



**PHASE 1 ENVIRONMENTAL SITE  
ASSESSMENT - DESKTOP STUDY  
WARATAH COAL - GALILEE COAL  
PROJECT  
QUEENSLAND**

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## ABBREVIATIONS

AHD	Australian Height Datum
CLR	Contaminated Land Register
DEHP	Department of Environment and Heritage Protection
EMR	Environmental Management Register
ESA	Environmental Site Assessment

## EXECUTIVE SUMMARY

Waratah Coal (herein referred to as the “client”) commissioned Coffey Environments Australia Pty Ltd (Coffey Environments) to undertake a supplementary Phase 1 Environmental Site Assessment (ESA) Desktop Study of the properties directly affected by the proposed mine lease area and railway corridor of the Galilee Coal Project.

Available information indicates that a total of 62 properties, stretching approximately 500km from Capricorn highway (west of Alpha) heading northeast to the Abbot Point multi cargo facility, are directly affected by the proposed mine and railway line. For ease of reference for this investigation, the 62 properties were divided into three groups (based on local government area) and classified as Mining Lease Area, Southern Rail Corridor and Northern Rail Corridor.

The scope of works undertaken for this desktop Phase 1 ESA involved the completion of Environmental Management Register (EMR) / Contaminated Land Register (CLR) searches for all 62 properties, and in the event that a property was listed on the EMR/CLR then a complete desktop Phase 1 Preliminary Site Assessment was conducted for the identified property. The complete desktop Phase 1 investigations involved:

- A review of existing relevant information and reports provided by Waratah Coal;
- A review of current and historical titles dating back to the deed of grant for each of the subject properties to assess property reconfigurations and registered owners;
- A search of current licences and notices (i.e. hazardous material storage, trade waste etc.);
- A review of the QLD DEHP Regional Ecosystem Map Version 6.1(DEHP, 2012a), to determine site proximity to sensitive receptors;
- A search with the QLD DEHP for the presence of any groundwater bores, within 1.0 km of the site; and
- A search of any publicly available topographical, geological and hydrogeological information.

Based on the results of this Desktop Phase 1 ESA, Coffey Environments concludes the following.

- None of the 17 properties within the mine lease area are listed on the EMR/CLR.
- One property in the Southern Rail Corridor (Lot 5 RU81) was listed on the EMR for the notifiable activities of operating a livestock dip or spray race facility and storing petroleum products or oil.
- Three properties in the Northern Rail Corridor (Lot 1 SB279, Lot 5088 SM101 and Lot 618 PH2106) were listed on the EMR for the notifiable activities of operating a livestock dip or spray race facility and /or storing petroleum products or oil.
- All four properties identified on the EMR contained areas of ‘Endangered’ regional ecosystems and ecosystems considered to be ‘of concern’.

Coffey Environments recommends that site walkover and physical inspections be undertaken on the four properties identified on the EMR, to determine:

- confirmation of current site layout and uses of the property, including the location of the identified notifiable activities;
- general description of current and/or previous site operations;
- identification of current and historical (where possible) uses of adjoining properties and potentially sensitive receptors nearby;

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- check validity of publicly available information (as previously described);
- general description of structures, storage facilities, disposal areas etc;
- check for visual signs of ground contamination;
- details and locations of current and former underground services;
- discharges to land, water and air; and
- local site knowledge, through the collection of information from interviews of current and former owners or occupiers, and/or employees.
- preliminary soil sampling as deemed necessary

The site inspection and walkover of the properties would enable a qualitative risk assessment of the properties to be completed, and preliminary characterisation of site contamination to determine if additional contamination management or assessment works are required at the properties.

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## **1 INTRODUCTION**

Waratah Coal (herein referred to as the “client”) commissioned Coffey Environments Australia Pty Ltd (Coffey Environments) to undertake a supplementary Phase 1 Environmental Site Assessment (ESA) Desktop Study of the properties directly affected by the proposed mine lease area and railway corridor of the Galilee Coal Project (herein referred to as “the project”).

Available information indicates that a total of 62 properties, stretching approximately 500km from Capricorn Highway (west of Alpha) heading northeast to the Abbot Point multi cargo facility, are directly affected by the proposed mine and railway line. For ease of reference for this investigation, the 62 properties were divided into three groups (based on local government area) and will herein be referred to as Mining Lease Area, Southern Rail Corridor and Northern Rail Corridor.

This desktop investigation was conducted in accordance with the *Queensland Government Department of Environment and Heritage Protection (DEHP) (1998) Draft Guidelines for the Assessment and Management of Contaminated Land in Queensland* (DEHP Guidelines).

### **1.1 Objectives**

Coffey Environments understands the objective of this investigation was to provide a desktop Phase 1 Environmental Site Assessment for all of the properties directly affected by the proposed mine lease area and railway corridor to address some of the DEHP comments relating to the contaminated land section of the EIS submitted by the client for the project.

### **1.2 Scope of Works**

The scope of works undertaken for this Phase 1 ESA included a search of the DEHP Environmental Management Register (EMR) and Contaminated Land Register (CLR) for all 62 properties within the boundary of the proposed mine lease area or rail. In the event that a property was listed on the EMR/CLR then a complete desktop Phase 1 Preliminary Site Assessment was conducted for the identified property.

The scope of works undertaken for the desktop Phase 1 Preliminary Site Assessment is outlined below.

- A review of existing relevant information and reports provided by Waratah Coal.
- A review of current and historical titles dating back to the deed of grant for each of the subject properties to assess property reconfigurations and registered owners.
- A search of current licences and notices (i.e. hazardous material storage, trade waste etc.).
- A review of the DEHP Regional Ecosystem Map Version 6.1(DEHP, 2012a), to determine site proximity to sensitive vegetative habitat receptors.
- A search with the DEHP for the presence of any groundwater bores within 1.0 km of the site. and
- A search of any publicly available topographical, geological and hydrogeological information.

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## **2 MINING LEASE**

A total of 17 lots were identified within the area of the proposed mining lease (refer Figure 4). The proposed mine lease area is within the Barcaldine Regional Council area. An EMR/CLR search of the 17 properties shown in **Table 1** did not identify any properties listed on the EMR/CLR, and therefore no complete desktop investigations were undertaken on any of the properties in the mine lease area. A copy of the EMR/CLR searches for the mine lease area is included in **Appendix A**.

**Table 1: Mining Lease Area Site Information**

Legal Description	Area [ha]	Legal Description	Area [ha]
1 BF17	4,038	5 BF5	8,090
1 BF72	10,330	5 MX43	3,200
10 RP894235	6,473	626 MX806585	24,600
11 BF25	9,253	649 SP232649	55,800
2 SP136836	6,365	7 BF16	5,770
3 BF802451	7,109	7 BF7	8,088
3 SP167133	8,093	8 BF16	388
31 SP108317	37	9 BF28	10,358
4 BF22	7,912		

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### **3 SOUTHERN RAIL CORRIDOR**

The southern rail corridor was defined as those properties within the Barcaldine and Issac Regional Council Areas and extends from the mining lease to the Gregory Developmental Road. The extent of the southern rail corridor area is shown on **Figure 3**. An EMR/CLR search of the 24 properties within the southern rail corridor identified Lot 5 RU81 as the only property listed on the EMR, while none of the 24 properties were listed on the CLR. The 24 properties directly intersected by the southern rail corridor are shown in **Table 2**.

**Table 2: Southern Rail Corridor Site Information**

Legal Description	Area [ha]	Legal Description	Area [ha]
1788 PH886	42,475	4 DR21	14,404
2 SP136836	6,365	4 SP116046	47,600
3533 PH56	19,165	<b>5 RU81</b>	<b>48,800</b>
4994 SP233100	38,800	5068 PH449	14,000
649 SP232649	55,800	5069 PH495	14,200
681 PH406	20,719	5070 PH1056	17,500
1 RU89	35,600	5269 PH1533	14,000
2 CP882192	15,000	654 PH1895	39,300
3 DR20	13,561	656 SP138788	32,700
3 SP104491	27,300	7 DR34	26,471
3235 PH752	20,700	A AP7874 (road)	155
3309 PH1532	18,500	3821 PH1304	19,100

#### **3.1 Lot 5 RU81**

##### **3.1.1 Site Location and Description**

Lot 5 RU81 is located approximately 55km northwest of Clermont, the site is characterised by open Brigalow and Gilgai country and is used for grazing. The EMR search of the property indicates that the lot is listed on the EMR for the notifiable activities of operating a livestock dip or spray race facility and storing petroleum products or oil in above ground or underground tanks. Site details are shown in **Table 3**. Adjacent land uses are pastoral/grazing land in all directions.

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**Table 3: Site identification details for Lot 5 RU81**

<b>Street Address</b>	Laglan Road
<b>Area</b>	48,800 Hectares
<b>Zoning</b>	Rural
<b>Local Government Authority</b>	Isaac Regional Council
<b>Parish</b>	Beresford and Rosherville
<b>County</b>	Rutledge
<b>Current Owner(s)</b>	Crown Land
<b>Current Occupier(s)</b>	Ralco Holdings Pty Ltd
<b>Current Site Use(s)</b>	Rural (agricultural land)

### 3.1.2 Historical Aerial Photo Review

Historical aerial photographs, which were publically available via the DEHP, were reviewed for evidence of potentially contaminating or notifiable activities on lots listed on the EMR. **Table 4** provides a summary of the results of the aerial photograph review. Copies of the Historical Aerial photos are presented in **Appendix C**.

**Table 4: Summary of the aerial photography for Lot 5 RU81**

Year	Title of Photography	Comments
1969	8253 Galilee	Onsite: Grass and woodland are apparent throughout the lot. with Middle Creek visible in the north-west section of the lot. The photographs indicate the lot is used for low intensity agricultural production throughout the entire site.  Offsite: Properties to the west and east of the site appear to be used for low intensity agricultural production.
1993	8253 Epping Forest	Onsite: Same as 1969 photograph. Some areas of northern end of the lot appear to have undergone clearing of vegetation.  Offsite: Same as 1969 aerial photograph with some areas appearing to have been cleared of vegetation.

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**Table 4: Summary of the aerial photography for Lot 5 RU81. Cont.**

1998	8252 Albro	Onsite: Grass and woodland are apparent with Clermont Laglan Road visible running east west through the middle of the lot. A dam is visible just north of the road.  Offsite: Same as 1969 aerial photograph.
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### 3.1.3 Historical Titles

The review of current and historical titles was conducted, which were obtained from DEHP. A summary of the information for Lot 5 RU81 is presented below in **Table 5**. A copy of current state tenure search results has been included in **Appendix E**.

**Table 5 – Summary of Historical Certificates of Title for Lot 5 RU81**

Year	Registered Owners/Leasers	Comments
Prior to 1985	-	Crown Land
1985	Stanbroke Pastoral Company Pty Ltd	The lot is listed as Crown Land and is under lease for a period of 50 years, commencing on 01/10/1985 and expiring on 30/09/2035  Title reference: 17665239
2004	Ralco Holdings Pty Ltd	Document no: 707940492

### 3.1.4 Site Geology, Topography and soils

Geological information from Galilee 1:250,000 geological map, sheet SF55-10, indicates the regional geology of the lot is primarily undifferentiated Cainozoic sediments, underlain by sedimentary rocks of the lower carboniferous Drummond Group consisting of mudstone, sandstone, and conglomerates.

Topographical information from Galilee 1:250,000 topographical map, sheet SF55-10 indicates the lot elevation ranges from approximately 300 metres above Australian Height Datum (mAHD) in the southern portion of the lot, to approximately 200mAHD in the north. Drainage is towards the north and north east.

### 3.1.5 Site Vegetation

Regional ecosystems have been classified by DEHP into categories, including 'endangered', 'of concern' and 'least concern' ecosystems. These definitions are based upon the remaining areas of these ecosystems in comparison with their preclearing extents.

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The regional ecosystems mapping (DEHP, 2012a) showing Lot 5 RU81 indicated that the southern and central portions of the lot were predominantly remnant vegetation classified as 'least concern' regional ecosystem, with some isolated pockets of remnant vegetation containing 'of concern' regional ecosystems or 'endangered' regional ecosystems.

The northern portion of the lot is a mixture of non-remnant vegetation and remnant vegetation classified as 'least concern' regional ecosystem, with some isolated pockets of remnant vegetation containing 'of concern' regional ecosystems or 'endangered' regional ecosystems. The northwest corner of the lot contains the largest area of remnant vegetation containing endangered regional ecosystems. A copy of these maps has been included in **Appendix B**.

### **3.1.6 Regional Hydrogeology**

The Groundwater Resources of Queensland Map (1:2,500,000 Hydrogeological Series 1987) indicates the regional groundwater underlying Lot 5 RU81 is within sedimentary strata, which includes but is not limited to sandstone and shale conglomerate. The groundwater is expected to have a bore yield of less than 5 litres per second and a salinity ranging from 1500mg/L to 5000mg/L. The groundwater is suitable for most stock and some domestic and irrigation purposes.

A registered groundwater bore search was also undertaken with DEHP for registered bores within a 1km radius of Lot 5 RU81. The report indicates that 13 registered bores are located on Lot 5 RU81, but that there are no registered bores within a 1km radius of the property border.

Available information from the onsite groundwater bores, suggests that there are a number of relatively shallow aquifers (<150m) at the site. Aquifer units identified in the registered bore cards include undifferentiated Tertiary sediments, and the lower Palaeozoic Anakie Metamorphics. A copy of the registered groundwater bore map is included in **Appendix D**.

### **3.1.7 Local Council Records**

Coffey Environments have requested copies of any dangerous good licences, or other relevant local council records for Lot 5 RU81 from the Isaac Regional Council. However, the searches require landowner authorisation, which have not been able to be obtained.

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## 4 NORTHERN RAIL CORRIDOR AREA

The northern rail corridor area is defined as those properties on the rail alignment that are within the Whitsunday Regional Council area. The northern rail corridor extends from the Gregory Developmental Road in the south, to the Bruce Highway in the north. The extent of the northern rail corridor area is shown on **Figure 3**. An EMR/CLR search of the 23 properties identified three lots (Lot 1 SB279; Lot 618 PH2106; and Lot 5088 SM101) listed on the EMR, while none of the 23 properties were listed on the CLR. The 23 properties directly intersected by the northern rail corridor are shown in **Table 6**.

**Table 6: Northern Rail Corridor Site Identification**

Legal Description	Area [ha]	Legal Description	Area [ha]
<b>1 SB279</b>	<b>2,747</b>	4 SB687	14,090
10 BL49	90,100	4 SP171921	44,000
13 SP232519	21,780	4914 PH1791	5,010
14 SB438	235	5047 PH370	23,400
1510 SP171920	38,200	<b>5088 SM101</b>	<b>16,400</b>
17 DK68	1,150	51 CP852524	188
2 DK232	41,700	6 SM99	26,800
2 RP742329	8,267	<b>618 PH2106</b>	<b>28,400</b>
24 RP805036	13,661	667 PH1321	35,000
3 SB514	5,579	86 DK154	6,933
3 SP132678	41,000	A AP11664 (road)	0.9008
3615 PH681	45,600		

### 4.1 Lot 5088 SM101

#### 4.1.1 Site Location and Description

Lot 5088 SM101 is located approximately 8km south-south east of the township of Mount Coolon. The site is utilised for pastoral use. The EMR search of the property indicates the lot is listed on the EMR for the notifiable activity of storing petroleum products or oil. Site details are shown in **Table 7**. Adjacent land uses are pastoral/grazing land in all directions.

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**Table 7: Site identification details for Lot 5088 SM101**

<b>Street Address</b>	Stratford Road
<b>Area</b>	16,400 Hectares (surveyed)
<b>Zoning</b>	Rural
<b>Local Government Authority</b>	Whitsunday Regional Council
<b>Parish</b>	Acre and Verbena
<b>County</b>	Sellheim
<b>Current Owner(s)</b>	Crown Land
<b>Current Occupier(s)</b>	Richard McAulay Powell
<b>Current Site Use(s)</b>	Rural (agricultural land)

#### 4.1.2 Historical Aerial Photo Review

At the time of this desktop investigation, historical aerial photographs for Lot 5088 SM101 were unavailable from DEHP for review.

#### 4.1.3 Historical Titles

A copy of current and historical titles for Lot 5088 was obtained from DEHP. A summary of the information for Lot 5088 is presented below in **Table 8** and a copy of current state tenure search results has been included in **Appendix E**.

**Table 8 – Summary of Historical Certificates of Title for Lot 5088 SM101**

Year	Registered Owners/Leasers	Comments
Prior to 1967	-	Crown Land
1967	Richard McAulay Powell	The lot is listed as Crown Land and is under lease for a period of 50 years, commencing on 01/04/1967 and expiring on 31/03/2017. Title reference: 17665227
1978	Richard McAulay Powell and Michael David Shaw	Transfer of lessee's interest

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**Table 8 – Summary of Historical Certificates of Title for Lot 5088 SM101. Cont.**

1982	Richard McAulay Powell	Transfer of lessee's interest
1993	Richard McAulay Powell	576 hectares of property excluded from the lot. Dealing No: L559208N

#### 4.1.4 Site Geology, Topography and soils

Geological information from Mt Coolon 1:250,000 geological map, sheet SF55-7, indicates the regional geology of the lot is primarily sedimentary rocks of the Tertiary Suttor Formation, characterised by quartz sandstone conglomerate with sandy and silicified claystone. This is underlain by the Devonian-Carboniferous Drummond Group, which consists of feldspathic quartz sandstone, siltstone and claystone, rhyolite flows and agglomerate with sublabilie sandstone and fossiliferous siltstone.

Topographical information was obtained from the Mt Coolon 1:250,000 topographical map. Sheet SF55-7 indicates that overall topography of the lot dips towards the southwest. The northeast part of the lot is elevated at approximately 250 mAHD with the south east part of the lot at approximately 200 mAHD. Drainage is towards the southeast with a creek (name unknown) running through the middle of the lot and joining Blowfly Creek and Suttor River.

#### 4.1.5 Site Vegetation

The regional ecosystems mapping (DEHP, 2012a) showing Lot 5088 SM101 indicates that the majority of the lot is considered non-remnant vegetation. There are some minor areas classified as remnant vegetation of least concern regional ecosystems, particularly around the north eastern boundary of the Lot.

There also exists some isolated areas of remnant vegetation containing 'of concern' regional ecosystems or 'endangered' regional ecosystems, particularly in the vicinity of the drainage channels /creeks in the southern part of the Lot. A copy of the regional ecosystem and remnant map has been included in **Appendix B**.

#### 4.1.6 Regional Hydrogeology

The Groundwater Resources of Queensland Map (1:2,500,000 Hydrogeological Series 1987) indicates regional groundwater underlying Lot 5088 SM101 is likely to be within sedimentary strata of the Suttor Formation. The groundwater is expected to have a bore yield of less than 5 litres per second and a salinity ranging from 1500mg/L to 5000mg/L.

A registered groundwater bore search was also undertaken with the DEHP for registered bores within a 1km radius of Lot 5088. The reports indicate that there is only one registered well located on Lot 5088 SM101, located on the western side of the property. No registered bores were identified to exist within a 1km outside of the property boundary. The groundwater bore details for the card for the well onsite indicate that it is was installed for groundwater monitoring purposes, and is listed as abandoned but still useable.

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#### **4.1.7 Local Council Records**

Coffey Environments were unable to obtain local council records for Lot 5088 SM101 at the time of this investigation. It was noted that the Whitsunday Shire Council require land owner approval (which is currently not available) before releasing these records.

### **4.2 Lot 618 PH2106**

#### **4.2.1 Site Location and Description**

Lot 618 PH2106 is located approximately 10km southwest of Collinsville. The EMR search of the property indicates that the lot is listed on the EMR for the notifiable activities of operating a livestock dip or spray race facility and storing petroleum products or oil. Site details are shown in **Table 9**. Adjacent land uses are pastoral/grazing land in all directions.

**Table 9: Site Identification details for Lot 618 PH2106**

<b>Street Address</b>	Myuna Road
<b>Area</b>	28400 Hectares (surveyed)
<b>Zoning</b>	Rural
<b>Local Government Authority</b>	Whitsunday
<b>Parish</b>	Birralee and Macedon
<b>County</b>	Drake
<b>Current Owner(s)</b>	Crown Land
<b>Current Occupier(s)</b>	Gordon Wallace MacNicol
<b>Current Site Use(s)</b>	Rural (agricultural land)

#### **4.2.2 Historical Aerial Photo Review**

At the time of this desktop investigation, historical aerial photographs for Lot 618 PH2106 were unavailable from DEHP for review.

#### **4.2.3 Historical Titles**

A copy of current and historical titles for Lot 618 was obtained from DEHP. A summary of the information for Lot 618 is presented below in **Table 10**. A copy of current state tenure search results has been included in **Appendix E**.

**Table 10 – Summary of Historical Certificates of Title for Lot 618 PH2106**

<b>Year</b>	<b>Registered Owners</b>	<b>Comments</b>
1959	Gordon Wallace McNicol	The lot is listed as Crown Land and is under lease for a period of 63 years, commencing on 01/10/1959 and expiring on 30/09/2022
1963	Pioneer Sugar Mills Limited	Transfer of lessee's interest
1982	Gordon Wallace McNicol	Transfer of lessee's interest

#### **4.2.4 Site Geology, Topography and soils**

Geological information from Bowen 1:250,000 geological map, sheet SF55-3, indicates Lot 618 is characterised by two main geological units. The eastern portion of the lot is the Permian Back Creek group sedimentary rocks comprised of cross-bedded well sorted lithic sandstone, siltstone and quartzose sandstone with carbonaceous shale with some coal seams. While the eastern side of the lot is characterised by the lower Permian, Lizzie creek volcanics which are made up of basalt, andesite agglomerate with lithic and tuffaceous sediments and minor acid volcanics. In the centre of the Lot, the sedimentary rocks of the Back Creek Group are intruded by the Hectate granite.

Topographical information from Bowen 1:250,000 topographical map, sheet SF55-3 indicates that the topography of the area appears to have been effected by the erosional impact of the Bowen River, with the northern area of the lot approximately 50m higher in elevation (200m AHD) than the southern area (150 m AHD).

#### **4.2.5 Site Vegetation**

The regional ecosystems mapping (DEHP, 2012a) showing Lot 618 PH2106 indicates that the eastern portion of the site is a combination of non-remnant vegetation and remnant vegetation containing of concern regional ecosystems. The western portion of the site is predominantly remnant vegetation classified as least concern regional ecosystem, with some isolated pockets of remnant vegetation containing of concern regional ecosystems or endangered regional ecosystems.

It was also noted that in the centre of the site is an area of remnant vegetation containing 'endangered' regional ecosystems which corresponds with the area of intrusion of the Hectate Granites. A copy of these maps has been included in **Appendix B**.

#### **4.2.6 Regional Hydrogeology**

The Groundwater Resources of Queensland Map (1:2,500,000 Hydrogeological Series 1987) indicates the local groundwater underlying Lot 618 PH2106 is characterised by separate aquifers in the sedimentary strata of the Permian Back Creek group, and acid to intermediate volcanics of the Lizzie Creek volcanic group. The salinity is expected to range from 500mg/L to 1500mg/L for the aquifer in the volcanic units on the western side of the site and 1500mg/L to 5,000mg/L for the groundwater in the sedimentary units. Groundwater yield for both aquifers is expected to be less than 5l/sec.

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Waratah Coal - Galilee Coal Project

A registered groundwater bore search was also undertaken with the DEHP for registered bores within a 1km radius of Lot 618. The reports indicate that there are 15 registered bores located on Lot 618 PH2106 and 7 bores located within a 1km of the property boundary.

#### **4.2.7 Local Council Records**

Coffey were unable to obtain local council records for Lot 618 PH2106 at the time of this investigation. It was noted that the Whitsunday Shire Council require land owner approval (which was not available at the time of investigation) before releasing these records.

### **4.3 Lot 1 SB279**

#### **4.3.1 Site Location and Description**

Lot 1 SB279 is located approximately 17km south of Guthalungra. The EMR search of the property indicates that the lot is listed on the EMR for the notifiable activities of operating a livestock dip or spray race facility. Site details are shown in **Table 11**. Adjacent land uses are pastoral/grazing land in all directions.

**Table 11: Site identification details for Lot 1 SB279**

<b>Street Address</b>	Thurso Road
<b>Area</b>	3,265 Hectares (surveyed)
<b>Zoning</b>	Rural
<b>Local Government Authority</b>	Whitsunday Regional Council
<b>Parish</b>	Abbott
<b>County</b>	Salisbury
<b>Current Owner(s)</b>	Crown Land
<b>Current Occupier(s)</b>	Michael Alfred Gordon (Lessee)
<b>Current Site Use(s)</b>	Rural (agricultural land)

#### **4.3.2 Historical Aerial Photo Review**

At the time of this desktop investigation, historical aerial photographs for Lot 1 SB279 were unavailable from DEHP for review.

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Waratah Coal - Galilee Coal Project

#### 4.3.3 Historical Titles

A copy of current and historical titles for Lot 1 was obtained from DEHP, and a summary of the information is presented below in **Table 12**. A copy of current state tenure search results has been included in **Appendix E**.

**Table 12 – Summary of Historical Certificates of Title for Lot 1 SB279**

1961	Robert William Hayes	The lot is listed as Crown Land and is under lease in perpetuity , commencing on 01/07/1961 Title reference: 17658026
1970	Alfred Geddes Gordon and Mervern Donald Gordon	Transfer of lessee's interest
1992	Mary Eileen Gordon , Wendy Joy Bickhoff and Mervern Donald Gordon	Transfer by death to Mary Eileen Gordon and Wendy Joy Bickhoff. Transfer No: L321016W
1993	Michael Alfred Gordon and Mervern Donald Gordon	Transfer of lessee's interest Transfer No: L503570R
2001	Michael Alfred Gordon	Dealing No: 704588952

#### 4.3.4 Site Geology, Topography and Soils

Geological information from Bowen 1:250,000 geological map, sheet SF55-3, indicates the regional geology of the lot is characterised by two main geological groups. The eastern portion of the lot is primarily characterised by upper carboniferous to lower Permian volcanics, consisting of grandiorite, adamellite, granite and minor quartz diorite. The western area of the lot is predominantly Lower Permian, Kurungle volcanics, made up of andesite and andesite breccia with flow-banded rhyolite, agglomerate and tuff. This is underlain by the Cretaceous Hecate granite.

Topographical information from Bowen 1:250 000 topographical map, sheet SF55-3 indicates that the lot is lower in the east, with an elevation around 100 m AHD. The drainage is towards the east in the direction of Elliot River which runs adjacent to the eastern boundary.

#### 4.3.5 Site Vegetation

The regional ecosystems mapping (DEHP, 2012a) showing Lot 1 SB279 indicates that the majority of the Lot is considered remnant vegetation that is a 'least concern' regional ecosystem. There are also some areas of remnant vegetation containing 'of concern' regional ecosystems, particularly the southwest corner of the allotment.

#### 4.3.6 Regional Hydrogeology

The Groundwater Resources of Queensland Map (1:2,500,000 Hydrogeological Series 1987) indicates the regional groundwater underlying Lot 1 SB279 is held within acid to intermediate intrusive volcanics

Phase 1 Environmental Site Assessment Desktop Study  
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which characterise the surface geology of the Lot. The groundwater is expected to have a bore yield of less than 5 litres per second and a salinity ranging from 1500mg/L to 5000mg/L.

A registered groundwater bore search was also undertaken with the DEHP for registered bores within a 1km radius of Lot 1 SB279. The report indicates that there are 6 registered bores located on the Lot, predominantly located on the eastern side of the property, closer to the Elliot River. The registered bore data is consistent with the information from the groundwater resources map. Registered bores onsite have encountered groundwater in decomposed granite, and range in depth from 6m to 25m below ground level. No registered bores were identified to exist within a 1km radius of the property boundary.

#### **4.3.7 Local Council Records**

Coffey were unable to obtain local council records for Lot 1 SB279 at the time of this investigation. It was noted that the Whitsunday Shire Council require land owner approval (which was not available at the time of investigation) before releasing these records.

Phase 1 Environmental Site Assessment Desktop Study  
Waratah Coal - Galilee Coal Project

## 5 SUMMARY AND CONCLUSIONS

Available information indicates that a total of 62 properties, stretching approximately 500km from Capricorn highway (west of Alpha) heading northeast to the Abbot Point multi cargo facility, are directly affected by the proposed mine and railway line. For ease of reference for this investigation, the 62 properties were divided into three groups (based on local government area) and classified as Mining Lease Area, Southern Rail Corridor and Northern Rail Corridor.

The scope of works undertaken for this desktop Phase 1 ESA involved the completion of EMR/CLR searches for all 62 properties, and in the event that a property was listed on the EMR/CLR then a complete desktop Phase 1 Preliminary Site Assessment was conducted for the identified property. Based on the results of this Desktop Phase 1 ESA, Coffey Environments concludes the following.

- None of the 17 properties within the mine lease area are listed on the CLR/EMR.
- One property in the Southern Rail Corridor (Lot 5 RU81) was listed on the EMR for the notifiable activities of operating a livestock dip or spray race facility and storing petroleum products or oil.
- Three properties in the Northern Rail Corridor (Lot 1 SB279, Lot 5088 SM101 and Lot 618 PH2106) were listed on the EMR for the notifiable activities of operating a livestock dip or spray race facility and /or storing petroleum products or oil.
- All four properties identified on the EMR contained areas of 'endangered' regional ecosystems and ecosystems considered to be 'of concern'.

Coffey Environments recommends that site walkover and physical inspections be undertaken on the four properties identified on the EMR, to determine:

- confirmation of current site layout and uses of the property, including the location of notifiable activities;
- general description of current and/or previous site operations;
- identification of current and historical (where possible) uses of adjoining properties and potentially sensitive receptors nearby;
- check validity of publicly available information (as previously described);
- general description of structures, storage facilities, disposal areas etc;
- check for visual signs of ground contamination;
- details and locations of current and former underground services;
- discharges to land, water and air; and
- local site knowledge, through the collection of information from interviews of current and former owners or occupiers, and/or employees.
- preliminary soil sampling as deemed necessary

The site inspection and walkover of the properties would enable a qualitative risk assessment of the properties to be completed, and preliminary characterisation of site contamination to determine if additional contamination management or assessment works are required at the properties.

Phase 1 Environmental Site Assessment Desktop Study  
Waratah Coal - Galilee Coal Project

## 6 REFERENCES

Bureau of Mineral Resources, Geology and Geophysics, 1:250,000 Queensland Geological Series Map, Galilee, Sheet SF55-10.

Bureau of Mineral Resources, Geology and Geophysics (1968); 1:250,000 Queensland Geological Series Map, Mount Coolon, Sheet SF55-11.

Bureau of Mineral Resources, Geology and Geophysics (1971); 1:250,000 Queensland Geological Series Map, Bowen, Sheet SF55-3.

Department of Environment (1998) Draft Guidelines for the Assessment and Management of Contaminated Land in Queensland.

Department of Environment and Heritage Protection (2012), Vegetation Management Act Regional Ecosystem and Remnant Map-Version 6.1 (DEHP, 2012a)

Department of Environment and Heritage Protection (2012), Registered Groundwater Bore Search.

Department of Natural Resources (1976) 1:250,000 Queensland Topography Map, Clermont, Sheet SF55-11.

E3 Consult (2010) , Waratah Coal, China First Preliminary Site Investigation : Contaminated Land Report.

Geoscience Australia (2003) 1:250,000 Queensland Topography Map, Galilee, Sheet SF55-10

Geoscience Australia (2003) 1:250,000 Queensland Topography Map, Mount Coolon, Sheet SF55-07

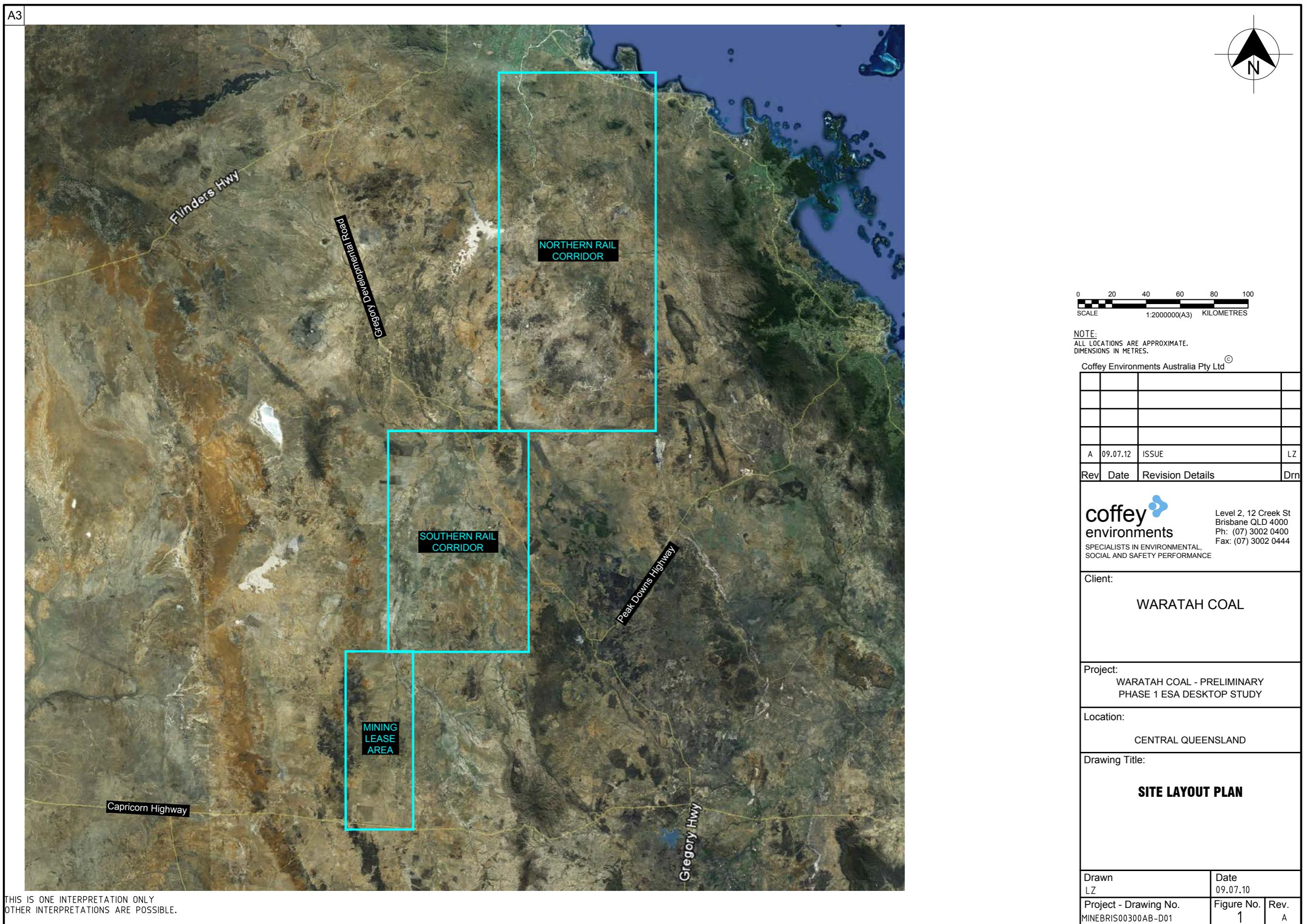
Department of Mines and Energy 1:250,000 Port Clinton Geological Map, Sheet SF 56-9

Queensland Government (1987) 1:2,500,000 Groundwater Resources of Queensland Map (Hydrogeological Series 1987)

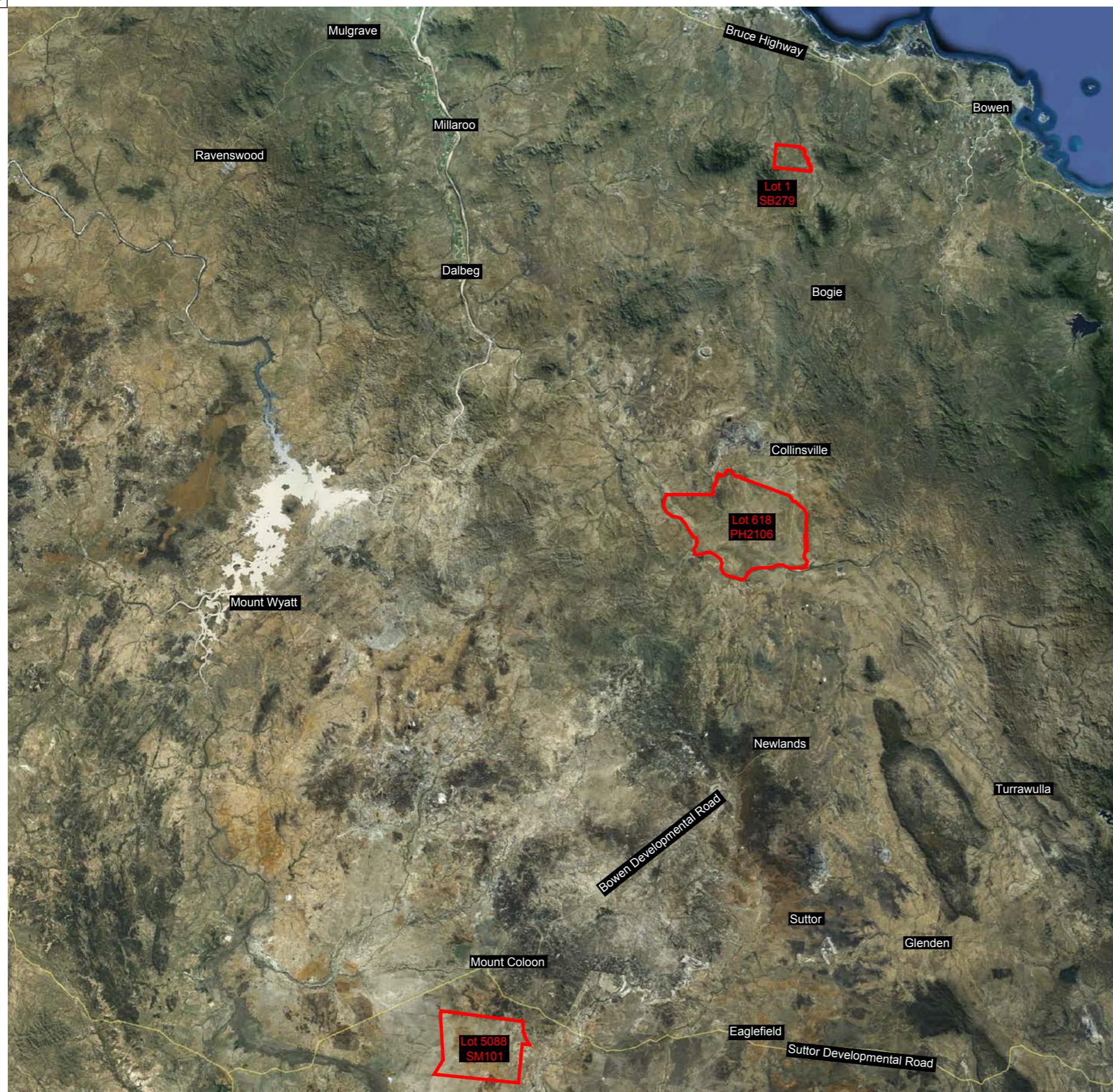
## Figures

**Phase 1 Environmental Site Assessment Desktop Study  
Waratah Coal - Galilee Coal Project**

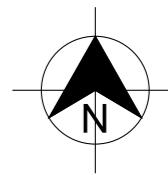
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A3



THIS IS ONE INTERPRETATION ONLY  
OTHER INTERPRETATIONS ARE POSSIBLE.



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SCALE 1:800000 (A3) KILOMETRES

NOTE:  
ALL LOCATIONS ARE APPROXIMATE.  
DIMENSIONS IN METRES.

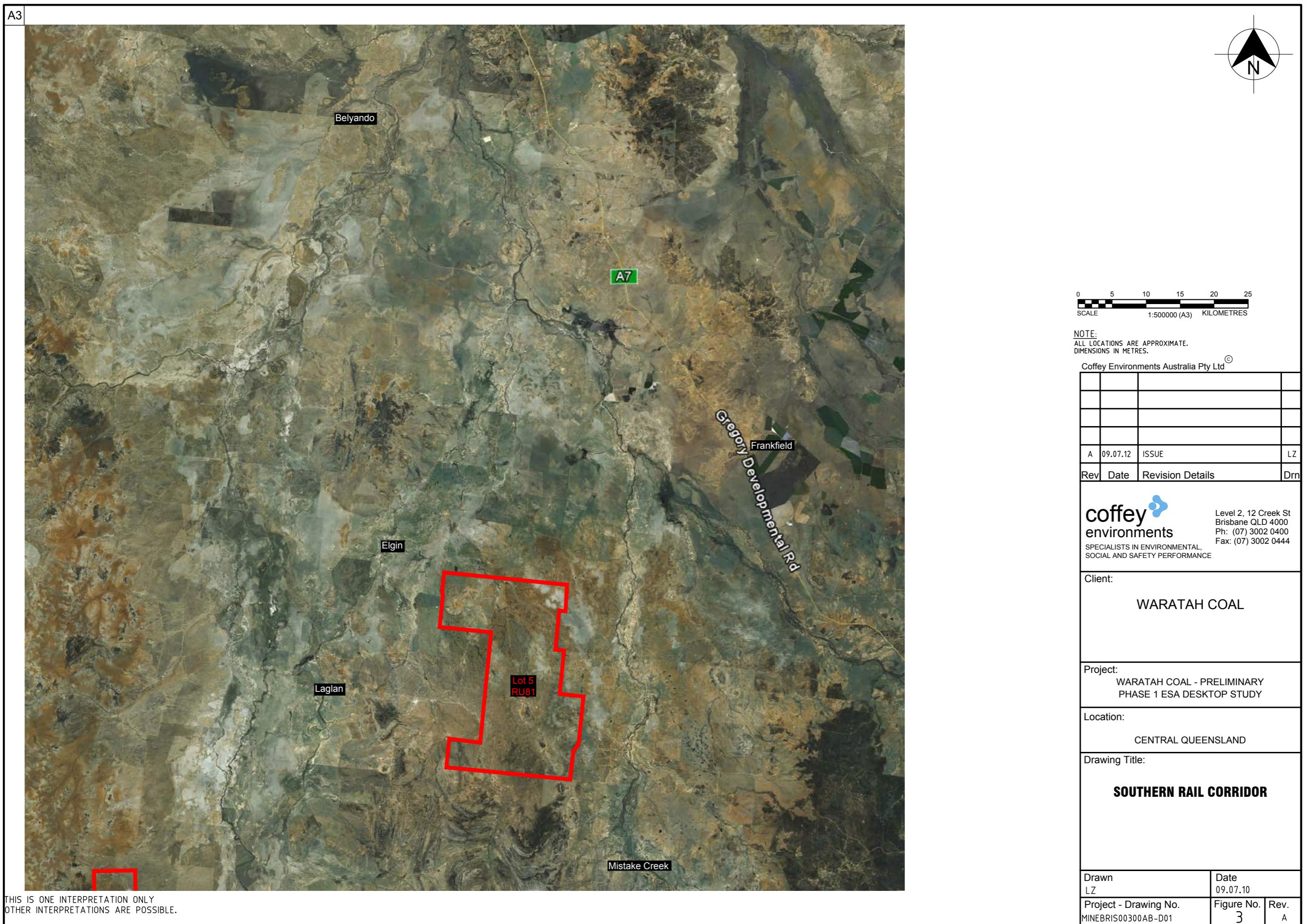
Coffey Environments Australia Pty Ltd

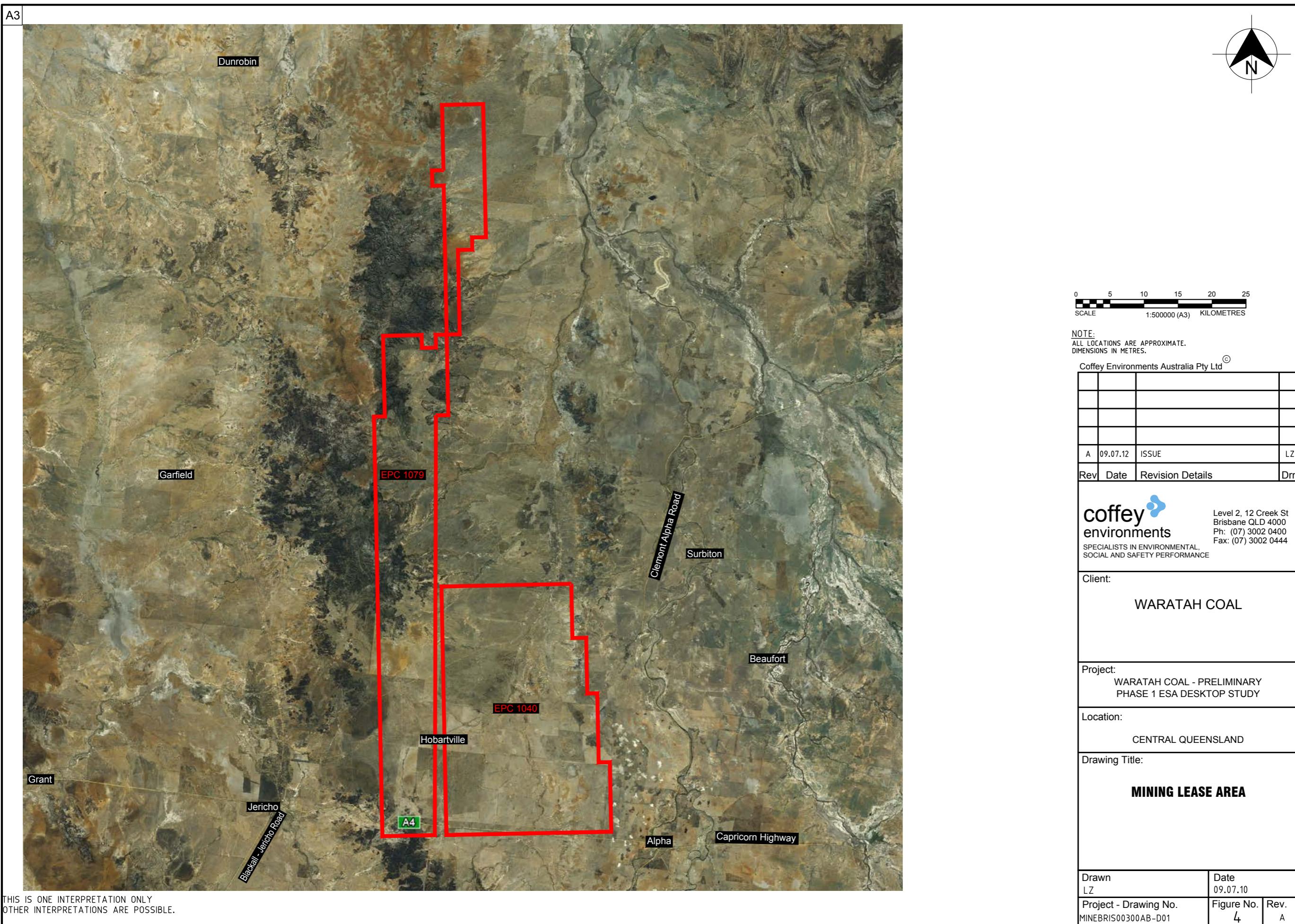
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coffey  
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Client:	WARATAH COAL
Project:	WARATAH COAL - PRELIMINARY PHASE 1 EIA DESKTOP STUDY
Location:	CENTRAL QUEENSLAND
Drawing Title:	<b>NORTHERN RAIL CORRIDOR</b>
Drawn	Date LZ 09.07.10
Project - Drawing No. MINEBRIS00300AB-D01	Figure No. 2
Rev.	A





# Appendix A

## Environmental Management Register and Contaminated Land Register Search Results

**Phase 1 Environmental Site Assessment Desktop Study  
Waratah Coal - Galilee Coal Project**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984867 EMR Site Id: 25197 28 June 2012

This response relates to a search request received for the site:

Lot: 5088 Plan: SM101

**EMR RESULT**

The above site IS included on the Environmental Management Register.

Lot: 5088 Plan: SM101

Address: STRATFORD ROAD  
WESTERN GRAZING 4804

The site has been subject to the following Notifiable Activity pursuant to section 374 of the *Environmental Protection Act 1994*.

PETROLEUM PRODUCT OR OIL STORAGE - storing petroleum products or oil -

(a) in underground tanks with more than 200L capacity; or

(b) in above ground tanks with -

for petroleum products or oil in class 3 in packaging groups 1 and 2 of the dangerous goods code - more than 2, 500L capacity; or

for petroleum products or oil in class 3 in packaging groups 3 of the dangerous goods code - more than 5, 000L capacity; or

for petroleum products that are combustible liquids in class C1 or C2 in Australian Standard AS1940, 'The storage and handling of flammable and combustible liquids' published by Standards Australia - more than 25, 000L capacity.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984866 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 5070 Plan: PH1056

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984865 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 5069 Plan: PH495

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984864 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 5068 Plan: PH449

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984863 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 5047 Plan: PH370

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984860 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 4994 Plan: SP233100

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984858 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 4914 Plan: PH1791

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984844 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3821 Plan: PH1304

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984843 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3615 Plan: PH681

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984840 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3533 Plan: PH56

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984837 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3309 Plan: PH1532

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984824 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3235 Plan: PH752

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984814 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 1788 Plan: PH886

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984812 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 1510 Plan: SP171920

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984874 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 681 Plan: PH406

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984873 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 667 Plan: PH1321

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984872 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 656 Plan: SP138788

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984871 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 654 Plan: PH1895

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984794 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 649 Plan: SP232649

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984793 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 626 Plan: MX806585

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984870 EMR Site Id: 98937 28 June 2012

This response relates to a search request received for the site:

Lot: 618 Plan: PH2106

**EMR RESULT**

The above site IS included on the Environmental Management Register.

Lot: 618 Plan: PH2106

Address: 2573 MYUNA RD

COLLINSVILLE 4804

The site has been subject to the following Notifiable Activity pursuant to section 374 of the *Environmental Protection Act 1994*.

LIVESTOCK DIP OR SPRAY RACE - operating a livestock dip or spray race facility.

For the majority of rural properties only a small area may be affected by the chemicals used in livestock dips and spray races. The Department of Environment and Heritage Protection may hold further information relating to the location of the dip site within this property.

PETROLEUM PRODUCT OR OIL STORAGE - storing petroleum products or oil -

(a) in underground tanks with more than 200L capacity; or

(b) in above ground tanks with -

for petroleum products or oil in class 3 in packaging groups 1 and 2 of the dangerous goods code - more than 2, 500L capacity; or

for petroleum products or oil in class 3 in packaging groups 3 of the dangerous goods code - more than 5, 000L capacity; or

for petroleum products that are combustible liquids in class C1 or C2 in Australian Standard AS1940, 'The storage and handling of flammable and combustible liquids' published by Standards Australia - more than 25, 000L capacity.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984877 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 86 Plan: DK154

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984868 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 51 Plan: CP852524

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984786 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 31 Plan: SP108317

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984819 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 24 Plan: RP805036

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984813 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 17 Plan: DK68

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984811 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 14 Plan: SB438

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984810 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 13 Plan: SP232519

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984778 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 11 Plan: BF25

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984777 EMR Site Id: 28 June 2012

This response relates to a search request received for the site:

Lot: 10 Plan: RP894235

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984806 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 10 Plan: BL49

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984800 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 9 Plan: BF28

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984798 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 8 Plan: BF16

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984875 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 7 Plan: DR34

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984795 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 7 Plan: BF16

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984797 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 7 Plan: BF7

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48955113 EMR Site Id: 24 May 2012  
This response relates to a search request received for the site:  
Lot: 6 Plan: SM99

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48955116 EMR Site Id: 25537 24 May 2012  
This response relates to a search request received for the site:  
Lot: 5 Plan: RU81

**EMR RESULT**

The above site IS included on the Environmental Management Register.

Lot: 5 Plan: RU81

Address: LAGLAN ROAD  
CLERMONT 4721

The site has been subject to the following Notifiable Activity pursuant to section 374 of the *Environmental Protection Act 1994*.

LIVESTOCK DIP OR SPRAY RACE - operating a livestock dip or spray race facility.

For the majority of rural properties only a small area may be affected by the chemicals used in livestock dips and spray races. The Department of Environment and Heritage Protection may hold further information relating to the location of the dip site within this property.

PETROLEUM PRODUCT OR OIL STORAGE - storing petroleum products or oil -

(a) in underground tanks with more than 200L capacity; or

(b) in above ground tanks with -

for petroleum products or oil in class 3 in packaging groups 1 and 2 of the dangerous goods code - more than 2, 500L capacity; or

for petroleum products or oil in class 3 in packaging groups 3 of the dangerous goods code - more than 5, 000L capacity; or

for petroleum products that are combustible liquids in class C1 or C2 in Australian Standard AS1940, 'The storage and handling of flammable and combustible liquids' published by Standards Australia - more than 25, 000L capacity.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984792 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 5 Plan: MX43

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984788 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 5 Plan: BF5

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984857 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 4 Plan: SP171921

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984853 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 4 Plan: SP116046

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984850 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 4 Plan: SB687

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984849 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 4 Plan: DR21

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984787 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 4 Plan: BF22

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984785 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3 Plan: SP167133

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984823 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3 Plan: SP132678

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984822 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3 Plan: SP104491

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984821 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3 Plan: SB514

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984820 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3 Plan: DR20

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984783 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 3 Plan: BF802451

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984780 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 2 Plan: SP136836

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984818 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 2 Plan: RP742329

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984817 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 2 Plan: DK232

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984816 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 2 Plan: CP882192

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984805 EMR Site Id: 14694 28 June 2012

This response relates to a search request received for the site:

Lot: 1 Plan: SB279

**EMR RESULT**

The above site IS included on the Environmental Management Register.

Lot: 1 Plan: SB279

Address: COLLINSVILLE ROAD  
BOWEN QLD 4805

The site has been subject to the following Notifiable Activity pursuant to section 374 of the *Environmental Protection Act 1994*.

LIVESTOCK DIP OR SPRAY RACE - operating a livestock dip or spray race facility.

For the majority of rural properties only a small area may be affected by the chemicals used in livestock dips and spray races. The Department of Environment and Heritage Protection may hold further information relating to the location of the dip site within this property.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984804 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 1 Plan: RU89

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48955107 EMR Site Id: 24 May 2012  
This response relates to a search request received for the site:  
Lot: 1 Plan: BF72

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984773 EMR Site Id: 28 June 2012

This response relates to a search request received for the site:

Lot: 1 Plan: BF17

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

If you have any queries in relation to this search please phone 13QGOV (13 74 68)

**Registrar  
Contaminated Land Unit**

**QLD DEPARTMENT OF ENVIRONMENT AND RESOURCE MANAGEMENT**

**ENVIRONMENTAL MANAGEMENT REGISTER (EMR)  
CONTAMINATED LAND REGISTER (CLR)**

Transaction ID: 48984869 EMR Site Id: 28 June 2012  
This response relates to a search request received for the site:  
Lot: 5269 Plan: PH1533

**EMR RESULT**

The above site is NOT included on the Environmental Management Register.

**CLR RESULT**

The above site is NOT included on the Contaminated Land Register.

**ADDITIONAL ADVICE**

**From the 1st August 2011, the price of an EMR/CLR search will increase to \$40.15 per lot for internet based searches and \$47.20 per lot for EMR/CLR searches done by means other than the internet.**

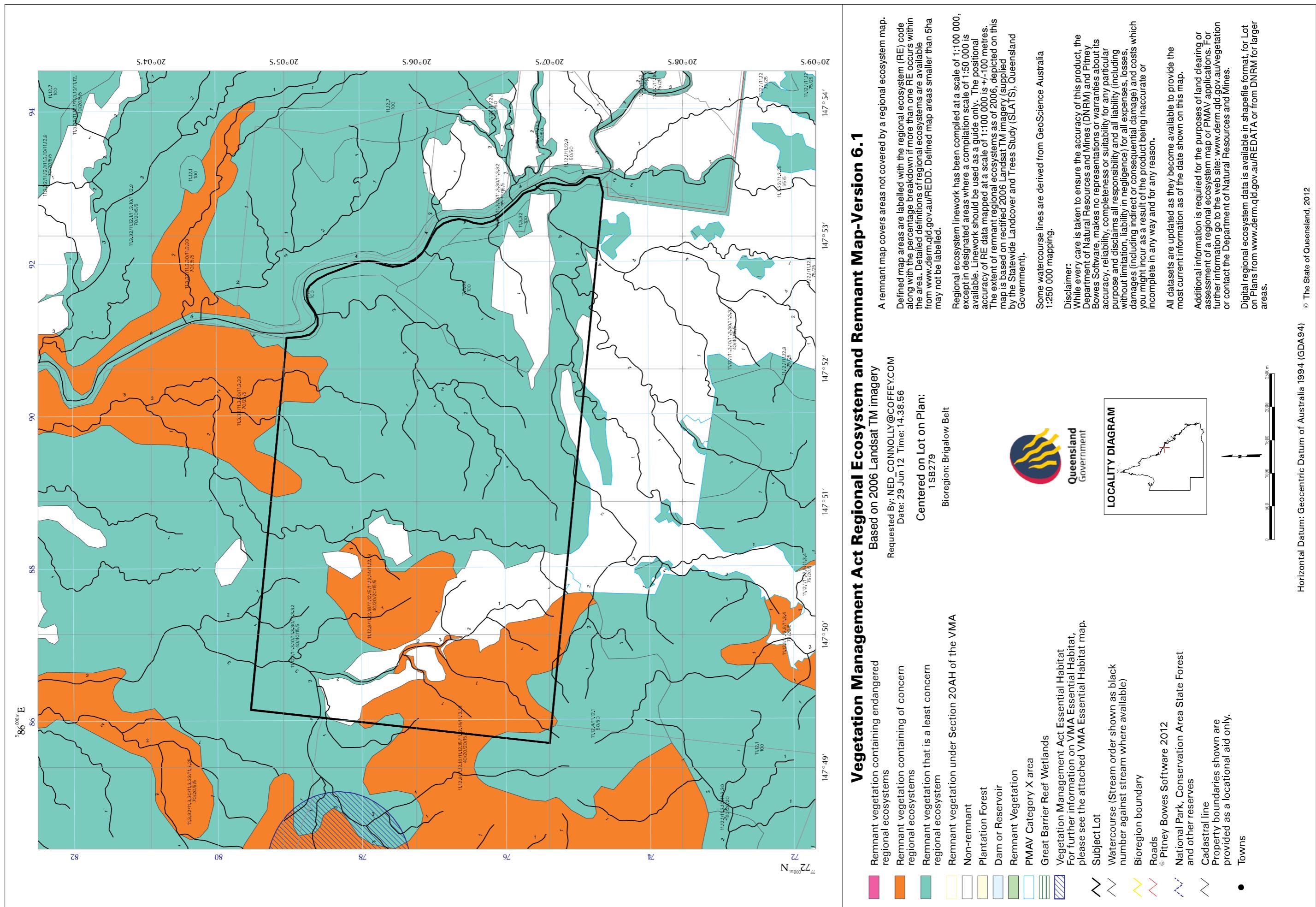
If you have any queries in relation to this search please phone 13QGOV (13 74 68)

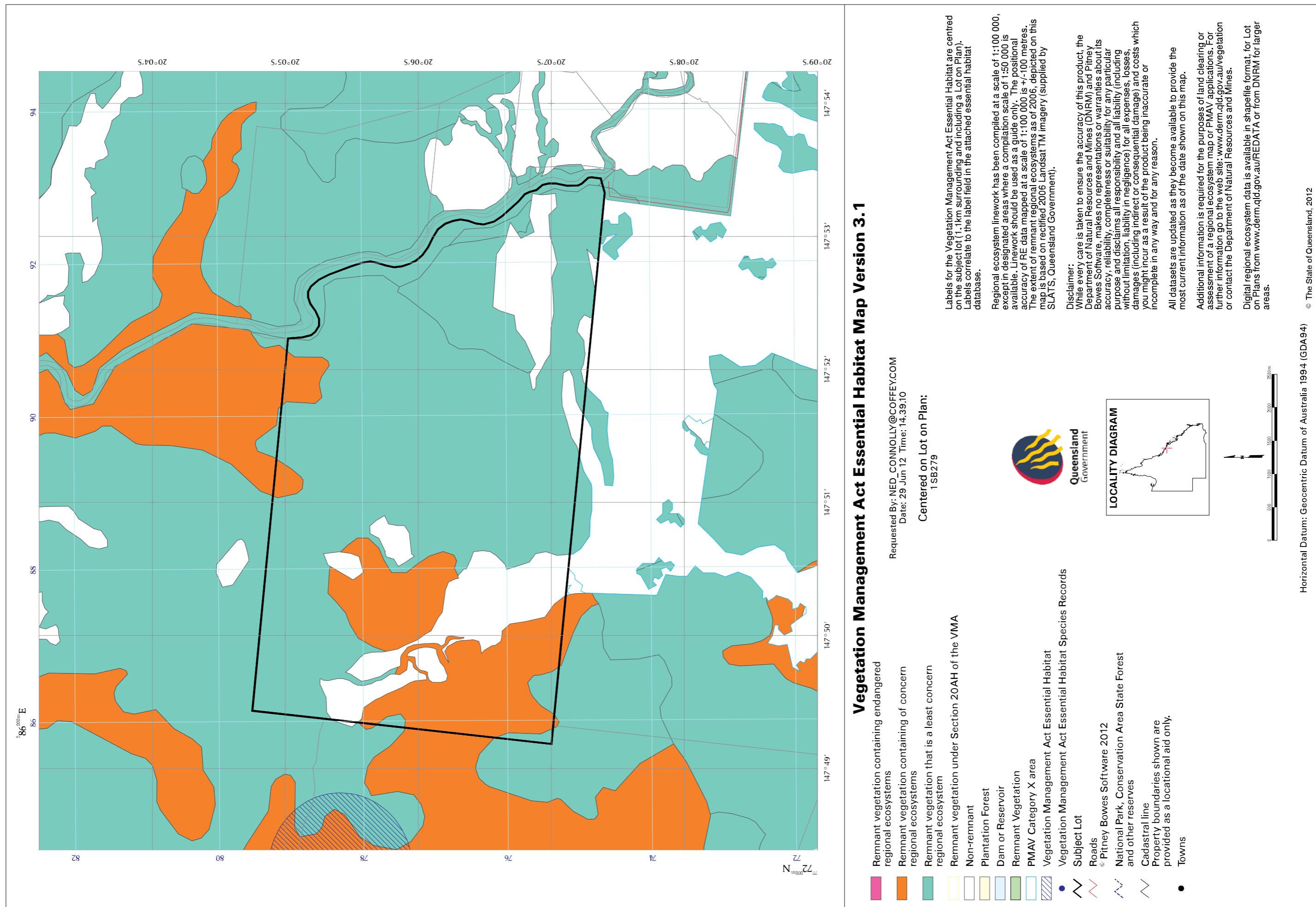
**Registrar  
Contaminated Land Unit**

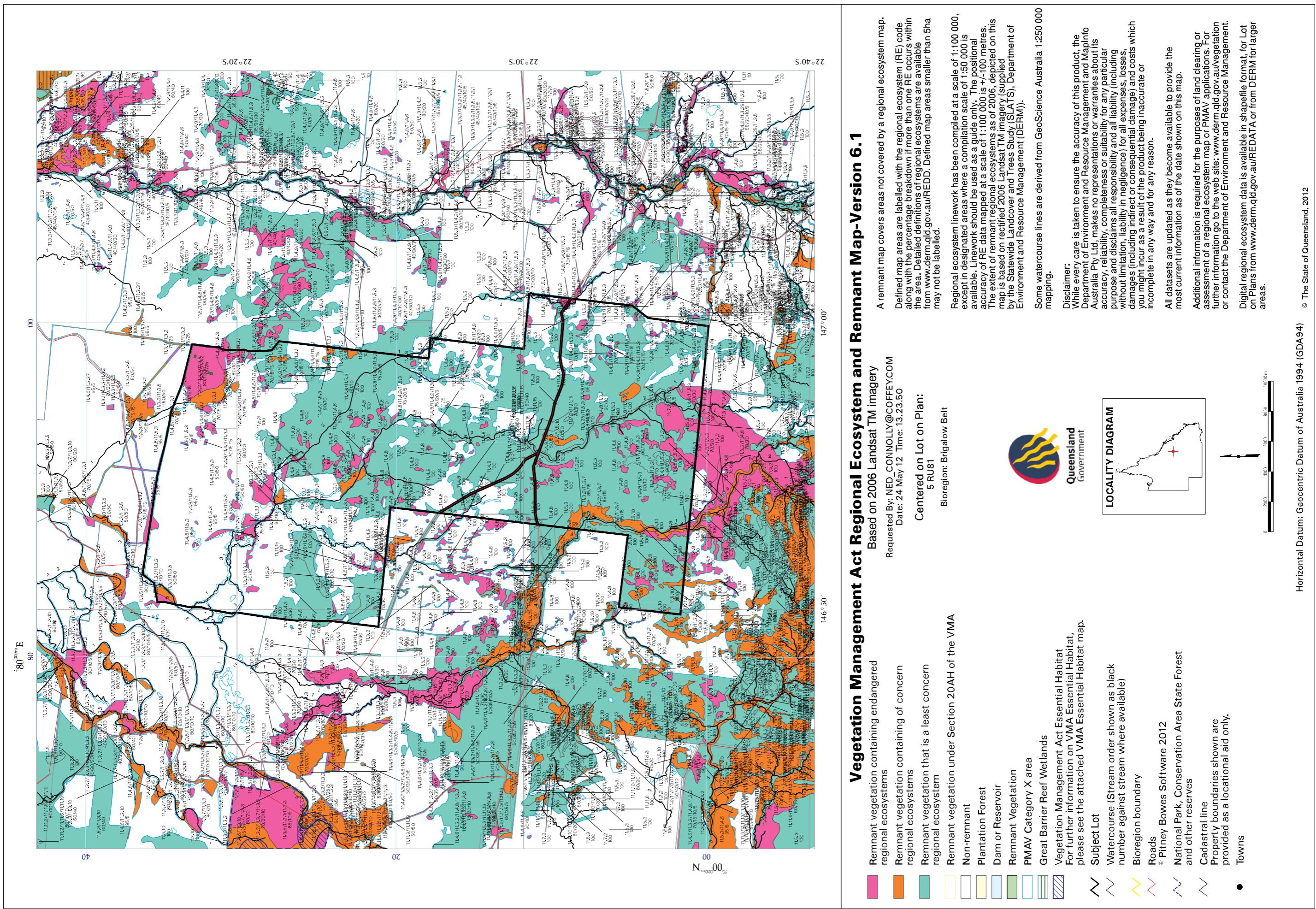
## **Appendix B**

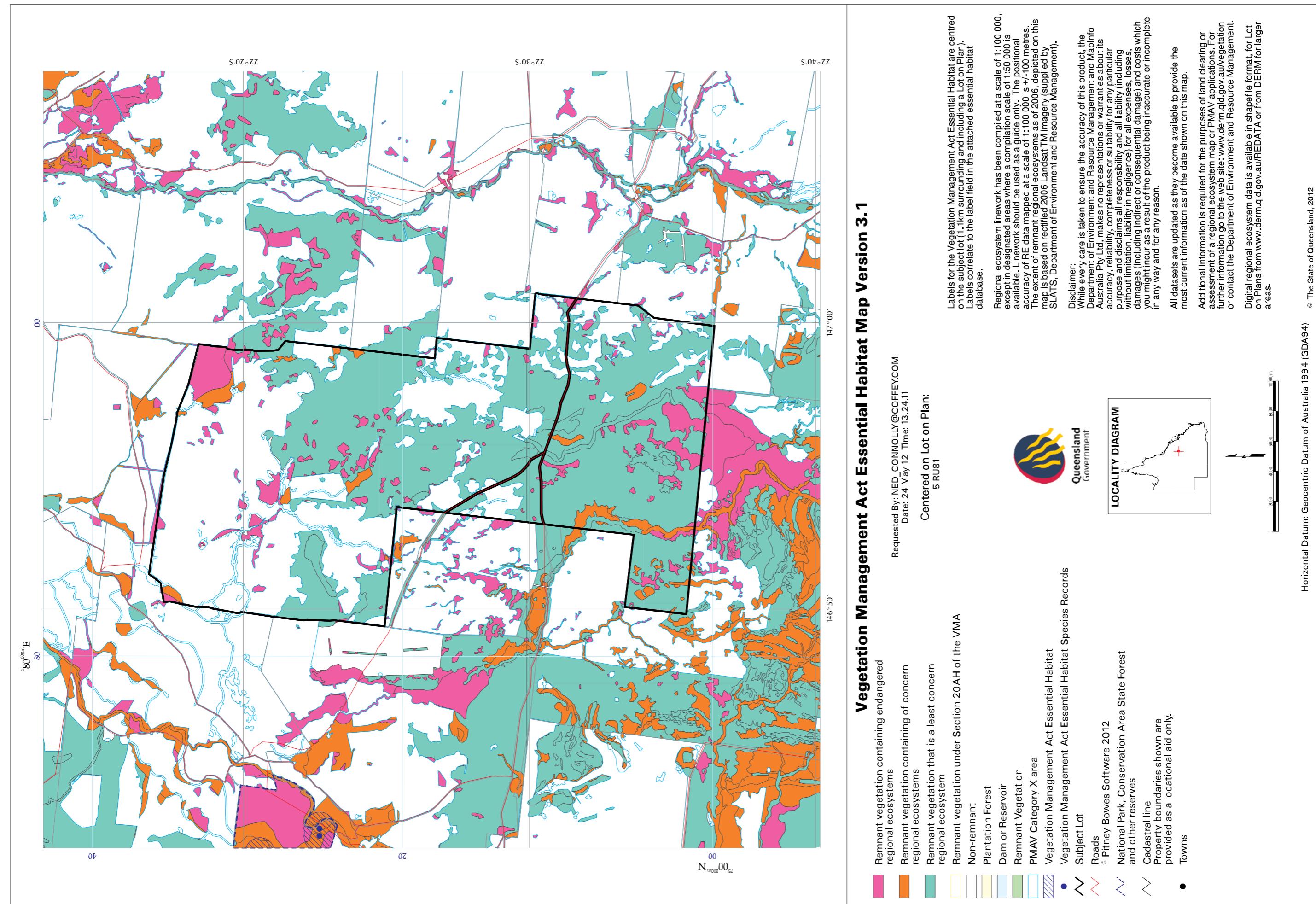
# **Regional Ecosystem Searches**

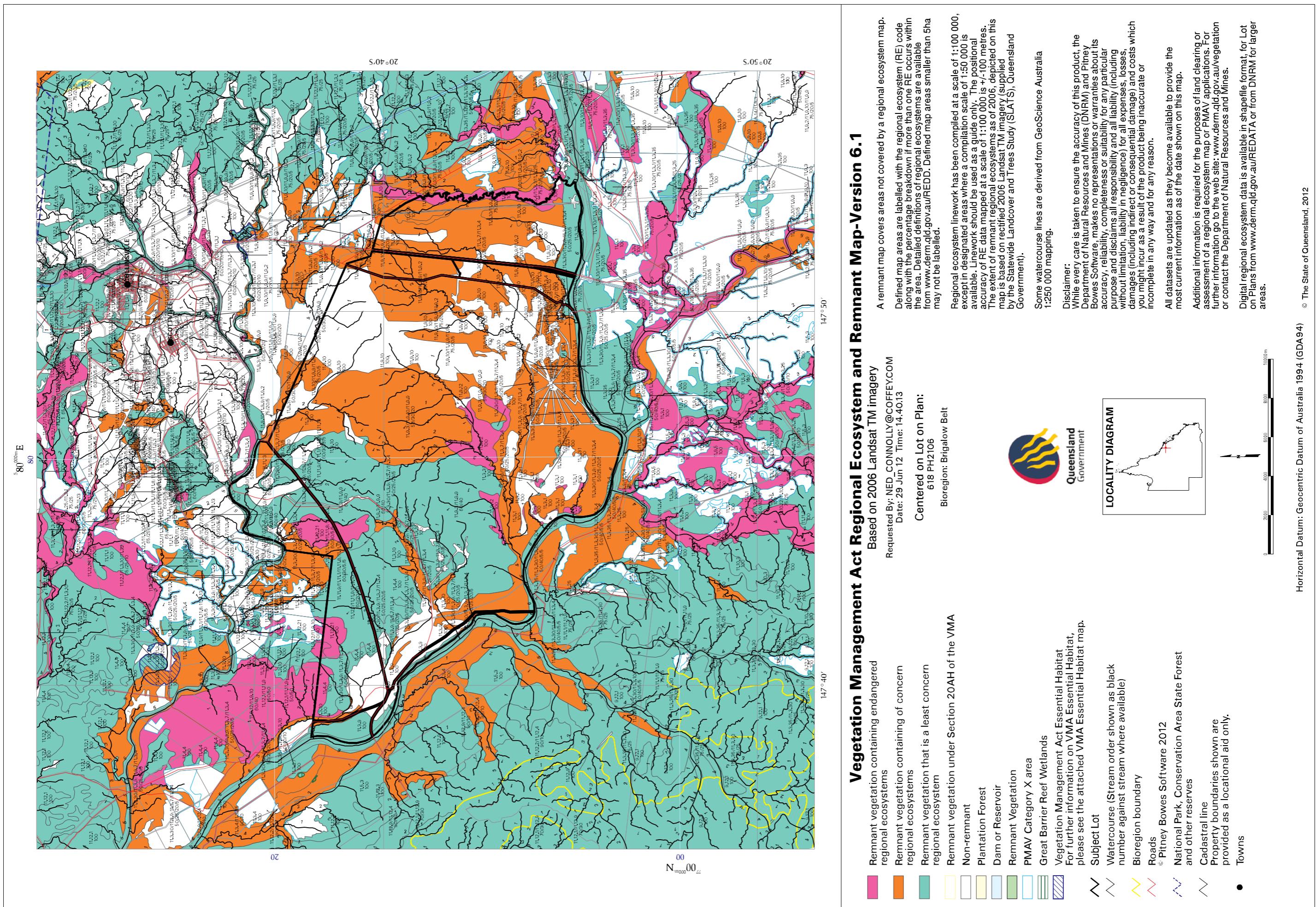
**Phase 1 Environmental Site Assessment Desktop Study**  
**Waratah Coal - Galilee Coal Project**

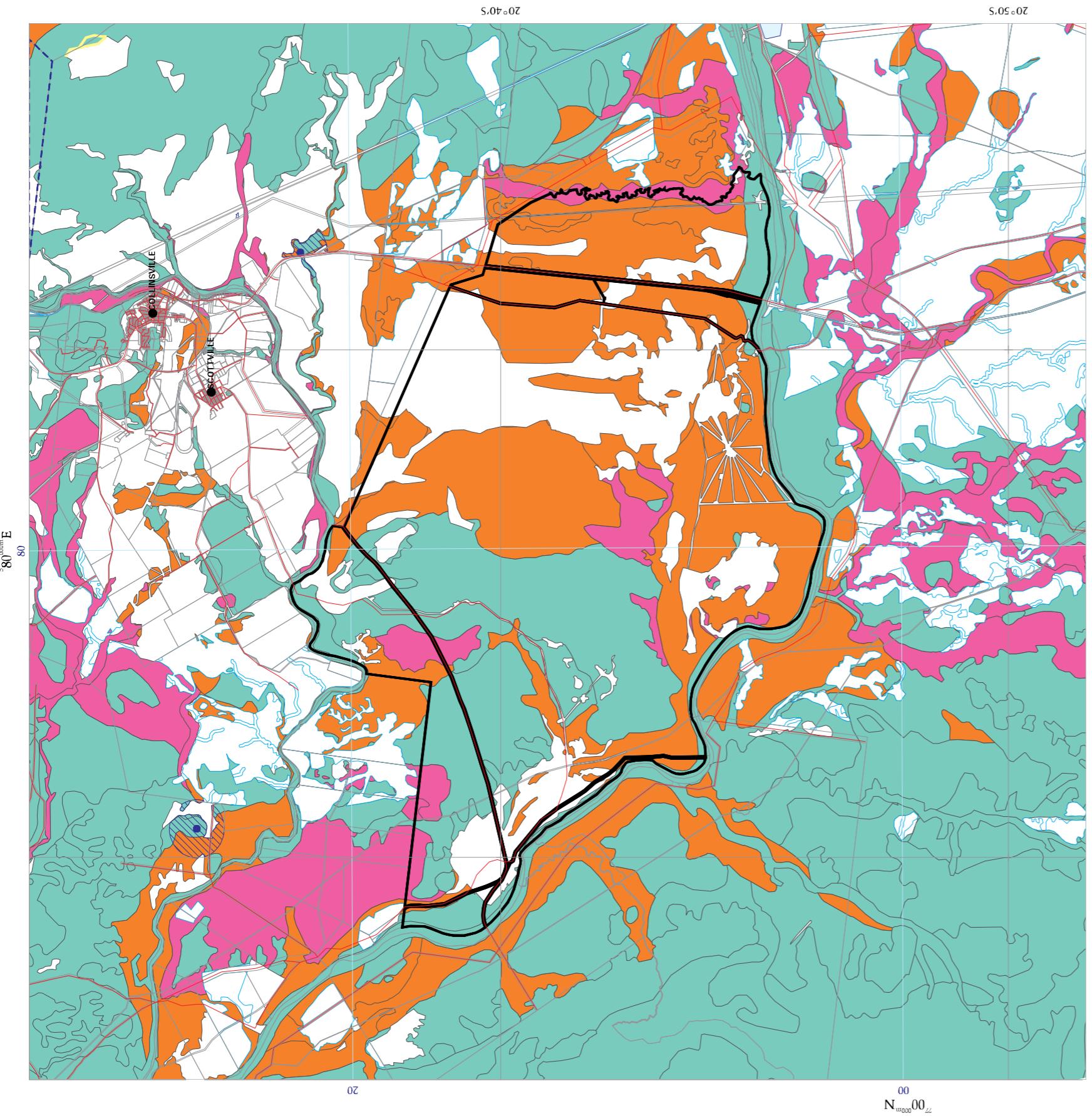












## Vegetation Management Act Essential Habitat Map Version 3.1

Requested By: NED CONNOLLY@COFFEY.COM

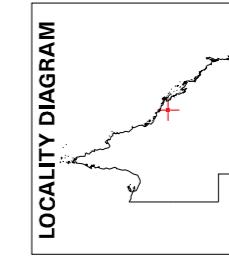
Date: 29 Jun 12 Time: 14:40:46

Centered on Lot on Plan:

618 PH2106



Queensland  
Government



Horizontal Datum: Geocentric Datum of Australia 1994 (GDA94)

© The State of Queensland, 2012

Labels for the Vegetation Management Act Essential Habitat are centred on the subject lot(1.1km surrounding and including a 'Lot on Plan'). Labels correlate to the label field in the attached essential habitat database.

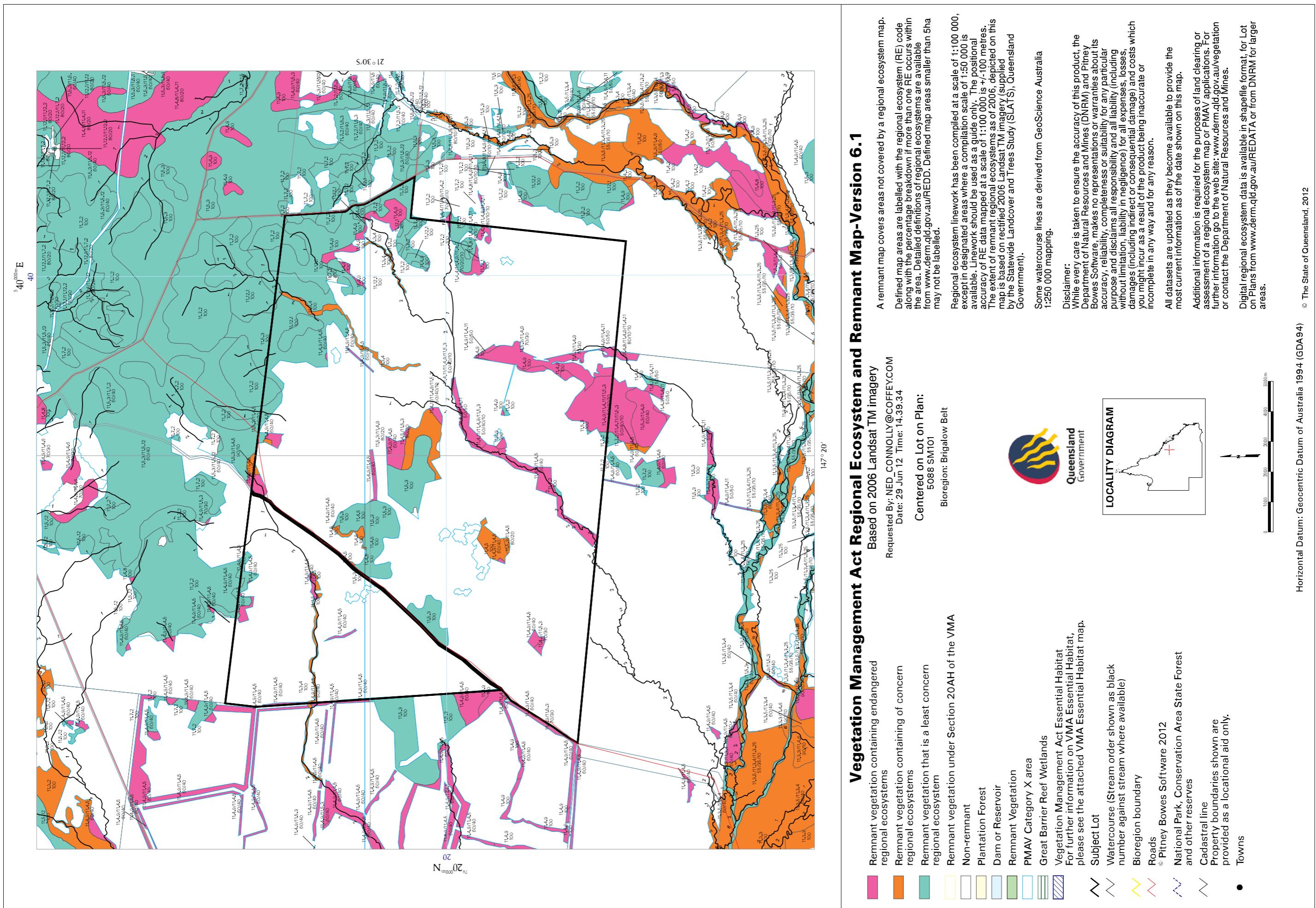
Regional ecosystem linework has been compiled at a scale of 1:100 000, except in designated areas where a compilation scale of 1:50 000 is available. Linework should be used as a guide only. The positional accuracy of RE data mapped at a scale of 1:100 000 is +/-100 metres. The extent of remnant regional ecosystems as of 2006, depicted on this map is based on rectified 2006 Landsat TM imagery (supplied by SLATS, Queensland Government).

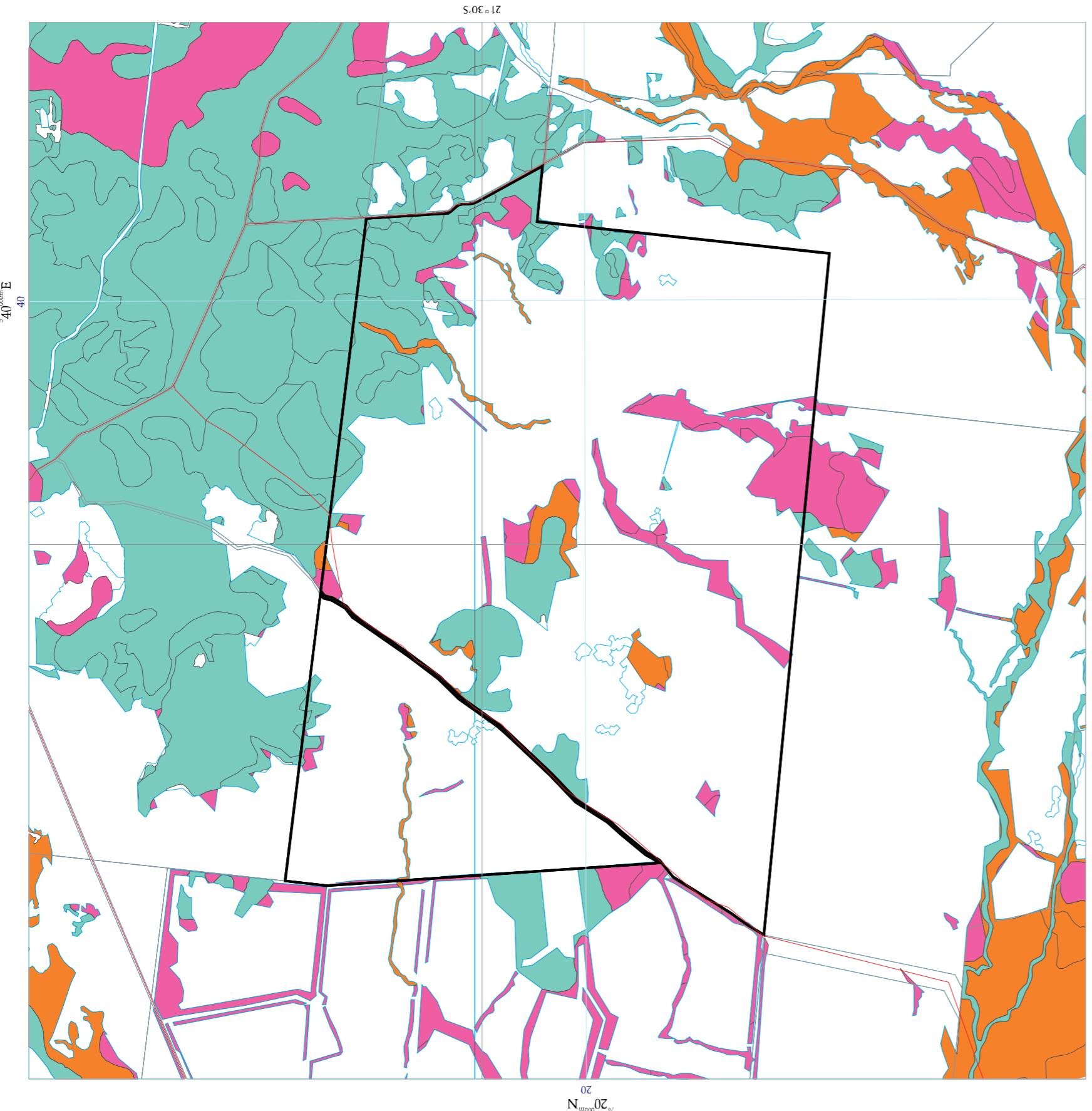
**Disclaimer:**  
While every care is taken to ensure the accuracy of this product, the Department of Natural Resources and Mines (DNRM) and Pitney Bowes Software, makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

All datasets are updated as they become available to provide the most current information as of the date shown on this map.

Additional information is required for the purposes of land clearing or assessment of a regional ecosystem map or PMAV applications. For further information go to the web site: [www.dnm.qld.gov.au/vegetation](http://www.dnm.qld.gov.au/vegetation) or contact the Department of Natural Resources and Mines.

Digital regional ecosystem data is available in shapefile format for Lot Plans from [www.dnm.qld.gov.au/REDATA](http://www.dnm.qld.gov.au/REDATA) or from DNRM for larger areas.





## Vegetation Management Act Essential Habitat Map Version 3.1

Requested By: NED.CONNOLLY@COFFEY.COM

Date: 29 Jun 12 Time: 14:39:49

Centered on Lot on Plan:

5088 SM101

Labels for the Vegetation Management Act Essential Habitat are centred on the subject lot (1.1km surrounding and including a lot on Plan). Labels correlate to the label field in the attached essential habitat database.

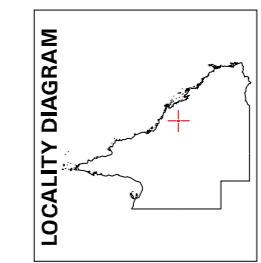
Regional ecosystem linework has been compiled at a scale of 1:100 000, except in designated areas where a compilation scale of 1:50 000 is available. Linework should be used as a guide only. The positional accuracy of RE data mapped at a scale of 1:100 000 is +/-100 metres. The extent of remnant regional ecosystems as of 2006, depicted on this map is based on rectified 2006 Landsat TM imagery (supplied by SLATS, Queensland Government).

**Disclaimer:**  
While every care is taken to ensure the accuracy of this product, the Department of Natural Resources and Mines (DNRM) and Pitney Bowes Software makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all expenses, losses, damages (including indirect or consequential damage) and costs which you might incur as a result of the product being inaccurate or incomplete in any way and for any reason.

All datasets are updated as they become available to provide the most current information as of the date shown on this map.

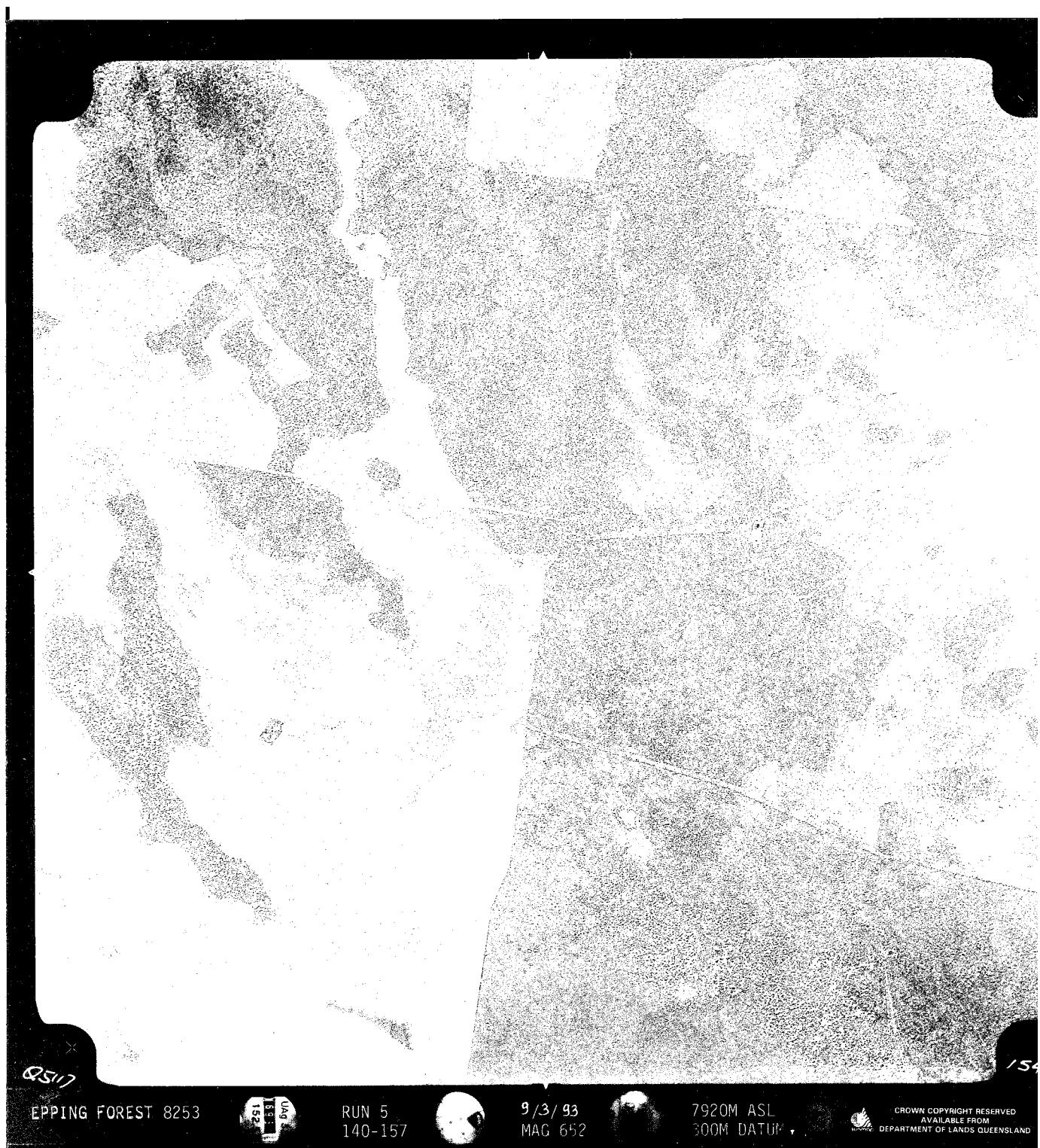
Additional information is required for the purposes of land clearing or assessment of a regional ecosystem map or PMAV applications. For further information go to the web site: [www.derm.qld.gov.au/vegetation](http://www.derm.qld.gov.au/vegetation) or contact the Department of Natural Resources and Mines.

Digital regional ecosystem data is available in shapefile format for Lot on Plans from [www.derm.qld.gov.au/REDATA](http://www.derm.qld.gov.au/REDATA) or from DNRM for larger areas.



## Appendix C Aerial Photography

**Phase 1 Environmental Site Assessment Desktop Study  
Waratah Coal - Galilee Coal Project**



EPPING FOREST 8253



RUN 5  
140-157



9/3/93  
MAG 652

7920M ASL  
300M DATUM



CROWN COPYRIGHT RESERVED  
AVAILABLE FROM  
DEPARTMENT OF LANDS QUEENSLAND

Q5117

EPPING FOREST 8253



RUN 7  
5 -24



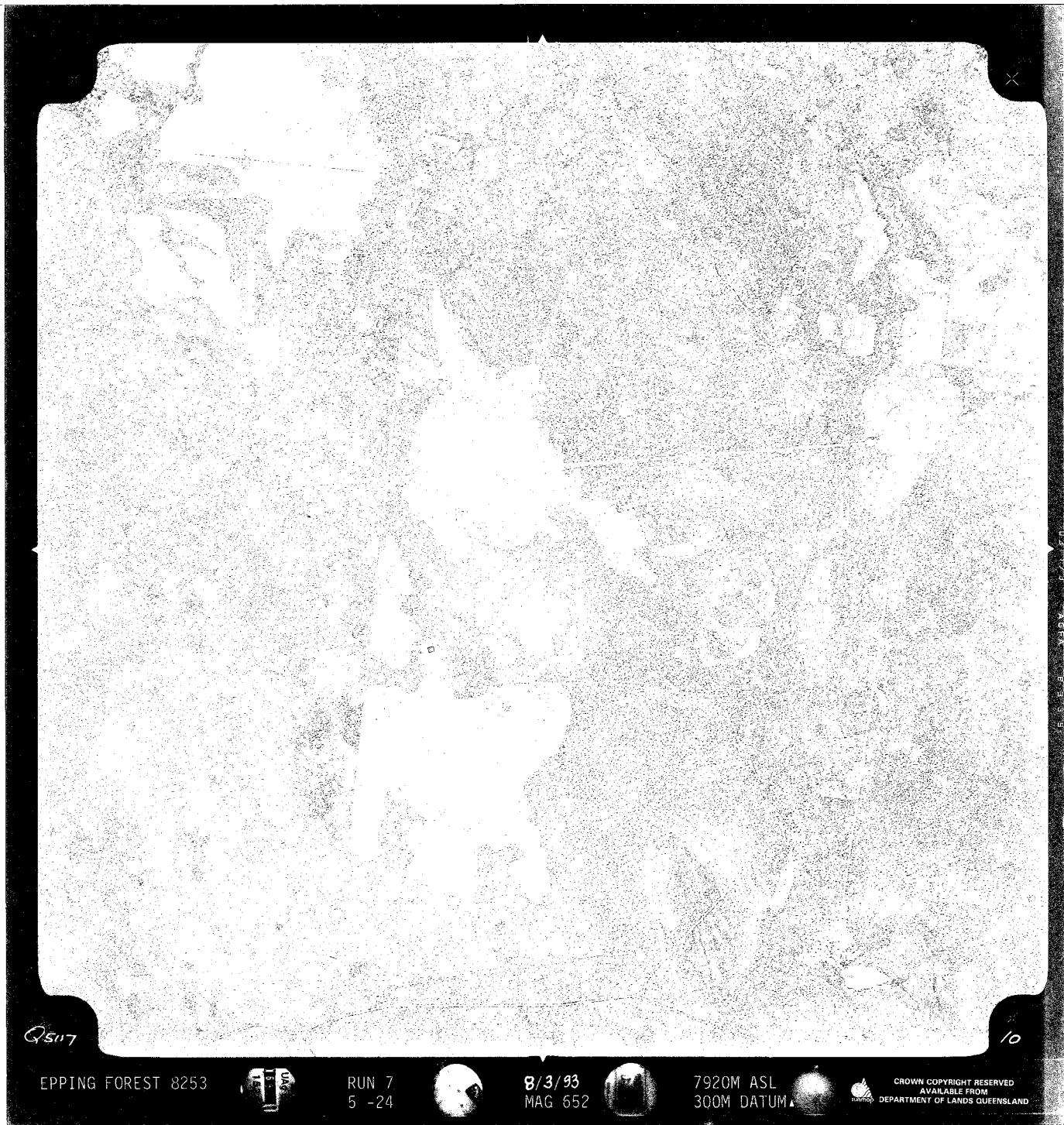
8/3/93  
MAG 652



7920M ASL  
300M DATUM



CROWN COPYRIGHT RESERVED  
AVAILABLE FROM  
DEPARTMENT OF LANDS QUEENSLAND





EPPING FOREST 8253



RUN 7  
5 -24

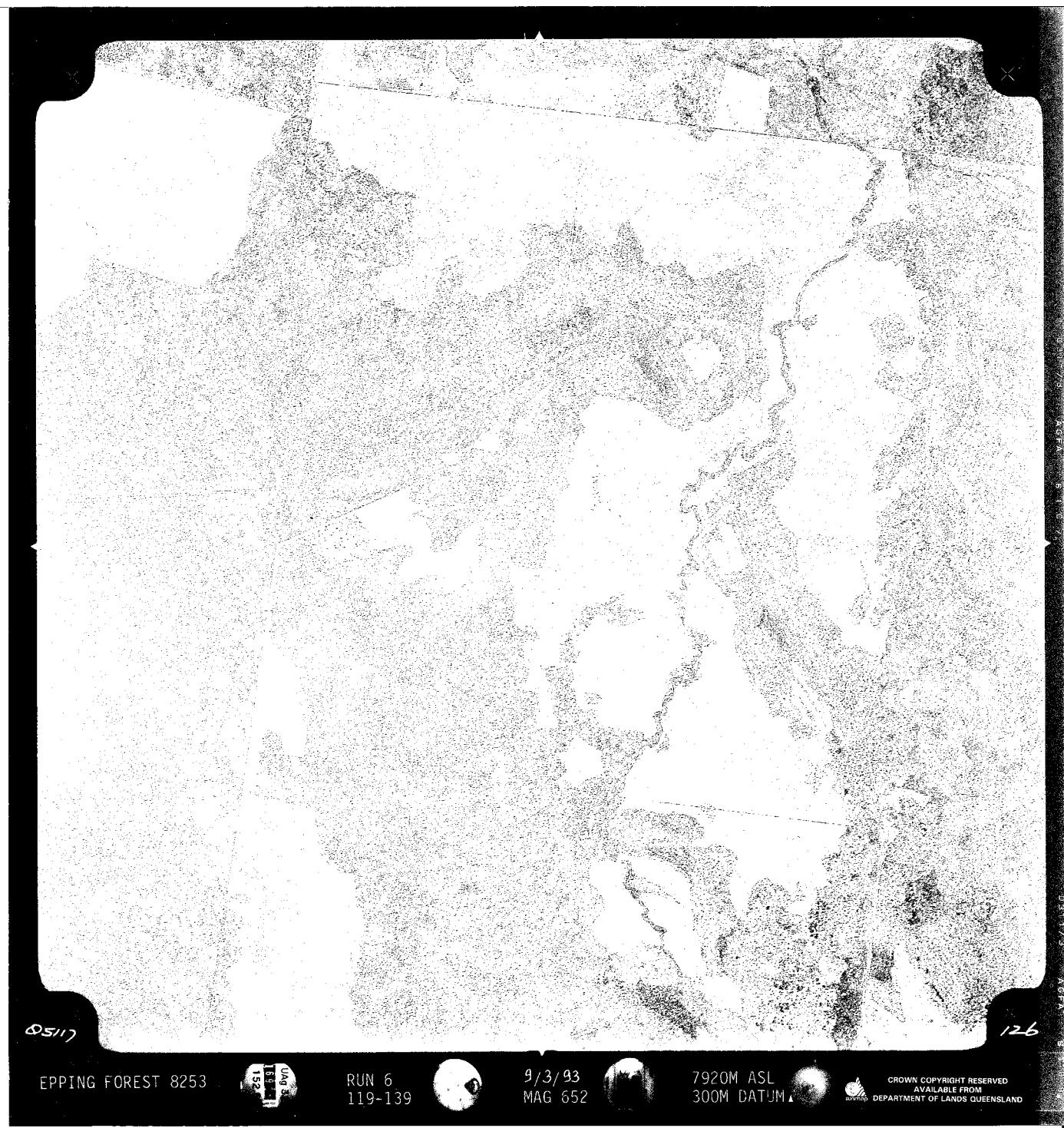


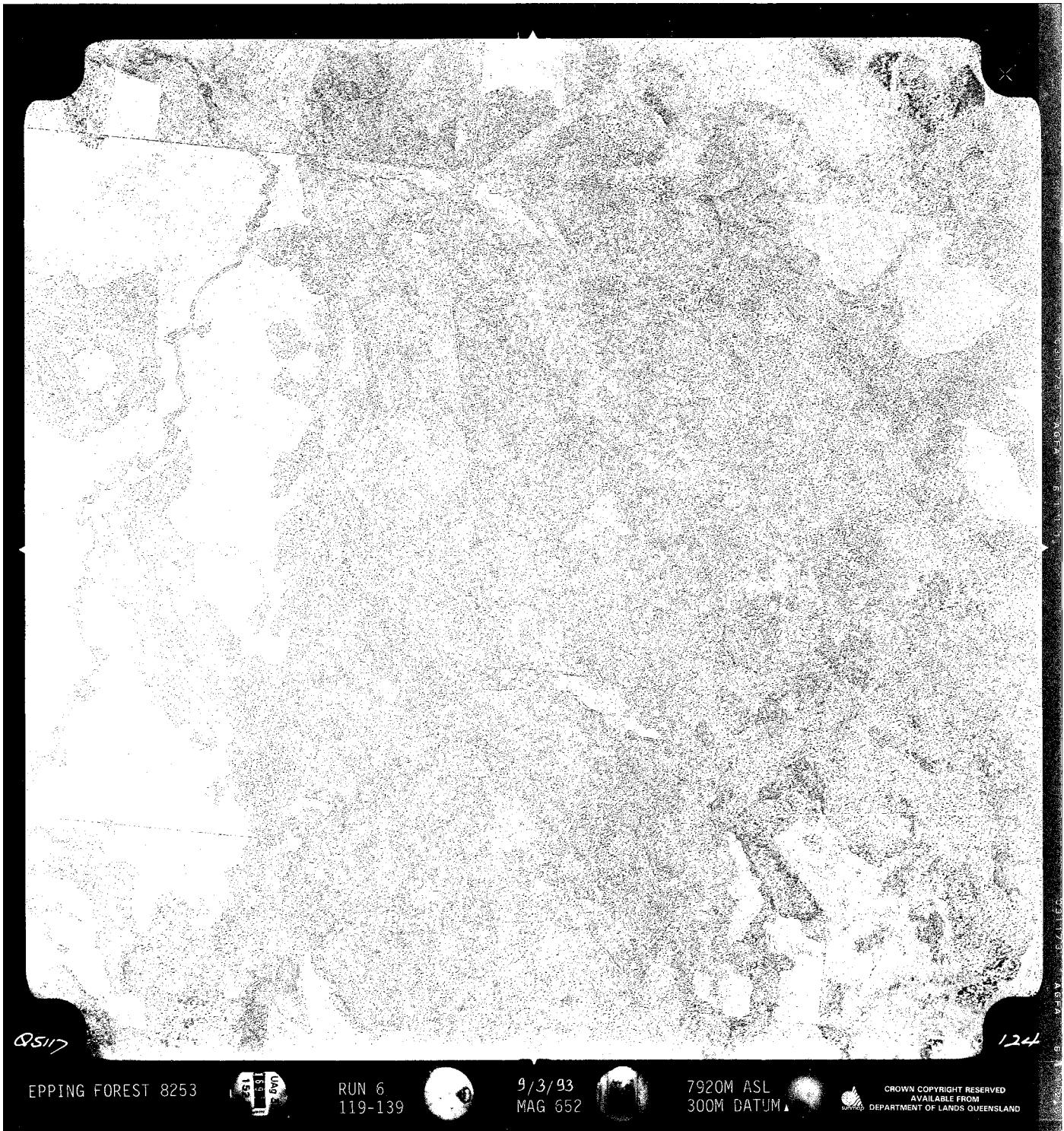
8/3/93  
MAG 652

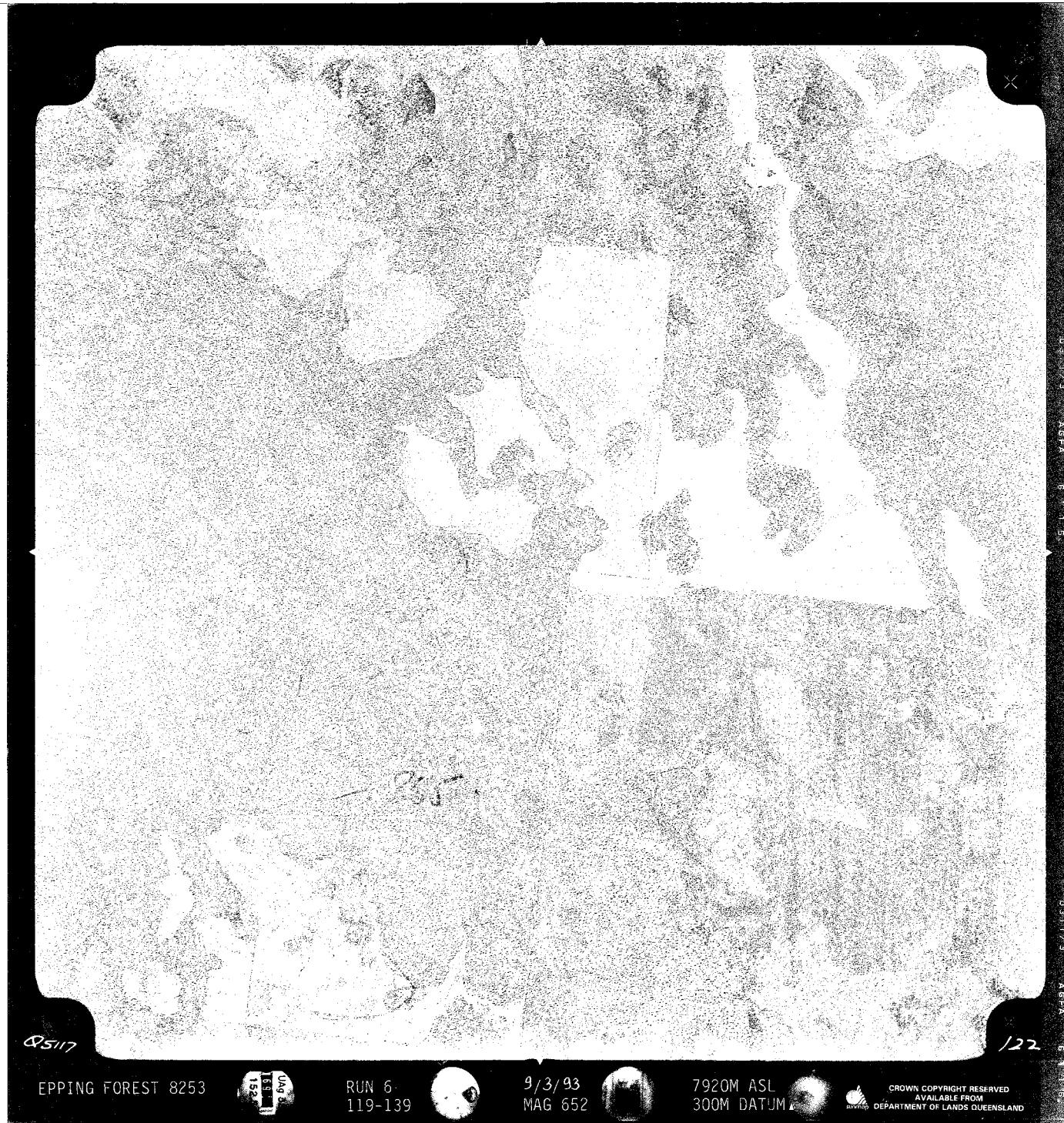
7920M ASL  
300M DATUM



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AVAILABLE FROM  
DEPARTMENT OF LANDS QUEENSLAND







EPPING FOREST 8253



RUN 6  
119-139



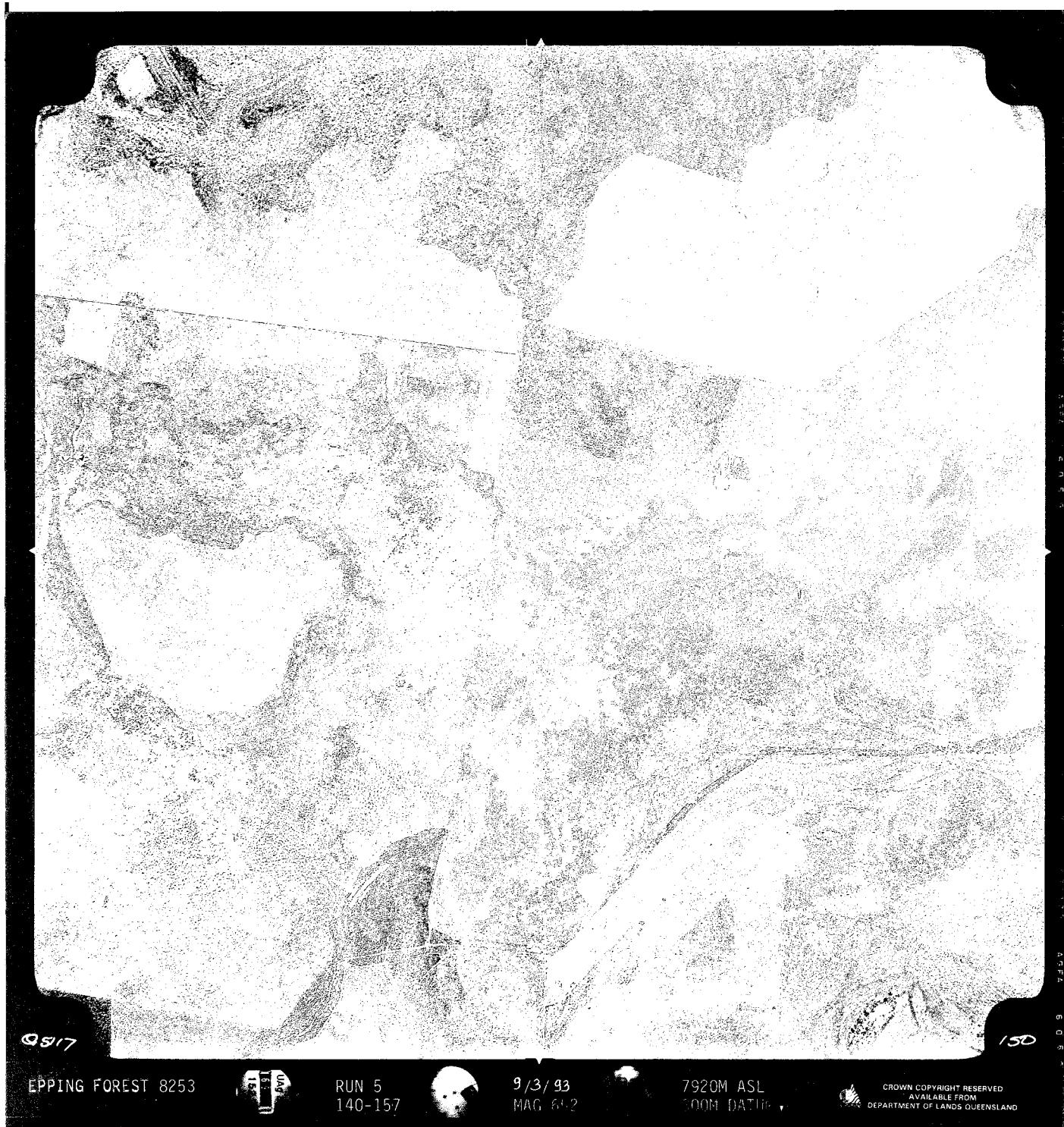
9/3/93  
MAG 652



7920M ASL  
300M DATUM



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DEPARTMENT OF LANDS QUEENSLAND





85117

EPPING FOREST 8253



RUN 5  
140-157



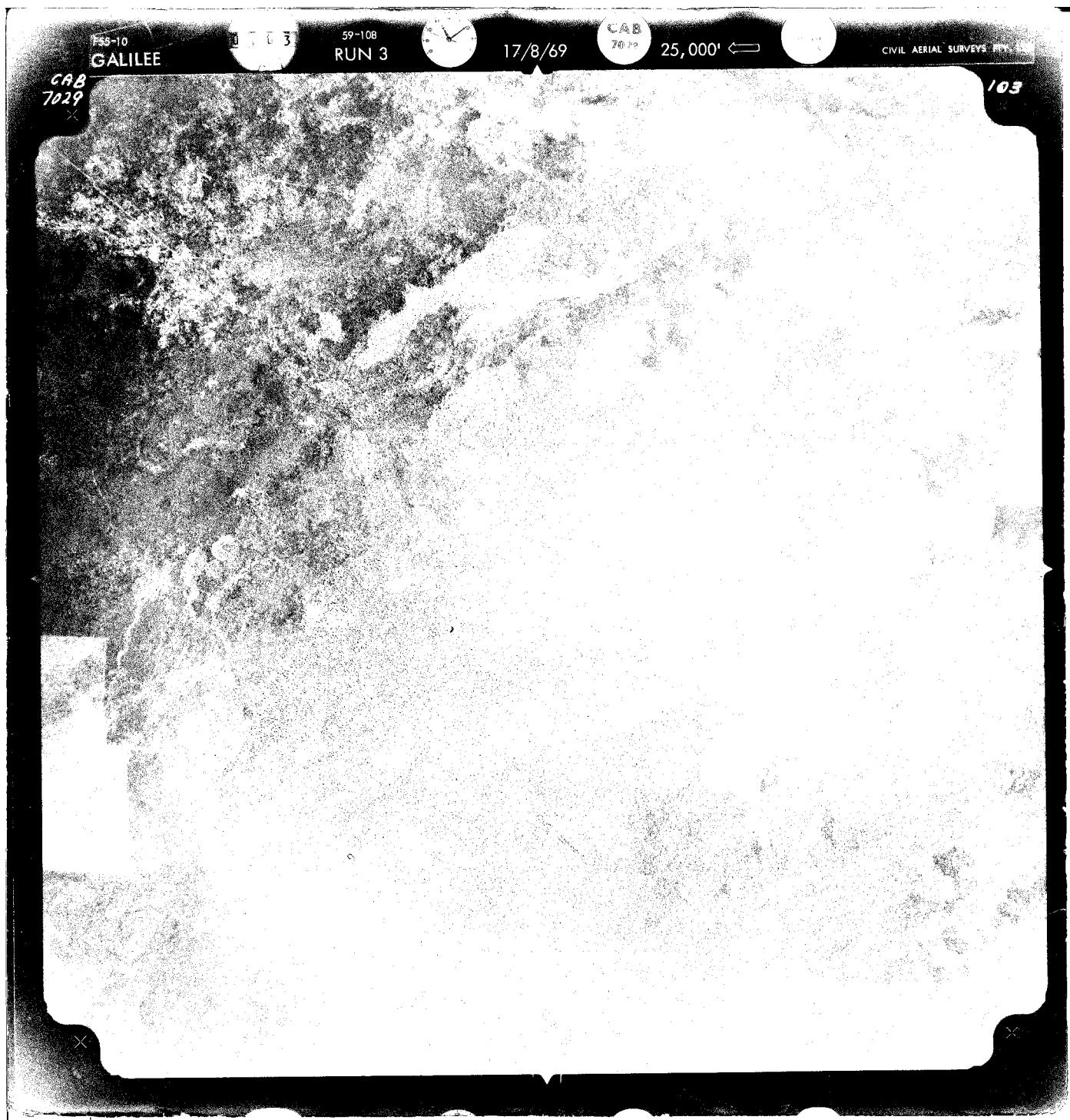
9/3/93  
MAG 652

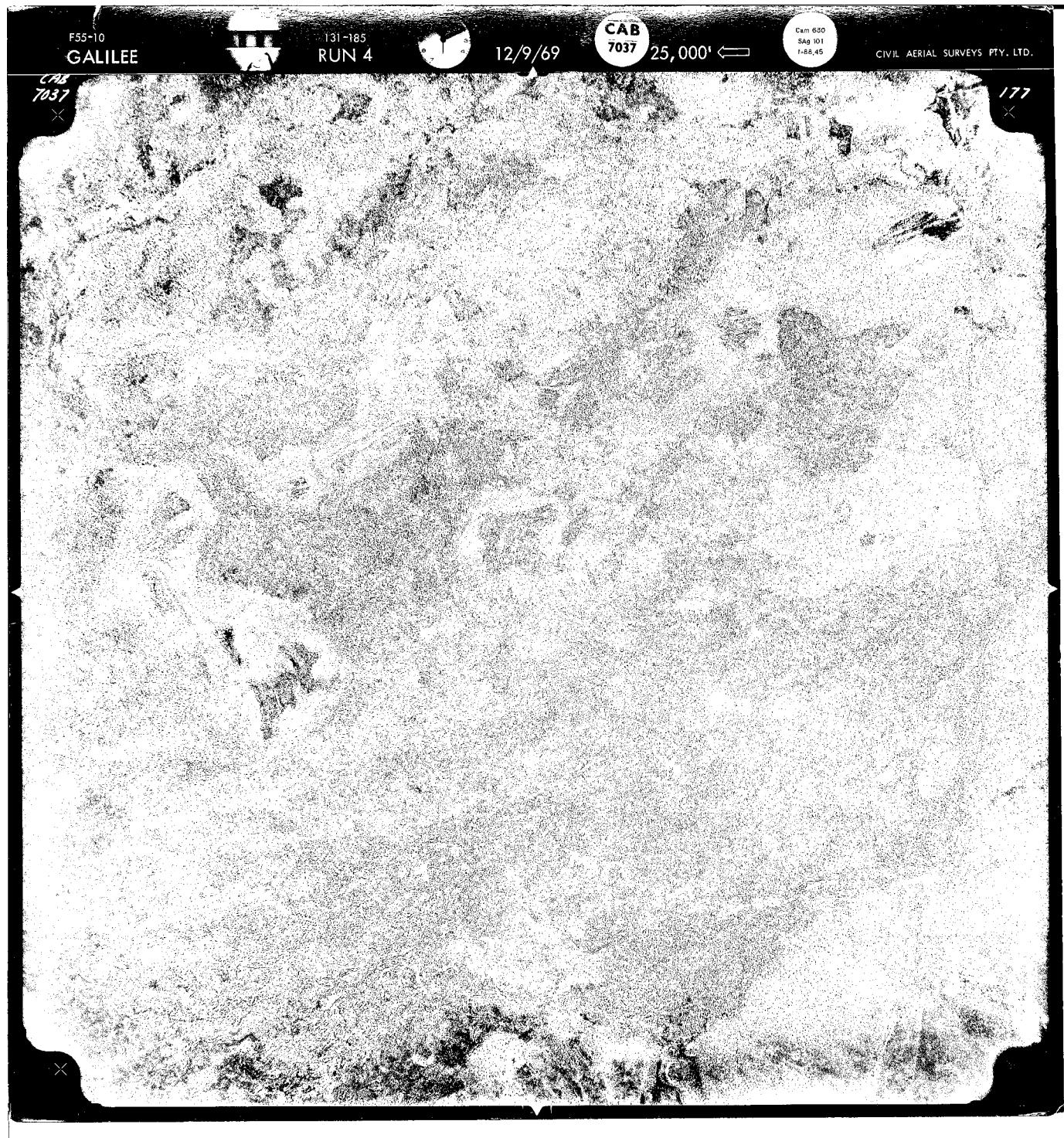
7920M ASL  
300M DATUM



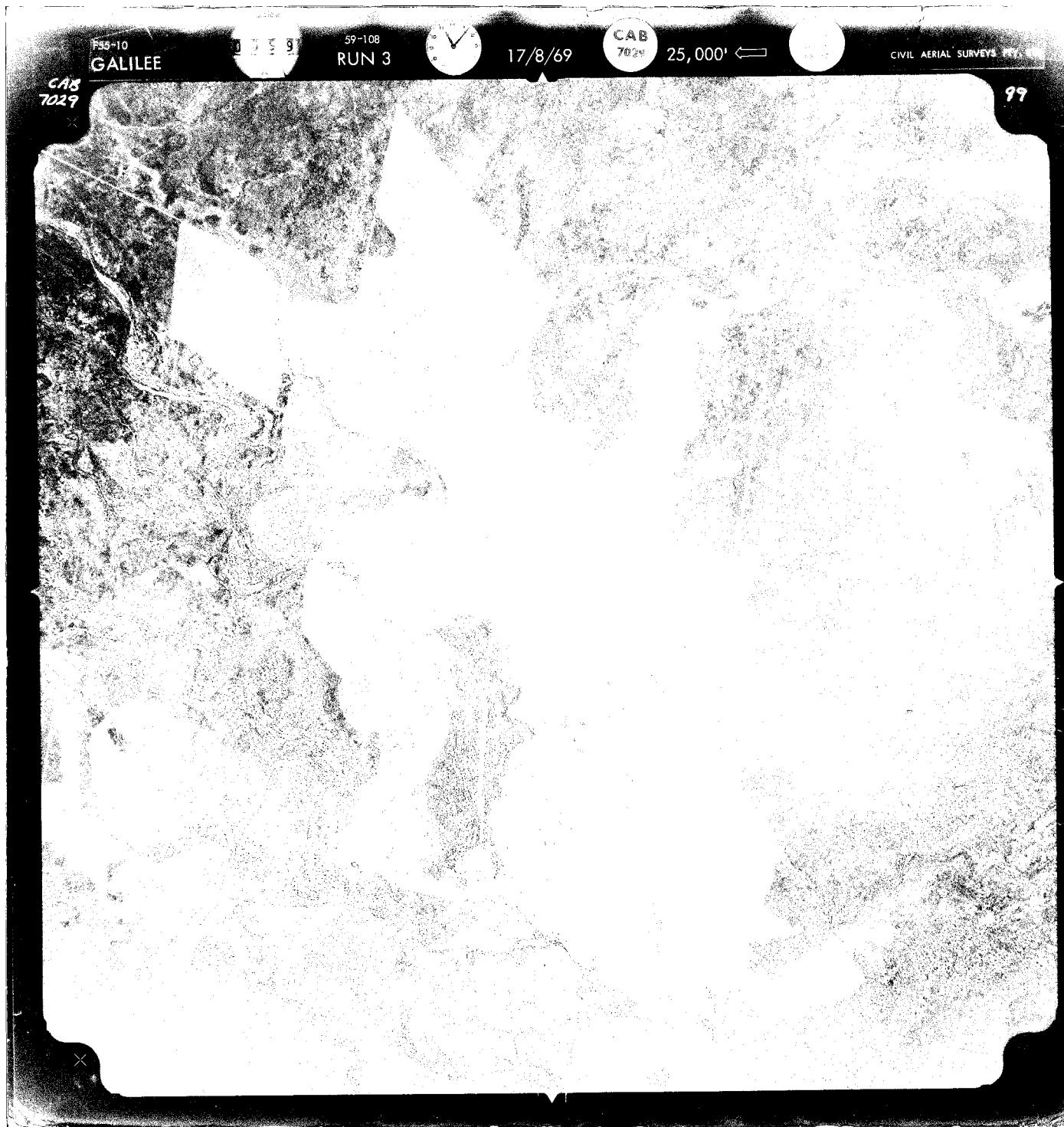
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DEPARTMENT OF LANDS QUEENSLAND

Appendices | Phase 1 Environmental Site Assessment – Contaminated Land

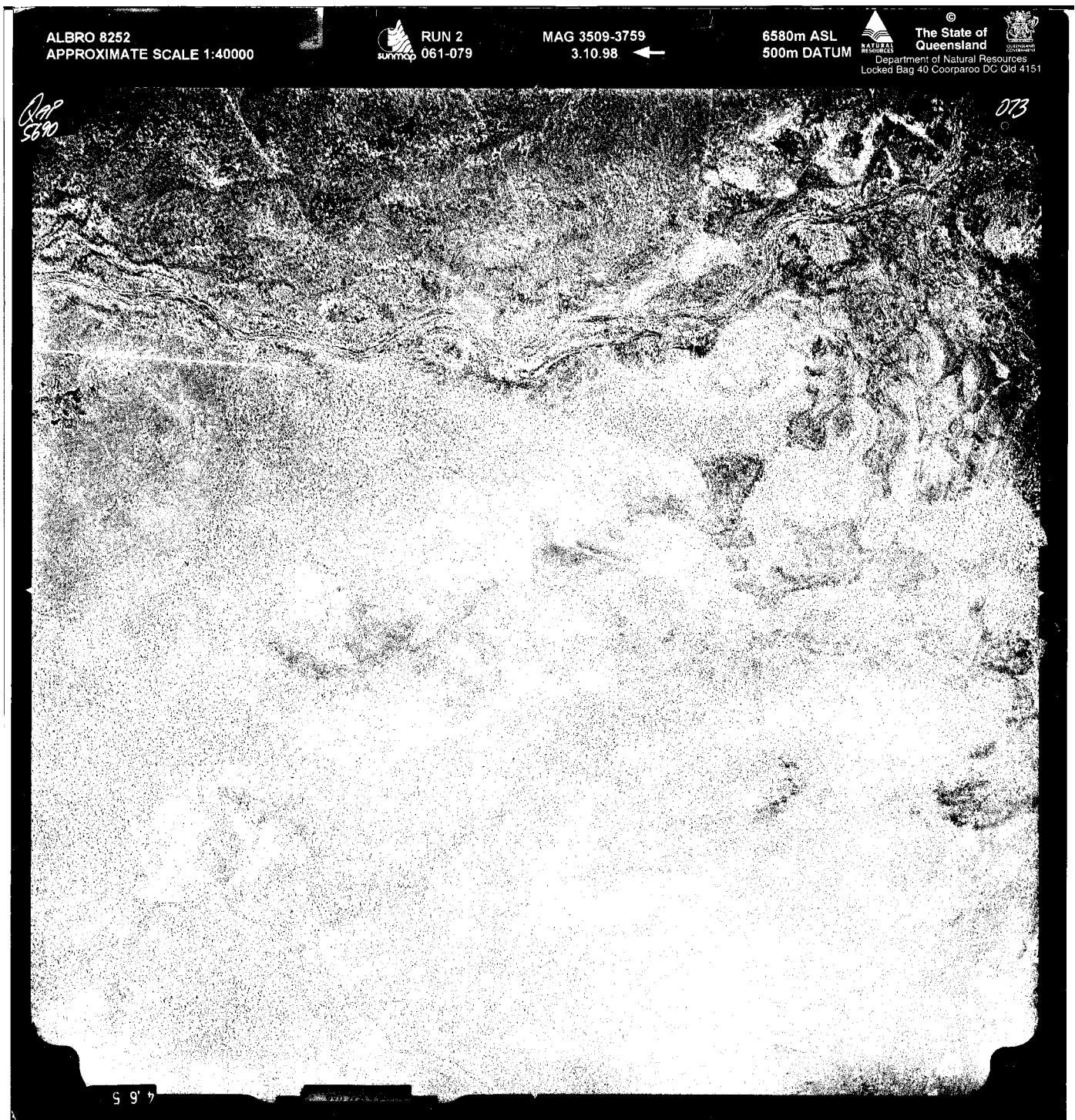


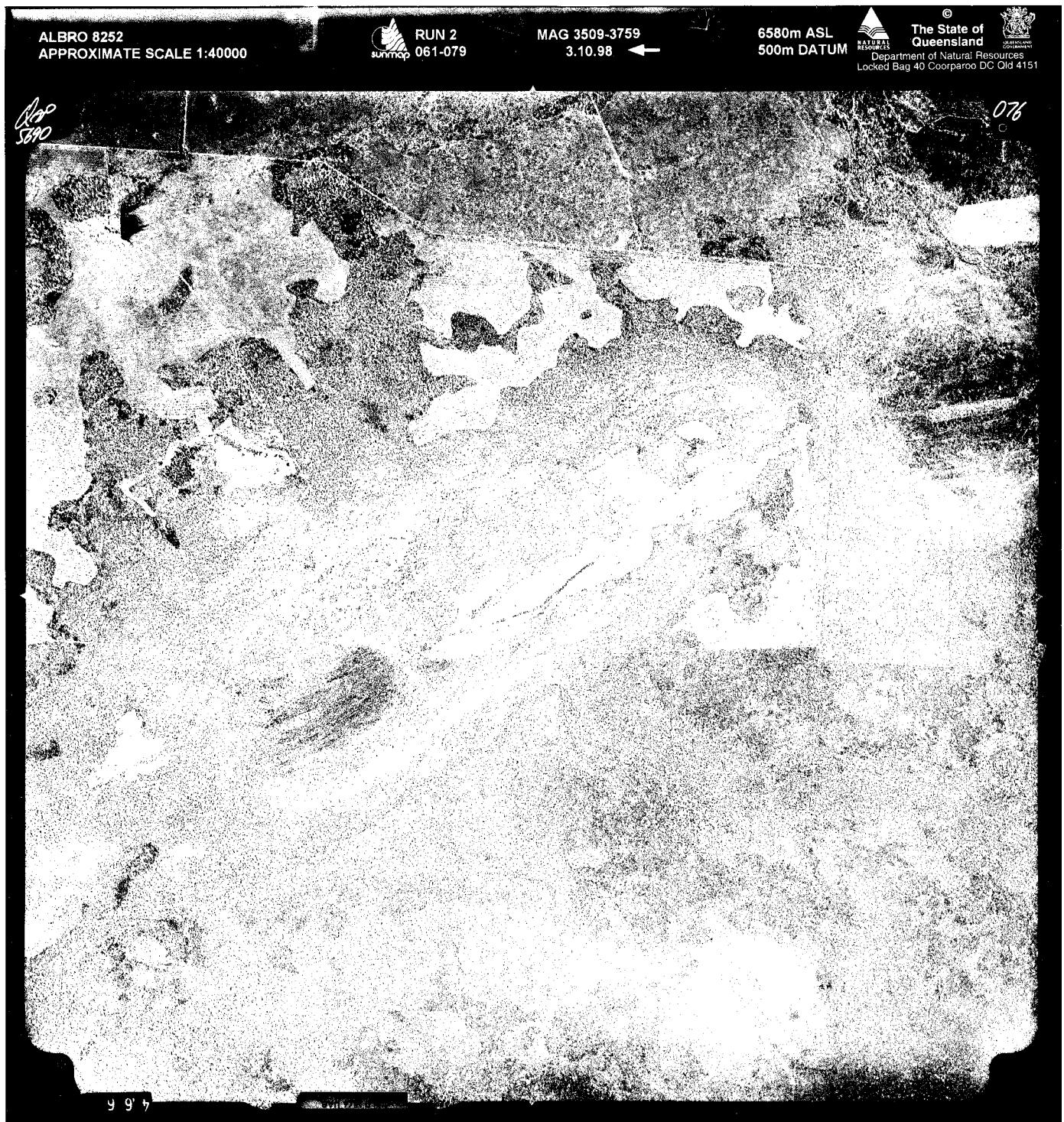




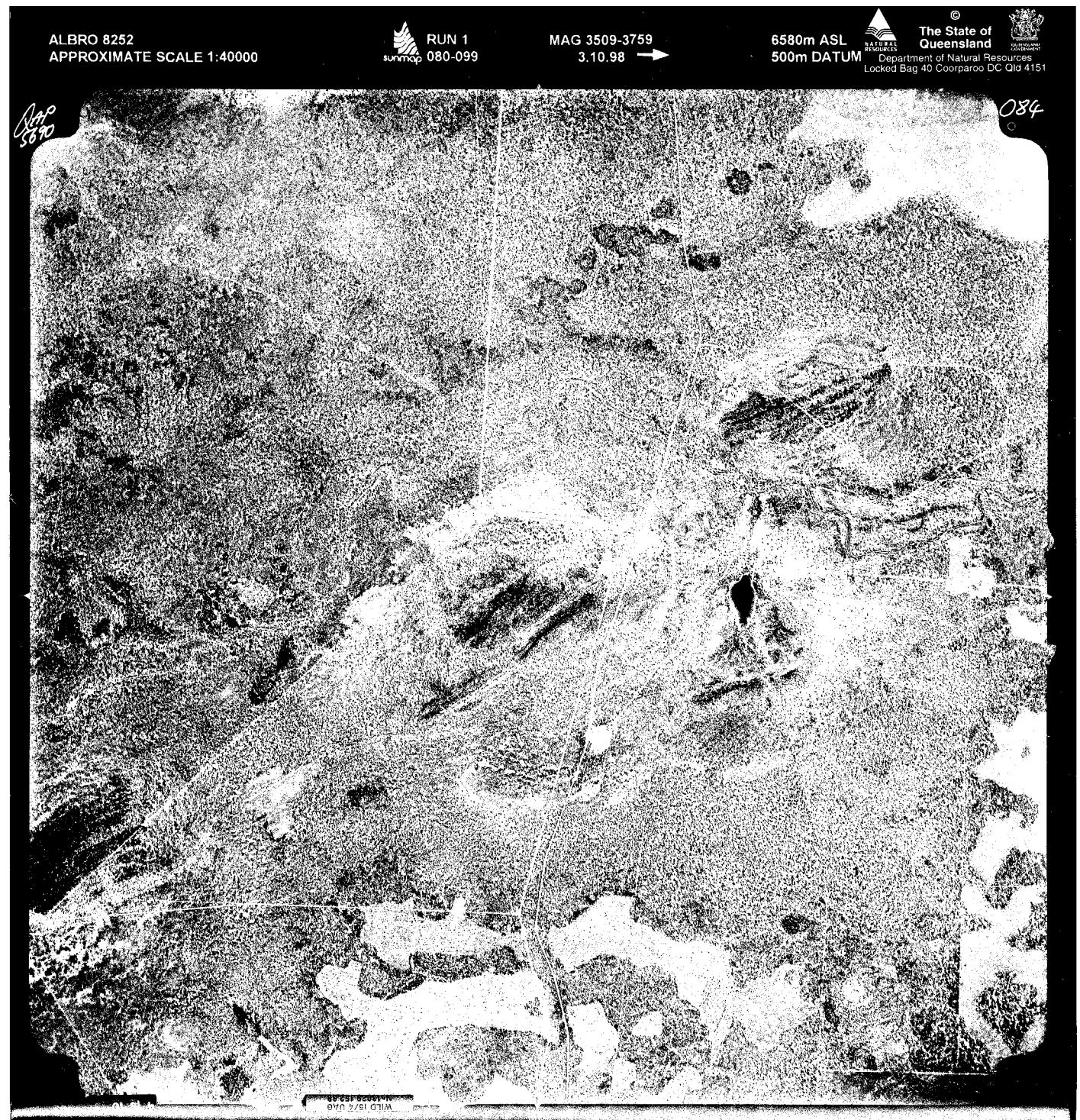


Appendices | Phase 1 Environmental Site Assessment – Contaminated Land





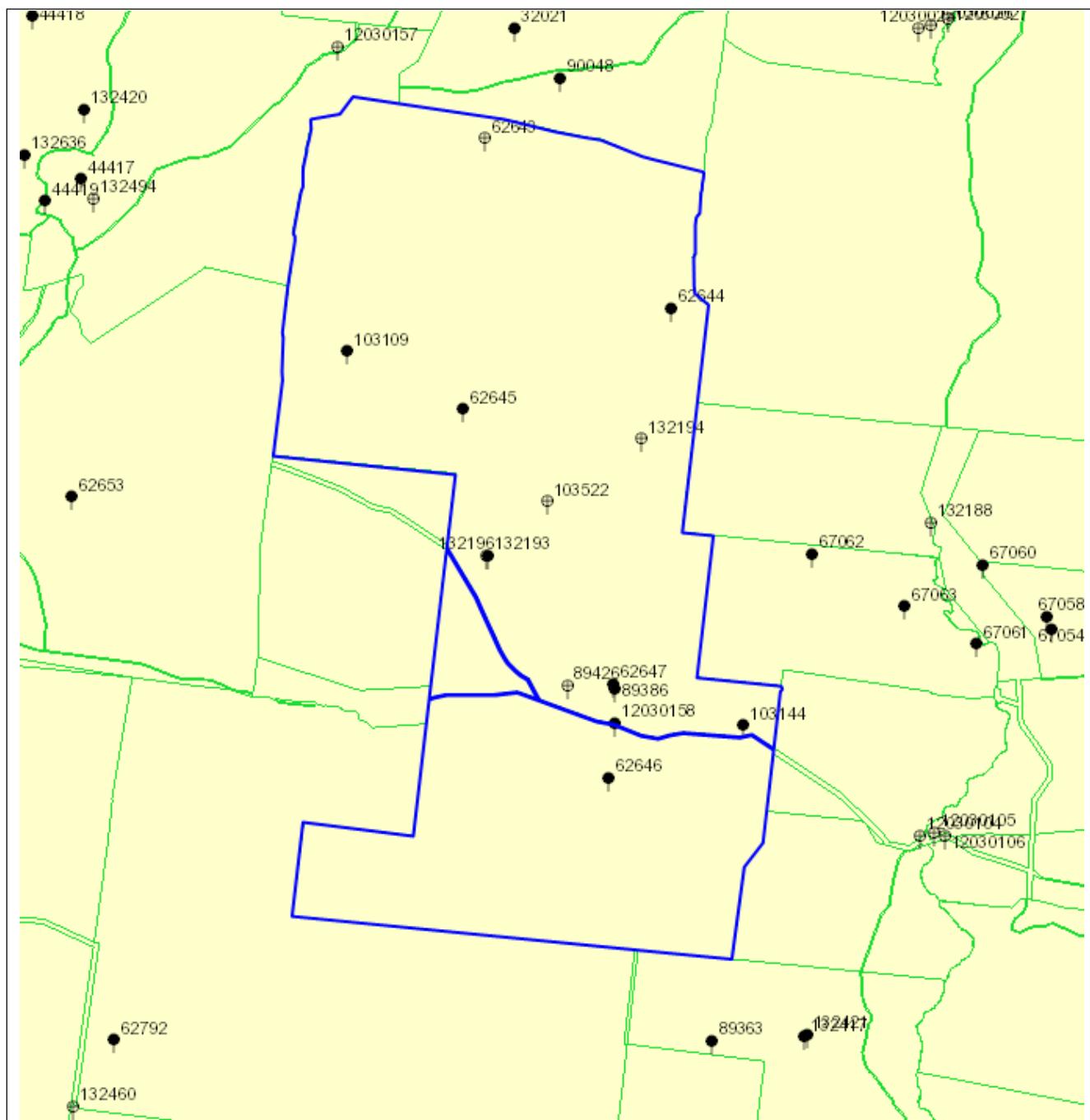
Appendices | Phase 1 Environmental Site Assessment – Contaminated Land



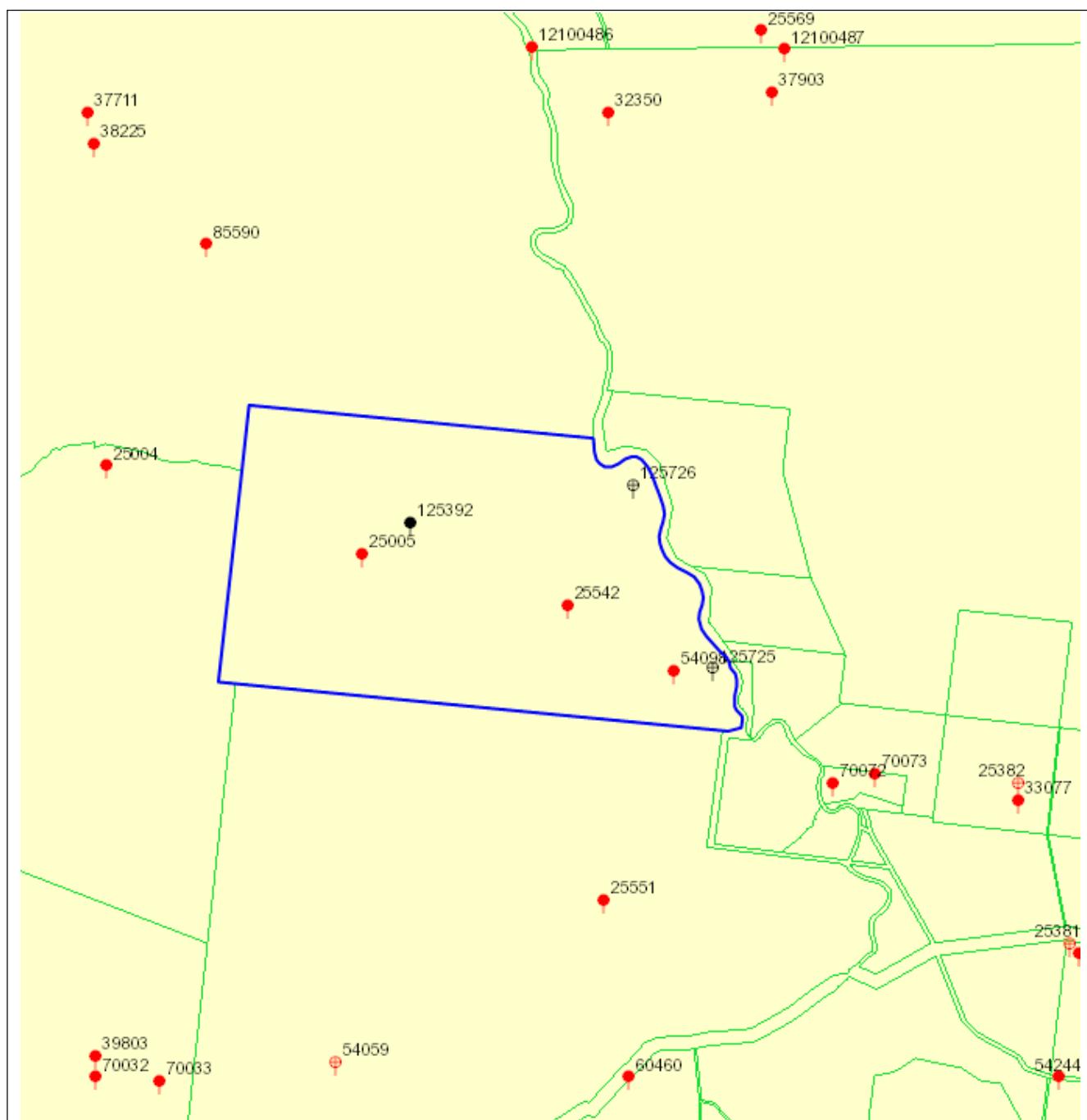
## **Appendix D**

# **Registered Groundwater Bore Search**

**Phase 1 Environmental Site Assessment Desktop Study**  
**Waratah Coal - Galilee Coal Project**



Department of Environment and Resource Management	5,750 0 5,750 Meters	Queensland Government
<p><b>Map Title:</b> Lot 5/RU81 and surrounds</p> <p><b>Plan Number:</b> BLS2132</p> <p>Datum: GDA_1994 Geographic Coordinate System: GCS_GDA_1994</p> <p>Digital Cadastral Database(DCDB) is current at May 2012. Position accuracy of cadastre is not calculated at this given scale.</p> <p>© The State of Queensland (Department of Environment and Resource Management) 2011.</p>	<p>While every care is taken to ensure the accuracy of this data, the Department of Environment and Resource Management, and/or contributors to this publication, makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all injuries, expenses, losses, damages (including indirect or consequential damage) and costs which might be incurred as a result of the data being inaccurate or incomplete in any way or for any reason.</p> 	 <b>Queensland</b> Government



Department of Environment and Resource Management	2,000 0 2,000 Meters	Queensland Government
<p><b>Map Title:</b> Lot 1/SB279 and surrounds</p> <p><b>Plan Number:</b> BLS2232</p> <p>Datum: GDA_1994 Geographic Coordinate System: GCS_GDA_1994</p> <p>Digital Cadastral Database(DCDB) is current at July 2012. Position accuracy of cadastre is between +/- 14 metres and +/- 25 metres.</p> <p>© The State of Queensland (Department of Environment and Resource Management) 2011.</p>	<p>While every care is taken to ensure the accuracy of this data, the Department of Environment and Resource Management, and/or contributors to this publication, makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all injuries, expenses, losses, damages (including indirect or consequential damage) and costs which might be incurred as a result of the data being inaccurate or incomplete in any way or for any reason.</p>  	 <b>Queensland</b> Government

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25004

REGISTRATION DETAILS

OFFICE	Ayr	BASIN	1210	LATITUDE	20-05-16	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	100	LONGITUDE	147-48-19	MAP-SERIES M	
DIO FILE NO.	1346	SHIRE	7340-WHITSUNDAY REGI	EASTING	584125	MAP-NO	8457
RIQ FILE NO.		LOT		NORTHING	7777479	MAP NAME	BOGIE
HQ FILE NO.	L27939B	PLAN		ZONE	55	PROG SECTION	
GIS LAT	-20.087889269	ORIGINAL DESCRIPTION	KURUNGLE HOLDING	ACCURACY		PRES EQUIPMENT WL	
GIS LNG	147.805259878	PARISH NAME	2-ABBOT COUNTY	GPS ACC		ORIGINAL BORE NO	
CHECKED	N	PROPERTY NAME	SALISBURY			BORE LINE	-
FACILITY TYPE SF		FIELD LOCATION				POLYGON	
STATUS EX		DATE DRILLED	21/08/1965			RN OF BORE REPLACED	
ROLES		DRILLERS NAME				DATA OWNER	
		DRILL COMPANY				CONFIDENTIAL	
		METHOD OF CONST.	ROTARY RIG				

CASING DETAILS

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC C	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	21/08/1965		1 Steel Casing (unspecified)			152	0.00	13.10
A	21/08/1965		2 Perforated or Slotted Casing		AP			13.10

STRATA LOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	1.52	TOPSOIL
2	1.52	8.53	CLAY SANDY
3	8.53	19.81	GRANITE DECOMPOSED
902		21/08/1965 SWL	-7.00 M TMP NUL C
903		21/08/1965 DISCH	27.3 M3D DRILLER
910	8.00	19.00	QUALITY DESCRIPT/CONDCT: 1100

STRATIGRAPHY DETAILS

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25004

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND (uS/cm)	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH				
PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	AI	B	Cu	
PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG
A	21/08/1965	1 GCL	032888	13.00	PU GB	1100	7.8	912.40	654.18	251	417	0.7	4.6	33.0					
A	21/08/1965	1	169.0	52.8	29.0	508.0													

**REG NUMBER 25004**

PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG
------	------	-------------	-----	-----	------	------	-------------	-----	-----	------	------	-------------	-----	-----

A	21/08/1965	-7.00	N
---	------------	-------	---

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PIPE	DATE	DEPTH (m)	COND ( $\mu\text{S}/\text{cm}$ )	FIELD MEASUREMENTS			DO (mg/L)	$E_h$ (mV)	ALK	METH	SOURCE
				pH	TEMP (C)	NO3 (mg/L)					
A	21/08/1965		1100								GB

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDET	FIELDQ
Y 20/08/1992	Y 03/02/1993	Y 03/03/1993	Y 06/05/1993		Y 30/03/1993	Y 30/03/1993	

WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
Y 03/03/1993							

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25005

**REGISTRATION DETAILS**

OFFICE	Ayr	BASIN	1210	LATITUDE	20-05-59	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	100	LONGITUDE	147-50-24	MAP-SERIES	M
D/O FILE NO.	1346	SHIRE	7340-WHITSUNDAY REGI	EASTING	587745	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7776109	MAP NAME BOGIE	
H/O FILE NO.	L27939B	PLAN		ZONE	55	PROG SECTION	
		ORIGINAL DESCRIPTION	KURUNGLIE HOLDING	ACCURACY		PRES EQUIPMENT WL	
GIS LAT	-20.099833785	PARISH NAME	2-ABBOT	GPS ACC		ORIGINAL BORE NO	
GIS LNG	147.839981622	COUNTY	SALISBURY			BORE LINE	-
CHECKED N		PROPERTY NAME				POLYGON	
		FIELD LOCATION				RN OF BORE REPLACED	
FACILITY TYPE SF		DATE DRILLED	22/10/1966			DATA OWNER	
STATUS EX		DRILLERS NAME				CONFIDENTIAL	
ROLES		DRILL COMPANY					
		METHOD OF CONST.	ROTARY RIG				

**CASING DETAILS**

PIPE	DATE	RECORD	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	22/08/1965		1 Steel Casing (unspecified)					
A	22/08/1965		2 Perforated or Slotted Casing					

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	0.61	LOAM SANDY
2	0.61	3.96	CLAY SANDY
3	3.96	8.84	GRA-NITE DECOMPOSED
4	8.84	13.72	GRANITE
902			22/08/1965 SWL -4.50 M TMP NUL C
903			22/08/1965 DISCH 38.2 M3D DRILLER
910	3.00	8.00	QUALITY DESCRIPT/CONDUCT: 3650

## REG NUMBER 25005

SOURCE	RECORD NUMBER	STRATIGRAPHY DETAILS		STRATA DESCRIPTION
		STRATA TOP (m)	STRATA BOT (m)	
DNR	1	0.00	8.80	UPPER CARB
<u>AQUIFER DETAILS</u>				
REC	TOP BED(M)	BOTTOM BED(M)	LITHOLOGY	DATE
1	3.00	8.00	GRNT	
				SWL (m)
				FLOW (l/s)
				QUALITY
				YIELD CTR
				CONDIT
				FORMATION NAME
				WZ
				UPPER CARB

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 1

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND (uS/cm)	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH
A	22/08/1965	1 GCL	032894	9.00	PU GB	3650	8.1		2176.50	1780.03	559	640	3.4	1.4	1.61

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	AI	B	Cu
A	22/08/1965	1	75.0	64.0	97.0			780.0			928.0	7.50		225.0				
<u>WATER LEVEL DETAILS</u>																		
PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK LOG

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25005

PIPE	DATE	MEASURE	N/R	RMK	LOG	PIPE	DATE	MEASURE	N/R	RMK	LOG	PIPE	DATE	MEASURE	N/R	RMK	LOG
------	------	---------	-----	-----	-----	------	------	---------	-----	-----	-----	------	------	---------	-----	-----	-----

A	22/08/1965	-4.50	N
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WIRELINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PIPE	DATE	DEPTH (m)	COND ( $\mu\text{S}/\text{cm}$ )	FIELD MEASUREMENTS			DO (mg/L)	$E_h$ (mV)	ALK	METH	SOURCE
				pH	TEMP (C)	NO3 (mg/L)					
A	22/08/1965	3650									GB

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDET	FIELDQ
Y 20/08/1992	Y 03/02/1993	Y 03/03/1993	Y 06/05/1993	Y 06/05/1993	Y 30/03/1993	Y 30/03/1993	Y 30/03/1993

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
Y 03/03/1993							

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

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REG NUMBER 25382

**REGISTRATION DETAILS**

OFFICE	Ayr	BASIN	1210	LATITUDE	20-07-51	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	210	LONGITUDE	147-55-44	MAP-SERIES	M
D/O FILE NO.	2120	SHIRE	7340-WHITSUNDAY REGI	EASTING	597015	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7772549	MAP NAME BOGIE	
H/O FILE NO.	L29636B	PLAN		ZONE	55	PROG SECTION	
		ORIGINAL DESCRIPTION		ACCURACY		PRES EQUIPMENT	NE
GIS LAT	-20.130944531	PARISH NAME	6-ABERDEEN	GPS ACC		ORIGINAL BORE NO	
GIS LNG	147.928869559	COUNTY	HERBERT			BORE LINE	-
CHECKED	N	PROPERTY NAME				POLYGON	
FACILITY TYPE	SF	FIELD LOCATION				RN OF BORE REPLACED	
STATUS	AD					DATA OWNER	
ROLES						CONFIDENTIAL	

DATE DRILLED 26/07/1967  
DRILLERS NAME  
DRILL COMPANY  
METHOD OF CONST. PICK AND SHOVEL

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	26/07/1967	1	Concrete Liner for Wells			914	0.00	19.80

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
902		26/07/1967 SWL	-9.10 M TMP NUL C
903		26/07/1967 DISCH	21.8 M3D ESTIMAT

**STRATIGRAPHY DETAILS**

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
DNR	1			GRANITE

**AQUIFER DETAILS**

1187

1187

Appendices | Phase 1 Environmental Site Assessment – Contaminated Land

**GROUNDWATER DATABASE**  
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REG NUMBER 25382

REC	TOP BED(M)	BOTTOM BED(M)	BED LITHOLOGY	DATE	SWL (m)	FLOW	QUALITY	YIELD (l/s)	CTR CONDIT	FORMATION NAME
1	18.00	19.00	GNTE						WZ	GRANITE

PUMP TEST DETAILS PART 1  
\*\*\*\* NO RECORDS FOUND \*\*\*\*PUMP TEST DETAILS PART 2  
\*\*\*\* NO RECORDS FOUND \*\*\*\*BORE CONDITIONNO RECORDS FOUND \*\*\*\*ELEVATION DETAILSNO RECORDS FOUND \*\*\*\*WATER ANALYSIS PART 1NO RECORDS FOUND \*\*\*\*WATER ANALYSIS PART 2NO RECORDS FOUND \*\*\*\*

PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG
A	26/07/1967	-9.10	N											

WIRELINE LOG DETAILSNO RECORDS FOUND \*\*\*\*FIELD MEASUREMENTSNO RECORDS FOUND \*\*\*\*SPECIAL WATER ANALYSIS

GROUNDWATER DATABASE  
BORE CARD REPORT - PUBLISHABLE  
DATE 02/07/2012  
REG NUMBER 25382

\*\*\*\* NO RECORDS FOUND \*\*\*\*

<u>VALIDATION LOG - PART 1</u>					
<b>REGDET</b>	<b>CASING</b>	<b>STRLOG</b>	<b>AQUIFR</b>	<b>PUM TES</b>	<b>ELVDET</b>
Y 20/08/1992	Y 04/02/1993				Y 30/03/1993

<u>VALIDATION LOG - PART 2</u>					
<b>WATANL</b>	<b>SAMPLE</b>	<b>STRTIG</b>	<b>WIRLOG</b>	<b>MULCND</b>	<b>BRCOND</b>

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25541

**REGISTRATION DETAILS**

OFFICE	Ayr	BASIN	1210	LATITUDE	20-07-44	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	100	LONGITUDE	147-46-44	MAP-SERIES	M
D/O FILE NO.	1346	SHIRE	7340-WHITSUNDAY REGI	EASTING	58-1345	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7773019	MAP NAME BOGIE	
H/O FILE NO.	L27939B	PLAN	P1	ZONE	55	PROG SECTION	
GIS LAT	-20.129000324	ORIGINAL DESCRIPTION		ACCURACY		PRES EQUIPMENT	CA
GIS LNG	147.778871305	PARISH NAME	2-ABBOT	GPS ACC		ORIGINAL BORE NO	
CHECKED	N	COUNTY	SALISBURY			BORE LINE	-
FACILITY TYPE	SF	PROPERTY NAME				POLYGON	
STATUS	EX	FIELD LOCATION				RN OF BORE REPLACED	
ROLES						DATA OWNER	
						CONFIDENTIAL	

DATE DRILLED 11/08/1965  
DRILLERS NAME  
DRILL COMPANY  
METHOD OF CONST. ROTARY RIG

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	11/08/1965		1 Steel Casing (unspecified)			152	0.00	15.20
A	11/08/1965		2 Open End			18.30		

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	1.52	LOAM SANDY
2	1.52	8.23	CLAY SANDY
3	8.23	17.37	GRA-NITE DECOMPOSED
4	17.37	18.29	GRANITE
902			11/08/1965 SWL -7.00 M TMP NUL C
903			11/08/1965 DISCH 70.9 M3D ESTIMAT
910	8.00	17.00	QUALITY DESCRIPT/CONDUCT: 1900

REG NUMBER 25541

SOURCE	RECORD NUMBER	STRATIGRAPHY DETAILS		STRATA DESCRIPTION
		STRATA TOP (m)	STRATA BOT (m)	
DNR	1	0.00	18.30	UPPER CARB
<u>AQUIFER DETAILS</u>				
REC	TOP BED(M)	BOTTOM BED(M)	LITHOLOGY	SWL (m)
1	8.00	17.00	GRTE	WZ

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 1

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND (uS/cm)	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH
A	11/08/1965	1 GCL	032887	13.00	PU GB	1900	8.1		1416.00	1148.13	423	458	0.7	6.3	0.68

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	AI	B	Cu
A 11/08/1965	1	297.0	33.6	82.5	527.0	15.2	320.0	0.70					140.0					

PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	(m)

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25541

	PIPE	DATE	MEASURE	N/R	RMK	LOG	PIPE	DATE	MEASURE	N/R	RMK	LOG
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A	11/08/1965	-7.00	N
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WIRELINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

	PIPE	DATE	DEPTH (m)	COND ( $\mu\text{S}/\text{cm}$ )	COND 1900	FIELD MEASUREMENTS	pH	TEMP (C)	NO3 (mg/L)	DO (mg/L)	Eh (mV)	ALK	METH	SOURCE
A	11/08/1965													GB

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDET	FIELDQ
Y	20/08/1992	Y	03/03/1993	Y	10/05/1993	Y	30/03/1993

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
Y	03/03/1993						

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
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REG NUMBER 25542

**REGISTRATION DETAILS**

OFFICE	Ayr	BASIN	1210	LATITUDE	20-06-24	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	100	LONGITUDE	147-52-04	MAP-SERIES	M
D/O FILE NO.	1346	SHIRE	7340-WHITSUNDAY REGI	EASTING	590645	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7775299	MAP NAME BOGIE	
H/O FILE NO.	L27939B	PLAN	P1	ZONE	55	PROG SECTION	
GIS LAT	-20.106778178	ORIGINAL DESCRIPTION		ACCURACY		PRES EQUIPMENT	CA
GIS LNG	147.867759089	PARISH NAME	2-ABBOT	GPS ACC		ORIGINAL BORE NO	
CHECKED	N	COUNTY	SALISBURY			BORE LINE	-
FACILITY TYPE	SF	PROPERTY NAME				POLYGON	
STATUS	EX	FIELD LOCATION				RN OF BORE REPLACED	
ROLES		DATE DRILLED	22/08/1965			DATA OWNER	
		DRILLERS NAME				CONFIDENTIAL	
		DRILL COMPANY					
		METHOD OF CONST.	CABLE TOOL				

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	22/08/1965		1 Steel Casing (unspecified)					
A	22/08/1965		2 Perforated or Slotted Casing					

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	3.35	SAND FINE
2	3.35	6.10	GRANITE DECOMPOSED
3	6.10	6.71	GRA NITE RED
902			22/08/1965 SWL -2.10 M TMP NUL C
903			22/08/1965 DISCH 21.8 M3D DRILLER
910	3.00	6.00	QUALITY DESCRIPT/CONDUCT: 1450

**STRATIGRAPHY DETAILS**

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25542

DATE 02/07/2012

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA DESCRIPTION							
DNR	1	0.00								
				AQUIFER DETAILS						
				SWL (m)	FLOW (l/s)	QUALITY	YIELD CTR (l/s)	COND	FORMATION NAME	
1	3.00	6.00	GRANITE					WZ	GRANITE	

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 1

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND (µS/cm)	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH
A	22/08/1965	1 GCL	032889	7.00	PU GB	1450	8.2		858.55	779.26	404	128	1.3	3.1	

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A 22/08/1965	1	141.0	92.8	41.8		156.0					376.0	0.95		50.0				

**REG NUMBER 25542**

PIPE	DATE	MEASURE	N/R	RMK	LOG	PIPE	DATE	MEASURE	N/R	RMK	LOG
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A	22/08/1965	-2.10	N								
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WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PIPE	DATE	DEPTH (m)	COND ( $\mu\text{S}/\text{cm}$ )	FIELD MEASUREMENTS			DO (mg/L)	$E_h$ (mV)	ALK	METH	SOURCE
				pH	TEMP (C)	NO3 (mg/L)					
A	22/08/1965		1450								GB

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDET	FIELDQ
Y	20/08/1992	Y	03/03/1993	Y	10/05/1993	Y	30/03/1993

WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
Y	03/03/1993						

<u>GENERAL NOTES</u>							
**** NO RECORDS FOUND ****							

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25551

REGISTRATION DETAILS

OFFICE	Ayr	BASIN	1200	LATITUDE	20-08-48	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	000	LONGITUDE	147-52-22	MAP-SERIES	M
D/O FILE NO.	1825	SHIRE	7340-WHITSUNDAY REGI	EASTING	591145	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7770909	MAP NAME BOGIE	
H/O FILE NO.	L27962B	PLAN		ZONE	55	PROG SECTION	
		ORIGINAL DESCRIPTION	P4/V	ACCURACY		PRES EQUIPMENT WL	
GIS LAT	-20.146777965	PARISH NAME	1799-ETON VALE	GPS ACC		ORIGINAL BORE NO	HAVLOCK BORE
GIS LNG	147.872759073	COUNTY	SALISBURY			BORE LINE	-
CHECKED N		PROPERTY NAME				POLYGON	
		FIELD LOCATION				RN OF BORE REPLACED	
FACILITY TYPE SF		DATE DRILLED	10/08/1965			DATA OWNER	
STATUS EX		DRILLERS NAME				CONFIDENTIAL	
ROLES		DRILL COMPANY					
		METHOD OF CONST.	CABLE TOOL				

CASING DETAILS

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	10/08/1965		1 Steel Casing (unspecified)					
A	10/08/1965		2 Perforated or Slotted Casing					

STRATA LOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
902			10/08/1965 SWL -5.70 M TMP NUL C
903			10/08/1965 DISCH 131.0 M3D DRILLER
910	7.00	12.00	QUALITY DESCRIPT/CONDUT: 1520

STRATIGRAPHY DETAILS

\*\*\* NO RECORDS FOUND \*\*\*

AQUIFER DETAILS

REG NUMBER 25551

REC	TOP BED(M)	BOTTOM BED(M)	BED LITHOLOGY	DATE	SWL (m)	FLOW	QUALITY	YIELD (l/s)	CTR CONDIT	FORMATION NAME
1	7.00	12.00	GNTE							WZ

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND (µS/cm)	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH
A	10/08/1965	1 GCL	032864	10.00	PU GB	2540	8.1		1642.10	0.00	470	317	0.5	8.0	0.00

WATER ANALYSIS PART 2

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	10/08/1965	1	398.0		30.0	96.0		386.0			704.0	1.10		27.0				

WATER LEVEL DETAILS

PIPE	DATE	MEASURE N/R	RMK LOG	PIPE	DATE	MEASURE N/R	RMK LOG	PIPE	DATE	MEASURE N/R	RMK LOG
A	10/08/1965	-5.70	N								

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 25551

DATE 02/07/2012

PIPE	DATE	DEPTH (m)	COND ( $\mu$ S/cm)	FIELD MEASUREMENTS			DO (mg/L)	$E_h$ (mV)	ALK	METH	SOURCE
				pH	TEMP (C)	NO3 (mg/L)					
A	10/08/1965	2540									GB
<b>SPECIAL WATER ANALYSIS</b>											
**** NO RECORDS FOUND ****											
<u>VALIDATION LOG - PART 1</u>			<u>VALIDATION LOG - PART 2</u>			<u>GENERAL NOTES</u>					
REGDET	CASING	STRLOG	AQUIFR	PUM TES	EL VDET	WLVDET	WLVDET	Y	30/03/1993	Y	30/03/1993
Y	22/09/1992										
WATNL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FPREAD	FPREAD				
Y	17/03/1993										

**GROUNDWATER DATABASE**  
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REG NUMBER 32350

**REGISTRATION DETAILS**

OFFICE	Ayr	BASIN	1210	LATITUDE	20-02-24	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	200	LONGITUDE	147-52-24	MAP-SERIES	M
D/O FILE NO.	1368	SHIRE	7340-WHITSUNDAY REGI	EASTING	591265	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7782589	MAP NAME BOGIE	
H/O FILE NO.	L35073B	PLAN		ZONE	55	PROG SECTION	
		ORIGINAL DESCRIPTION	L25 PLAN SB353	ACCURACY		PRES EQUIPMENT WL	
GIS LAT	-20.040111724	PARISH NAME	4143-SALISBURY PLAINS	GPS ACC		ORIGINAL BORE NO	
GIS LNG	147.873314523	COUNTY	SALISBURY			BORE LINE	-
CHECKED N		PROPERTY NAME				POLYGON	
FACILITY TYPE SF		FIELD LOCATION				RN OF BORE REPLACED	
STATUS EX						DATA OWNER	
ROLES						CONFIDENTIAL	
		DATE DRILLED	25/02/1972				
		DRILLERS NAME					
		DRILL COMPANY					
		METHOD OF CONST.	ROTARY RIG				

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE (mm)	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	25/02/1972	1	Steel Casing (unspecified)			152	0.00	22.90

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	3.00	LOAM
2	3.00	22.90	WEATHERED GRANITE
902			25/02/1972 SWL -12.20 M TMP NUL C
903			25/02/1972 DISCH 43.6 M3D

**STRATIGRAPHY DETAILS**

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
DNR	1	0.00	22.90	UPPER CARB

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 32350

DATE 02/07/2012

REC	TOP BED(M)	BOTTOM BED(M)	BED LITHOLOGY	DATE	<u>AQUIFER DETAILS</u>		YIELD CTR (l/s)	CONDIT	FORMATION NAME
					SWL (m)	FLOW QUALITY			
1	12.00	22.00	GNTE					WZ	UPPER CARB

PUMP TEST DETAILS PART 1  
\*\*\*\* NO RECORDS FOUND \*\*\*\*PUMP TEST DETAILS PART 2  
\*\*\*\* NO RECORDS FOUND \*\*\*\*BORE CONDITION  
\*\*\*\* NO RECORDS FOUND \*\*\*\*ELEVATION DETAILS  
\*\*\*\* NO RECORDS FOUND \*\*\*\*WATER ANALYSIS PART 1  
\*\*\*\* NO RECORDS FOUND \*\*\*\*WATER ANALYSIS PART 2  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

PIPE	DATE	MEASURE N/R	RMK	LOG	<u>WATER LEVEL DETAILS</u>		PIPE	DATE	MEASURE N/R	RMK	LOG
					(m)	(m)					
A	25/02/1972	-12.20	R								

WIRELINE LOG DETAILS  
\*\*\*\* NO RECORDS FOUND \*\*\*\*FIELD MEASUREMENTS  
\*\*\*\* NO RECORDS FOUND \*\*\*\*SPECIAL WATER ANALYSIS

GROUNDWATER DATABASE  
BORE CARD REPORT - PUBLISHABLE  
  
DATE 02/07/2012  
REG NUMBER 32350

\*\*\*\* NO RECORDS FOUND \*\*\*\*

<u>VALIDATION LOG - PART 1</u>					
REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET
Y 09/09/1991	Y 09/09/1991	Y 09/09/1991		Y 09/09/1991	

<u>VALIDATION LOG - PART 2</u>					
WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 33077

REGISTRATION DETAILS

OFFICE	Ayr	BASIN	1210	LATITUDE	20-07-59	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	210	LONGITUDE	147-55-44	MAP-SERIES	M
D/O FILE NO.	2120	SHIRE	7340-WHITSUNDAY REGI	EASTING	597015	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7772309	MAP NAME BOGIE	
H/O FILE NO.	L29636B	PLAN	P40	ZONE	55	PROG SECTION	
GIS LAT	-20.133166739	ORIGINAL DESCRIPTION		ACCURACY		PRES EQUIPMENT WL	
GIS LNG	147.928869566			GPS ACC		ORIGINAL BORE NO	
CHECKED N		PARISH NAME	6-ABERDEEN			BORE LINE	-
FACILITY TYPE SF		COUNTY	HERBERT			POLYGON	
STATUS EX		PROPERTY NAME				RN OF BORE REPLACED	
ROLES		FIELD LOCATION				DATA OWNER	
						CONFIDENTIAL	

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	11/10/1970		1 Steel Casing (unspecified)			15.2	0.00	24.70
A	11/10/1970		2 Perforated or Slotted Casing		AP		20.10	24.70

CASING DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION	STRATA DESCRIPTION
1	0.00	0.90	SAND	
2	0.90	6.10	CLAY SANDY	
3	6.10	16.50	CONGLOMERATE	
4	16.50	28.30	BASALT	
902			11/10/1970 SWL -14.00 M TMP NUL C	
903			11/10/1970 DISCH 131.0 M3D DRILLER	

STRATIGRAPHY DETAILS

DATE 02/07/2012

## GROUNDWATER DATABASE

## BORE CARD REPORT - PUBLISHABLE

REG NUMBER 33077

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA DESCRIPTION
DNR	1	0.00	28.30 GRANITE

REC	TOP BED(M)	BOTTOM BED(M)	LITHOLOGY	DATE	SWL (m)	FLOW (l/s)	QUALITY	YIELD CTR (l/s)	CONDIT	FORMATION NAME
1	17.00	24.00	BSLT						WZ	GRANITE

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 1

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND (uS/cm)	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH
A	11/10/1970	1 GCL	047879	28.00	PU GB	830	8.0		562.25	0.00	228	205	1.2	2.6	0.00

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	AI	B	Cu
A	11/10/1970	1	89.0	32.0	36.0	250.0		155.0	0.25									

PIPE	DATE	MEASURE N/R	RMK LOG	PIPE DATE	MEASURE N/R	RMK LOG	PIPE DATE	MEASURE N/R	RMK LOG
------	------	-------------	---------	-----------	-------------	---------	-----------	-------------	---------

WATER LEVEL DETAILS

PIPE	DATE	MEASURE N/R	RMK LOG
------	------	-------------	---------

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 33077

DATE 02/07/2012

	PIPE	DATE	MEASURE	N/R	RMK	LOG	PIPE	DATE	MEASURE	N/R	RMK	LOG
--	------	------	---------	-----	-----	-----	------	------	---------	-----	-----	-----

A	11/10/1970	-14.00	R
---	------------	--------	---

WIRELINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

	PIPE	DATE	DEPTH (m)	COND ( $\mu\text{S}/\text{cm}$ )	DO (mg/L)	Eh (mV)	ALK	METH	SOURCE
A	11/10/1970	830							GB

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDET	FIELDQ
Y	20/08/1992	Y	10/11/1992	Y	10/05/1993	Y	30/03/1993

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
Y	17/03/1993						

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

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REG NUMBER 37711

**REGISTRATION DETAILS**

OFFICE	Ayr	BASIN	1210	LATITUDE	20-02-24	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	100	LONGITUDE	147-48-10	MAP-SERIES	M
D/O FILE NO.	2146	SHIRE	7340-WHITSUNDAY REGI	EASTING	583885	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7782709	MAP NAME BOGIE	
H/O FILE NO.	L29028B	PLAN		ZONE	55	PROG SECTION	
GIS LAT	-20.04011721	ORIGINAL DESCRIPTION	L4 PLAN SB887	ACCURACY	GPS ACC	ORIGINAL BORE NO	
GIS LNG	147.802759962	PARISH NAME	2-ABBOT			BORE LINE	-
CHECKED N		COUNTY	SALISBURY			POLYGON	
FACILITY TYPE SF		PROPERTY NAME				RN OF BORE REPLACED	
STATUS EX		FIELD LOCATION				DATA OWNER	
ROLES						CONFIDENTIAL	
DATE DRILLED	10/06/1971						
DRILLERS NAME							
DRILL COMPANY							
METHOD OF CONST.							

**CASING DETAILS**

PIPE	DATE	RECORD MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	10/06/1971	1 Steel Casing (unspecified)				150	0.00
A	10/06/1971	2 Perforated or Slotted Casing				5.60	8.60

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	0.61	SANDY TOP SOIL
2	0.61	2.13	CLAY
3	2.13	6.10	PINK WEATHERED GRANITE
4	6.10	7.62	WEATHERED GREY GRANITE
5	7.62	8.53	WEATHERED BLACK GRANITE
6	8.53	9.14	GREY GRANITE
7			740 G/H

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 37711

DATE 02/07/2012

SOURCE	RECORD NUMBER	STRATIGRAPHY DETAILS		STRATA DESCRIPTION
		STRATA TOP (m)	STRATA BOT (m)	
DNR	1	2.10	9.20	NAVADA GRANITE

REC	TOP BED(M)	BOTTOM BED(M)	BED LITHOLOGY	AQUIFER DETAILS			YIELD CTR (l/s)	CONDIT	FORMATION NAME
				SWL (m)	FLOW (m)	QUALITY			
1	6.10	9.20	GNTE					WZ	NAVADA GRANITE

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRELINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

GROUNDWATER DATABASE  
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\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET	WLVDFT	FIELDQ
Y 20/08/1992		Y 11/11/1992	Y 25/03/1993				

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 38225

**REGISTRATION DETAILS**

OFFICE Ayr	BASIN 1210	LATITUDE 20-02-39	MAP-SCALE 104
DATE LOG RECD	SUB-AREA 100	LONGITUDE 147-48-13	MAP-SERIES M
D/O FILE NO. 2146	SHIRE 7340-WHITSUNDAY REGI	EASTING 583975	MAP-NO 8457
R/O FILE NO.	LOT	NORTHING 7782259	MAP NAME BOGIE
H/O FILE NO. L29028B	PLAN	ZONE 55	PROG SECTION
	ORIGINAL DESCRIPTION L4 PLAN SB887	ACCURACY GPS ACC	PRES EQUIPMENT
GIS LAT	-20.044278378	PARISH NAME 2-ABBOT	ORIGINAL BORE NO
GIS LNG	147.803593257	COUNTY SALISBURY	BORE LINE -
CHECKED N	PROPERTY NAME	FIELD LOCATION	POLYGON
FACILITY TYPE SF	DATE DRILLED 11/06/1971		RN OF BORE REPLACED
STATUS EX	DRILLERS NAME		DATA OWNER
ROLES	DRILL COMPANY		CONFIDENTIAL
METHOD OF CONST.			

**CASING DETAILS**

PIPE	DATE	RECORD MATERIAL DESCRIPTION NUMBER	MAT SIZE (mm)	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	11/06/1971	1 Steel Casing (unspecified)			150	0.00	11.60
A	11/06/1971	2 Perforated or Slotted Casing			8.50	8.50	11.60

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	0.61	TOPSOIL
2	0.61	3.05	CLAY SANDY
3	3.05	5.49	WEATHERED GRANITE
4	5.49	6.10	FRACTURED BLACK ROCK
5	6.10	7.01	GRANITE
6	7.01	8.23	FRACTURED BLACK ROCK
7	8.23	10.67	GRANITE

**GROUNDWATER DATABASE**  
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DATE 02/07/2012

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
8	10.67	11.58	VERY HARD GRANITE
9		800 G/H	
902		00/00/0000 SWL "	M TMP 065 C
903		00/00/0000 DISCH	3640.0 M3D

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
DNR	1	3.00	11.60	NAVADA GRANITE

REC	TOP BED(M)	BOTTOM BED(M)	LITHOLOGY	DATE	SWL (m)	FLOW (l/s)	QUALITY	YIELD CTR (l/s)	CONDIT	FORMATION NAME
1	7.60	8.20	SYNE						FR	NAVADA GRANITE

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

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REG NUMBER 38225

WATER LEVEL DETAILS  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRE LINE LOG DETAILS  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDFT	FILEDQ
Y 20/08/1992		Y 11/11/1992		Y 25/03/1993			
WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FREAD	GNOTES

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

REG NUMBER 54098

REGISTRATION DETAILS

OFFICE Ayr	BASIN 1210	LATITUDE 20-06-56	MAP-SCALE 104
DATE LOG RECD	SUB-AREA 100	LONGITUDE 147-52-56	MAP-SERIES M
D/O FILE NO. 1346	SHIRE 7340-WHITSUNDAY REGI	EASTING 592145	MAP-NO 8457
R/O FILE NO.	LOT PLAN	NORTHING 7774299	MAP NAME BOGIE
H/O FILE NO. L27939B	ORIGINAL DESCRIPTION P1	ZONE 55	PROG SECTION
		ACCURACY GPS ACC	PRES EQUIPMENT WL
GIS LAT -20.115666978	PARISH NAME 2-ABBOT		ORIGINAL BORE NO
GIS LNG 147.882203341	COUNTY SALISBURY		BORE LINE -
CHECKED N	PROPERTY NAME		
	FIELD LOCATION		POLYGON
FACILITY TYPE SF	DATE DRILLED 01/10/1977		RN OF BORE REPLACED
STATUS EX	DRILLERS NAME		DATA OWNER
ROLES	DRILL COMPANY		CONFIDENTIAL
	METHOD OF CONST. ROTARY RIG		

CASING DETAILS

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A 01/10/1977		1	Plastic Casing (unspecified)			127	0.00	
A 01/10/1977		2	Open End			33.80		33.80

STRATA LOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	3.00	CLAY SANDY BROWN
2	3.00	7.50	SILT SANDY
3	7.50	15.90	GRA NITE CLAYEY
4	15.90	33.82	GRANITE ROCK RED
902			01/10/1977 SWL -10.00 M TMP NUL C
903			01/10/1977 DISCH 13.1 M3D DRILLER
910	16.00	34.00	QUALITY DESCRIPT/CONDUCT: POTABLE

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 54098

DATE 02/07/2012

SOURCE	RECORD NUMBER	STRATIGRAPHY DETAILS		STRATA DESCRIPTION
		STRATA TOP (m)	STRATA BOT (m)	
DNR	1	0.00	33.80	GRANITE

REC	TOP BED(M)	BOTTOM BED(M)	BED LITHOLOGY	AQUIFER DETAILS			YIELD CTR (l/s)	CONDIT	FORMATION NAME
				SWL (m)	FLOW (m)	QUALITY			
1	16.00	34.00	GNTE					WZ	GRANITE

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PIPE	DATE	WATER LEVEL DETAILS			PIPE	DATE	MEASURE N/R	RMK LOG	PIPE	DATE	MEASURE N/R	RMK LOG
		PIPE	DATE	MEASURE N/R								
A	01/10/1977	-10.00	R									

WIRE LINE LOG DETAILS

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 54098

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDET	FIELDQ
Y 20/08/1992	Y 03/03/1993	Y 03/03/1993	Y 12/05/1993			Y 30/03/1993	

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 70072

REGISTRATION DETAILS

OFFICE Ayr	BASIN 1210	LATITUDE 20-07-51	MAP-SCALE 104
DATE LOG RECD	SUB-AREA 210	LONGITUDE 147-54-14	MAP-SERIES M
D/O FILE NO. 3565	SHIRE 7340-WHITSUNDAY REGI	EASTING 594405	MAP-NO 8457
R/O FILE NO.	LOT	NORTHING 7772589	MAP NAME BOGIE
H/O FILE NO.	PLAN	ZONE 55	PROG SECTION
	ORIGINAL DESCRIPTION L679 PLAN HR1236	ACCURACY GPS ACC	PRES EQUIPMENT
GIS LAT	PARISH NAME 6-ABERDEEN		ORIGINAL BORE NO SPRING CK NO1
GIS LNG	COUNTY HERBERT		BORE LINE -
CHECKED N	PROPERTY NAME		
	FIELD LOCATION		POLYGON
FACILITY TYPE SF	DATE DRILLED 08/04/1984		RN OF BORE REPLACED
STATUS EX	DRILLERS NAME		DATA OWNER
ROLES	DRILL COMPANY		CONFIDENTIAL
	METHOD OF CONST.		

CASING DETAILS

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	08/04/1984		1 Plastic Casing (unspecified)			150	0.00	16.10
A	08/04/1984		2 Perforated or Slotted Casing			10.10	10.10	16.10

STRATA LOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
5	0.00	1.80	RED SILT
10	1.80	4.50	BLACK BULDERS
15	4.50	6.00	RED GRANITE
20	6.00	10.50	BROWN GRANITE
25	10.50	12.00	BLACK AND WHITE GRANITE
30	12.00	15.90	BROWN GRANITE

STRATIGRAPHY DETAILS

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

DATE 02/07/2012

REG NUMBER 70072

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA DESCRIPTION							
DNR	1	1.80	16.20 ELLIOT RIVER GRANITE							
REC	TOP BED(M)	BOTTOM BED(M)	LITHOLOGY	DATE	SWL (m)	FLOW (l/s)	QUALITY	YIELD CTR (l/s)	CONDIT	FORMATION NAME
1	6.10	16.20	GRNTE						FR	ELLIOT RIVER GRANITE

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

GROUNDWATER DATABASE  
BORE CARD REPORT - PUBLISHABLE

REG NUMBER 70072

DATE 02/07/2012

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET	WLVDFT	FIELDQ
Y 20/08/1992		Y 09/12/1992	Y 25/03/1993	Y 23/03/1993			

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**REG NUMBER** 70073

**REGISTRATION DETAILS**

<b>OFFICE</b>	Ayr	<b>BASIN</b>	1210	<b>LATITUDE</b>	20-07-46	<b>MAP-SCALE</b>	104
<b>DATE LOG RECD</b>		<b>SUB-AREA</b>	210	<b>LONGITUDE</b>	147-54-34	<b>MAP-SERIES</b>	M
<b>D/O FILE NO.</b>	3565	<b>SHIRE</b>	7340-WHITSUNDAY REGI	<b>EASTING</b>	594985	<b>MAP-NO</b>	8457
<b>R/O FILE NO.</b>		<b>LOT</b>		<b>NORTHING</b>	7772739	<b>MAP NAME BOGIE</b>	
<b>H/O FILE NO.</b>		<b>PLAN</b>		<b>ZONE</b>	55	<b>PROG SECTION</b>	
<b>ORIGINAL DESCRIPTION</b>	R679	<b>ACCURACY</b>		<b>PRES EQUIPMENT</b>			
<b>GIS LAT</b>	-20.129555711	<b>PARISH NAME</b>	6-ABERDEEN	<b>GPS ACC</b>		<b>ORIGINAL BORE NO</b>	SPRING CREEK NO 2
<b>GIS LNG</b>	147.909425283	<b>COUNTY</b>	HERBERT	<b>BORE LINE</b>	-		
<b>CHECKED N</b>		<b>PROPERTY NAME</b>				<b>POLYGON</b>	
<b>FACILITY TYPE SF</b>		<b>FIELD LOCATION</b>				<b>RN OF BORE REPLACED</b>	
<b>STATUS EX</b>				<b>DATA DRILLED</b>	12/04/1984	<b>DATA OWNER</b>	
<b>ROLES</b>				<b>DRILLERS NAME</b>		<b>CONFIDENTIAL</b>	
<b>METHOD OF CONST.</b>				<b>DRILL COMPANY</b>			

**FACILITY TYPE SF**

STATUS EX

ROLES

**CASING DETAILS**

<b>PIPE</b>	<b>DATE</b>	<b>RECORD NUMBER</b>	<b>MATERIAL DESCRIPTION</b>	<b>MAT SIZE</b>	<b>SIZE DESC (mm)</b>	<b>OUTSIDE DIAM</b>	<b>TOP (m)</b>	<b>BOTTOM (m)</b>
A	12/04/1984		1 Plastic Casing (unspecified)	6.700	WT	150	0.00	19.20
A	12/04/1984		2 Perforated or Slotted Casing			7.00		19.20

**STRATA LOG DETAILS**

<b>RECORD NUMBER</b>	<b>STRATA TOP (m)</b>	<b>STRATA BOT (m)</b>	<b>STRATA DESCRIPTION</b>
5	0.00	1.50	RED CLAY
10	1.50	2.40	GRAY ROCK
15	2.40	5.50	GREEK GRAVEL CLAY
20	5.50	6.60	BLACK ROCK LAYER
25	6.60	10.50	BROWN GRANITE
30	10.50	15.60	BLACK WHITE GRANITE
35	15.60	17.40	BLACK SAND STONE

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 70073

DATE 02/07/2012

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
40	17.40	18.00	BROCKEN SANDSTONE
45	18.00	18.90	BLACK ROCK

**STRATIGRAPHY DETAILS**

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
DNR	1	5.50	19.20	ELLIOT RIVER GRANITE

**AQUIFER DETAILS**

REC	TOP BED(M)	BOTTOM BED(M)	BED LITHOLOGY	DATE	SWL (m)	FLOW QUALITY	YIELD (l/s)	CTR CONDIT	FORMATION NAME
1	10.70	19.20	GNT					FR	ELLIOT RIVER GRANITE

**PUMP TEST DETAILS PART 1**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**PUMP TEST DETAILS PART 2**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**BORE CONDITION**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**ELEVATION DETAILS**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**WATER ANALYSIS PART1**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**WATER ANALYSIS PART 2**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**WATER LEVEL DETAILS**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 70073

WIRELINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET	WLVDET	FIELDQ
Y 20/08/1992		Y 09/12/1992	Y 25/03/1993	Y 23/03/1993			

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
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GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 70084

REGISTRATION DETAILS

OFFICE	Ayr	BASIN	1200	LATITUDE	20-06-04	MAP-SCALE	104
DATE LOG RECD		SUB-AREA	000	LONGITUDE	147-46-44	MAP-SERIES	M
D/O FILE NO.	1346	SHIRE	7340-WHITSUNDAY REGI	EASTING	58-1365	MAP-NO	8457
R/O FILE NO.		LOT		NORTHING	7776059	MAP NAME BOGIE	
H/O FILE NO.	L27939B	PLAN		ZONE	55	PROG SECTION	
		ORIGINAL DESCRIPTION	KARUNGLE HOLDING	ACCURACY		PRES EQUIPMENT	
GIS LAT	-20.101222632	PARISH NAME	2-ABBOT	GPS ACC		ORIGINAL BORE NO	
GIS LNG	147.778871277	COUNTY	SALISBURY			BORE LINE	-
CHECKED N		PROPERTY NAME				POLYGON	
		FIELD LOCATION				RN OF BORE REPLACED	
FACILITY TYPE SF		DATE DRILLED	11/04/1984			DATA OWNER	
STATUS EX		DRILLERS NAME				CONFIDENTIAL	
ROLES		DRILL COMPANY					
		METHOD OF CONST.					

CASING DETAILS

PIPE	DATE	RECORD	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	11/04/1984	1	Plastic Casing (unspecified)	5.900	WT	125	0.00	21.30

STRATA LOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
5	0.00	2.43	BROWN SILT
10	2.43	3.04	GREY ROCK
15	3.04	9.14	LOOSE GRANITE
20	9.14	15.84	BROWN BROKEN GRANITE
25	15.84	19.20	BLACK ROCK
30	19.20	21.33	HARD BLACK ROCK

**STRATIGRAPHY DETAILS**  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

## GROUNDWATER DATABASE

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DATE 02/07/2012

REG NUMBER 70084

#### AQUIFER DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET	WLVDET	FIELDQ
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**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 70084

Y 20/08/1992 Y 09/12/1992

WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
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VALIDATION LOG - PART 2  
GENERAL NOTES  
\*\*\*\* NO REC ORDS FOUND \*\*\*\*

**REG NUMBER 85590**

**REGISTRATION DETAILS**

OFFICE Ayr	BASIN 1210	LATITUDE 20-03-28	MAP-SCALE 104
DATE LOG RECD	SUB-AREA 100	LONGITUDE 147-49-08	MAP-SERIES M
D/O FILE NO. 2146	SHIRE 7340-WHITSUNDAY REGI	EASTING 585655	MAP-NO 8457
R/O FILE NO.	LOT	NORTHING 7781899	MAP NAME BOGIE
H/O FILE NO.	PLAN	ZONE 55	PROG SECTION
	ORIGINAL DESCRIPTION L4 PLAN SB687	ACCURACY GPS ACC	PRES EQUIPMENT
GIS LAT	PARISH NAME 2-ABBOT		ORIGINAL BORE NO
GIS LNG	COUNTY SALISBURY		BORE LINE -
CHECKED N	PROPERTY NAME		
	FIELD LOCATION		POLYGON
FACILITY TYPE SF	DATE DRILLED 01/06/1987		RN OF BORE REPLACED
STATUS EX	DRILLERS NAME		DATA OWNER
ROLES	DRILL COMPANY		CONFIDENTIAL
	METHOD OF CONST.		

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE (mm)	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	01/06/1987	1	Plastic Casing (unspecified)	3.700	WT	125	0.00	18.00
A	01/06/1987	2	Perforated or Slotted Casing	9.380	AP		6.00	18.00

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	0.30	TOP SOIL
2	0.30	6.00	SANDY SOIL
3	6.00	13.00	CLAY SANDY
4	13.00	16.00	GRANITE DECOMPOSED *
5	16.00	18.00	BLACK AND WHITE GRANITE
6			1000 G/H

**STRATIGRAPHY DETAILS**

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 85590

DATE 02/07/2012

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA DESCRIPTION					
DNR	1	13.00	18.00 NAVADA GRANITES					
REC	TOP BED(M)	BED LITHOLOGY	DATE	SWL (m)	FLOW (l/s)	QUALITY	YIELD CTR CONDIT	FORMATION NAME
1	13.00	16.00 GNT6					WZ	NAVADA GRANITES

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRELINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

GROUNDWATER DATABASE  
BORE CARD REPORT - PUBLISHABLE

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REG NUMBER 85590

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET	WLVDFT	FIELDQ
Y 28/06/1992	Y 09/02/1993	Y 16/12/1992	Y 25/03/1993				

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 125392

REGISTRATION DETAILS

OFFICE Ayr	BASIN 1210	SUB-AREA SHIRE 7340-WHITSUNDAY REGI	LATITUDE 20-05-44	MAP-SCALE
DATE LOG RECD 23/MAY/05	LOT 1	LONGITUDE 147-50-47	EASTING 588497	MAP-SERIES
D/O FILE NO. 110/000(0018	PLAN SB279	NORTHING 7777709	MAP-NO	MAP NAME
R/O FILE NO.	ORIGINAL DESCRIPTION	ZONE 55	PROG SECTION	PRES EQUIPMENT
H/O FILE NO.		ACCURACY GPS	GPS ACC 20	ORIGINAL BORE NO
GIS LAT -20.09565134	PARISH NAME 2-ABBOT			BORE LINE -
GIS LNG 147.8465018	COUNTY SALISBURY			
CHECKED Y	PROPERTY NAME			POLYGON
	FIELD LOCATION			RN OF BORE REPLACED
FACILITY TYPE SF	DATE DRILLED 06/09/2003			DATA OWNER
STATUS EX	DRILLERS NAME MILLINGTON, GRANT IAN			CONFIDENTIAL N
ROLES WS	DRILL COMPANY A&R PETTS			
	METHOD OF CONST. ROTARY AIR			

CASING DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

STRATA LOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	0.25	TOP SOIL
2	0.25	4.00	BOULDERS
3	4.00	6.00	DECO GRANITE
4	6.00	19.00	JOINT GRANITE
5	19.00	24.00	GRANITE

STRATIGRAPHY DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

AQUIFER DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

## GROUNDWATER DATABASE

### BORE CARD REPORT - PUBLISHABLE

DATE 02/07/2012

REG NUMBER 125392

PUMP TEST DETAILS PART 1  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET CASING STRLOG AQUIFR PUM TES EL VDET WL VDET FIELDQ

20/07/2005

GROUNDWATER DATABASE  
BORE CARD REPORT - PUBLISHABLE  
  
DATE 02/07/2012  
  
REG NUMBER 125392

		<u>VALIDATION LOG - PART 2</u>				
		WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
WATANL	SAMPLE	STRIG				

GENERAL NOTES  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

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REG NUMBER 125725

**REGISTRATION DETAILS**

OFFICE Ayr	BASIN 1210	LATITUDE 20-06-55	MAP-SCALE
DATE LOG RECD 11/FEB/05	SUB-AREA SHIRE 7340-WHITSUNDAY REGI	LONGITUDE 147-53-15	MAP-SERIES
D/O FILE NO. 110/0000018	LOT 1	EASTING 592775	MAP-NO
R/O FILE NO.	PLAN SB279	NORTHING 7775509	MAP NAME
H/O FILE NO.	ORIGINAL DESCRIPTION	ZONE 55	PROG SECTION
		ACCURACY GPS	PRES EQUIPMENT
GIS LAT	-20.1153305	GPS ACC 20	ORIGINAL BORE NO
GIS LNG	147.8875269		BORE LINE -
CHECKED Y	PARISH NAME 2-ABBOT COUNTY SALISBURY		
	PROPERTY NAME		POLYGON
	FIELD LOCATION		RN OF BORE REPLACED
FACILITY TYPE SF	DATE DRILLED 14/12/2004		DATA OWNER
STATUS AD	DRILLERS NAME MILLINGTON, GRANT IAN		CONFIDENTIAL N
ROLES WS	DRILL COMPANY PETTS DRILLING		
	METHOD OF CONST. ROTARY AIR		

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
X	14/12/2004	1	Cuttings or other fill between casing and			180	5.00	24.00
X	14/12/2004	2	Grout			180	0.00	5.00

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	1.00	TOP SOIL
2	1.00	3.00	CLAY
3	3.00	5.00	GRAVEL AND SAND
4	5.00	15.00	DECORANITE
5	15.00	24.00	GRANITE HOLE ABANDONED

**STRATIGRAPHY DETAILS**  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 125725

DATE 02/07/2012

AQUIFER DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET	WLVDET	FIELDQ
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GROUNDWATER DATABASE  
BORE CARD REPORT - PUBLISHABLE

REG NUMBER 125725

DATE 02/07/2012

Y 06/12/2005

WATANL SAMPLE STRIG VALIDATION LOG - PART 2

WIRLOG MULCND BRCOND FPREAD GNOTES

GENERAL NOTES

\*\*\*\* NO REC ORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 125726

REGISTRATION DETAILS

OFFICE Ayr	BASIN 1210	LATITUDE 20-05-26	MAP-SCALE
DATE LOG RECD 11/FEB/05	SUB-AREA SHIRE 7340-WHITSUNDAY REGI	LONGITUDE 147-52-36	MAP-SERIES
D/O FILE NO. 110/0000018	LOT 1	EASTING 591663	MAP-NO
R/O FILE NO.	PLAN SB279	NORTHING 7778263	MAP NAME
H/O FILE NO.	ORIGINAL DESCRIPTION	ZONE 55	PROG SECTION
		ACCURACY GPS	PRES EQUIPMENT
GIS LAT	-20.0904999	GPS ACC 20	ORIGINAL BORE NO
GIS LNG	147.8767514		BORE LINE -
CHECKED Y	PARISH NAME 2-ABBOT COUNTY SALISBURY		
FACILITY TYPE SF	PROPERTY NAME		POLYGON
STATUS AD	FIELD LOCATION		RN OF BORE REPLACED
ROLES WS			DATA OWNER
			CONFIDENTIAL N
DATE DRILLED 13/12/2004			
DRILLERS NAME MILLINGTON, GRANT IAN			
DRILL COMPANY PETTS DRILLING			
METHOD OF CONST. ROTARY AIR			

CASING DETAILS

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
X	13/12/2004	1	Cuttings or other fill between casing and h				180	5.00
X	13/12/2004	2	Grout				180	0.00

STRATA LOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	0.20	TOP SOIL
2	0.20	4.00	BROWN CLAY
3	4.00	12.00	DECOR GRANITE
4	12.00	20.00	WEATHERED GRANITE
5	20.00	30.00	GRANITE HOLE ABANDONED

STRATIGRAPHY DETAILS  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

## GROUNDWATER DATABASE

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## Appendices | Phase 1 Environmental Site Assessment – Contaminated Land

REG NUMBER 125726

DATE 02/07/2012

#### AQUIFER DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

#### VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET	WLVDET	FIELDQ
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**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

DATE 02/07/2012

REG NUMBER 125726

Y 06/12/2005

<u>VALIDATION LOG - PART 2</u>					
WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND

GENERAL NOTES  
\*\*\*\* NO REC ORDS FOUND \*\*\*\*

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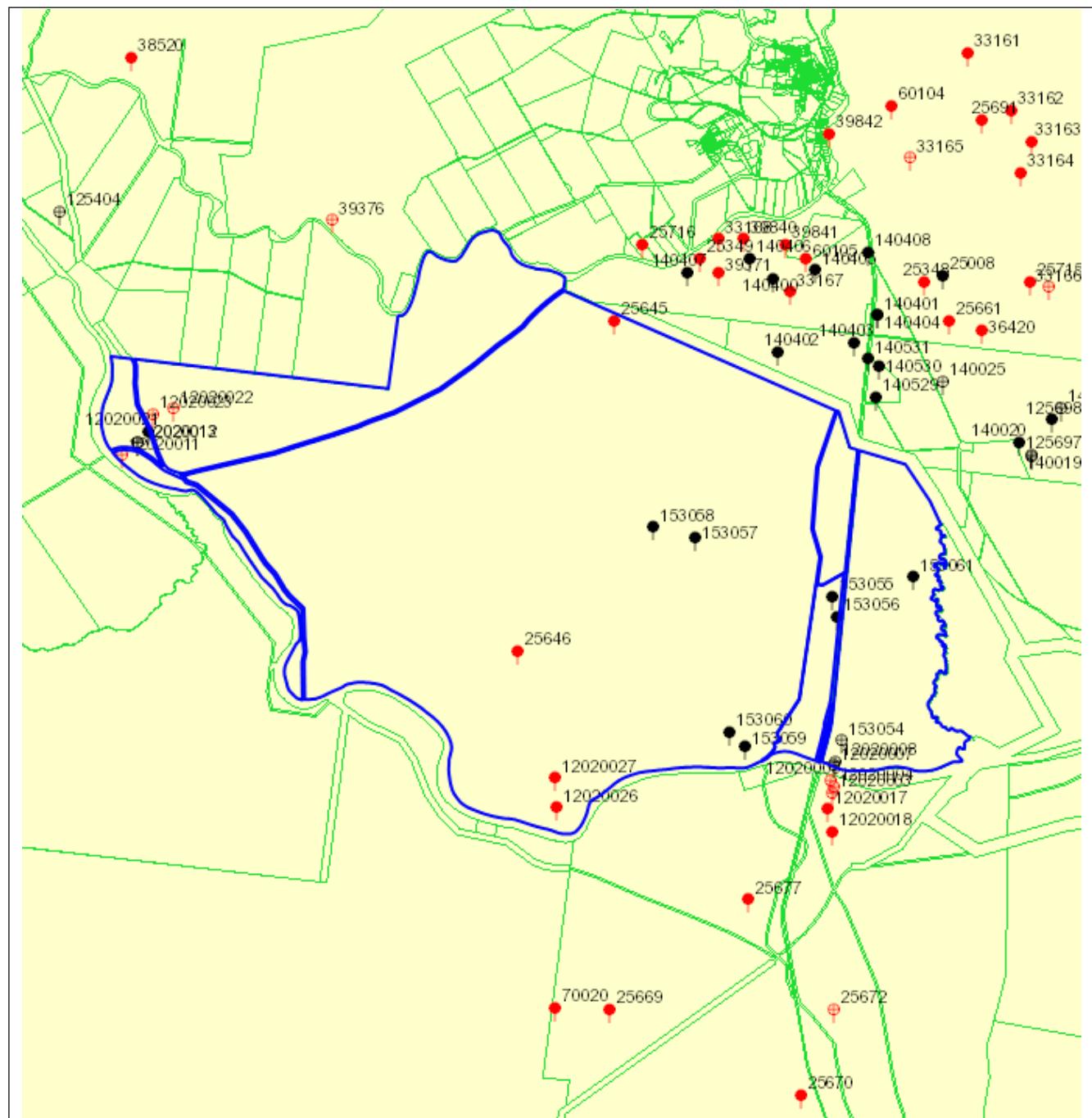
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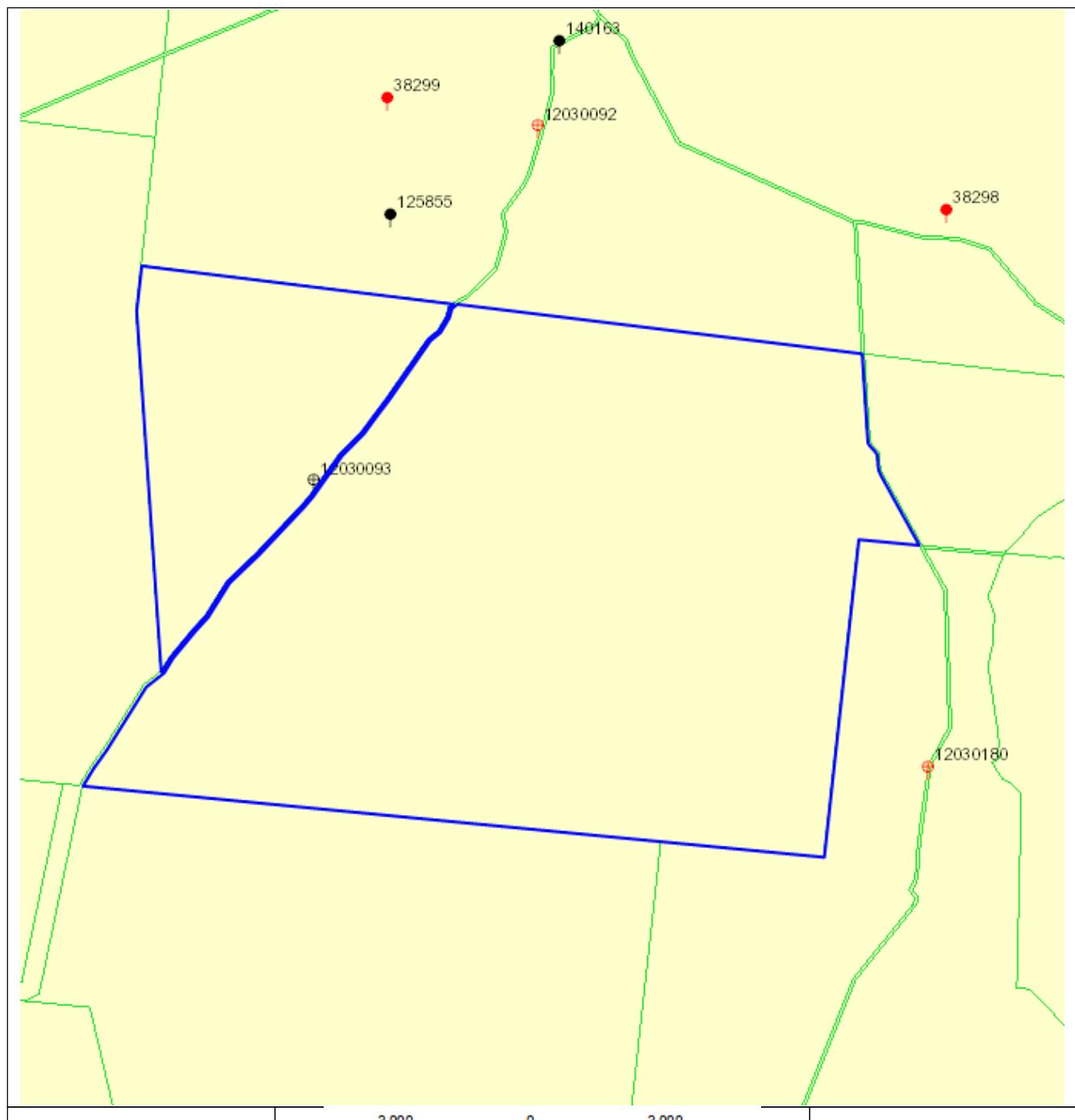
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\*\* End of Report \*\*



Department of Environment and Resource Management	4,400      0      4,400 Meters	<b>Queensland Government</b>
<b>Map Title:</b> Lot 618/PH2106 and surrounds <b>Plan Number:</b> BLS2233 Datum: GDA_1994 Geographic Coordinate System: GCS_GDA_1994  Digital Cadastral Database(DCDB) is current at July 2012. Position accuracy of cadastre is not calculated at this given scale.  © The State of Queensland (Department of Environment and Resource Management) 2011.	<p>While every care is taken to ensure the accuracy of this data, the Department of Environment and Resource Management, and/or contributors to this publication, makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all injuries, expenses, losses, damages (including indirect or consequential damage) and costs which might be incurred as a result of the data being inaccurate or incomplete in any way or for any reason.</p>	



<p><b>Department of Environment and Resource Management</b></p> <p><b>Map Title:</b> Lot 5088/SM101 and surrounds</p> <p><b>Plan Number:</b> BLS2231</p> <p>Datum: GDA_1994 Geographic Coordinate System: GCS_GDA_1994</p> <p>Digital Cadastral Database(DCDB) is current at July 2012. Position accuracy of cadastre is not calculated at this given scale.</p> <p>© The State of Queensland (Department of Environment and Resource Management) 2011.</p>	<p>3,000 0 3,000 Meters</p> <p>While every care is taken to ensure the accuracy of this data, the Department of Environment and Resource Management, and/or contributors to this publication, makes no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and disclaims all responsibility and all liability (including without limitation, liability in negligence) for all injuries, expenses, losses, damages (including indirect or consequential damage) and costs which might be incurred as a result of the data being inaccurate or incomplete in any way or for any reason.</p>	
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**GROUNDWATER DATABASE**  
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REG NUMBER 38298

DATE 02/07/2012

**AQUIFER DETAILS**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**PUMP TEST DETAILS PART 1**

\*\*\* NO RECORDS FOUND \*\*\*

**PUMP TEST DETAILS PART 2**

\*\*\* NO RECORDS FOUND \*\*\*

**BORE CONDITION**

\*\*\* NO RECORDS FOUND \*\*\*

**ELEVATION DETAILS**

\*\*\* NO RECORDS FOUND \*\*\*

**WATER ANALYSIS PART1**

\*\*\* NO RECORDS FOUND \*\*\*

**WATER ANALYSIS PART 2**

\*\*\* NO RECORDS FOUND \*\*\*

	PIPE	DATE	MEASURE	N/R	RMK	LOG	PIPE	DATE	MEASURE	N/R	RMK	LOG
	A	01/07/1969	-91.50	R								

**WIRELINE LOG DETAILS**

\*\*\* NO RECORDS FOUND \*\*\*

**FIELD MEASUREMENTS**

\*\*\* NO RECORDS FOUND \*\*\*

**SPECIAL WATER ANALYSIS**

\*\*\* NO RECORDS FOUND \*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 38298

DATE 02/07/2012

<u>VALIDATION LOG - PART 1</u>					
REGDET	CASING	STRLOG	AQUIFR	PUMTES	ELVDET
Y 10/01/1992	Y 10/01/1992	Y 10/01/1992			Y 30/03/1993
<u>VALIDATION LOG - PART 2</u>					
WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND

GENERAL NOTES  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

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REG NUMBER 38299

**REGISTRATION DETAILS**

OFFICE Ayr	BASIN 1203	LATITUDE 21-25-29	MAP-SCALE 104
DATE LOG RECD	SUB-AREA 000	LONGITUDE 147-18-39	MAP-SERIES M
D/O FILE NO. 1930	SHIRE 7340-WHITSUNDAY REGI	EASTING 532167	MAP-NO 8355
R/O FILE NO.	LOT PLAN	NORTHING 7630090	MAP NAME MOUNT COOLON
H/O FILE NO. L31834B	ORIGINAL DESCRIPTION MT COOLON HOLDING	ZONE 55	PROG SECTION
		ACCURACY GPS ACC	PRES EQUIPMENT WL
GIS LAT	PARISH NAME 16-ACRE		ORIGINAL BORE NO 3 MILE BORE
GIS LNG	COUNTY SELLHEM		BORE LINE -
CHECKED N	PROPERTY NAME		POLYGON
	FIELD LOCATION		RN OF BORE REPLACED
FACILITY TYPE SF	DATE DRILLED 01/10/1971		DATA OWNER
STATUS EX	DRILLERS NAME		CONFIDENTIAL
ROLES	DRILL COMPANY		
	METHOD OF CONST. ROTARY RIG		

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	01/10/1971		1 Steel Casing (unspecified)			152	0.00	103.70
A	01/10/1971		2 Perforated or Slotted Casing			AP		103.60

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	103.63	LOG UNKNOWN
902			01/10/1971 SWL -73.20 M TMP NUL C
903			01/10/1971 DISCH 65.5 M3D AIR TST

**STRATIGRAPHY DETAILS**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**AQUIFER DETAILS**

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 38299

DATE 02/07/2012

**\*\*\*\* NO RECORDS FOUND \*\*\*\*****PUMP TEST DETAILS PART 1****\*\*\*\* NO RECORDS FOUND \*\*\*\*****PUMP TEST DETAILS PART 2****\*\*\*\* NO RECORDS FOUND \*\*\*\*****BORE CONDITION****\*\*\*\* NO RECORDS FOUND \*\*\*\*****ELEVATION DETAILS****\*\*\*\* NO RECORDS FOUND \*\*\*\*****WATER ANALYSIS PART 1**

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND ( $\mu\text{S}/\text{cm}$ )	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH
A 06/08/1983	1 GCL		099679	GB		3750	7.8	14	2404.50	2235.52	852	299	0.8	7.3	0.00

**WATER ANALYSIS PART 2**

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO <sub>3</sub>	Fe	CO <sub>3</sub>	C <sub>l</sub>	F	NO <sub>3</sub>	SO <sub>4</sub>	Zn	Al	B	Cu
A 06/08/1983	1	490.0	14.0	135.0	125.0	360.0		360.0		2.2	810.0	0.30	3.0	465.0				

**WATER LEVEL DETAILS**

PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	(m)
A 01/10/1971	-73.20	R													

**WIRELINE LOG DETAILS****\*\*\*\* NO RECORDS FOUND \*\*\*\*****FIELD MEASUREMENTS**

METH

SOURCE

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

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PIPE	DATE	DEPTH (m)	COND ( $\mu$ S/cm)	pH	TEMP (C)	NO3 (mg/L)	DO (mg/L)	Eh (mV)	ALK	METH	SOURCE
A	06/08/1983	3750									GB

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	EL VDET	WLVDET	FIELDQ
Y 10/01/1992	Y 10/01/1992	Y 10/01/1992				Y 30/03/1993	Y 30/03/1993

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FREAD	GNOTES
Y 17/03/1993							

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 125855

REGISTRATION DETAILS

OFFICE Ayr	BASIN 1203	LATITUDE 21-26-53	MAP-SCALE
DATE LOG RECD 21/FEB/06	SUB-AREA SHIRE 7340-WHITSUNDAY REGI	LONGITUDE 147-18-41	MAP-SERIES
D/O FILE NO. 110/000/118	LOT 6	EASTING 532273	MAP-NO
R/O FILE NO.	PLAN SM99	NORTHING 7628241	MAP NAME
H/O FILE NO.	ORIGINAL DESCRIPTION	ZONE 55	PROG SECTION
		ACCURACY GPS	PRES EQUIPMENT
GIS LAT	-21.4479692	GPS ACC 20	ORIGINAL BORE NO
GIS LNG	147.3114675		BORE LINE -
CHECKED Y	PARISH NAME 16-ACRE		POLYGON
	COUNTY SELLHEIM		RN OF BORE REPLACED
	PROPERTY NAME		DATA OWNER
	FIELD LOCATION		CONFIDENTIAL N

FACILITY TYPE SF  
 STATUS EX  
 ROLES WS

DATE DRILLED 22/01/2006  
 DRILLERS NAME BROWN, JOHN EDWARD  
 DRILL COMPANY BROWN DRILL  
 METHOD OF CONST. ROTARY AIR

CASING DETAILS

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE (mm)	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	22/01/2006	1	Polyvinyl Chloride	5.900	WT	140	0.00	124.00
A	22/01/2006	2	Perforated or Slotted Casing	3.000	AP	140	95.00	123.00
X	22/01/2006	3	Grout			202	0.00	5.00

STRATALOG DETAILS

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	2.00	TOP SOIL
2	2.00	48.00	MIX CLAY
3	48.00	112.00	SOFT SHALEY ROCK*
4	112.00	124.00	WEATHERED GRANITE*

**STRATIGRAPHY DETAILS**  
 \*\*\*\* NO RECORDS FOUND \*\*\*\*

## GROUNDWATER DATABASE

## BORE CARD REPORT - PUBLISHABLE

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REC	TOP BED(M)	BOTTOM BED(M)	BED LITHOLOGY	DATE	<u>AQUIFER DETAILS</u>			YIELD CTR (l/s)	CONDIT	FORMATION NAME
					SWL (m)	FLOW	QUALITY			
1	48.00	112.00	SHALE	22/01/2006	-86.00	N	BRACKISH	0.29	Y	PS
2	112.00	124.00	GNT	22/01/2006	-86.00	N	BRACKISH	0.34	Y	WZ

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

---

REG NUMBER 125855

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

REGDET	CASING	STRLOG	AQUIFR	PUM TES	ELVDET	WLVDET	FIELDQ
Y 22/02/2006	Y 23/02/2006	Y 23/02/2006		Y 23/02/2006			

VALIDATION LOG - PART 2

WATANL	SAMPLE	STRTIG	WIRLOG	MULCND	BRCOND	FPREAD	GNOTES
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GENERAL NOTES

PIPE	DATE	REC	NOTES
A	22/01/2006	1	drilling log 29548

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

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REG NUMBER 12030092

**REGISTRATION DETAILS**

OFFICE Ayr	BASIN 1203	LATITUDE 21-25-49	MAP-SCALE
DATE LOG RECD	SUB-AREA SHIRE 7340-WHITSUNDAY REGI	LONGITUDE 147-20-26	MAP-SERIES
D/O FILE NO.	LOT	EASTING 535260	MAP-NO V 37012
R/O FILE NO.	PLAN	NORTHING 7630142	MAP NAME
H/O FILE NO.	ORIGINAL DESCRIPTION	ZONE 55	PROG SECTION
		ACCURACY GPS	PRES EQUIPMENT NE
GIS LAT	GPS ACC 100		ORIGINAL BORE NO T3 STRA TFORD ROAD
GIS LNG			BORE LINE -
CHECKED N	PARISH NAME 16-ACRE COUNTY SELLHEM		
	PROPERTY NAME		POLYGON
	FIELD LOCATION		RN OF BORE REPLACED
FACILITY TYPE SF			DATA OWNER DNR
STATUS AU			CONFIDENTIAL
ROLES IN			
SM			

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE (mm)	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	12/05/1975	1	Plastic Casing (unspecified)	3.350	WT	60	0.00	47.30
A	12/05/1975	2	Perforated or Slotted Casing	1.000	AP	60	44.30	47.30

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	1.20	CLAY AND IRONSTONE
2	1.20	11.50	DECOMPOSED BASALT
3	11.50	42.00	BASALT
4	42.00	46.00	DEC BASALT
5	46.00	47.70	BASALT

**STRATIGRAPHY DETAILS**  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 12030092

AQUIFER DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	PRECISION	DATUM	MEASUREMENT POINT	SURVEY SOURCE
A	13/MAY/75			282.10	SVY	AHD	R	
X	13/MAY/75			281.65	SVY	AHD	N	

WATER ANALYSIS PART1

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	12/05/1982	1 GCL	094232	47.00	BA	GB		2200	7.8	53	1574.30	1276.57	322	572	0.4	8.7	4.99	
A	19/07/2000	1 GCL	207604	47.70	BA	GB		2500	7.4	45	1940.20	1505.14	363	777	0.4	10.1	8.28	
A	02/05/2006	1 DNR	219537	47.30	AI	GB		2350	8.0		1766.00		399	744			8.7	

WATER ANALYSIS PART 2

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A	12/05/1982	1	360.0	12.0	48.0	49.0		690.0		3.4	330.0	0.30	3.6	78.0				
A	19/07/2000	1	439.8	19.3	53.7	55.6	0.00	944.1	0.00	1.9	389.6	0.44	0.0	35.9	0.17	0.00	0.70	0.00
A	02/05/2006	1	401.0	15.0	74.7	51.6		908.0	< 1.0	259.0	< 0.02	< 0.1		56.6				

PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE (m)	N/R	RMK	LOG
A	04/06/1975	-38.70	R		A	10/09/1975	-35.57	R		A	19/11/1975	-35.47	R		

REG NUMBER 12030092

PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG
A	22/04/1976	-35.46	R		A	07/07/1976	-35.57	R		A	22/09/1976	-35.34	R	
A	20/04/1977	-35.29	R		A	26/10/1977	-35.21	R		A	26/04/1978	-35.00	R	
A	25/10/1978	-34.86	R		A	23/05/1979	-34.76	R		A	30/04/1980	-34.65	R	
A	12/05/1982	-34.48	R		A	20/07/1983	-33.57	R		A	25/07/1984	-34.05	R	
A	21/08/1985	-34.28	R		A	09/07/1986	-34.35	R		A	02/09/1998	-35.63	R	
A	19/07/2000	-35.09	R		A	22/09/2005	-35.98	R		A	20/12/2005	-35.98	R	
A	17/03/2006	-35.94	R		A	14/06/2006	-36.03	R		A	12/09/2006	-36.07	R	
A	05/12/2006	-36.10	R											

WIRELINE LOG DETAILS

\*\*\*\* NO REC ORDS FOUND \*\*\*\*

PIPE	DATE	DEPTH (m)	COND ( $\mu\text{S}/\text{cm}$ )	FIELD MEASUREMENTS			DO (mg/L)	Eh (mV)	ALK	METH	SOURCE
				pH	TEMP (C)	NO3 (mg/L)					
A	19/11/1975		2100								GB
A	22/04/1976		2000								GB
A	07/07/1976	2100									GB
A	22/09/1976	2180									GB
A	20/04/1977	2230									BA
A	26/10/1977	2200									GB
A	26/04/1978	2150									BA
A	25/10/1978	2200									GB
A	23/05/1979	2150									BA
A	30/04/1980	2150									GB
A	12/05/1982	2200									BA
A	20/07/1983	2360									GB
A	25/07/1984	2600									BA
A	21/08/1985	2560									BA
A	09/07/1986	2460									BA
A	19/07/2000	2520									AI

**GROUNDWATER DATABASE**  
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SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
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REG NUMBER 12030093

**REGISTRATION DETAILS**

OFFICE Ayr	BASIN 1203	LATITUDE 21-30-35	MAP-SCALE
DATE LOG RECD	SUB-AREA SHIRE 7340-WHITSUNDAY REGI	LONGITUDE 147-17-46	MAP-SERIES
D/O FILE NO.	LOT 5088	EASTING 530664	MAP-NO V 37012
R/O FILE NO.	PLAN SM101	NORTHING 7622379	MAP NAME
H/O FILE NO.	ORIGINAL DESCRIPTION	ZONE 55	PROG SECTION
		ACCURACY GPS	PRES EQUIPMENT NE
GIS LAT	-21.5009606	GPS ACC 100	ORIGINAL BORE NO T4 WARRAGAL TURN OFF
GIS LNG	147.2960462	BORE LINE -	BORE LINE -
CHECKED Y	PARISH NAME 16-ACRE		
	COUNTY SELLHEIM		
FACILITY TYPE SF	PROPERTY NAME		POLYGON
STATUS AU	FIELD LOCATION		RN OF BORE REPLACED
ROLES IN			DATA OWNER DNR
SM			CONFIDENTIAL N

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE (mm)	SIZE DESC	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
A	12/05/1975	1	Plastic Casing (unspecified)	3.350	WT	60	0.00	83.00
A	12/05/1975	2	Perforated or Slotted Casing	1.000	AP	60	80.00	83.00

**STRATA LOG DETAILS**

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
1	0.00	2.20	CLAY SILTY SANDY
2	2.20	3.50	IRONSTONE
3	3.50	25.50	WTHRD BASALT
4	25.50	39.50	WTHRD SILTSTONE
5	39.50	44.50	WTHRD SANDSTONE
6	44.50	45.20	SANDSTONE
7	45.20	64.50	SILTSTONE

**GROUNDWATER DATABASE**  
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RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
8	64.50	65.00	CLAY
9	65.00	67.30	SANDSTONE
10	67.30	70.00	SILTSTONE
11	70.00	74.50	SANDSTONE
12	74.50	83.00	CLAY

<u>STRATIGRAPHY DETAILS</u>	
**** NO RECORDS FOUND ****	

<u>AQUIFER DETAILS</u>	
**** NO RECORDS FOUND ****	

<u>PUMP TEST DETAILS PART 1</u>	
**** NO RECORDS FOUND ****	

<u>PUMP TEST DETAILS PART 2</u>	
**** NO RECORDS FOUND ****	

<u>BORE CONDITION</u>	
**** NO RECORDS FOUND ****	

<u>ELEVATION DETAILS</u>	
PIPE DATE ELEVATION PRECISION DATUM COND MEASUREMENT POINT SURVEY SOURCE	

A 04/JUN/75 226.13 SVY AHD R	
X 04/JUN/75 225.47 SVY AHD N	

<u>WATER ANALYSIS PART 1</u>	
PIPE DATE RD ANALYST QAN DEPTH RMK SRC COND pH (mg/L) TOTAL IONS TOTAL SOLIDS HARD ALK FIG. OF MERIT SAR RAH	

A 19/07/2000 1 GCL 207618 83.60 AI GB 1283 5.4 59 703.64 760.86 138 3 0.3 7.0 0.00	
A 04/10/2005 2 DNR 120393 83.00 AI GB 1350 3.9 675.25 674.74 132 3 0.3 6.9	

REG NUMBER 12030093

PIPE	DATE	RD ANALYST	QAN	DEPTH (m)	RMK SRC	COND (uS/cm)	pH	Si (mg/L)	TOTAL IONS	TOTAL SOLIDS	HARD	ALK	FIG. OF MERIT	SAR	RAH
A	03/05/2006	1 DNR	219534	83.00	AI	GB	1300	4.4	700.00		140	1		6.7	

WATER ANALYSIS PART 2

PIPE	DATE	RD	Na	K	Ca	Mg	Mn	HCO3	Fe	CO3	Cl	F	NO3	SO4	Zn	Al	B	Cu
A 19/07/2000	1	188.4	19.6	21.0	20.9	0.16	3.9	0.56	0.0	297.7	0.14	5.0	147.0	0.35	0.09	0.60	0.01	
A 04/10/2005	2	182.0	19.5	19.4	20.2	< 1.0	< 1.0	< 1.0	280.0	0.15	1.5	150.0						
A 03/05/2006	1	182.0	19.0	21.2	21.1	< 1.0	< 1.0	< 1.0	297.0	0.19	2.6	156.0						

WATER LEVEL DETAILS

PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG	PIPE	DATE	MEASURE N/R	RMK	LOG
A	04/06/1975	-57.60	R		A	10/09/1975	-59.90	R		A	19/11/1975	-54.40	R	
A	22/04/1976	-57.38	R		A	07/07/1976	-57.42	R		A	22/09/1976	-57.27	R	
A	20/04/1977	-57.33	R		A	26/10/1977	-57.34	R		A	26/04/1978	-57.31	R	
A	25/10/1978	-57.32	R		A	23/05/1979	-57.33	R		A	30/04/1980	-57.29	R	
A	12/05/1982	-57.20	R		A	20/07/1983	-57.15	R		A	25/07/1984	-57.11	R	
A	21/08/1985	-57.15	R		A	09/07/1986	-57.13	R		A	02/09/1998	-56.66	R	
A	19/07/2000	-56.72	R		A	28/07/2004	-56.65	R		A	29/08/2004	-56.73	R	
A	22/09/2005	-56.62	R		A	20/12/2005	-56.56	R		A	17/03/2006	-56.55	R	
A	14/06/2006	-56.60	R		A	11/09/2006	-56.57	R		A	05/12/2006	-56.50	R	

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS					
PIPE	DATE	DEPTH (m)	COND (uS/cm)	pH (C)	TEMP (C)
A	19/11/1975		1250		
A	07/07/1976		1460		
A	22/09/1976		1450		
A	20/04/1977		1350		

PIPE	DATE	DEPTH (m)	COND (uS/cm)	pH (C)	TEMP (C)	NO3 (mg/L)	DO (mg/L)	Eh (mV)	ALK	METH	SOURCE
BA											GB
BA											GB
BA											GB
BA											GB

**GROUNDWATER DATABASE**  
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REG NUMBER 12030093

DATE 02/07/2012

PIPE	DATE	DEPTH (m)	COND (µS/cm)	pH	TEMP (C)	NO3 (mg/L)	DO (mg/L)	Eh (mV)	ALK	METH	SOURCE
A	26/10/1977	1500							BA		GB
A	26/04/1978	1350							BA		GB
A	25/10/1978	1470									GB
A	23/05/1979	1350							BA		GB
A	30/04/1980	1480							BA		GB
A	12/05/1982	1380							BA		GB
A	20/07/1983	1350							BA		GB
A	25/07/1984	1550							BA		GB
A	21/08/1985	1500							BA		GB
A	09/07/1986	1600							BA		GB
A	02/09/1998	1255							AI		GB
A	19/07/2000	1377							AI		GB
A	01/08/2004	80.00							PU		GB
<b>SPECIAL WATER ANALYSIS</b>											

**SPECIAL WATER ANALYSIS**

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**VALIDATION LOG - PART 1**

REGDET	CASING	STRLOG	AQUIFR	PUM TES	EL VDET	WLVDET	FIELDQ	GNOTES
N 07/09/1998								

**VALIDATION LOG - PART 2**

WATANL	SAMPLE	STRIG	WIRLOG	MULCND	BRCOND	FPREAD	GENERAL NOTES
							**** NO RECORDS FOUND ****

**GROUNDWATER DATABASE**  
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REG NUMBER 12030180

**REGISTRATION DETAILS**

OFFICE Ayr	BASIN 1203	LATITUDE 21-33-28	MAP-SCALE
DATE LOG RECD	SUB-AREA SHIRE 7340-WHITSUNDAY REGI	LONGITUDE 147-25-06	MAP-SERIES
D/O FILE NO.	LOT	EASTING 543198	MAP-NO
R/O FILE NO.	PLAN	NORTHING 7615896	MAP NAME
H/O FILE NO.	ORIGINAL DESCRIPTION SITE 26	ZONE 55	PROG SECTION
		ACCURACY GPS	PRES EQUIPMENT
GIS LAT	PARISH NAME 4342-S TRA TFORD	GPS ACC 20	ORIGINAL BORE NO SOUTHEAST OF MOUNT COOLON
GIS LNG	COUNTY BELL		BORE LINE -
CHECKED N	PROPERTY NAME		POLYGON
	FIELD LOCATION		RN OF BORE REPLACED
FACILITY TYPE SF	DATE DRILLED 05/08/2004		DATA OWNER
STATUS AD	DRILLERS NAME W.MCLEAN		CONFIDENTIAL
ROLES SI	DRILL COMPANY NRM&E		
	METHOD OF CONST. PERCUSSION HAMMER		

**CASING DETAILS**

PIPE	DATE	RECORD NUMBER	MATERIAL DESCRIPTION	MAT SIZE	SIZE DESC (mm)	OUTSIDE DIAM	TOP (m)	BOTTOM (m)
X	05/08/2004		1 Grout				0.00	6.00
X	05/08/2004		2 Cuttings or other fill between casing and h				6.00	90.00
<b>STRATA LOG DETAILS</b>								
RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION	STRATA DESCRIPTION				
1	0.00	0.50	BROWN SANDY SOIL					
2	0.50	1.50	RED BROWN SANDY SOIL					
3	1.50	2.00	RED BROWN SANDY CLAY					
4	2.00	4.00	GREY FINE GRAINED WEATHERED CLAY					
5			MINOR FE OXIDE					
6	4.00	22.00	LIGHT GREY TO WHITE WEATHERED RED CLAY					
7			GRAVEL TO 5MM WITH SILICEOUS BANDS.					

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

DATE 02/07/2012

REG NUMBER 12030180

RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
8			MINOR FE OXIDE
9	22.00	24.00	LIGHT PINK BROWN WEATHERED CLAY WITH SAND AND GRAVEL TO 5 MM
10			LIGHT YELLOW BROWN WEATHERED CLAY WITH SAND AND GRAVEL TO 5 MM AND FE OXIDE
11	24.00	26.00	LIGHT YEL OW BROWN WEATHERED CLAY WITH SAND AND GRAVEL TO 5 MM AND FE OXIDE
12			ORANGE BROWN WEATHERED CLAY WITH SAND AND GRAVEL TO 5 MM FE OXIDE
13			YELLOW TO RUSTY BROWN HARD WEATHERED FELSIC TO INTERMEDIATE CLASTIC VOLCANIC WITH FE OXIDE
14	26.00	41.00	GREY-YELLOW TO RUSTY BROWN HARD WEATHERED FELSIC TO INTERMEDIATE CLASTIC VOLCANIC WITH FE OXIDE
15			
16	41.00	66.00	
17			
18			
19	66.00	90.00	
20			
21			

STRATIGRAPHY DETAILS

SOURCE	RECORD NUMBER	STRATA TOP (m)	STRATA BOT (m)	STRATA DESCRIPTION
NAP	1	0.00	2.00	QUATERNARY - UNDEFINED
NAP	2	2.00	37.00	SUTTOR FORMATION
NAP	3	37.00	90.00	MOUNT RANKIN FORMATION

AQUIFER DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

PUMP TEST DETAILS PART 1  
\*\*\*\* NO RECORDS FOUND \*\*\*\*PUMP TEST DETAILS PART 2  
\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

REG NUMBER 12030180

BORE CONDITION

\*\*\*\* NO RECORDS FOUND \*\*\*\*

ELEVATION DETAILS

PIPE	DATE	ELEVATION	PRECISION	DATUM	MEASUREMENT POINT	SURVEY SOURCE
A	30/MAY/06	232.40	EST	AHD	R	
X	06/AUG/04	232.00	GPS	AHD	N	

WATER ANALYSIS PART1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER ANALYSIS PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WATER LEVEL DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

WIRE LINE LOG DETAILS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

FIELD MEASUREMENTS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

SPECIAL WATER ANALYSIS

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 1

\*\*\*\* NO RECORDS FOUND \*\*\*\*

VALIDATION LOG - PART 2

\*\*\*\* NO RECORDS FOUND \*\*\*\*

GENERAL NOTES

\*\*\*\* NO RECORDS FOUND \*\*\*\*

**GROUNDWATER DATABASE**  
**BORE CARD REPORT - PUBLISHABLE**

Page 21 of 21

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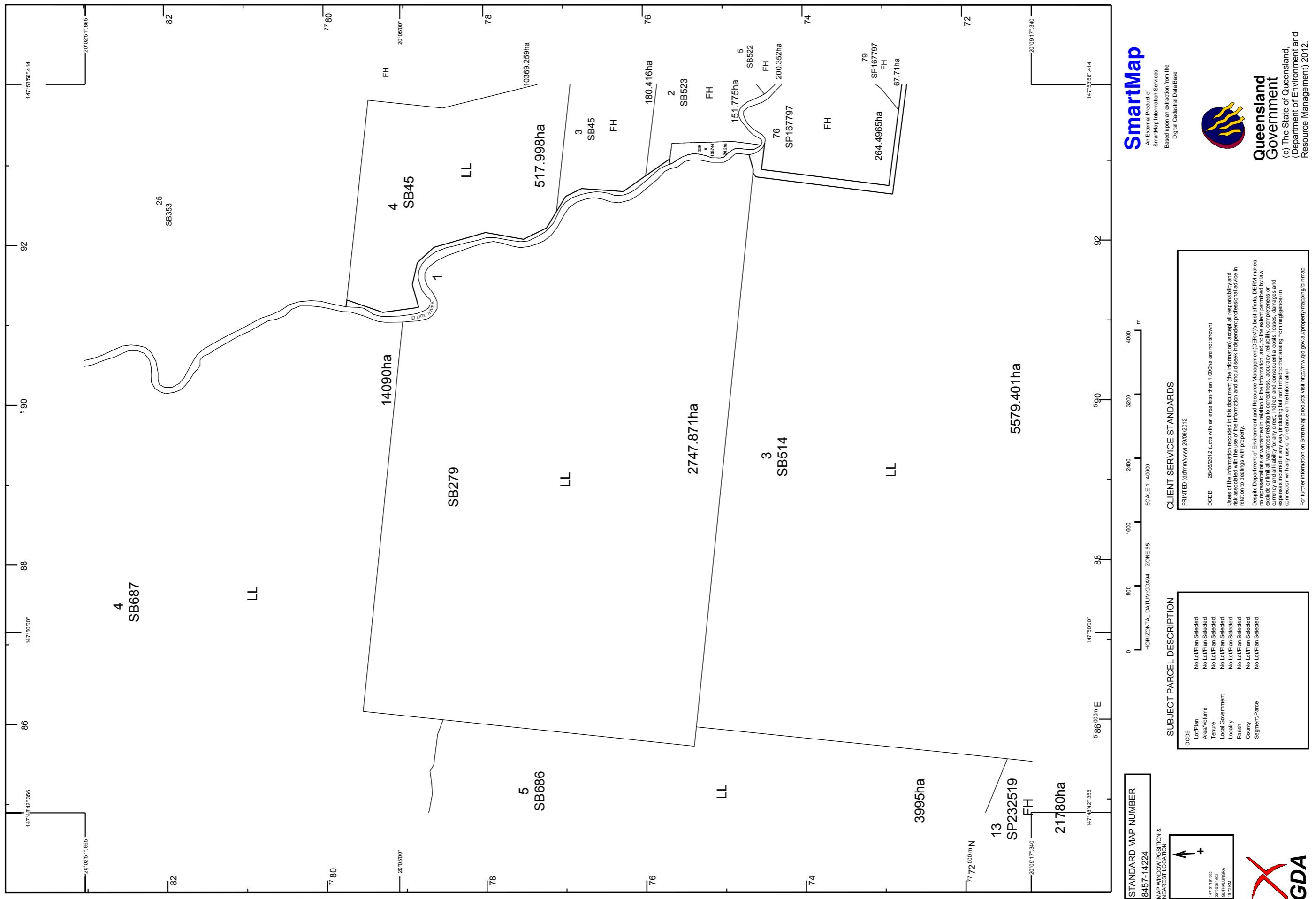
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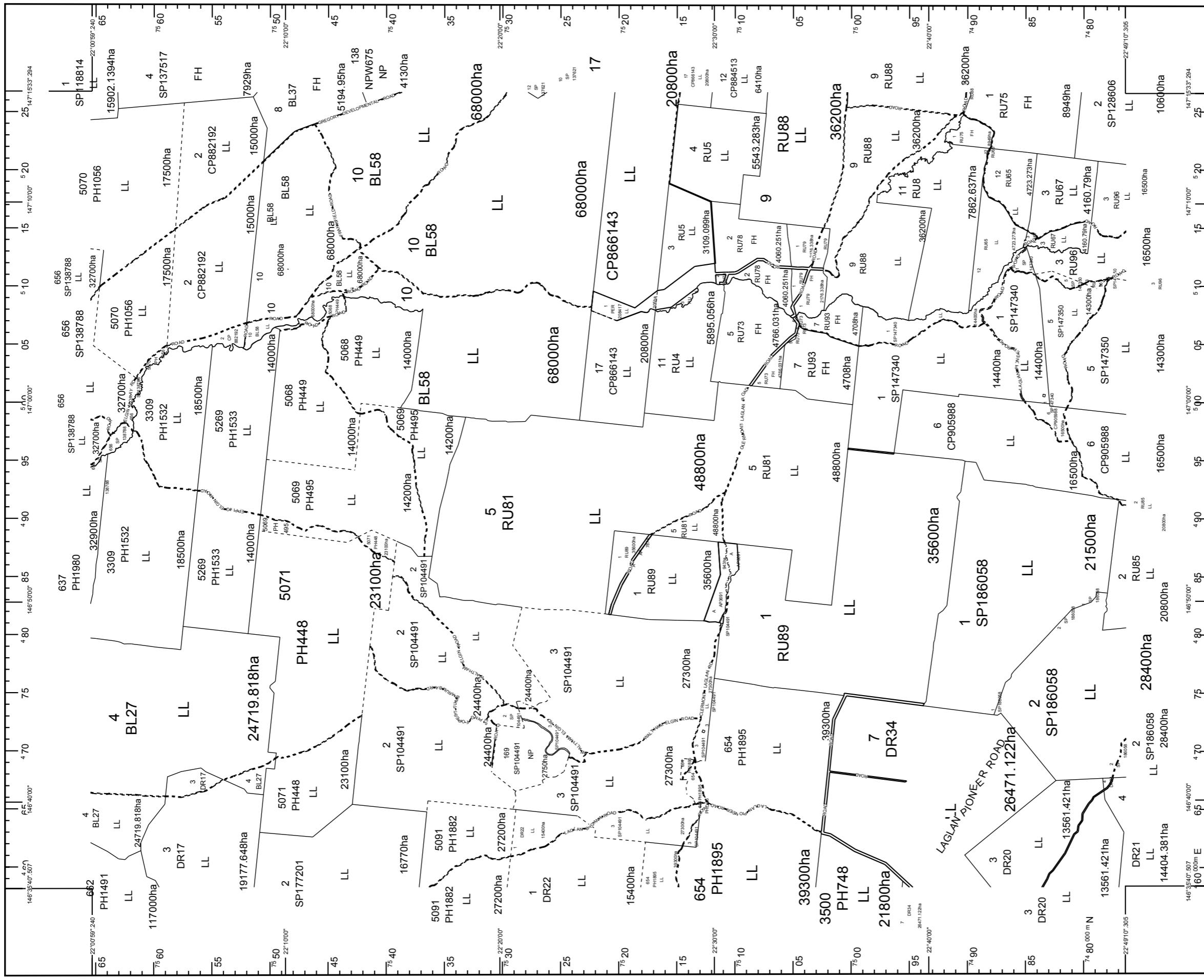
\*\* End of Report \*\*

## Appendix E Current and Historical Certificates of Title and Registered Plans

**Phase 1 Environmental Site Assessment Desktop Study  
Waratah Coal - Galilee Coal Project**

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STANDARD MAP NUMBER  
8253-22421

MAP WINDOW POSITION &  
NEAREST LOCATION



X GDA

CLIENT SERVICE STANDARDS  
PRINTED dd/mm/yyyy 25/05/2012

SmartMap  
An External Product of  
SmartMap Information Services

Based upon an extraction from the  
Digital Cadastral Data Base



Queensland  
Government  
(c) The State of Queensland,  
(Department of Environment and  
Resource Management) 2012.

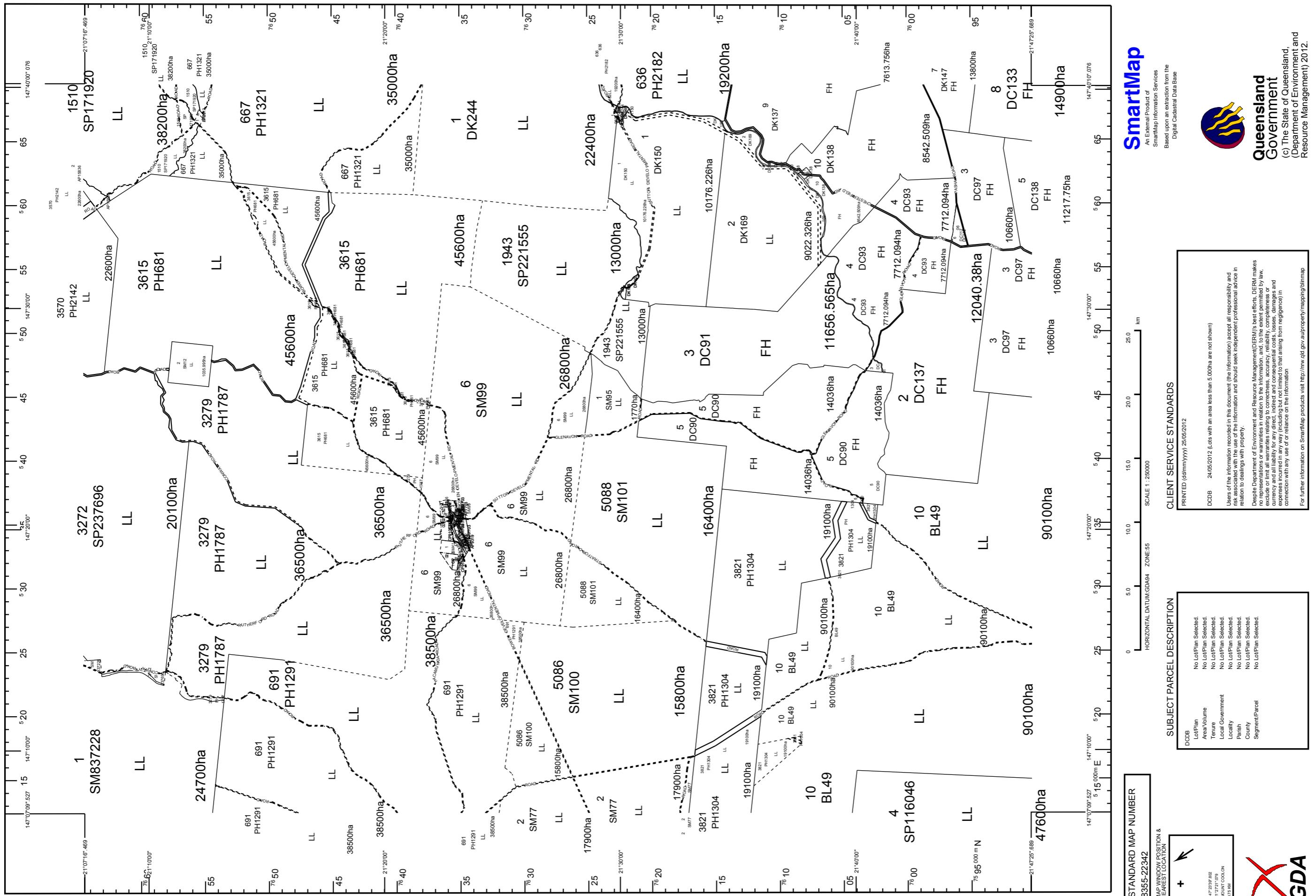
SmartMap

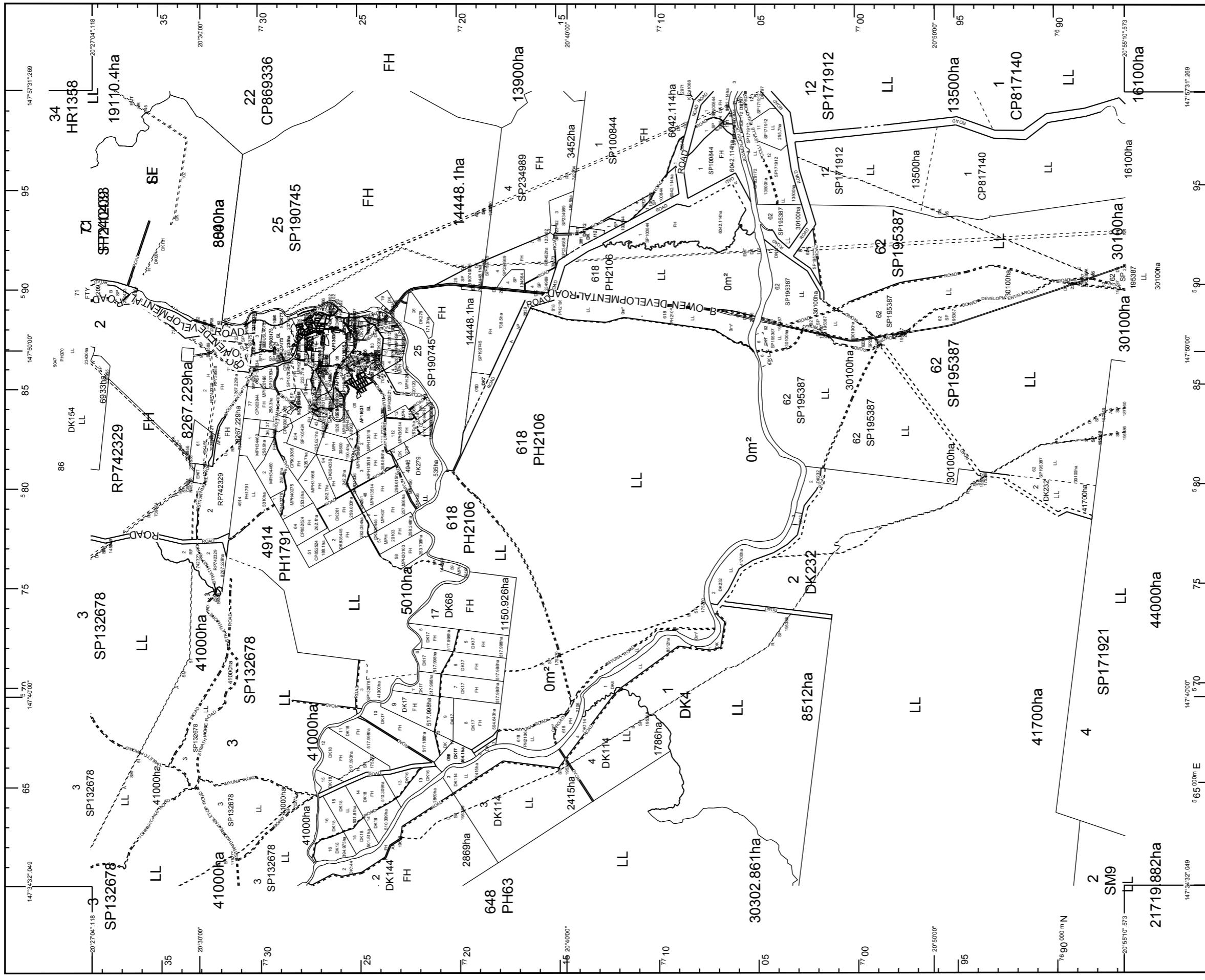
An External Product of  
SmartMap Information Services

Based upon an extraction from the  
Digital Cadastral Data Base



Queensland  
Government  
(c) The State of Queensland,  
(Department of Environment and  
Resource Management) 2012.





**STANDARD MAP NUMBER**  
8456-13432

MAP WINDOW POSITION &  
NEAREST LOCATION  
147°40'00"E  
20°55'00"S  
SPRINGLANDS  
12.41 KM

**GDA**

**CLIENT SERVICE STANDARDS**  
PRINTED (dd/mm/yyyy) 29/06/2012  
SCALE 1 : 175000

SUBJECT PARCEL DESCRIPTION	
DCDB	618/PH2106 0m <sup>2</sup> LANDS LEASE WHITSUNDAY REGIONAL SPRINGLANDS BIRRALEE DRAKE 467491

**DCDB**  
28/06/2012 (Lots with an area less than 5,000ha are not shown)  
Users of the information recorded in this document (the Information) accept all responsibility and risk associated with the use of the Information and should seek independent professional advice in relation to dealings with property.  
Despite Department of Environment and Resource Management (DERM)'s best efforts, DERM makes no representations or warranties relating to the correctness, accuracy, reliability, completeness or currency and all liability for any direct, indirect and consequential costs, losses, damages and expenses incurred in any way (including but not limited to that arising from negligence) in connection with any use of or reliance on the Information.

**SmartMap**  
An Extract Product of  
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Digital Cadastral Data Base



**Queensland Government**  
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## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14158677

Search Date: 29/06/2012 13:53

Title Reference: 17665227

Date Created: 21/10/1995

### DESCRIPTION OF LAND

Tenure Reference: PPH 12/5088

LOT 5088 CROWN PLAN SM101  
County of SELLHEIM Parish of ACRE  
County of SELLHEIM Parish of VERBENA  
Local Government: WHITSUNDAY

Area: 16400.000000 Ha. (SURVEYED)

No Land Description

No Forestry Entitlement Area

No Future Conservation Area

Purpose for which granted:

NO PURPOSE DEFINED

### TERM OF LEASE

Term and day of beginning of lease

Term: 50 years commencing on 01/04/1967

Expiring on 31/03/2017

### REGISTERED LESSEE

RICHARD MCAULAY POWELL

### CONDITIONS

- M76 The holding shall be stocked to its reasonable carrying capacity with the lessee's own sheep or cattle or both sheep and cattle within a period of three years from the date of the commencement of the lease and shall thereafter be used for producing wool or cattle or both wool and cattle.
- M76 The lessee shall, within three years from the date of the commencement of the lease, enclose the holding with a good and substantial fence, and shall at all times thereafter during the term of the lease keep the holding so enclosed.
- M76 The lessee shall, during the whole of the term of the lease, maintain all improvements on the holding existing at the commencement thereof, together with the improvements effected in compliance with the conditions of lease, in a good and substantial state of repair.
- M76 The lessee shall, within one year from the date of commencement of the lease destroy all Harrisia cactus on the holding and shall thereafter maintain the holding free therefrom.

## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14158677

Search Date: 29/06/2012 13:53

Title Reference: 17665227

Date Created: 21/10/1995

### CONDITIONS

- M76 The lessee shall within three years from the commencement of the term of the lease and to the satisfaction of the Minister provide on the holding (2) additional permanent water facilities, if earth tanks, to be not less than 8,000 cubic yards capacity and to be equipped and fenced.
- M78 The lessee shall, within seven years from the date of commencement of the lease, and to the satisfaction of the Minister, develop an area not less than 7,000 acres, by-
- (a) Destroying by ringbarking or otherwise in accordance with a Permit granted by the Land Commissioner scrub on the holding in equal proportions during each year of the period specified and shall thereafter maintain such area free from all regrowth, suckers and undergrowth; and
  - (b) Burning all scrub destroyed in performance with this condition as soon as it shall be practicable and prudent to do so and sowing such cleared area to artificial grasses.

### ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by  
Lease No. 17665227
2. MORTGAGE NO 602805554 (M151743) 21/09/1967  
COMMONWEALTH DEVELOPMENT BANK OF AUSTRALIA
3. MORTGAGE NO 602805555 (M173992) 26/07/1974  
COMMONWEALTH TRADING BANK OF AUSTRALIA

### ADMINISTRATIVE ADVICES

Dealing	Type	Lodgement Date	Status
710361005	VEG NOTICE	22/02/2007 13:56	CURRENT
	VEGETATION MANAGEMENT ACT 1999		

UNREGISTERED DEALINGS - NIL

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current State Tenure Search \*\*

Information provided under section 34 Land Title Act(1994) or  
section 281 Land Act(1994)

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Requested By: External Supervisor

1627.

VOL.

7665 FOL. 227

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17665227



QUEENSLAND

Warrigal Holding

South Kennedy District,

12/5088

## LEASE OF PREFERENTIAL PASTORAL HOLDING

under Part III., Division I., of "The Land Acts,  
1962 to 1967"

Elizabeth the Second, by the Grace of God, of the United Kingdom, Australia, and Her other  
Realms and Territories, Queen, Head of the Commonwealth, Defender of the Faith;

To All to whom these Presents shall come, Greeting:

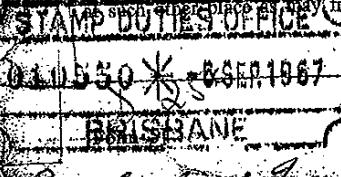
Whereas, RICHARD McAULAY POWELL

in Our State of Queensland, in pursuance of Part III., Division I., of "The Land Acts, 1962 to 1967," (hereinafter referred to as "the said Acts"), is now entitled to a Lease of the Land described in the Schedule endorsed on these Presents for the term, and at the yearly rent hereinafter mentioned, and with, under, and subject to the conditions, stipulations, reservations, and provisos in the said Acts and hereinafter contained: Now KNOW YE that, in consideration of the premises and of the sum of Nine hundred and sixty-two dollars fifty cents. paid for a full year's rent, and of the rent hereby reserved, We, in pursuance of the said Acts DO HEREBY; for Us, Our Heirs and Successors, Demise and Lease unto the said RICHARD McAULAY POWELL

(hereinafter with his Successors in title designated "the Lessee") and his lawful Assigns, ALL THAT Portion of Land situated in the District of South Kennedy in Our said State more particularly described in the Schedule hereto, To HOLD unto the Lessee and his lawful Assigns for land during the term of Thirty years, to be computed from the First day of April in the Year One thousand nine hundred and sixty-seven subject to the conditions and provisos in Part III., Division I., of the said Acts, subject to the conditions of Personal Residence (first seven years) and Occupation as defined by the said Acts.

and in the notification dated the Twentieth day of October, 1966 declaring the said land open for Preferential Pastoral Lease, and to all other rights, powers, privileges, terms, conditions, provisions, exceptions, restrictions, reservations, and provisos referred to, contained, or prescribed in and by the said Acts, "The Mining on Private Land Acts, 1909 to 1965," and "The Petroleum Acts, 1923 to 1962," or any Regulations made or which may hereafter be made under the aforesaid Acts or any of them: YIELDING AND PAYING unto Us, Our Heirs and Successors on or before the Thirtieth day of September in each and every year during the first period of ten years of the said term, the yearly rent or sum of Nine hundred and sixty-two dollars fifty cents.

being at the rate of Rent Prescribed per square mile per annum on the total area of the said Holding, and (subject to the provisions of the said Acts) in each and every year during each succeeding period of ten years, such yearly rent or sum as shall from time to time be determined by the Land Court, such payments to be made at the Office in Brisbane of the Department of Lands, or at any District Land Office, in Our said State, or being at the rate of Rent Prescribed per square mile per annum on the total area of the said Holding, and (subject to the provisions of the said Acts) in each and every year during each succeeding period of ten years, such yearly rent or sum as shall from time to time be determined by the Land Court, such payments to be made at the Office in Brisbane of the Department of Lands, or at any District Land Office, in Our said State, or



6 SEP 67 02994 DUTY STAMP

QUEENSLAND STAMP DUTIES ACT 1923 - COMMENCEMENT

7605-227

PROVIDED NEVERTHELESS: and these Presents are upon the express conditions that:

(1) The holding shall be stocked to its reasonably carrying capacity with the lessee's own sheep or cattle or both sheep and cattle within a period of three years from the date of the commencement of the lease and shall thereafter be used for producing wool or cattle or both wool and cattle. (2) The lessee shall, within three years from the date of the commencement of the lease, enclose the holding with a good and substantial fence, and shall at all times thereafter during the term of the lease keep the holding so enclosed. (3) The lessee shall, during the whole of the term of the lease, maintain all improvements on the holding existing at the commencement thereof, together with the improvements effected in compliance with the conditions of lease, in a good and substantial state of repair. (4) The lessee shall, within one year from the date of commencement of the lease, destroy all Harrisia cactus on the holding and shall thereafter maintain the holding free therefrom. (5) The lessee shall, within seven years from the date of commencement of the lease, and to the satisfaction of the Minister, develop an area not less than 7,000 acres by:- (a) Destroying by ringbarking or otherwise in accordance with a Permit granted by the Land Commissioner scrub on the holding in equal proportions during each year of the period specified and shall thereafter maintain such area free from all regrowth, suckers and undergrowth; and (b) Burning all scrub destroyed in performance with this condition as soon as it shall be practicable and prudent to do so and sowing such cleared area to artificial grasses.

(6) The lessee shall within three years from the commencement of the term of the lease and to the satisfaction of the Minister provide on the holding two (2) additional permanent water facilities, if earth tanks to be not less than 8,000 cubic yards capacity and to be equipped and fenced.

PROVIDED ALWAYS AND WE DO HEREBY RESERVE unto Us, Our Heirs and Successors, all Gold and Minerals (the term "Minerals" to have the same meaning as in "The Mining on Private Land Acts, 1909 to 1965"), on and below the surface of the said Land, and all Mines of Gold and Minerals, on and below the surface of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly authorised by Us in that behalf, during the term of the said Lease, the free right and privilege of access, including ingress, egress, and regress, into, upon, over, and out of the said Land, for the purpose of searching for or working Gold and Minerals, or any of them, or Mines of Gold and Minerals, or any of them, in any part of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Acts, 1923 to 1962"), on or below the surface of the said Land: AND ALSO all rights of access for the purpose of searching for, and for the operations of obtaining Petroleum in any part of the said Land: AND ALSO all rights of way for access and for pipe lines and other purposes requisite for obtaining and conveying Petroleum in the event of Petroleum being obtained in any part of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, all Helium found in association with Petroleum in any part of the said Land: AND WE DO FURTHER RESERVE the right of any person duly authorised in that behalf by the Governor of Our said State in Council at all times to go upon the said Land, or any part thereof, for any purpose whatsoever, or to make any survey, inspection, or examination of the same.

IN TESTIMONY WHEREOF, We have caused this Our Lease to be sealed with the Seal of Our said State.

WITNESS Our Trusty and Well-beloved the Honourable SIR ALAN JAMES MANSFIELD, Knight Commander of Our Most Distinguished Order of Saint Michael and Saint George, Governor in and over Our State of Queensland and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this Twenty-ninth  
day of July, in the sixteenth year of Our Reign  
and in the year of Our Lord One thousand nine hundred and sixty-seven.

#### Schedule referred to in the within Lease

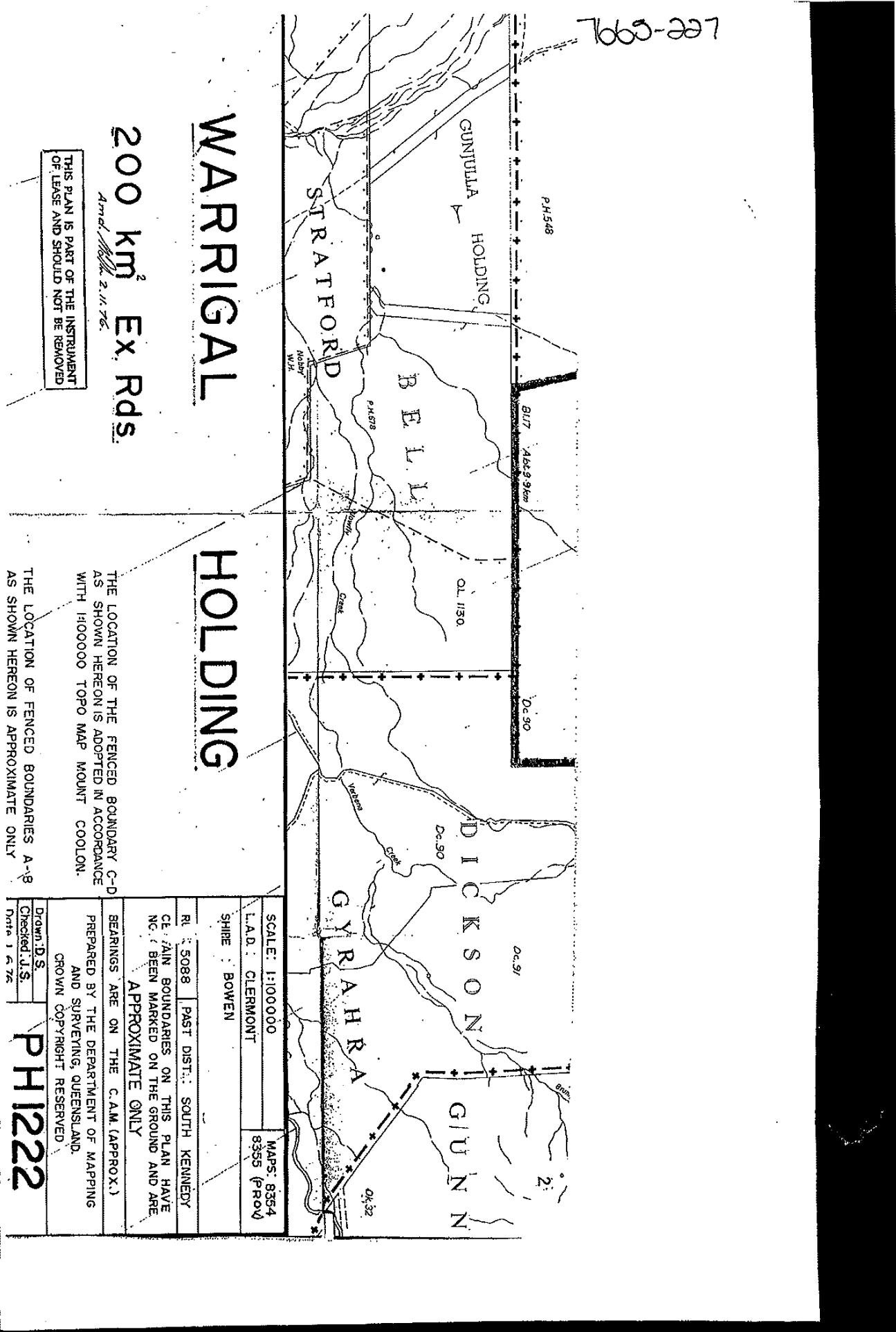
Warrigal Holding

South Kennedy

*LOT 5028 & 1/2 P121914*

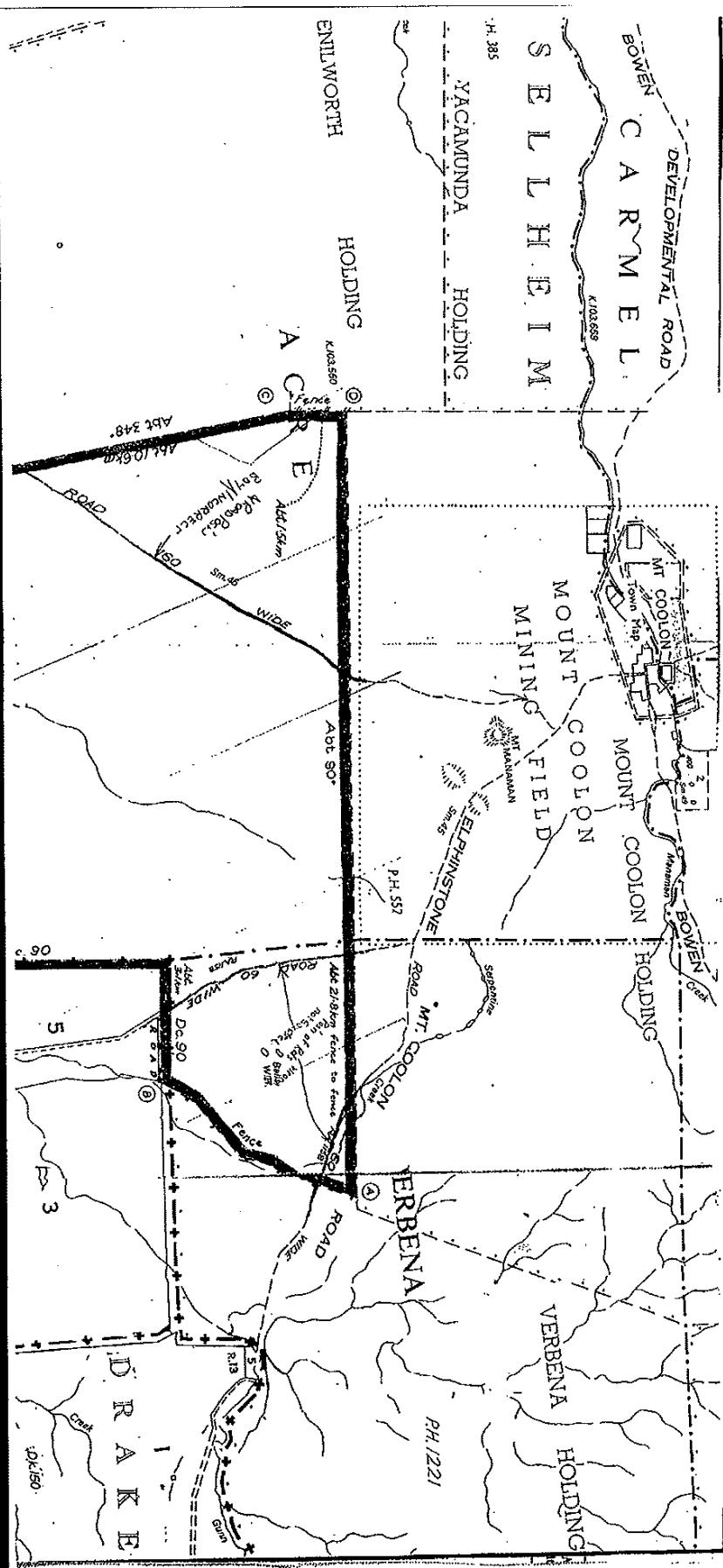
Area: Seventy-seven square miles. 200 km<sup>2</sup> 172 km<sup>2</sup> SEE ATTACHED

AMENDED DIAGRAM <sup>2058</sup>  
Plan No. PH 1222 1914  
*2.11.76*

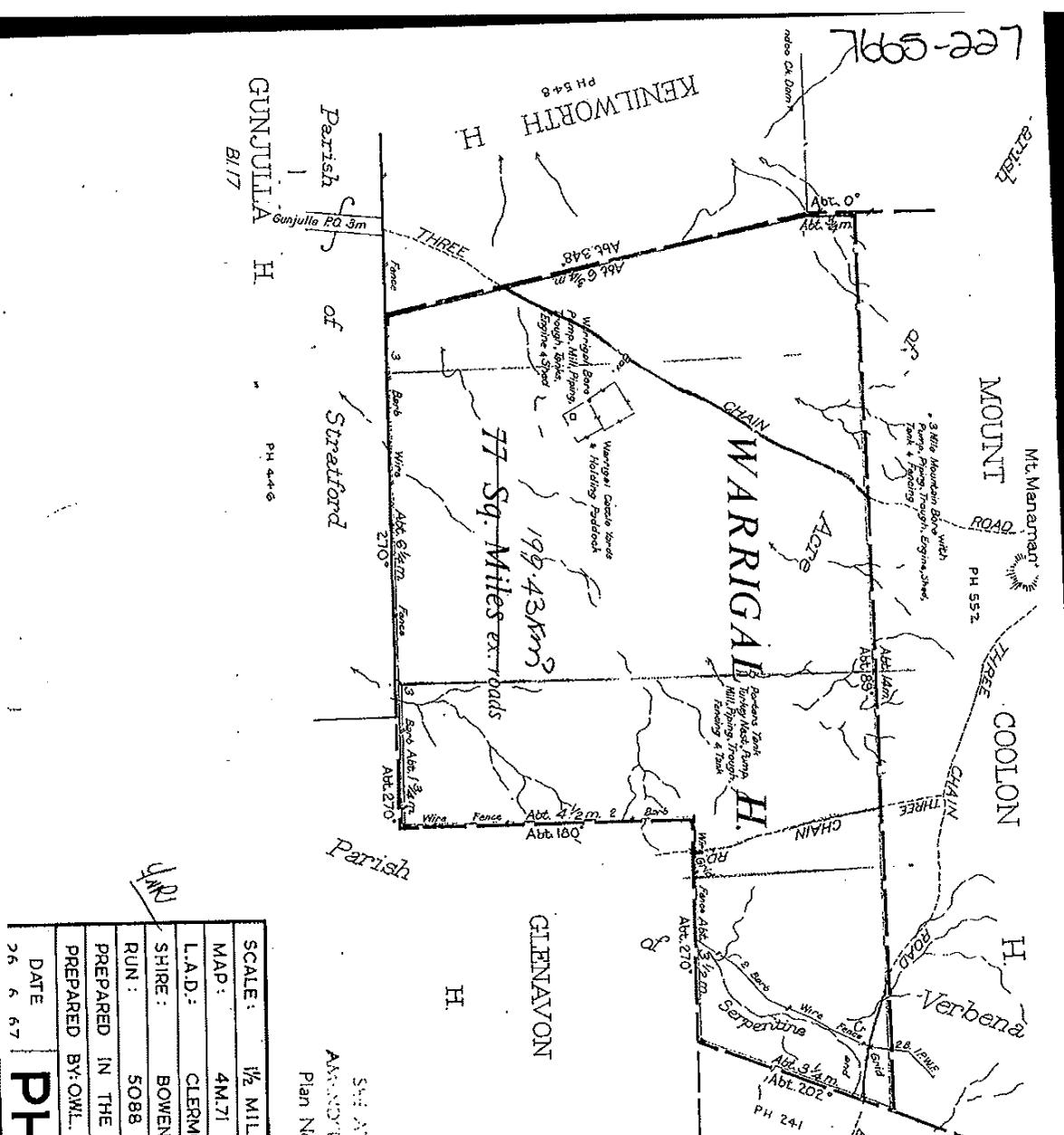


7665-227  
LEE-998

7665-227



7665-227



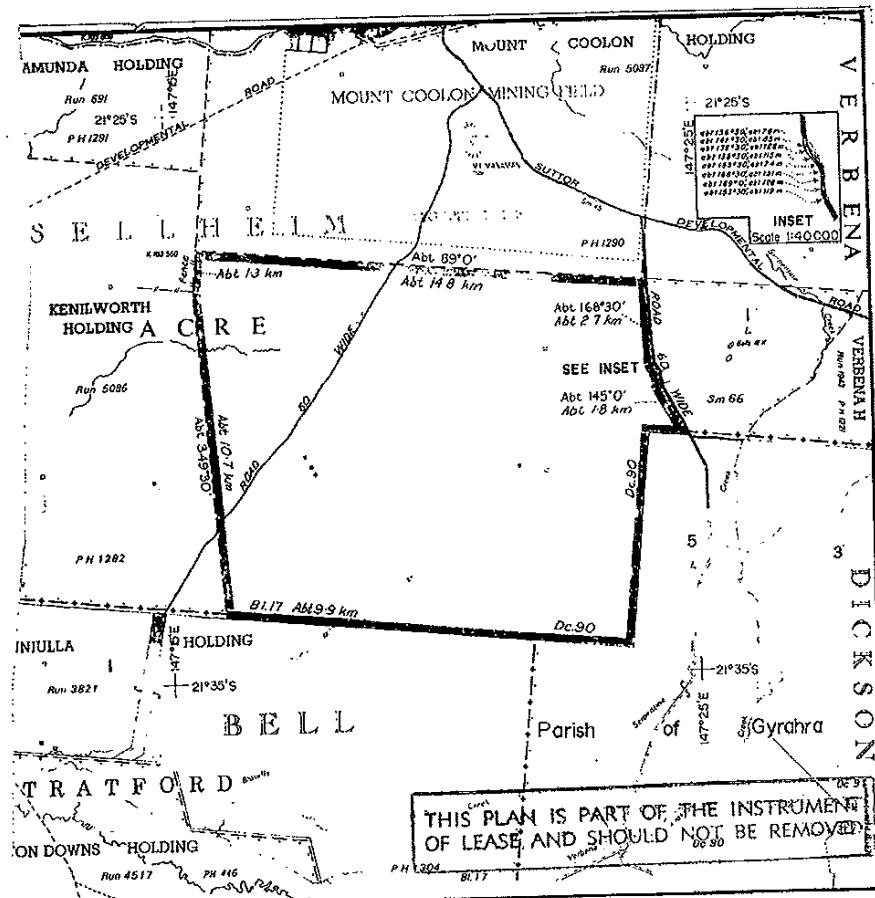
SCALE:	$\frac{1}{2}$ MILES TO AN INCH
MAP:	4M.71
L.A.D.:	CLERMONT
SHIRE:	BOWEN
RUN:	5088
PREPARED IN THE SURVEY OFFICE	
PREPARED BY: O.W.L.	CHECKED BY: D.W.B.
DATE	26 6 67

**PH 549**

7665-227

Transfers, Mortgages, Etc., Registered (continued)

7665-227



1. NOT WITHIN ANY MINING FIELD.  
2. Improvements and natural features have been shown on this plan from 1972.  
3. The digitised area of the holding computes as 172 square kilometres.

**WARRIGAL HOLDING**  
**172 km<sup>2</sup>**  
**Ex Road**

SCALE 1:100,000

PREPARED BY THE DEPARTMENT OF MAPPING AND SURVEYING, QUEENSLAND. CROWN COPYRIGHT RESERVED.

LAD CLERMONT	MAPS B354, B355
SHIRE BOWEN	
RUN 5088	PAST DIST SOUTH KENNEDY
Drawn T.W.C	Approved J.W. BOWEN Q.M.R.N.S.W.
Checked I.R.M	PH 1914
Date 9/2/84	Calc Book 1431/11 SUPERSEDES PH 1222

7665-227

## Transfers, Mortgages, Etc., Registered

151743 Richard

McAulay Powell  
Commonwealth Development Bank of Australia

21 SEP 1969

Mortgage No. 159924 from Richard  
**RELEASE REGISTERED**CORPORATION OF THE AUSTRALIAN BANK  
securing advances as therein set forth.  
Registered 24 DEC 1969

Registrar of Dealing

For Secretary Land Administration Commission

Mortgage No. 173992 from Richard  
McAulay Powell to  
Commonwealth Trading Bank of Australia  
securing advances as therein set forth.  
Registered

Registrar of Dealing

In terms of Metric Conversion Act 1972 the  
area of the within-described holding is con-  
verted to 199.43 Km<sup>2</sup>

Registrar of Dealing

Consequent upon relocation of areas of  
road inthe within-described Holding  
the area thereof has been converted to  
and the annual rental to remain unaltered as  
from 1st October, 1974.

Registrar of Dealing

Consequent upon surrender of an area from  
and recomputation of the area ofthe within-described Holding  
the area thereof has been amended to 200 Km<sup>2</sup>  
and the annual rental to \$965.25  
from 1st January, 1976.

Registrar of Dealing

TRANSFER of the Lessee's Interest in the  
within described holding to RICHARD  
MC AULAY POWELL and MICHAEL DAVID SHAW  
as tenants in common in equal interests

16 NOV 1979

Registered:

Registrar of Dealing

TRANSFER of the Lessee's Interest in the  
within described holding to

RICHARD MC AULAY POWELL

Registered: 21 JUN 1982 Registrar of Dealing

Consequent upon the surrender of an area  
fromthe within-described Holding  
the area thereof has been amended to 172 Km<sup>2</sup>  
and the annual rental to \$894.40  
from 1st October 1982 Plan Ph 1944 is  
substituted in lieu of Plan Ph 1222  
Registered 21 JUN 1982 Registrar of DealingPursuant to the provisions of Section 5, of the  
Land Act Amendment Act 1986 the term of  
the within lease is extended by twenty (20)  
years.Signature  
Registrar of DealingIN terms of Regulation 41A (1) of  
the Land Regulations, the description  
of the Land comprised in the within  
lease is amended to lot 5088  
on plan PH 1914.Signature  
Registrar of DealingAS FROM 1st JULY 1989  
THE ITEMS LISTED IN THE  
SCHEDULE HEREUNDER ARE THE AMENDED PARTICULARS  
OF THE WITHINDESCRIBED HOLDING CONSEQUENT UPON THE  
EXCLUSION OF AN AREA of 576 ha from Warrego  
Pastoral holding for inclusion into GHP 2543  
Description: lot 5088 on Plan Sm 101  
Area: 16400 ha  
Rent: \$2410.00DEALING No. L 559908 N  
PRODUCED 9 JUL 1993  
REGISTERED 19 JUL 1993  
S. J. REGISTRAR OF TITLESMemorandum of Mortgage to: Queensland  
Rural Adjustment AuthorityNo. 700614561  
PRODUCED 21 April 1995  
REGISTERED 17 MAY 1995  
REGISTRAR OF TITLES

## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14158677

Search Date: 29/06/2012 13:53

Title Reference: 17665239

Date Created: 21/10/1995

### DESCRIPTION OF LAND

Tenure Reference: PH 12/5441

LOT 5	CROWN PLAN RU81	Parish of BERESFORD
	County of RUTLEDGE	Parish of ROSHERVILLE
	County of RUTLEDGE	
	Local Government: ISAAC	

Area: 48800.000000 Ha. (ABOUT)

No Land Description

No Forestry Entitlement Area

No Future Conservation Area

Purpose for which granted:

NO PURPOSE DEFINED

### TERM OF LEASE

Term and day of beginning of lease

Term: 50 years commencing on 01/10/1985

Expiring on 30/09/2035

### REGISTERED LESSEE

Dealing No: 707940492 02/08/2004

RALCO HOLDINGS PTY LTD A.C.N. 104 743 311  
TRUSTEE  
UNDER DOCUMENT 707940492

### CONDITIONS

- M76 The lessee shall during the whole term of the lease maintain the parts of the holding on which trees were previously destroyed in the improvement of the land free from all suckers and undergrowth as well as all seeding growth in respect of which a Permit to Destroy is not required.
- M76 The lessee shall within three (3) years from the date of commencement of the lease and to the satisfaction of the Minister provide two (2) additional earth tanks or dams on the holding. Such facilities to each have a capacity of not less than 15,000 cubic metres.
- M76 The lessee shall during the whole term of the lease maintain all improvements on the holding existing at the commencement thereof, together with the improvements effected in compliance with conditions (2) and (3) hereof, in a good and substantial state of repair.

## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14158677

Search Date: 29/06/2012 13:53

Title Reference: 17665239

Date Created: 21/10/1995

### CONDITIONS

M80 The lessee shall within three (3) years from the date of commencement of the lease and to the satisfaction of the Minister develop an area of not less than 8,000 hectares of scrub on the holding by:-

- (a) Destroying such scrub by ringbarking or otherwise in accordance with a Permit granted by the Land Commissioner, in equal proportions during each year of each period, and thereafter maintaining such area free from all regrowth, suckers and undergrowth;
- (b) Burning all scrub destroyed in the performance of this condition as soon as it shall be practicable and prudent to do so; and
- (c) Sowing such cleared area to improved pasture with such grass or grasses as may be approved by the Minister.

The lessee shall within one month from the commencement of the term of the lease, apply to the Land Commissioner for a Permit to Destroy Trees on the holding so that performance of this condition can be undertaken.

### ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by Lease No. 17665239
2. MORTGAGE No 707940511 02/08/2004 at 14:52  
ELDERS RURAL BANK LIMITED A.B.N. 74 083 938 416
3. MORTGAGE No 712692464 28/08/2009 at 10:21  
COMMONWEALTH BANK OF AUSTRALIA A.B.N. 48 123 123 124

### ADMINISTRATIVE ADVICES

Dealing	Type	Lodgement Date	Status
714321200	VEG NOTICE VEGETATION MANAGEMENT ACT 1999	20/02/2012 10:39	CURRENT

UNREGISTERED DEALINGS - NIL

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current State Tenure Search \*\*

Information provided under section 34 Land Title Act(1994) or section 281 Land Act(1994)

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Requested By: External Supervisor

Appendices | Phase 1 Environmental Site Assessment – Contaminated Land

17665239 V0 See ATS for Status Page 1 of 4

[Form 4]  
86.486

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DUPPLICATE

VOL.S 7665 FOL.239



QUEENSLAND

Lease of PASTORAL HOLDING

under the Land Act 1962-1986

17665239

Elizabeth the Second, by the Grace of God, Queen of Australia, and Her other Realms and Territories, Head of the Commonwealth:—

To All to whom these Presents shall come, Greeting:

We, with the advice of the Executive Council of Our State of Queensland, and in pursuance of the provisions of the Land Act 1962-1986,

do hereby demise and lease as Beresford Pastoral Holding Run No.12/5441 unto the person described in Schedule III hereto,

ALL that Parcel of Land in Our said State, described in Schedule I hereto and delineated on plan registered in the Department of Mapping and Surveying and having Catalogue Number as stated in such Schedule I, For a term of years as set forth in Schedule II hereto,

PAYING unto Us on or before the Thirtieth day of September in each year, the yearly rent payable in accordance with the Land Act 1962-1986, such payment to be made at the office in Brisbane of the Department of Lands, or at any District Land Office, in Our said State,

SUBJECT TO the Reservations hereinafter specified and to the Conditions specified in Schedule IV hereto and such other Reservations and Conditions as may be contained in and declared by the Land Act 1962-1986 and the other Laws of Our said State.

Specified Reservations:—

1. (a) All minerals (as defined by the Mining Act 1968-1983) on and below the surface of the land; and  
(b) The right of access for the purpose of searching for and working any mines (as defined by the Mining Act 1968-1983) in any part of the land.
2. (a) All petroleum (as defined by the Petroleum Act 1928-1986) on or below the surface of the land; and  
(b) All rights of access for the purpose of searching for and for the operations of obtaining petroleum in any part of the land; and all rights of way for access and for pipe-lines and other purposes requisite for obtaining and conveying petroleum in the event of petroleum being obtained in any part of the said land.

IN TESTIMONY WHEREOF, We have caused this Our Lease to be Sealed with the Seal of Our said State.

WITNESS Our Trusty and Well-Beloved His Excellency the Honourable Sir WALTER BENJAMIN CAMPBELL, one of Her Majesty's Counsel learned in the law, Governor in and over the State of Queensland and its Dependencies in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this twenty-ninth day of May, in the thirty-fifth year of Our Reign and in the year of Our Lord One thousand nine hundred and eighty-SIX.

SCHEDULE I—DESCRIPTION OF LAND

Run No 12/5441 Name Beresford  
L.A.D. Clermont  
Lot 5 on Plan RU81  
Parishes Beresford and Rosherville  
County Rutledge  
Area About 48800 hectares

*W.B. Campbell*

SCHEDULE II—TERM OF LEASE

Term: 30 years commencing on 1st October, 1985

SCHEDULE III—LESSEE

STANBROKE PASTORAL COMPANY PTY. LTD.

Department of Lands References:—  
Previous File Ref: Beresford P.H.12/617

Pt VI Div. III

D.174 C-4 D-128 Old

SCHEDULE IV - Specified Conditions

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1. The Lessee shall during the whole term of the lease maintain the parts of the holding on which trees were previously destroyed in the improvement of the land free from all suckers and undergrowth as well as all seeding growth in respect of which a Permit to Destroy is not required.

2. The Lessee shall within three (3) years from the date of commencement of the lease and to the satisfaction of the Minister provide two (2) additional earth tanks or dams on the holding. Such facilities to each have a capacity of not less than 15,000 cubic metres.

3. The Lessee shall within three (3) years from the date of commencement of the lease and to the satisfaction of the Minister develop an area of not less than 8,000 hectares of scrub on the holding by:-

- (a) Destroying such scrub by ringbarking or otherwise in accordance with a Permit granted by the Land Commissioner, in equal proportions during each year of each period, and thereafter maintaining such area free from all regrowth, suckers and undergrowth;
- (b) Burning all scrub destroyed in the performance of this condition as soon as it shall be practical and prudent to do so; and
- (c) Sowing such cleared area to improved pasture with such grass or grasses as may be approved by the Minister.

The Lessee shall within one month from the commencement of the term of the lease, apply to the Land Commissioner for a Permit to Destroy Trees on the holding so that performance of this condition can be undertaken.

4. The Lessee shall during the whole term of the lease maintain all improvements on the holding existing at the commencement thereof, together with the improvements effected in compliance with conditions (2) and (3) hereof, in a good and substantial state of repair.

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Pursuant to the provisions of Section 5, of the  
Land Act Amendment Act 1983 the term of  
the within lease is extended by twenty (20)  
years.

*W.J. Wilson*

Registrar of Deeds

*Amend lease when orig  
meet in office  
see G.G. 21-5-83 pg. 573.*

## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14158677

Search Date: 29/06/2012 13:53

Title Reference: 17658026

Date Created: 21/10/1995

### DESCRIPTION OF LAND

Tenure Reference: GHPL 5/2060

LOT 4	CROWN PLAN SB45 County of SALISBURY Local Government: WHITSUNDAY	Parish of SALISBURY PLAINS
LOT 1	CROWN PLAN SB279 County of SALISBURY Local Government: WHITSUNDAY	Parish of ABBOT

For exclusions / reservations for public purposes refer to Plan CP SB45

For exclusions / reservations for public purposes refer to Plan CP SB279

Area: 3265.868800 Ha. (SURVEYED)

No Land Description

No Forestry Entitlement Area

No Future Conservation Area

Purpose for which granted:

NO PURPOSE DEFINED

### TERM OF LEASE

Day of beginning of lease

Lease in perpetuity commencing on 01/07/1961

### REGISTERED LESSEE

Dealing No: 704588952 14/02/2001

MICHAEL ALFRED GORDON

### CONDITIONS

M76 Subject to the rights, powers, privileges, terms, conditions, provisions, exceptions, restrictions, reservations and provisoies in the notification dated 9.3.1961 declaring the land open for Selection.

M175 Subject to the condition of Occupation as defined by the Land Act.

## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14158677

Search Date: 29/06/2012 13:53

Title Reference: 17658026

Date Created: 21/10/1995

### ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by  
Lease No. 17658026
2. MORTGAGE No 704588999 14/02/2001 at 09:51  
NATIONAL AUSTRALIA BANK LIMITED A.C.N. 004 044 937

ADMINISTRATIVE ADVICES - NIL

UNREGISTERED DEALINGS - NIL

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current State Tenure Search \*\*

Information provided under section 34 Land Title Act(1994) or  
section 281 Land Act(1994)

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Requested By: External Supervisor

Section 72.



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17658026

102/11/62  
7658/26VOL. 7658 FOL. 26  
2/10/9/62

Grazing F.A.R.M. No. 05/2060



BOWEN District

QUEENSLAND.

Lease of Grazing F.A.R.M. under  
"The Land Acts, 1910 to 1962"

Elizabeth the Second, by the Grace of God, of  
the United Kingdom, Australia, and Her  
other Realms and Territories, Queen, Head  
of the Commonwealth, Defender of the Faith:

To All to whom these Presents shall come, Greeting:

Whereas, ROBERT WILLIAM HAYES

in Our State of Queensland, in pursuance of the provisions of "The Land Acts, 1910 to 1962" (hereinafter referred to as "the said Acts"), is now entitled to a Lease of the Land described in the Schedule endorsed on these presents for the term of Thirty Years, at the yearly rent hereinabove mentioned, and with, under, and subject to the rights, powers, privileges, terms, conditions, provisions, exceptions, restrictions, reservations, and provisos in the said Acts, and hereinafter contained: Now KNOW YE, that in consideration of the premises and of the rent hereby reserved and of the payment of the rent payable under the said Acts for the said Land, and of part of the prescribed survey fee. We, in pursuance of the said Acts, Do HEREBY, for Us, Our Heirs and Successors, Demise and Lease unto the said

ROBERT WILLIAM HAYES

(hereinafter with his Successors in title designated "the Lessee") and his lawful Assigns, All that parcel of Land described in the Schedule endorsed on these presents, To HOLD the same unto the Lessee and his lawful Assigns, for and during the term of Thirty Years, to be computed from the First day of July in the Year One thousand nine hundred and sixty-one, with, under, and subject to the reservations hereinabove particularly mentioned, and to the rights, powers, privileges, terms, conditions, provisions, exceptions, restrictions, reservations, and provisos in the notification dated the ninth day of March, 1961,

declaring the said land open for Selection, to the condition of occupation as defined by the said Acts and to all other rights, powers, privileges, terms, conditions, provisions, exceptions, restrictions, reservations, and provisos referred to, contained, or prescribed in and by the said Acts, "The Mining on Private Land Acts, 1909 to 1950," and "The Petroleum Acts, 1923 to 1955," or any regulations made or which may hereafter be made under the aforesaid Acts or any of them: YIELDING and PAYING unto Us, Our Heirs and Successors, on or before the Thirty-first day of March in each and every year

during the first ten years of the said term, the yearly rent or sum of Sixty-six pounds fifteen shillings and eight pence, and (subject to the provisions of the said Acts); in each and every year during each succeeding period of ten Years, such yearly rent or sum as shall be determined by the Land Court, as the yearly rent for that period.

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such payments to be made at the Treasury in Brisbane, in Our said State, or at such other place as may from time to time be appointed by the Governor of Our said State in Council : PROVIDED ALWAYS AND WE DO HEREBY RESERVE unto Us, Our Heirs and Successors, all Gold and Minerals (the term " Minerals " to have the same meaning as in " *The Mining on Private Land Acts, 1909 to 1956* "), on and below the surface of the said Land, and all Mines of Gold and Minerals, on and below the surface of the said Land : AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly authorised by Us in that behalf during the term of the said Lease, the free right and privilege of access, including ingress, egress, and regress, into, upon, over, and out of the said Land, for the purpose of searching for or working Gold and Minerals, or any of them, or mines of Gold and Minerals, or any of them, in any part of the said Land : AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, all Petroleum (the term " Petroleum " to have the same meaning as in " *The Petroleum Acts, 1923 to 1955* "), on or below the surface of the said Land : AND ALSO all rights of access for the purpose of searching for and for the operations of obtaining Petroleum in any part of the said Land : AND ALSO all rights of way for access and for pipe lines and other purposes requisite for obtaining and conveying Petroleum in the event of Petroleum being obtained in any part of the said Land : AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, all Helium found in association with Petroleum in any part of the said Land : AND WE DO FURTHER RESERVE the right of any person duly authorised in that behalf by the Governor of Our said State in Council at all times to go upon the said Land, or any part thereof, for any purpose whatsoever, or to make any survey, inspection, or examination of the same.

In Testimony whereof, We have caused this Our Lease to be sealed with the Seal of Our said State.

Witness Our Trusty and Well Beloved the Honourable Sir ALAN JAMES MANSFIELD, Knight Commander of Our Most Distinguished Order of Saint Michael and Saint George, Chief Justice of Our State of Queensland, acting as Deputy for and on behalf of

Witness Our Trusty and Well-beloved Sir HENRY ABEL SMITH, Colonel on the Retired List of the Corps of Household Cavalry, Knight Commander of Our Royal Victorian Order, Companion of Our Distinguished Service Order, Governor in and over Our State of Queensland and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland, aforesaid, this

sixth day of September, in  
the eleventh year of Our Reign and in the year of Our Lord One  
thousand nine hundred and sixty-two

*John Alexander Smith*

7658/26

## SCHEDULE.

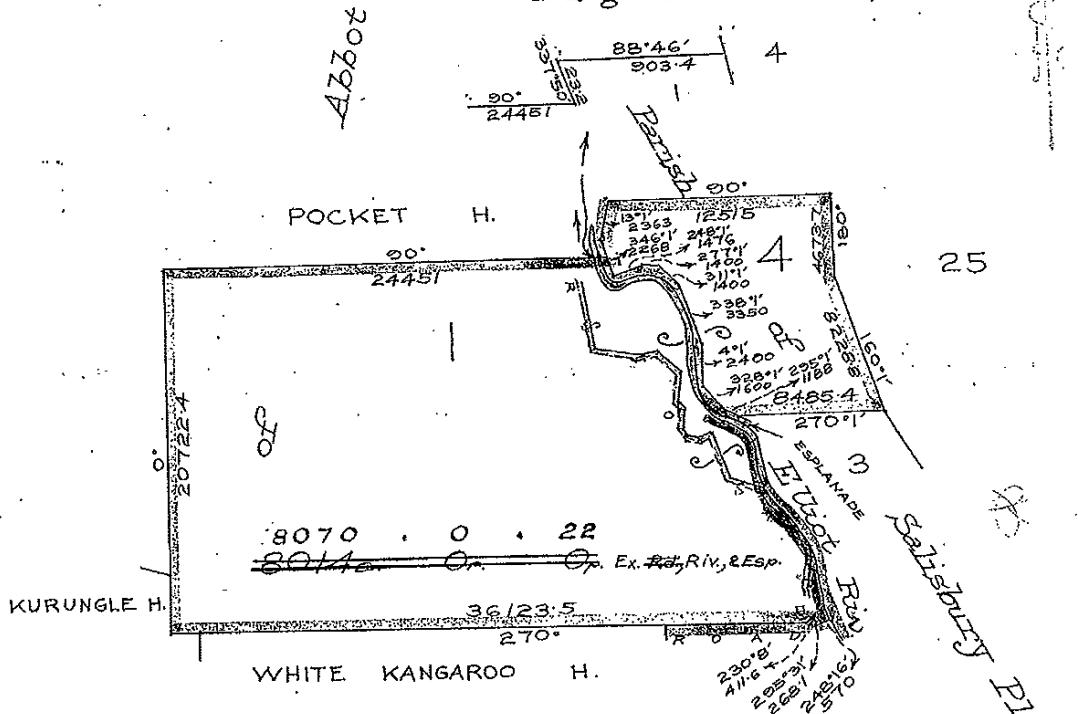
Register No. of Selection 2060 Bowen District

County Salisbury Parish Abbot and Salisbury Plains

Portions One (Abbot) and Four (Salisbury Plains)

Area Eight thousand and fourteen acres.

Diagram (Not to scale)



Lot 1 on Plan S.B.  
 " 4 " " 279  
 S.B. 45

8011.5 ft. 100 ft.  
 approx. 8011.5 ft. 100 ft.  
 8011.5 ft. 100 ft. S.B. 45 & 279

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## Transfers, Assignments, Mortgages, and Subleases Registered.

Mortgage No. 111976 from Robert William Hayes to Commonwealth Bank of Australia securing advances as thereon recorded. Registered 23.2.1957  
Sea. 160A  
For Secretary, Land Administration Commission

Consequent upon the inclusion of an area of closed road in

the within-described Holding 8070 acres the area thereof has been amended to 0 rods 22 perches and the annual rental to \$134.51 as from 1.10.1967

For Secretary, Land Administration Commission

Consequent upon the provisions of Sec. 11, "19 Amendment Act of 1967" the term and current rental period of the within lease is extended for three (3) years.

For Secretary, Land Administration Commission

TRANSFER of the Lessee's interest in the within described holding to ALFRED GEDDES GORDON and MERVERN DONALD GORDON as tenants in common in equal interests.

Registered 14 JAN 1970  
For Secretary, Land Administration Commission

Mortgage No. 194162N from Alfred Geddes Gordon and Mervern Donald Gordon to COMMERCIAL TRADING BANK OF AUSTRALIA SECURING a sum of \$100000.00  
Registered 3 JUN 1983 JUL 1983  
For Secretary, Land Administration Commission

IN terms of Regulation 41A(1) of the Land Regulations, the description of the land comprised in the within lease is amended to lot 5 144 on plan

S.B. 279

S.B. 452/26  
Registrar of Deeds

Mary Eileen Gordon and Wendy Joy Bickhoff as personal representatives of ALFRED GEDDES GORDON, deceased, and MERVERN DONALD GORDON as tenants in common in equal interests are now the registered lessors of the within-described holding.  
TRANSMISSION BY DEATH No. L321016W  
PRODUCED 31 DEC 1992  
REGISTERED 3 JUN 1993 SW  
REGISTRAR OF TITLES

Michael Alfred Gordon and Mervern Donald Gordon as tenants in common in equal interests

are now the registered lessors of the within-described holding.  
TRANSFER No. L603570R  
PRODUCED 26 MAY 1993  
REGISTERED 3 JUN 1993 SW  
REGISTRAR OF TITLES

Memorandum of Mortgage to Commonwealth Bank of Australia  
No. L508575F  
PRODUCED 26 MAY 1993  
REGISTERED 3 JUN 1993 SW  
REGISTRAR OF TITLES

Pursuant to Section 61 of the Land Act Amendment Act 1984 converted to Grazing Homestead Perpetual Lease from 15.5.1984

Registrar of Deeds

Govt. Printer, Brisbane.

## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14159338  
Search Date: 29/06/2012 14:41

Title Reference: 17664023  
Date Created: 21/10/1995

### DESCRIPTION OF LAND

Tenure Reference: PDH 5/618

LOT 618 CROWN PLAN PH2106  
County of DRAKE Parish of BIRRALEE  
County of DRAKE Parish of MACEDON  
Local Government: WHITSUNDAY

Area: 28400.00000 Ha. (SURVEYED)

No Land Description

No Forestry Entitlement Area

No Future Conservation Area

Purpose for which granted:

NO PURPOSE DEFINED

### TERM OF LEASE

Term and day of beginning of lease

Term: 63 years commencing on 01/10/1959

Expiring on 30/09/2022

### REGISTERED LESSEE

GORDON WALLACE MACNICOL

### CONDITIONS

- M76 The provisions of section 146 of "The Land Acts, 1910 to 1959", shall be varied with respect to the holding so that no resumption under that section shall be made from the holding during the term of the lease.
- M76 Any primary growth of Harrisia cactus on that part or parts of the holding shown hachured black on the diagram hereunder shall, during the first three years of the term of the lease be treated and dealt with by the Minister at the cost and expense of the Crown and thereupon or on any earlier date during the said period when that part or any of the parts aforesaid of the holding has or have been treated and dealt with to a stage or state satisfactory to the Minister, the Minister shall notify the lessee in writing that any further treatment thereof for the eradication of Harrisia cactus or for the maintaining the keeping free thereof from recurring growth of Harrisia cactus upon the said part or parts of the holding shall become and remain the liability or responsibility of the lessee at their cost and expense in accordance with the terms and provisions of condition 2 (a) above.

## CURRENT STATE TENURE SEARCH

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14159338

Search Date: 29/06/2012 14:41

Title Reference: 17664023

Date Created: 21/10/1995

### CONDITIONS

- M76 Notwithstanding anything to the contrary to condition (4) hereof the lessee shall at their own cost and expense and forthwith upon being required to do so by notice in writing from the Minister, fall by mechanical means or otherwise, to the satisfaction of the Minister, any brigalow and softwood scrub on the whole or any part of the area or areas of the holding in relation to which the Crown and/or the Minister is under liability or obligation in accordance with the provisions of condition (3) hereof and the lessee shall as soon as it shall be practicable and prudent at his own cost and expense destroy by fire, to the satisfaction of the Minister, all timber felled in compliance with the requirements of any notice in writing given him by the Minister.
- M78 Subject to and save as otherwise provided by condition (3) hereof:-  
(a) The lessee shall, during the first ten years of the term of the lease, and at a rate of progress during each year of such period as directed or from time to time directed in writing by the Prickly-pear Warden for the Collinsville Prickly-pear District, eradicate to the satisfaction of the Minister all primary growth and any recurring growth of all Harrisia cactus growing upon the holding, and thereafter during the remainder of the term of the lease the lessee shall keep and maintain the holding free from all Harrisia cactus.  
(b) The lessee shall not at any time permit or allow any Harrisia cactus growing upon any part of the holding in respect to which the lessee shall have commenced to perform and comply with the requirements of condition 2 (a) above, to bear and produce flower or ripened fruit.
- M78 (a) The lessee shall, within the first three years of the term of the lease, in equal proportions during each year, fall by mechanical means or otherwise, to the satisfaction of the Minister, all brigalow and softwood scrub on the holding and shall as soon as it shall be practicable and prudent destroy by fire, to the satisfaction of the Minister, all timber felled.  
(b) The lessee shall within a reasonable time from the commencement of the lease apply to the Warden of the Collinsville Prickly-pear District for a permit to destroy the timber on the scrub areas required to be destroyed in performance of this condition  
(c) The lessee shall at all times during the remainder of the term of the lease keep and maintain each and every part of the holding on which scrub has been felled, and burnt in compliance with this condition free from all seedling growth, regrowth, and undergrowth.

**CURRENT STATE TENURE SEARCH**

DEPT OF NATURAL RESOURCES AND MINES, QUEENSLAND

Request No: 14159338

Search Date: 29/06/2012 14:41

Title Reference: 17664023

Date Created: 21/10/1995

**ENCUMBRANCES AND INTERESTS**

1. Rights and interests reserved to the Crown by  
Lease No. 17664023
2. EASEMENT No 602805138 (A419) 28/05/1970  
EASEMENT IN PURSUANCE OF AN AGREEMENT DATED THE 15TH DAY OF  
JULY 1969 BETWEEN THE LESSEE OF THE WITHIN DESCRIBED HOLDING  
AND  
THE NORTHERN ELECTRIC AUTHORITY OF QUEENSLAND FOR PURPOSES  
AS DEFINED IN SUCH AGREEMENT.
3. EASEMENT No 602805139 (K356358C) 02/08/1990  
BURDENING THE LAND  
TO LOT 9 ON CP DK239  
OVER EASEMENT B ON CP DK239
4. NOTING No 713746964 07/03/2011 at 15:56  
EASEMENT: 602805139 (K356358C)  
THE BENEFITING TENEMENT OF THE EASEMENT IS RECORDED UNDER  
EASEMENT 601428392 (T485597N) OVER TITLE REFERENCE 21424044
5. MORTGAGE No 602805140 (L3975R) 09/04/1992  
WESTPAC BANKING CORPORATION
6. EASEMENT IN GROSS No 708971449 13/09/2005 at 10:58  
burdening the land  
ENERTRADE (NQ) PIPELINE NO.1 PTY LTD A.C.N. 100 946 281  
TENANT IN COMMON 3/5  
ENERTRADE (NQ) PIPELINE NO.2 PTY LTD A.C.N. 100 946 263  
TENANT IN COMMON 2/5  
over  
EASEMENTS W AND X ON SP175270
7. EASEMENT IN GROSS No 713639655 21/12/2010 at 14:34  
burdening the land  
SUNWATER LIMITED A.C.N. 131 034 985  
over  
EASEMENT D ON SP195388

**ADMINISTRATIVE ADVICES**

Dealing	Type	Lodgement Date	Status
709622305	VEG NOTICE	24/05/2006 14:18	CURRENT
VEGETATION MANAGEMENT ACT 1999			
UNREGISTERED DEALINGS - NIL			

Corrections have occurred - Refer to Historical Search

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current State Tenure Search \*\*

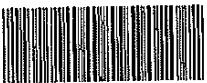
Information provided under section 34 Land Title Act(1994) or  
section 281 Land Act(1994)COPYRIGHT THE STATE OF QUEENSLAND (DEPT OF NATURAL RESOURCES AND MINES) [2012]  
Requested By: External Supervisor



SECTION 16 L.A.A. Act of 1927  
SECTION 41 (2)



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05/618

BIRRALEE HOLDING

SOUTH KENNEDY District.

VOL. 7664 FOL. 23

## LEASE OF PASTORAL DEVELOPMENT HOLDING

under Part III., Division I., of  
"The Land Acts, 1910 to 1959," and  
"THE PRICKLY PEAR LAND ACTS, 1923 to 1951".

Elizabeth the Second, by the Grace of God, of  
the United Kingdom, Australia, and Her  
other Realms and Territories, Queen, Head  
of the Commonwealth, Defender of the Faith:-

To All to whom these Presents shall come, Greeting:

Whereas, — QUEENSLAND TRUSTEES LIMITED AND FREDERICK LONGWILL, as Surviving  
Executors of the will of James Longwill, deceased,

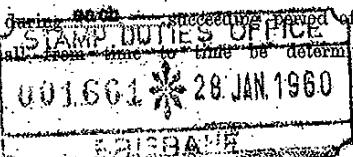
in Our State of Queensland, in pursuance of Part III., Division I., of "The Land Acts,  
1910 to 1959," and "The Prickly Pear Land Acts, 1923 to 1951" (hereinafter referred  
to as "the said Acts"), are now entitled to a Lease of the Land described in the Schedule endorsed on  
these Presents for the term, and at the yearly rent hereinafter mentioned, and with, under, and subject to the  
conditions, stipulations, reservations, and provisos in the said Acts, and hereinafter contained: Now Know Ye  
that, in consideration of the premises and of the sum of — One hundred and ten pounds —

paid for a full year's rent, and of the rent hereby reserved,  
We, in pursuance of the said Acts, DO HEREBY, for Us, Our Heirs and Successors, Demise and Lease unto the said  
QUEENSLAND TRUSTEES LIMITED AND FREDERICK LONGWILL, as such executors as aforesaid,

(hereinafter with their Successors in title designated "the LesseeS") and their lawful Assigns, ALL THAT  
Portion of Land situated in the District of — South Kennedy — in Our said State more  
particularly described in the Schedule hereto, To Hold unto the LesseeS and their — lawful Assigns  
for and during the term of — Forty — years, to be computed from the First  
day of — October — in the year One thousand nine hundred and fifty-nine —  
subject to the conditions and provisos in Part III., Division I., of "The Land Acts, 1910 to 1959",

and in the notification dated the  
Seventh day of May, 1959, — declaring the said land open for  
Pastoral Development — Lease, and to all other rights, powers, privileges, terms, conditions,  
provisions, exceptions, restrictions, reservations, and provisos referred to, contained, or prescribed  
in and by the said Acts, "The Mining on Private Land Acts, 1909 to 1956," and "The Petroleum  
Acts, 1923 to 1955," or any Regulations made or which may hereafter be made under the  
aforesaid Acts or any of them: YIELDING AND PAYING unto Us, Our Heirs and Successors on or before  
the Thirtieth day of September in each and every year during the first period of twenty — years  
of the said term, the yearly rent or sum of One hundred and ten pounds, —

being at the rate of — Twenty shillings —  
per square mile per annum on the total area of the said Holding, and (subject to the provisions of the  
said Acts) in each and every year during each successive period of — ten — years,  
such yearly rent or sum as shall from time to time be determined by the Land Compt.



766423

such payments to be made at the Treasury in Brisbane, in Our said State; or at such other place as may from time to time be appointed by the Governor of Our said State in Council; PROVIDED FURTHER that the lease hereby granted shall be subject to the conditions set forth in the second Schedule endorsed hereon:

PROVIDED ALWAYS AND WE DO HEREBY RESERVE unto Us, Our Heirs and Successors, all Gold and Minerals (the term "Minerals" to have the same meaning as in "The Mining on Private Land Acts, 1909 to 1956"), on and below the surface of the said Land, and all Mines of Gold and Minerals, on and below the surface of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly authorised by Us in that behalf, during the term of the said Lease, the free right and privilege of access, including ingress, egress, and regress, into, upon, over, and out of the said Land, for the purpose of searching for or working Gold and Minerals, or any of them, or Mines of Gold and Minerals, or any of them, in any part of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Acts, 1923 to 1955"), on or below the surface of the said Land: AND ALSO all rights of access for the purpose of searching for, and for the operations of obtaining Petroleum in any part of the said Land: AND ALSO all rights of way for access and for pipe lines and other purposes requisite for obtaining and conveying Petroleum in the event of Petroleum being obtained in any part of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, all Helium found in association with Petroleum in any part of the said Land: AND WE DO FURTHER RESERVE the right of any person duly authorised in that behalf by the Governor of Our said State in Council at all times to go upon the said Land, or any part thereof, for any purpose whatsoever, or to make any survey, inspection, or examination of the same.

In Testimony whereof, We have caused this Our Lease to be sealed with the Seal of Our said State.

Witness Our Trusty and Well-beloved SIR HENRY ABEL SMITH, Colonel on the Retired List of the Corps of Household Cavalry, Knight Commander of Our Royal Victorian Order, Companion of Our Distinguished Service Order, Governor in and over Our State of Queensland and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland, aforesaid, this

Fourteenth day of January, in  
the eighth year of Our Reign and in the year of Our Lord One  
thousand nine hundred and fifty-sixty.

Henry Abel Smith

764-23

First Schedule referred to in the within Lease.

05/6/83

Holding Birralee

District South Kennedy

Lot 1618 on plan P.H. 2106.

Area: One hundred and ten square miles.

384.15 km<sup>2</sup>

Description:

Commencing on the right bank of the Bowen River at the south-west corner of portion 8 parish of Macedon and bounded thence by portions 8, 7, 6, 5 and 17 east to the south-east corner of the lastmentioned portion and north to the north-east corner of that portion on the left bank of Pelican Creek, by that bank upwards about four and a half miles, by a line 180 degrees fifteen chains to the south-western side of the stock route forming the northern boundary of portion 14 parish of Birralee, by that stock route south-easterly to the right bank of Jack Creek, by that bank downwards about seven and one-eighth miles to the confluence of Jack Creek and the Bowen River; and by the right bank of that river downwards about twenty-three and three-quarters miles to the point of commencement.

R.F. AMENDED DESCRIPTION

The description is amended by the addition of the words "exclusive of the Bowen Developmental Road to a width of three chains" on the last line.

The amended area is 284 square kilometres.

DESCRIPTION IN ERROR SEE P.H. 1894 FOR SONOMA  
HOLDING & ADJUST LEASE WHEN NEXT IN OFFICE

AB  
19/10/83  
INVESTIGATIONS (DMS)

166423

**Transfers and Mortgages.**

*1664-23* *23*  
Second Schedule referred to in the within lease

Conditions.

The provisions of section 146 of "The Land Act, 1910 to 1959", shall be varied with respect to the holding so that no resumption under that section shall be made from the holding during the term of the lease.

It is hereby further notified that the lease will be subject to the following conditions:-

(1) Subject to and save as otherwise provided by condition (2) hereof:-

(a) The lessees shall, during the first ten years of the term of the lease, and at a rate of progress during each year of such period as directed or from time to time directed in writing by the Prickly-pear Warden for the Collinaville Prickly-pear District, eradicate to the satisfaction of the Minister all primary growth and any recurring growth of all Harrisia cactus growing upon the holding, and thereafter during the remainder of the term of the lease the lessees shall keep and maintain the holding free from all Harrisia cactus.

(b) The lessees shall not at any time permit or allow any Harrisia cactus growing upon any part of the holding in respect to which the lessees shall have commenced to perform and comply with the requirements of condition (1). (a) above, to bear and produce flower or ripened fruit.

(2) Any primary growth of Harrisia cactus on that part or parts of the holding shown hatched black on the diagram hereunder shall, during the first three years of the term of the lease, be treated and dealt with by the Minister at the cost and expense of the Crown and thereupon or on any earlier date during the said period when that part or any of the parts aforesaid of the holding has or have been treated and dealt with to a stage or state satisfactory to the Minister, the Minister shall notify the lessees in writing that any further treatment thereof for the eradication of Harrisia cactus or for the maintaining and keeping free thereof from recurring growth of Harrisia cactus upon the said part or parts of the holding shall become and remain the liability or responsibility of the lessees at their cost and expense in accordance with the terms and provisions of condition (1)(a) above.

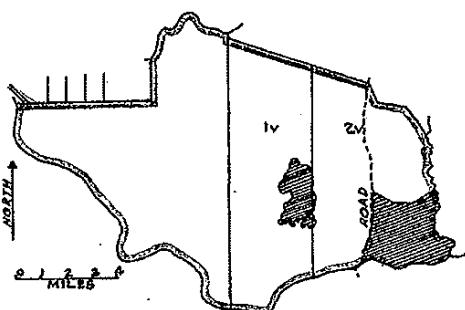
(3) (a) The lessees shall, within the first three years of the term of the lease, in equal proportions during each year, fall by mechanical means or otherwise, to the satisfaction of the Minister, all brigalow and softwood scrub on the holding and shall as soon as it shall be practicable and prudent destroy by fire, to the satisfaction of the Minister, all timber felled.

(b) The lessees shall within a reasonable time from the commencement of the lease apply to the Warden of the Collinaville Prickly-pear District for a permit to destroy the timber on the scrub areas required to be destroyed in performance of this condition.

(c) The lessees shall at all times during the remainder of the term of the lease keep and maintain each and every part of the holding on which scrub has been felled and burnt in compliance with this condition free from all seedling growth, regrowth and undergrowth.

(4) Notwithstanding anything to the contrary in condition (3) hereof the lessees shall at their own cost and expense and forthwith upon being required to do so by notice in writing from the Minister, fall by mechanical means or otherwise, to the satisfaction of the Minister, any brigalow and softwood scrub on the whole or any part of the area or areas of the holding in relation to which the Crown and/or the Minister is under liability or obligation in accordance with the provisions of condition (2) hereof and the lessees shall as soon as it shall be practicable and prudent at their own cost and expense destroy by fire, to the satisfaction of the Minister, all timber felled in compliance with the requirements of any notice in writing given him by the Minister.

*R.K.*



764/23

TRANSFER of the Lessee's interest in the  
within-described holding to

PIONEER SUGAR MILLS LIMITED

16 SEP 1963

for Gordon Wallace MacNicol

Mortgage No. 146791 from Pioneer Sugar  
Mills Limited to GORDON WALLACE MACNICOL  
SUPERANNUATION FUND  
securing advances as therein set forth.  
Registered 21 JAN 1968  
For Secretary, Land Administration Commission

Consequent upon the provisions of Sec. 11, "The Land Acts Amendment Act of 1967" the term and current rental period of the within lease is extended for three (3) years.

For Secretary, Land Administration Commission

EASEMENT No. A419 in pursuance of an  
Agreement dated the 15th day of  
July 1969 between the lessee of the  
within described holding and THE NORTHERN  
ELECTRIC AUTHORITY OF QUEENSLAND

for purposes as defined in such Agreement.  
Registered: 28 MAY 1970

For Secretary, Land Administration Commission

In terms of Metric Conversion Act 1972 the  
area of the within-described holding is con-  
verted to 284.1 KILOMETRES

V French  
Registrar of Dealing

Consequent upon resumption for road purposes  
of an area from

the within-described Holding  
the area thereof has been amended to 284 square  
kilometres and the annual rental to \$219.31  
as from 29.3.1969

V French  
Registrar of Dealing

TRANSFER of the Lessee's interest in the  
within-described holding to

GORDON WALLACE MACNICOL

Registered: 14 DEC 1982  
V French  
Registrar of Dealing

Mortgage No. 199699 from Gordon Wallace MacNicol to CITICORE LTD AUSTRALIA LIMITED  
this day of NOV 15/82

securing advances as therein set forth.  
Registered 14 DEC 1982  
Registrar of Dealing

Mortgage No. 208951 from Gordon Wallace MacNicol to CITICORE LTD

BANK OF AUSTRALIA LTD

securing advances as therein set forth.  
Registered 20 NOV 1985  
V French  
Registrar of Dealing

RELEASE REGISTERED  
Wallace MacNicol to GORDON WALLACE DEVELOPMENT BANK OF AUSTRALIA LTD  
this 20th day of NOV 1985

securing advances as therein set forth.  
Registered 20 NOV 1985  
V French  
Registrar of Dealing

IN terms or Regulation 41A (1) of  
the Land Regulation the description  
of the Land comprising the within  
lease is amended to lot 618  
as per plan.

742106  
V French  
Registrar of Dealing

Pursuant to the provisions of Section 5, of the  
Land Act Amendment Act 1986 the term of  
the within lease is extended by 20  
years.

V French  
Registrar of Dealing

Consequent upon the exclusion of an area  
surrendered for the purpose of issuing a  
Deed of Grant thereover, from

the within-described Holding  
the area thereof has been amended to remain unaltered  
the area of which to remain unaltered  
and the description to remain unaltered  
as from 15.11.89

EASEMENT in pursuance of an Agreement dated the  
4 day of Oct 1989  
between the lessee of the within-described holding and .....  
Questradian Telecommunications Corporation  
.....  
as defined in said Agreement.  
EASEMENT No. K 356358C  
PRODUCED 20 Aug 1990  
REGISTERED 5 SEP 1990 *Julomer*   
REGISTRAR OF TITLES

Memorandum of Mortgage to *Westpac Banking Corporation*  
.....  
.....

No. L 3975 R  
PRODUCED 9 Apr 1992 *14 APR 1992* *J. Howland*   
REGISTERED 14 APR 1992  
REGISTRAR OF TITLES

7664-23

7664-23