452.3	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-May-95	Mineral Exploration			309.65-417.85m						
PEB 56	EL01617	6335	304	165155	6335-304	715128	6553571	53	0	0	0	452	Rotary - Percussion		Y	MIM Exploration Pty Ltd.	30-May-90	Mineral Exploration									0-452m
MGD 24	EL02516	6335	318	183609	6335-318	720878	6550672	53	0	-90	0	450.5			Y	Gunson Resources Ltd.	30-May-00	Mineral Exploration				198-450.50m					
SAE 12	EL01617	6335	306	165157	6335-306	705878	6555681	53	0	0	0	446.3	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-Jul-91	Mineral Exploration			318-446.3m						
SAE 22	EL01808	6335	316	165530	6335-316	705278	6556961	53	151	-90	0	435.6	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-May-95	Mineral Exploration			306-435.6m						
SAE 17	EL01808	6335	317	165448	6335-317	706428	6555271	53	0	0	0	435.2	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	3-Dec-92	Mineral Exploration			315-435.2m						
SAE 19	EL01808	6335	313	165488	6335-313	706578	6555511	53	161	-90	0	429.7	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-Aug-93	Mineral Exploration			312.7-429.7m						
SAE 18	EL01808	6335	312	165487	6335-312	706438	6555361	53	0	0	0	426.7	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-Aug-93	Mineral Exploration			317.85-416.85m						
PEB 57	EL01617	6335	305	165156	6335-305	721678	6559471	53	179	-90	0	426	Rotary - Percussion		Y	MIM Exploration Pty Ltd.	6-Jun-90	Mineral Exploration									0-426m
SAE 20	EL01808	6335	314	165489	6335-314	706308	6555211	53	162	-90	0	417.85	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	31-Aug-93	Mineral Exploration			302.65-417.85m						
TR 4	EL00654	6333	278	136944	6333-278	733549	6424771	53	0	0	0	401.25	Diamond Bit - Coring		Y	Dampier Mining Co Ltd.	26-Apr-81	Mineral Exploration				45-132m		132-401m			
PEB 64	EL01808	6335	310	165444	6335-310	704838	6555981	53	0	0	0	401	Rotary - Percussion		N	MIM Exploration Pty Ltd.	22-Nov-92	Mineral Exploration									0-401m
SAE 15	EL01617	6335	309	165372	6335-309	704458	6556811	53	0	0	0	400.81	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	30-Sep-91	Mineral Exploration			311.25-400.81m						
LH 49	EL00951	6335	233	139851	6335-233	698155	6536868	53	0	0	0	388	Rotary - Percussion		N	Pacminex Pty Ltd.	11-Apr-84	Mineral Exploration							0-18m		18-388m
LH 45	EL00951	6335	229	139847	6335-229	696499	6530025	53	0	-90	0	368	Rotary - Percussion		Y	Pacminex Pty Ltd.	6-Apr-84	Mineral Exploration							0-18m		18-368m
SAE 16	EL01808	6335	311	165447	6335-311	705928	6554721	53	0	0	0	357.8	Diamond Bit - Coring	Rotary - Percussion	Y	MIM Exploration Pty Ltd.	27-Nov-92	Mineral Exploration			342.7-357.80m						
LH 40	EL00951	6335	224	139842	6335-224	699432	6538171	53	0	0	0	328	Rotary - Percussion		Y	Pacminex Pty Ltd.	31-Mar-84	Mineral Exploration							0-18m	0-313.90m	18-328m
BDH 1	EL00206	6434	29	25354	6434-29	744369	6477362	53	0	0	0	313.9	Rotary - Percussion		Y	Delhi International Oil Corporation.	5-Jun-77	Mineral Exploration;Strat	6"	0-90.8m							



SOUTH GAP
Southern Gold
South Gap Station
Deep Drill Hole
Location Map
2009
Date:9/11/2009
Author: F Gerhard
Office: Adelaide, South Australia
Drawing:
Scale: 1:150000
Projection: MGA Zone 53 (GDA 94)
0 1.25 2.5 5
kilometres
725,000 mE
730,000 mE
735,000 mE
740,000 mE
745,000 mE
750,000 mE
755,000 mE
760,000 mE
6,520,000 mN
6,515,000 mN
6,510,000 mN
6,505,000 mN
6,500,000 mN
6,495,000 mN
6,490,000 mN
6,485,000 mN
6,480,000 mN
6,475,000 mN
6,470,000 mN
6,465,000 mN
PN-06-03
571.9 m
PN-06-04
544 m
PRL 23 / SAR 9
1246 m
PN-06-02
552.5 m
PNDH-05-01
606.3 m
PRL 19 / SAR 7
665 m
PRL 16
356 m
PN-06-05
523.5 m
WHD 1
683.53 m
SLT 105
566 m
SLT 106
1449 m
SLT 101
1405.6 m
SLT 103
750.5 m
BDH 2
553.1 m
BDH 1
313.9 m
SLT 107
1099 m
SLT 102
644 m
BDH 3
1200 m
SLT 104
836 m
300
301
476
ANDAMOOKA
RANGES
BEDA ARM
Toby Swamp
Canegrass Swamp
Red Lake
Burgoyne Flat
Kellys Swamp
Horatio Lagoon
Whittata
Pernatty
South Gap
Bookaloo
Oven Corner
Sandy Point
Wilga Point
265 WHITTATA HILL
253 WOODFORDE HILL
199 NORTH TIFFIN HILL
DUTTON BLUFF 251

APPENDIX 4 Consultant Reports /Activity Notification