# FINAL REPORT

Preliminary Site Assessment – Santos Gladstone Liquefied Natural Gas (GLNG) Project









Prepared for

Santos Ltd

Santos House Level 14 60 Edward Street Brisbane QLD 4000

13 February 2009 42626220



#### PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT

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## **Executive Summary**

#### Introduction and Background

URS Australia Pty Ltd (URS) was commissioned by Santos Limited (Santos) to undertake a Preliminary Site Investigation (PSI) of the proposed Gladstone Liquefied Natural Gas (GLNG) project. The objective of the PSI was to examine the potential for pre-existing land contamination as well as project related contamination impacts during the construction and operational phases of the project.

The GLNG project comprises three components, including:

- Development of Santos' coal seam gas (CSG) fields in central west Queensland;
- Construction and operation of a 435 km (approximately) gas transmission pipeline from the CSG fields to an LNG facility on Curtis Island, near Gladstone; and
- Construction and operation of the LNG facility.

#### LNG Facility and Gas Transmission Pipeline

The PSI scope of work for the Project's gas transmission pipeline and LNG facility components included the following:

- Desktop review of land history to identify areas of potential concern. Searches/tasks undertaken included a review of:
  - Aerial photographs;
  - Current and historical titles;
  - Local government records; and
  - Environmental Protection Agency (EPA) Environmental Management Register (EMR) and Contaminated Land Register (CLR);
- Reconnaissance site visit to the LNG facility to identify additional sites of potential concern; and
- Targeted soil sampling within the LNG facility study area.

Five areas of potential concern were indentified within the LNG facility study area including:

- Fishermans Hut Complex;
- Stockyards near Fishermans Hut;
- Stockyards and dam;
- Loading Hut Complex; and
- Former Working Area.

Six areas of potential concern were identified along the proposed gas transmission pipeline corridor including:

- Quarry;
- Livestock corrals (possible cattle dip) two sites identified;



## **Executive Summary**

- Open gravel patch;
- Industrial plant; and
- Grass airstrip with aeroplane hanger.

#### CSG Field Development

Due to the phased nature of the CSG field development component and large geographical extent the assessment comprised a review of the environmental setting for the CSG field development, including a review of the geology and hydrogeology of the area and the identification of sensitive receivers including rivers and other water courses. The assessment also included the development of an indicative list of notifiable activities likely to occur in the study area. The tiered assessment approach including EPA register searches was not considered appropriate at this stage of the field development program given that the location of wells and associated infrastructure are yet to be confirmed. Alternatively, a tiered review will be conducted as part of Phase 2 (post EIS) impact assessment, once CSG infrastructure locations are more accurately determined during the pre-construction phase of the CSG field development program.



# Introduction

**Section 1** 

### 1.1 Purpose

URS Australia Pty Ltd (URS) was commissioned by Santos Limited (Santos) to undertake a Preliminary Site Investigation (PSI) of the GLNG project study area.

The PSI investigated the potential for existing land contamination to be present within the proposed project area and the potential to adversely affect the project during the construction and operational phases.

### 1.2 Scope of Work

The scope of work undertaken by URS as part of the PSI included the following:

- A desktop review of land history to identify areas of potential concern. Searches/tasks undertaken included a review of:
  - Aerial photographs;
  - Current and historical titles;
  - Local government records; and
  - Environmental Protection Agency (EPA) Environmental Management Register (EMR) and Contaminated Land Register (CLR).
- A reconnaissance site visit to the LNG facility to identify additional sites of potential concern conducted on 17 October 2008; and
- Targeted soil sampling within the LNG facility study area (deemed necessary following completion.

### **1.3 Legislative Framework**

The assessment and management of contaminated or potentially contaminated land is governed by the *Environmental Protection Act 1994* (EP Act) administered by the Queensland Environment Protection Agency (EPA). Assessment is also guided by Department of Environment *Draft Guidelines for the Assessment & Management of Contaminated Land in Queensland* dated May 1998 (DoE 1998) which outlines assessment criteria (environmental investigation levels) and the Tiered assessment approach (refer Section 2.1).

The EP Act includes a list of all 'Notifiable Activities' in Schedule 2 which have a high potential for contamination impacts which include, but are not limited to, cattle dips, aerial spraying, landfills, chemical manufacturing or formulation, chemical storage, or mineral processing. Associated with this list is the EPA (Environmental Protection Agency) registers of contaminated sites in Queensland, the Environmental Management Register (EMR), and the Contaminated Land Register (CLR). The EP Act also sets the obligation for owners and occupiers of land to inform the Queensland EPA of any parcel/s of land that have been used for Notifiable Activity/s or contaminated by a hazardous substance.

The National Environmental Protection Council (NEPC) National Environmental Protection (Assessment of Site Contamination) Measures (NEPM) set health based investigation levels (HILs) for the assessment of contaminated soil and water. The Environmental Investigation Levels (EILs) and Health-based Investigation Levels (HILs) used for the assessment of soil in this PSI are provided in Table 1-1 and include:

• The Environmental Investigations Levels (EILs) published in the "Draft Guidelines for the Assessment & Management of Contaminated Land in Queensland".



# Introduction Section 1

• "The Health-based Investigation Levels (HILs) for standard industrial/commercial 'F' exposure settings, developed by the National Environment Protection Council (NEPC), as documented in the "National Environment Protection (Assessment of Site Contamination) Measure" (the NEPM), published in December 1999.

In the absence of criteria for Vanadium for both EIL and NEPM, the NEPM interim urban criteria and United States Environment Protection Agency (USEPA) Preliminary Remediation Goals (USEPA 2008) have been used and are provided in Table 1-1.

Analyte	QEPA – EILS	NEPM HILS "F"	NEPM- Interim Urban EILs	USEPA- PRG	
Metals (Total) [mg/kg]				Residential	Industrial
Arsenic	20	500	NA	NA	NA
Barium	-	-	NA	NA	NA
Cadmium	3	100	NA	NA	NA
Chromium	50	500	NA	NA	NA
Cobalt	-	-	NA	NA	NA
Copper	60	5000	NA	NA	NA
Lead	300	1500	NA	NA	NA
Manganese	500	7500	NA	NA	NA
Nickel	60	3000	NA	NA	NA
Vanadium	-	-	50	78	1000
Zinc	200	35000	NA	NA	NA

#### Table 1-1 Summary of Soil Assessment Criteria Used

- No guideline available



## Methodology

**Section 2** 

### 2.1 Methodology

The PSI was undertaken in accordance with contaminated site assessment and management guidance (DoE, 1998; NEPC, 1999) and the Queensland Environmental Protection Agency's "*Draft Guidelines for the Assessment and Management of Contaminated Land in Queensland*" (1998).

The PSI followed an iterative (4 Tier) approach due to the large scale of the GLNG project area. The approach is illustrated in the following flowchart.



### Gas Transmission Line & LNG facility

The gas transmission pipeline corridor and LNG facility study area were assessed using Tier 1 and 2 literature reviews to identify potentially contaminated land or areas of potential concern (AOPC). The Tier 1 assessment involved selecting AOPC based on the presence of infrastructure associated with high risk land uses including chemical and fuel storage facilities, cattle dip sites and industrial facilities. The Tier 2 review was targeted at AOPC identified in the Tier 1 review, and included a review of historical aerial photographs, searches of



# Methodology

# **Section 2**

contaminated land registers (Environmental Management Register and Contaminated Land Register), land titles (current and historical) and local government records pertaining to those sites (e.g. development applications, chemical storage/dangerous goods licenses).

A Tier 3 site inspection and review was undertaken within the LNG facility study area given the defined area of the project at this location. The Tier 3 review of AOPC included:

- a site inspection to identify operations in the immediate vicinity of the project area;
- interviews with site personnel regarding aspects of site operations, chemical usage, and waste management;
- review of stormwater and other site plans;
- identification of potential contamination sources in the vicinity of the site;
- identification of environmentally sensitive landscape features (e.g. wetlands); and
- where required and practicable, sampling and analysis of potentially contaminated material.

### CSG Fields

Due to the large geographical extent of the CSG field study area, the assessment comprised a review of the environmental setting including an indicative list of likely Notifiable Activities in the study area, a review of the geology and hydrogeology of the CSG fields and presence of sensitive receivers such as surface water bodies. The tiered assessment approach was not considered appropriate at this time given the location of wells and associated infrastructure is yet to be confirmed. Instead, a tiered review will be conducted as part of Phase 2 (post EIS) impact assessment, once CSG infrastructure locations are more accurately determined during the pre-construction phase of the CSG field development program.



**Section 3** 

The LNG facility study area was investigated using the staged tier approach as described in Section 2. The assessment included a targeted field survey of Areas of Potential Concern (AOPC) identified from aerial photography interpretation. The investigation also included soil investigations at a registered EMR site within the study area.

### 3.1 Site Background

The proposed LNG facility is to be located on Curtis Island, approximately 5 km north east of Gladstone, Queensland. The area is situated on the southwest corner of the island, with the southern edge bordering China Bay. The LNG facility will occupy an area of approximately 215 hectares (**Figure 1**).

As part of the Tier 1 aerial photograph review, the Fisherman's Hut site was identified. The other four AOPC were identified during field inspections by other EIS study teams. In total, five AOPC were identified for further investigation including a site inspection for potentially contaminating activities (refer Section 3.4). The AOPC included three sites within the LNG facility infrastructure footprint, with Sites 1 and 2 located within the wider study area. The locations of the AOPC are illustrated in Figure 2, and include:

- 1) Site #1 Fishermans Hut;
- 2) Site #2 Stockyards near Fisherman's Hut;
- 3) Site #3 Stockyards and Dam (within the LNG facility footprint);
- 4) Site #4 Loading Hut Complex (within the LNG facility footprint); and
- 5) Site #5 Former Working Area (within the LNG facility footprint).

### 3.1.1 Title Information

The LNG facility study area comprises a number of land titles, as described below:

Land Title Information	Owner (Registered Proprietor)
Lot 10 on Plan DS220	Mark Ross and Colin Graving
Lot 7 on Plan DS220	Mark Ross and Colin Graving
Lot 9 on Plan DS220	Santos (CSG) Pty Ltd.
Lot 2 on Plan RP602284	Central Queensland Ports Authority

All four land titles are located in the County of Deas Thompson, Parish of Curtis, and local government area of Gladstone Regional Council. Copies of the current and historical Certificates of Title are presented in **Appendix A**.

### 3.1.2 Zoning Information

The LNG facility study area (comprising site and the surrounding land) is zoned under the Gladstone State Development Area – Curtis Island Industry Precinct.



**Section 3** 

### 3.1.3 Current Land Use

The LNG facility study area borders the shoreline of China Bay and extends approximately 2 km inland. The site mostly comprises large pastoral properties used for grazing livestock. The surrounding land uses are:

- North grazing land properties;
- South China Bay shoreline and Hamilton Point (grazing land);
- East grazing land properties; and
- West Port of Gladstone (Pacific Ocean/The Narrows).

### 3.2 Environmental Setting

### 3.2.1 Topography

The topography of the area comprises low to very steep undulating land with moderately inclined foot-slopes, valley plains, and alluvial drainage-ways. The coastline is fringed by supra-tidal estuarine, marine, tidal mangrove flats and grasslands. Height datum of the study area ranges from 0 m to 173 m AHD.

### 3.2.2 Regional Geology

The geology within the general vicinity of the proposed LNG Facility site area includes:

- Quaternary (Holocene) estuarine delta and coastal marine deposits, comprising saline silty clays and clays, saline muds and sands;
- Quaternary alluvium, comprising clay, silt, sand and gravel deposits; and
- Carboniferous Wandilla Formation, comprising mudstone, lithic sandstone, siltstone, jasper, chert, slate and schist.

Further details on the geology is provided in Appendix L of the EIS.

### 3.2.3 Surface Hydrology

Surface water drainage within the study area is constrained to drainage lines containing water only during and immediately after rain events. During flows, water drains to Port Curtis, where alluvial deposits have formed small flood plains discharging into China Bay. A total of eight surface drainage lines have been identified within the LNG facility study area. The drainage lines are ephemeral with small catchments. The channels are generally shallow; however meanders have banks up to 4m high. All drainage lines flow towards the mudflats and mangroves of China Bay, located to the southwest of the study area. Further details of surface hydrology are provided in Section 8.5 and Appendix O of the EIS.



**Section 3** 

### 3.2.4 Hydrogeology

A search of the DNRW registered bore database on 30 March 2008 revealed that one groundwater bore was registered (RN 91325) within a 2 km radius of the proposed LNG facility study area. A description of the registered bore is summarised in Table 3-1. A further eight (8) groundwater monitoring bores were drilled and installed between 8 and 20 May 2008 as part of the groundwater assessment for the EIS (refer Section 7.6; EIS Appendix P). The bores identified both shallow and deep aquifers. The shallow aquifers (< 8 m) associated with alluvium along drainage lines include both unconfined and semi-confined aquifers with a very poor quality brine groundwater. The unconfined shallow groundwater resources within the study area are recognised to have limited groundwater value.

The deeper aquifer comprises a fractured rock aquifer (> 20 m) and is of brackish quality with salinity concentrations lower than the shallow groundwater resources.

The groundwater, from both shallow (< 8 m) and deep (> 20 m) boreholes, is not suitable for domestic use due to elevated salinity concentrations but can be used for livestock watering. The water quality exceeded recommended arsenic and cobalt concentrations of the ANZECC (2000) guidelines for the protection of 95% of species in both freshwater and marine environments.

	Feature	Details
Location	Easting	318603
	Northing	7368993
Lithology Description	Top soil	0 - 1
	Brown clays	1 – 2.7
	Brown clays with boulders	2.7 – 7.5
	White baked clays	7.5 – 22.7
	Brown mudstone	22.7 – 27.27
Aguifer Description	Condition	Fractured rock
	Top of aquifer	22.22
	Bottom of aquifer	27.27
	Free flow	No
	Conductivity	1200 us/cm
	Yield	3 L/sec
	Standing Water Level	10.6 m below ground level
	Registered Date	13/9/93
	Formation	Wandilla Formation

#### Table 3-1 Description of Registered Groundwater Bore RN 91325



**Section 3** 

### 3.3 Site History

### 3.3.1 EPA Priority Sites Register

A search of EPA registers was conducted for the entire LNG facility study area. No land parcels were listed on either the EMR or CLR. Copies of the search results are in **Appendix B.** 

### 3.3.2 Aerial Photographs

A review of historical aerial photographs within the study area assessed land use changes over time. Results of the review are summarised in Table 3-2 to Table 3-5 respectively for the four land parcels in the study area.

Date	Aerial Photo No.	Scale	Run No.	Site Description	Surrounding Area
18-06-61	Rockhampton CAB 203 - 5117	1:83,900	7	Site appears to have no development. Most of the site is covered by vegetation.	The area surrounding the site is covered by vegetation.
08-07-70	Gladstone Q2085 - 38	1:47,900	East Tie Line	No significant change to the site since 1961 photograph.	The area surrounding the site is still covered by vegetation.
19-07-73	Gladstone Q2689 – 9	1:31,900	6	No significant change to the site since 1961 photograph.	The area surrounding the site is still covered by vegetation.
06-06-80	Gladstone Q3850 - 8	1:42,000	1	No significant change to the site since 1961 photograph.	The area surrounding the site is still covered by vegetation.
11-10-84	Urangan St. Lawrence - 194	1:50,000	7	No significant change to the site from the 1961 photograph.	The area surrounding the site is still covered by vegetation.
15-01-92	Gladstone Q5027 - 8	1:25,000	2	No significant change to the site since 1961 photograph.	The area surrounding the site is still covered by vegetation.
18-07-07	Gladstone Q6266 - 75	1:40,000	6	No significant change to the site from the 1961 photograph. The site is in its present day configuration.	The area surrounding the site is still covered by vegetation.

#### Table 3-2Lot 10 on Plan DS220



Section 3

Date	Aerial - Photo No.	Scale	Run No.	Site Description	Surrounding Area
18-06-61	Rockhampton CAB 203 - 5117	1:83,900	7	Site appears to have no development. Most of the site is covered by vegetation.	The area surrounding the site is covered by vegetation.
08-07-70	Gladstone Q2085 - 38	1:47,900	East Tie Line	No significant change to the site from the 1961 photograph.	No significant change to the surrounding area was apparent from the 1961 photograph.
19-07-73	Gladstone Q2689 – 9	1:31,900	6	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
06-06-80	Gladstone Q3850 - 8	1:42,000	1	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
11-10-84	Urangan St. Lawrence - 194	1:50,000	7	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
15-01-92	Gladstone Q5027 - 8	1:25,000	2	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
18-07-07	Gladstone Q6266 - 75	1:40,000	6	No significant change to the site from the 1961 photograph was apparent and the site is in present day configuration.	No significant change to the surrounding area was apparent from the 1961 photograph.

#### Table 3-3 Lot 7 on Plan DS220

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# LNG Facility

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Section 3

Date	Aerial – Photo No.	Scale	Run No.	Site Description	Surrounding Area
18-06-61	Rockhampton CAB 203 - 5117	1:83,900	7	Site appears to have no development. Most of the site is covered by vegetation.	The area surrounding the site is covered by vegetation.
08-07-70	Gladstone Q2085 - 38	1:47,900	East Tie Line	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
19-07-73	Gladstone Q2689 – 9	1:31,900	6	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
06-06-80	Gladstone Q3850 - 8	1:42,000	1	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
11-10-84	Urangan St. Lawrence - 194	1:50,000	7	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
15-01-92	Gladstone Q5027 - 8	1:25,000	2	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
18-07-07	Gladstone Q6266 - 75	1:40,000	6	No significant change to the site from the 1961 photograph was apparent and the site is in present day configuration.	No significant change to the surrounding area was apparent from the 1961 photograph.

#### Table 3-4

#### Lot 9 on Plan DS220



# **LNG Facility**

Section 3

Date	Aerial - Photo No.	Scale	Run No.	Site Description	Surrounding Area
18-06-61	Rockhampton CAB 203 - 5117	1:83,900	7	Site appears to have no development. Most of the site is covered by vegetation.	The area surrounding the site is covered by vegetation.
08-07-70	Gladstone Q2085 - 38	1:47,900	East Tie Line	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
19-07-73	Gladstone Q2689 – 9	1:31,900	6	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
06-06-80	Gladstone Q3850 - 8	1:42,000	1	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
11-10-84	Urangan St. Lawrence - 194	1:50,000	7	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
15-01-92	Gladstone Q5027 - 8	1:25,000	2	No significant change to the site from the 1961 photograph was apparent.	No significant change to the surrounding area was apparent from the 1961 photograph.
18-07-07	Gladstone Q6266 - 75	1:40,000	6	No significant change to the site from the 1961 photograph was apparent and the site is in present day configuration.	No significant change to the surrounding area was apparent from the 1961 photograph.

#### Table 3-5 Lot 2 on Plan RP602284

#### 3.3.3 **Certificates of Title**

A search of current and historical titles of the site was undertaken for each land parcel within the study area using DNRW databases. A summary of titles for each land parcel is provided in Table 3-6 to



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Table 3-9. Copies of each certificate of title can be found in Appendix A.

#### Table 3-6 Certificate of Title - Lot 10 on DS220

Certificate of Title	Land Description	Registered Owner	Date of Ownership
Title reference 17653063	Lot 10 on DS220	Ross, Colin and Mark Graving	21 October 1995
Historical title	Lot 7 on DS220, Lot 10 on DS220, Lot 11 on DS220, Lot 12 on DS220, Lot 13 on DS220, Lot 27 on DS220, Lot 28 on DS220	Jack Richey	17 February 1983



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#### Table 3-7 Certificate of Title - Lot 7 on DS220

Certificate of Title	Land Description	Registered Owner	Date of Ownership		
Title reference 17653063	Lot 7 on DS220	Ross, Colin and Mark Graving	21 October 1995		
Historical title	Lot's 7, 10, 11, 12, 13, 27 and 28 on DS220.	Jack Richey	17 February 1983		

#### Table 3-8 Certificate of Title- Lot 9 on DS220

Certificate of Title	Land Description	Registered Owner	Date of Ownership		
Title reference	reference Lot 9 on DS220		01 August 2007		
30350025		Central Queensland Ports Authority	20 December 2004		
		Gladstone Port Authority	11 December 2002		
Historical title 30292060/61	Lot 9 on DS220	Ross, Colin. And Mark Graving	22 February 1993		
30292060/61	Lot 9 on DS220	Gimseppe Emanuele	21 February 1989		
30292060/61	Lot 9 on DS220	Jack Richey	11 December 1978		
30292060/61	Lot 9 on DS220	Partnership Pacific Ltd.	17 March 1975		
30292060/61	Lot 9 on DS220	Curtis Holding Pty Ltd.	11 July 1969		
30062200	Lot 9 on DS220	The Crown	19 November 1963		
30292060	Lot 9 on DS220	Hermann Herbst	14 July 1932		
30292060	Lot 9 on DS220	Paul Hammel	2 July 1922		
30292060	Lot 9 on DS220	William, Reginald, Vicki Louldery	28 May 1915		
30292060	Selection A, Rockhampton district, Portion A	William Archer	27 March 1877		



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Certificate of Title	Land Description	Registered Owner	Date of Ownership		
Title reference 50736935	Lot 2 on 207281	Central Queensland Ports Authority	8 October 2007		
50736935	Lot 2 on 602284 Title has been cancelled	Central Queensland Ports Authority	20 December 2004		
Historical title 30350026	Lot 2 on 602284	Ross, Colin. And Mark Graving	22 February 1993		
30350026	Lot 2 on 602284	Gimseppe Emanuele	21 February 1989		
30350026	Lot 2 on 602284	Jack Richey	11 December 1978		
30350026	Lot 2 on 602284	Partnership Pacific Ltd.	17 March 1975		
30350026	Lot 2 on 602284	Waltons Finance Ltd.	23 May 1972		
30350026	Subdivision 2 of selection 21 Title has been cancelled	Curtis Holdings Pty Ltd.	11 July 1969		
Historical title 30292062	Subdivision 2 of selection 21 Title has been cancelled	Richard Hawes	10 May 1962		
Historical title 30292063	Subdivision 2 of selection 21 Title has been cancelled	John Baird	10 May 1962		
Historical title 10275243	Deed of Grant No. 21373 Title has been cancelled	Samuel Euart	28 June 1876		

#### Table 3-9 Certificate of Title - Lot 2 on RP602284

### 3.4 Site Inspection

A site inspection of each AOPC was undertaken to determine the potential for contamination. The inspection was conducted on the 17 October 2008 by two URS environmental scientists. A soil investigation was also conducted for the Fisherman's hut site, to characterise potential contamination associated with the Notifiable Activity of a "livestock dip or spray race" (cattle dip) undertaken at this site.

A summary of the inspection findings at each AOPC is discussed below in Sections 3.4.1 - 3.4.5.

### 3.4.1 Fisherman's Hut

### 3.4.1.1 Layout & Description

The Fisherman's Hut site comprises a cottage, worker amenities and sheds with associated water tanks, including both above and underground tanks. Other infrastructure included a cattle dip and concrete pads from previous land use. The site was abandoned at the time of the inspection with various amounts of garbage, litter, and scrap metal spread around the site (refer Plate 3-1). No landfill or general rubbish collection point was identified; however the surrounding area was generally undisturbed except for infrastructure.

The general history of pastoralism on Curtis Island is summarised in Section 8.13 and described in detail in EIS Appendix X (Cultural Heritage study).

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### Plate 3-1 Aerial showing Fishermans Hut Site

### 3.4.1.2 Topography, Geology and Hydrogeology

The site is located in the south eastern portion of the study area on a vegetated hill. Surrounding vegetation includes grass, shrubs, and tress.

The geology of the site is Quaternary aged alluvium originating from water courses, terraces and floodplains comprising clay, silt sand and gravel deposits. The hydrogeology of the area is described in Section 1.1.1.



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### 3.4.1.3 Areas of Potential Concern

#### **Storage Tanks**

Five 3,000L above ground storage tanks (AST's) were located around the Fisherman's Hut site (refer Plate 3-2). In addition to the five AST's there was one buried cement water tank located in the southeast corner of the site, which had the top metre of the tank exposed. All tanks were most likely used for water storage. No soil staining or stressed vegetation was noticed around the storage tanks.



Plate 3-2 Fishermans Hut- AST's



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### **Cattle Dip**

A former cattle dip was identified during the inspection, located approximately in the centre of the land parcel. This dip was approximately 13m long by 2m wide and 1.5m deep (refer Plate 3-3). Scrap metal, wire, general rubbish, and litter were noted in the bottom of the dip. Vegetation around the dip did not exhibit visual signs of stress. A soil investigation was also undertaken at the site (refer Section 3.4.1.7).



Plate 3-3 Cattle dip



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### **Batteries**

Two separate stockpiles of batteries were identified during the site inspection. One pile was located adjacent to the cottage on the east wall. These batteries were Exide Faure-X Lead Positive Plate batteries (type 2G560 General Purpose) (refer Plate 3-4). The second stockpile of batteries was near the south end of the property. This stockpile appeared to comprise lead acid batteries (refer Plate 3-5).







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Plate 3-5 Battery Stockpile #2

These batteries are a listed regulated waste under the Queensland Environmental Protection Act (1994).

### 3.4.1.4 Buildings

The shed and cottage were constructed of a combination of sheet metal and timber with a concrete floor as shown in Plate 3-6 and Plate 3-7. The buildings appeared abandoned and in poor condition. They both contained some furnishings, with the shed containing two refrigerators (not operational), both plastic and wooden tables, chairs, hammock and other miscellaneous litter. In the cottage, bed frames, chairs as well as cooking and eating utensils and cleaning supplies were present. No soil staining or vegetation stress was noted near the buildings.

On the east side of the cottage there was a small attached shed approximately 2.5m by 2.5m which may have housed a power generator (refer Plate 3-8). No generators or fuel storage containers were sighted. The small shed was constructed of sheet metal and timber with a concrete floor. No soil staining or vegetation stress was noted near the former generator shed.



#### PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT

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Plate 3-6 Shed at Fisherman's Hut Site



Plate 3-7 Fisherman's Hut Cottage



#### PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT

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Plate 3-8 Generator shed at Fisherman's Hut

### 3.4.1.5 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use are likely to include:

- Fuels;
- Pesticides;
- Lubricants; and
- Associated cattle dip chemicals.

#### 3.4.1.6 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site could include:

- Native fauna;
- Livestock;
- Site personnel / end users in any development; and
- Groundwater.



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### 3.4.1.7 Soil Investigation

A Tier 3 soil investigation of the cattle dip was undertaken, with four sample locations selected to characterise the site, including the cattle dip base and perimeter. A summary of the soil investigation is provided in Table 3-10 with soil sample locations depicted in Figure 3.

Activity/Item	Details				
Date of Field Activities	17 October 2008				
Soil samples were taken within four hand auger locations	<ul> <li>HA#1 samples at surface level and at 0.5m</li> </ul>				
	<ul> <li>HA#2 samples at surface level and at 0.5m</li> </ul>				
	<ul> <li>HA#3 samples at surface level and at 0.5m</li> </ul>				
	<ul> <li>HA#4 sample at surface level</li> </ul>				
	<ul> <li>QA/QC#1 samples at surface level and at 0.5m</li> </ul>				
Soil Sampling	Soil samples were obtained using hand auger and placed in clean glass jars supplied by laboratory.				
Decontamination Procedures	Hand auger was decontaminated between sampling depths and locations using Decon 90 and rinsed with water.				
Sample Preservation	Samples were stored in esky with ice while in transit to laboratory.				
Soil Sample Analysis	Based on the site history, soil sample locations were selected with respect to the site activities, infrastructure, and site observations.				
Site Specific Hydrogeology	No groundwater was encountered during the investigation.				

#### Table 3-10Soil Investigation Summary

### Soil Investigation Sample Assessment

The following criteria were adopted as the primary environmental investigation levels (EILs) and health based investigation levels (HILs) for characterisation of soils:

- The **Environmental Investigations Levels** (EILs) developed by the Queensland Environmental Protection Agency (QEPA) and published in the "*Draft Guidelines for the Assessment & Management of Contaminated Land in Queensland*".
- "The Health-based Investigation Levels (HILs) for standard industrial/commercial 'F' exposure settings, developed by the National Environment Protection Council (NEPC), as documented in the "National Environment Protection (Assessment of Site Contamination) Measure" (the NEPM), published in December 1999.

The adopted soil investigation levels (ILs) are presented in Table 1.3.1.



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#### Soil Sample Analysis and Results

Soil samples were analysed by ALS Laboratories Pty Ltd (ALS) and included the following:

- 7 seven soil samples for metals analysis (including Arsenic, Barium ,Beryllium, Cadmium, Chromium, Cobalt, Copper, Lead, Manganese, Nickel, Vanadium and Zinc) as well as Organochlorine and Organophosphorus (OC/OP) Pesticides analysis.
- 1 duplicate soil sample; and
- 4 rinsate water samples.

A summary of the analytical results in exceedance of ILs are provided in Table 3-11 . All analytical results including OC/OP pesticides are summarised in **Appendix C**. ALS laboratory reports are provided in **Appendix D**.

	Sample ID	OEPA - EILS	NEPM HILS "F"	HA#1 - Surface	HA#1 - 0.5m	HA#2 - Surface	HA#2 – 0.5m	HA#3 - Surface	HA#3 – 0.5m	HA#4 - Surface
Compound	Units									
Arsenic	mg/kg	20	500	707	803	787	856	1,16 0	951	921
Barium	mg/kg	NA	NA	230	110	90	40	100	40	220
Beryllium	mg/kg	NA	100	2	1	1	2	1	ND	1
Cadmium	mg/kg	3	100	ND	ND	ND	ND	2	ND	ND
Chromium	mg/kg	50	500	39	60	42	41	40	46	66
Cobalt	mg/kg	NA	500	56	63	48	35	32	38	96
Copper	mg/kg	60	5000	138	101	53	72	55	39	86
Lead	mg/kg	300	1500	15	12	26	24	27	10	11
Manganese	mg/kg	500	7500	4930	4590	2000	1180	1290	1420	2860
Nickel	mg/kg	60	3000	46	53	29	30	26	23	63
Vanadium	mg/kg	NA	50*	155	157	136	134	131	125	210
Zinc	mg/kg	200	35000	125	72	124	77	1480	270	156

 Table 3-11
 Summary of Analytical Results

ND= not detected (< limit of reporting)

\* NEPM Ecological Investigation Level (interim Urban)

The above results can be summarised as follows:

 Arsenic concentrations ranged from 707 mg/kg to 1,160 mg/kg, which are all above the Queensland EPA EIL's of 20 mg/kg and the NEPM "F" HIL's of 500mg/kg;



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- Concentrations of copper ranged from 39 mg/kg to 138 mg/kg, exceeding EIL's of 60mg/kg in four samples including HA#1-surface, HA#1-0.5m, HA#2-0.5m and HA34-surface;
- Two samples slightly exceeded the QEPA EIL's for Chromium of 50, HA#1\_0.5m (60mg/kg) and HA#4\_surface (66 mg/kg);
- Manganese concentrations ranged from 1180 mg/kg to 4930 mg/kg, exceeding the EIL of 500mg/kg; and
- Vanadium concentrations ranged from 125 mg/kg to 21 mg/kg, exceeding the NEPM EIL (interim urban) of 50 mg/kg.

The arsenic concentrations reported in the surface soils around the dip structure are thought to be as a result of the former dip activities, where arsenic was used as a pesticide.

The suite of metals (other than arsenic) reporting above EIL's are not normally considered as chemical of potential concern associated with cattle dip activities. Given the nature of the regional geology (as described in Section 1.2.2 above), the fact that higher levels of metals were detected in groundwater samples across the study area (refer section 1.4.1.8 below) and in selected marine sediment samples adjacent to the study area (refer EIS Appendix R for further details) it is considered likely that these higher metals concentrations are naturally occurring and not a result of past (or present) land uses.

All the Organochlorine and Organophosphorus Pesticides analysed were below the laboratory's LOR (Limit of reporting).

### **QA/QC** and Analytical Data Validation

Analytical data validation was undertaken to ensure compliance with industry and project specifications. Specific elements assessed with this project were:

- Review of preservation, holding time, sample storage from time of collection to delivery to laboratory;
- Use of appropriate field sample procedures;
- The use of quality control measures; and
- Rinsate sample collection from the sampling tools used during soil sampling to review potential for cross contamination of samples.

All primary and duplicate samples were sent to ALS with appropriate Chain of Custody documentation **(Appendix D)**. The overall quality of the data is considered to be of an acceptable standard for data interpretation. Copies of laboratory QAQC results are provided in Appendix E and are summarised below:

- Sample Hold Time Hold times for the various analyses were all within laboratory guidelines with the exception of Soil Moisture Content, which exceeded the hold time by 3 days due to transit delays. This is not considered to affect the interpretation of results.
- Laboratory Blank Results For all matrices, no Laboratory Blank value outliers occur.
- Laboratory Control Samples For all matrices, no Laboratory Control value outliers occur.
- Laboratory Duplicate For all matrices, no Laboratory Duplicate value outliers occur.



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- Matrix Spike/Matrix Spike Duplicate For all matrices, no Matrix Spike/Matrix Spike Duplicate value outliers occur.
- Surrogates Spike Results For all regular sample matrices, no surrogate recovery outliers occur.

#### 3.4.1.8 Groundwater Investigation

Groundwater has not been assessed as part of this PSI, however, as part of the EIS groundwater studies, groundwater sampling was undertaken, with six monitoring bores being installed across the LNG facility study area and analysed for a suite of heavy metals. A review of these groundwater heavy metal results indicates that groundwater samples collected from both the shallow and deep aquifers in the study area recorded concentrations of arsenic, cadmium, cobalt, copper, lead, manganese, nickel and zinc above the ANZECC (2000) Freshwater 95% Protection criteria. These results are summarised in Section 8.6 of the EIS (LNG facility groundwater chapter) and discussed in full within the groundwater technical study (refer EIS Appendix P).

Given the geographical spread of the bores and the presence of heavy metals found in most of the bores, it is considered unlikely that these concentrations are a result of anthropogenic activities around the Fisherman's Hut.

Based on the observed results, groundwater within the study would not be considered suitable for potable uses or direct discharge to the environment. If the groundwater was to be used within an on-site process, treatment of the water may be required prior to, and after use in the plant before disposal/discharge from the facility. In addition, should excavations on-site require dewatering, treatment of the discharged groundwater may be necessary prior to disposal/discharge from the site.

### 3.4.2 Stockyards near Fisherman's Hut

### 3.4.2.1 Layout and Description

The site was located approximately 300 m northeast of Fisherman's Hut site (refer Figure 2). The stockyard was constructed from steel and timber and was oval in shape (approximately 30m by 50m). A wire fence ran along the eastern side of the stockyards, with a livestock loading ramp to the west. The vegetation surrounding the site comprised grass, shrubs and trees. There was a pile of plastic orange fencing, wire, and scrap metal by the loading ramp. No signs of soil staining or vegetation stress were noted around the site; however some bare soil patches were noted around the high trafficked area of the gates and loading ramp (refer Plate 3-9).



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Plate 3-9 Stockyards near Fishermans Hut

### 3.4.2.2 Topography, Geology and Hydrogeology

The stockyards are located at the bottom of the hill crest where Fisherman's Hut site was located. The immediate area surrounding the stockyards was flat. The geology comprises the Carboniferous Wandilla formation comprising mudstone, lithic sandstone, siltstone, jasper, chert, slate and schist. The hydrogeology of the area is similar to previously described in Section 3.2.4.

### 3.4.2.3 Chemicals of Potential Concern

Chemicals of potential concern (COPC) potentially associated with past use of the site include:

Pesticides.

### 3.4.2.4 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site include:

- Local ecosystems;
- Livestock;
- Groundwater; and
- On-site workers / end users of a developed site.

### 3.4.3 Stockyards and Dam

#### 3.4.3.1 Layout and description

The stockyards and dam were oval in shape of approximate dimensions 15m by 25m, defined by steel fences. The vegetation surrounding the site comprised grasses, shrubs, and trees. There was a loading ramp along the



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south end of the stockyards constructed from both steel and timber. There was a livestock water dam approximately 5m south of the stockyards (refer Plate 3-10).





### 3.4.3.2 Topography, Geology and Hydrogeology

The stockyards are built on flat ground on the western side of China Bay, adjacent to a track which follows the China Bay coastline and another track which led inland. The geology and hydrogeology of the site is similar to that described for the stockyards in Section 3.4.2.2.

### 3.4.3.3 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use may include:

Pesticides.

### 3.4.3.4 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site include:

- Local ecosystems;
- Livestock;
- Groundwater; and
- On-site workers / end users of the developed site.

### 3.4.4 Loading Hut Complex

### 3.4.4.1 Site Layout

The Loading Hut Complex was located east of China Bay and just north of a mud flat (refer Figure 2). The site appeared abandoned, with evidence of a loading structure frame still visible on site along with metal machinery parts, a water tank, and a few scattered metal bolts and gears.


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Little infrastructure associated with the complex remained, and what was present was deteriorated. The surrounding vegetation comprised grass, shrubs, and trees. No sign of vegetation stress or soil staining was noted on site (refer Plate 3-11).



Plate 3-11 Loading Hut Complex

## 3.4.4.2 Topography, Geology & Hydrogeology

The site is located east of China Bay on a gently sloping hill side. West of the site the hill slopes down to the mud flats of China Bay. East of the site the hill continues to gently slope up inland. The geology and hydrogeology of the site is similar to that described for the stockyards in Section 3.4.2.2 associated with the quaternary alluvium.

### 3.4.4.3 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use may include:

- Fuels;
- Lubricants; and
- Pesticides.



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### 3.4.4.4 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site include:

- Local ecosystems;
- Livestock;
- Groundwater; and
- On-site workers / end users of a developed site

### 3.4.5 Former Working Area

#### 3.4.5.1 Site Layout

The site was located east of China Bay (refer Figure 2) and comprised an abandoned working area with disused machinery, water tank, windmill, working hut (refer Plate 3-12). Scattered scrap metal was also present. The surrounding area comprised grasses, shrubs, and trees. No sign of soil staining or vegetation stress was noted during the site inspection.



Plate 3-12 Former Working Area

### 3.4.5.2 Topography, Geology and Hydrogeology

The site extends from the crest of a hill, which includes the machinery, down the gentle slope to the bottom where the windmill is just west of the dry creek bed. The geology and hydrogeology of the site is similar to that described in Section 3.4.1.2 and comprises the Carboniferous Wandilla formation as described in Section 3.4.2.2.



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### **Chemicals of Potential Concern**

Chemicals of potential concern (COPC) associated with the sites past use may include:

- Fuels;
- Lubricants; and
- Pesticide (potential storage area).

#### 3.4.5.3 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site include:

- Local ecosystems;
- Livestock;
- Groundwater; and
- On-site workers / end users of a developed site.



## **Section 4**

The gas transmission pipeline corridor was investigated using a targeted approach, given the 435 km length of the corridor and multiple land parcels traversed. Aerial photographs were reviewed for the entire pipeline corridor length and Areas of Potential Concern (AOPC) identified along the proposed pipeline route. A tier 2 review was then conducted for each of the identified AOPC land parcels. No field investigations were undertaken.

## 4.1 Site Background

The proposed 435 km gas transmission pipeline originates from the Fairview gas fields, travels north through Arcadia Valley and enters the Gladstone area terminating at the LNG facility on Curtis Island (refer Figure 4).

The Tier 1 review of aerial photography identified six AOPC along the gas transmission pipeline route with the potential to be contaminated on the basis of infrastructure. The locations of identified AOPC are shown in Figure 4 and details for each are provided in Table 4-1.

ID	Long	Lat	Description of AOPC	Lot & Plan
1	148.873511	-25.633306	Quarry	4_WT217
2	148.835721	-24.748796	Livestock corrals (possible livestock dip)	7_CUE37
3	151.003687	-23.901647	Open gravel area	525_CL40243
4	151.03133	-23.871298	Livestock corrals (possible livestock dip)	9_SP200837
5	151.14659	-23.81389	Industrial plant	1_SP200852
6	151.147744	-23.808493	Grass airstrip/hanger	1_SP108922

#### Table 4-1 Areas of Potential Concern along Gas Transmission Pipeline

### 4.1.1 Title Information

Copies of current and historical Certificates of Title were obtained for the six AOPC land parcels (refer **Appendix F)**. A summary of the six land parcels is provided below:



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Land Title Information	Owner/Registered Proprietor etc
Lot 4 on Plan WT217	Denis Ward; County: Westgrove; Parish: Beilba; Local government: Roma Regional Council
Lot 7 on Plan CUE37	Kabjara Pty. Ltd; County: Consuelo; Parish: Purbrook; Local government: Central Highlands Regional Council
Lot 525 on Plan CL40243	Barry, Dorothy, Ian, and Ross Rideout; County: Clinton; Parish: Mt. Larcom; Local government: Gladstone Regional Council
Lot 9 on Plan SP200837	Minister for Industrial Development of Queensland; County: Clinton; Parish: Mt. Larcom; Local government: Gladstone Regional Council
Lot 1 on Plan SP200852	Transpacific Industries Pty. Ltd.; County: Clinton; Parish: Calliope; Local government: Gladstone Regional Council
Lot 1 on Plan SP108922	Minister for Industrial Development of Queensland; County: Deas Thompson; Local government: Gladstone Regional Council

#### Table 4-2 Areas of Potential Concern along Gas Transmission Pipeline

### 4.1.2 Zoning Information

Due to the length of the gas transmission pipeline and the multiple councils, shires, and parishes that the pipeline route traverses, zoning designation was not recorded. In general, the pipeline route traverses residential, industrial, commercial, and rural zones.

#### 4.1.3 Current Land Use

The pipeline passes through rural grazing, pasture, residential, farmland land uses and as the corridor nears the city of Gladstone, commercial, industrial and higher density residential areas. The pipeline also passes through a Marine Park zone across "The Narrows" before terminating on Curtis Island which comprises rural land uses as well as minor areas of residential development at South End.

## 4.2 Environmental Setting

### 4.2.1 Topography

A summary of the topography is provided below with a detailed description of the topography of the gas transmission pipeline route provided in Section 7.3 and Appendix L of the EIS.

The gas transmission pipeline route commences at the plateau of the Great Dividing Range northeast of Injune. The topography on the plateau consists of undulating to occasionally hilly uplands, dissected by steep sided ravines with some areas of sandstone rock outcroppings.

At the base of the escarpment, the gas transmission pipeline route crosses the floodplain of the Dawson River and continues northward through the Arcadia Valley, before entering lower hilly terrain with steeper slopes. As the gas transmission pipeline route turns northeast towards Gladstone areas of rock outcrops and lower gently sloping parts are encountered. East of the Expedition Range, the gas transmission pipeline traverses mainly undulating plains and lowlands and the floodplains of Zamia Creek, Mimosa Creek, the Dawson River, Banana Creek and other creeks.



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East of the Leichhardt Highway the gas transmission pipeline route traverses a range of low rounded and steeply dissected hilly lands. The gas transmission pipeline route crosses undulating and gently inclined plains underlain by Tertiary aged sediments and the floodplains of Kroombit and Callide Creeks.

Continuing north from the Calliope River the gas transmission pipeline route crosses through Silurian and Devonian sedimentary sequences, mainly along the foot slopes of low hilly and higher hilly lands. The gas transmission pipeline route traverses undulating plains and gently inclined slopes before descending onto the coastal estuarine tidal marine flats of the Pacific Ocean.

The topography along the gas transmission pipeline route on Curtis Island includes low rounded hilly, steep hilly and very steep higher hilly lands, with gently to moderately inclined foot slopes, undulating valley plains and alluvial drainage ways which are fringed along the coastline by marine and tidal mangrove flats.

## 4.2.2 Regional Geology

The geology of the gas transmission pipeline corridor comprises many different geological units and formations across the New England Fold Belt of Eastern Australia and is described in detail in the soils and geology report (refer Appendix L of the EIS. The gas transmission pipeline traverses many geological units over the 435 km route and to simplify the mapping process, mapping units have been combined and re-defined as "Geological Regimes". The geological regimes are provided in Appendix L- Figure s 2a, 2b, 2–1 to 2-24.

## 4.2.3 Surface Hydrology

The surface water courses proximate to the gas transmission pipeline corridor include lakes, rivers, creeks, reservoirs, springs, waterholes, canals, dams, swamps, and marshes before crossing "The Narrows" onto Curtis Island. The major rivers within the gas transmission pipeline corridor include Calliope River, Dawson River, and Brown River. Other tributaries within the study area include Bell, Kroombit, Castel, Banana, Kianga, Callide, Mimosa, Conciliation, Zamia, Clematis, Spring, and Baffle Creeks. The wet season in this region occurs from October to March with the highest stream flows between November and April. Specific details on the surface water hydrology is addressed in Section 7.5 (freshwater) and Section 7.7 (coastal and marine) of the EIS, and provided in detail in EIS Appendix O and R respectively.

## 4.2.4 Hydrogeology

The groundwater resources include both shallow and deep aquifers and are described in detail in Section 6.6 of the EIS (with the complete technical reports contained in Appendix P). Shallow aquifers include alluvium as well as the Wallumbilla, Bungil, Orallo, Birkhead, Hutton, Boxvale, Precipice, Moolayember, Clematis and Rewan Formations. The major GAB aquifers are recognised as having suitable groundwater quality for drinking purposes. The remaining units contain brackish to brine groundwater quality. The large number of registered bores in the area indicates that irrigation and stock watering quality water is obtainable. Compared to the ANZECC (2000) guidelines, groundwater present within the bores indicates that the majority of the groundwater is suitable for livestock watering.

The water quality data suggests that the salinity is within or above the range recommended for irrigation of crops. The groundwater appears to have some potential use in terms of irrigation, depending on crop type, soil type and irrigation regime.

The deep aquifers in the Arcadia Valley and Fairview CSG fields are utilised for domestic consumption, irrigation use, and stock watering purposes and is derived predominately from the Hutton and Precipice Sandstone aquifers. Groundwater also discharges to perennial surface water bodies such as streams and



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mound springs from these aquifers. In the Roma CSG field area groundwater is used for domestic consumption and stock watering purposes and is derived predominantly from the Mooga and Gubberamunda Sandstone aquifers. The Mooga and Gubberamunda Sandstone aquifers provide the only current source of groundwater supply for urban purposes in Roma. As a result of the current demands on the Mooga and Gubberamunda Sandstone aquifers, it is anticipated that additional extraction in the future will be required to be drawn from the deeper Hutton Sandstone. The Hutton Sandstone underlies the Walloon Coal Measures, and is relatively undeveloped in the Roma area due to its depth. Further details on the hydrogeology of the gas transmission pipeline study area are provided in Section 7.6 and Appendix P.

## 4.3 Site History

## 4.3.1 EPA Priority Registers

A search of EPA registers was conducted for AOPCs identified along the gas transmission pipeline corridor. One land parcel was listed on the EMR, with none identified on the CLR (refer Table 4-3). Copies of the search results are in **Appendix G**.

Lot & Plan ID	EMR Register List	CLR Register List
Lot 4 on WT217	-	-
Lot 7 on CUE37	-	-
Lot 525 on CL40243	-	-
Lot 9 on SP200837	-	-
Lot 1 on SP200852	Site (or subdivided parcel) has been subject to the Notifiable Activity of the EPA 1994 for Chemical Manufacturing or Formulation.	-
Lot 1 on SP108922	-	-

#### Table 4-3 EMR and CLR search results

## 4.3.2 Aerial Photography

A review of historical aerial photographs for each land parcel identified as an AOPC was undertaken to assess land use changes. Results of the review are summarised in Table 4-4 to Table 4-9 respectively for the six land parcels identified.



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Date	Area - Photo No.	Scale	Run No.	Site Description	Surrounding Area
2-9-63	Injune (Q1337) – 104	1:24,000	4A	Site has not been established yet. The site appears to be bushland and pasture.	The area surrounding the site is covered by vegetation, a combination of bushland and pasture.
25-5-77	Injune (Q3373) - 9574	1:25,000	4	No significant change to the site from the 1963 photograph was apparent	No significant change to the surrounding area from the 1963 photograph was apparent
23-5-86	Injune (4538) – 29	1:25,000	4	No significant change to the site from the 1963 photograph was apparent	No significant change to the surrounding area from the 1963 photograph was apparent
22-8-94	Injune (QC5294) - 102	1:40,000	3	No significant change to the site from the 1963 photograph was apparent	No significant change to the surrounding area from the 1963 photograph was apparent. Road easement on the west side of the future quarry site had been cleared.
2008	EQ – Fairview to Gladstone Aerial 2008	unknown	-	Quarry present in centre of lot. The surrounding area of the site is still bushland and pasture. Site is in its current configuration.	The area surrounding the lot is covered by vegetation, a combination of bushland and pasture. A road is present on the west side of the quarry.

#### Table 4-4Historical Aerial Photograph Review- Lot 4 on WT217

#### Table 4-5 Historical Aerial Photograph Review- Lot 7 on CUE37

Date	Area - Photo No.	Scale	Run No.	Site Description	Surrounding Area
29-10-80	Warrinilla (Q3827) - 74	1:25,000	8	Livestock paddocks are present adjacent to the centre of the northern boundary line. Potential for contaminating land activities such as a cattle dip to be present.	The area surrounding the lot is a combination of farmland and pasture.
24-6-95	Warrinilla (Q5356) - 247	1:40,000	5	No significant change to the site from the 1980 photograph was apparent	No significant change to the surrounding area from the 1980 photograph was apparent
2008	EQ – Fairview to Gladstone Aerial 2008	unknown	-	No significant change to the site from the 1963 photograph was apparent. Site is in its current configuration.	No significant change to the surrounding area from the 1980 photograph was apparent



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Date	Area - Photo No.	Scale	Run No.	Site Description	Surrounding Area
29-7-59	Gladstone (Q937) - 78	1:23,900	West Tie Line	Site has not been established yet. The lot appears to be bushland and pasture.	The area surrounding the site is covered by vegetation, a combination of bushland and pasture. Mt. Alma Road passes through the eastern portion of the lot.
25-5-65	Gladstone (Q1447) - 144	1:23,900	4	No significant change to the site from the 1959 photograph was apparent	No significant change to the surrounding area from the 1959 photograph was apparent
20-7-73	Gladstone (Q2690) - 169	1:31,900	9	No significant change to the site from the 1959 photograph was apparent	No significant change to the surrounding area from the 1959 photograph was apparent
7-3-81	Gladstone (Q3836) - 209	1:37,500	3	No significant change to the site from the 1959 photograph was apparent	No significant change to the surrounding area from the 1959 photograph was apparent
2008	EQ – Fairview to Gladstone Aerial 2008	unknown	-	Cleared gravel patch in the eastern portion of the lot next to the Mt. Alma Road. The site is in its current configuration.	No significant change to the surrounding area from the 1959 photograph was apparent

#### Table 4-6Historical Photograph Review- Lot 525 on CL40243

#### Table 4-7Historical Photograph Review- Lot 9 on SP200837

Date	Area - Photo No.	Scale	Run No.	Site Description	Surrounding Area
26-7-59	Gladstone (Q926) - 113	1:23,900	5	Livestock paddocks are present on site with potential for contaminating activities such as a cattle dip to be present. Bruce Highway parallels the western edge of the lot. A track can be seen paralleling the north property line of the lot.	The area surrounding the lot is a combination of bushland and pasture.
25-5-65	Gladstone (Q1447) - 144	1:23,900	4	No significant change to the site from the 1959 photograph was apparent	No significant change to the surrounding area from the 1959 photograph was apparent
20-7-73	Gladstone (Q2690) - 169	1:31,900	9	No significant change to the site from the 1959 photograph was apparent	No significant change to the surrounding area from the 1959 photograph was apparent
7-3-81	Gladstone (Q3836) - 209	1:37,500	3	No significant change to the site from the 1959 photograph was apparent	No significant change to the surrounding area from the 1959 photograph was apparent
15-1-92	Gladstone (QPc5027) – 205	1:25,000	5	No significant change to the site from the 1959 photograph was apparent	No significant change to the surrounding area from the 1959 photograph was apparent
2008	EQ – Fairview to Gladstone Aerial 2008	unknown	-	No significant change to the site from the 1959 photograph was apparent. Site is in its current configuration.	No significant change to the surrounding area from the 1959 photograph was apparent

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Date	Area - Photo No.	Scale	Run No.	Site Description	Surrounding Area
25-5-65	Gladstone (Q1447) - 163	1:23,900	3	Site has not been established yet. The lot appears to be uncleared bushland.	The area surrounding the lot is bushland with a few nearby cleared areas. Landing Road runs parallel to the east side of the lot. Guerassimoff Road runs parallel along the north end of the lot boundary.
19-7-73	Gladstone (Q2689) - 105	1:31,900	7	Site has not been established yet. Some vegetation clearing has occurred on site.	No significant change to the surrounding area from the 1965 photograph was apparent
2008	EQ – Fairview to Gladstone Aerial 2008	unknown	-	Industrial plant on site. Including several AST varying is size, two ponds, various buildings and car park all enclosed in fence yard.	No significant change to the surrounding area from the 1965 photograph was apparent

#### Table 4-8Historical Photograph Review- Lot 1 on SP200852

#### Table 4-9Historical Photograph Review- Lot 1 on SP108922

Date	Area - Photo No.	Scale	Run No.	Site Description	Surrounding Area
25-5-65	Gladstone (Q1447) - 163	1:23,900	3	Site has not been established yet. The lot appears to be bushland. Some vegetation clearing has occurred on site.	The area surrounding the lot is bushland with a few nearby cleared areas. Landing Road runs parallel to the east side of the lot. Guerassimoff Road runs parallel along the south end of the lot boundary.
19-7-73	Gladstone (Q2689) - 105	1:31,900	7	No significant change to the site from the 1965 photograph was apparent	No significant change to the surrounding area from the 1965 photograph was apparent
2008	EQ – Fairview to Gladstone Aerial 2008	unknown	-	Large cleared area of vegetation along the northern border of the lot. There is a grass airstrip and aeroplane hanger in the eastern portion of the lot which the pipeline route passes through. Potential for fuel storage as a contaminating land activity.	The area surrounding the lot is bushland with an increase in nearby vegetated cleared areas. Landing Road runs parallel to the east side of the lot. Guerassimoff Road runs parallel along the south end of the lot boundary.

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### 4.3.3 Certificates of Title

A search of current and historical titles of the site was undertaken for each land parcel identified as an AOPC using DNRW databases. A summary of titles for each land parcel is provided in Table 4-10 to Table 4-15. Copies of each certificate of title can be found in **Appendix F**.

### Table 4-10Certificates of Title - Lot 4 on WT217

Certificate of Title	Land Description	Proprietor	Date of Ownership
Current Title 17648032	Lot 4 on WT217	Denis Ward (registered Lessee)	21-10-1995
Historical Title 17648032	Lot 4 on WT217	Denis Ward	26-7-1993
Historical Title 17648032	Grazing farm No. 7310	Leslie and Joycelyn Ward	1-4-1980

#### Table 4-11Certificates of Title – Lot 7 on CUE37

Certificate of Title	Land Description	Proprietor	Date of Ownership
Current Title 30426224	Lot 7 on CUE37	Kabjara Pty Limited	31-3-1976
Historical Title 30426224	Lot 7 on CUE37	John Kirk	29-7-1965

#### Table 4-12 Certificates of Title – Lot 525 on CL40243

Certificate of Title	Land Description	Proprietor	Date of Ownership
Current Title 30118248	Lot 525 on CL40243	Barry, Dorothy, Ian, and Ross Rideout	14-7-2000
Historical Title 30086052	Lot 525 on CL40243	William Rideout	27-4-1973
Historical Title 30086052	Lot 525 on CL40243	Annie Rideout	14-9-1932
Historical Title 30086052	Lot 525 on CL40243	Christian Jorgensen	3-9-1915
Historical Title 30086052	Lot 525 on CL40243	Christian Jorgensen	3-9-1915
Historical Title 30086052	Lot 525 on CL40243	Philip Bennett	8-12-1909
Historical Title 30086052	Lot 525 on CL40243	Louis Koobler	13-11-1906
Historical Title 30086052	Lot 525 on CL40243	James Bell	29-10-1901
Historical Title 30086052	Deed of Grant	William Lutton	3-5-1901

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#### Table 4-13 Certificates of Title – Lot 9 on SP200837

Certificate of Title	Land Description	Proprietor	Date of Ownership
Current Title 50705757	Lot 9 on SP200837	Minister for Industrial Development of Queensland	17-1-2008
Historical Title 40012840	Lot 1 on RP618440; Lot 310 on CL40119 and Lot 267 on CL4093	State of Queensland (Deed of Grant)	
Historical Title 30134227	Agriculture Farm No. 468	Matthew and Valentine James Murray	9-9-1938
Historical Title 30134227	Agriculture Farm No. 468	John James Athelstane Murray (Deed of Grant)	18-1-1923
Historical Title 30134089	County Lot 1	John Boyle	12-8-1952
Historical Title 30134089	County Lot 1	Alfred James Boyle	16-11-1921
Historical Title 30067051	County: Clinton Parish: Mt. Larcombe Selection: 551	John Boyle	28-10-1948
Historical Title 30067051	County: Clinton Parish: Mt. Larcombe Selection: 551	Charles Vincent	8-9-1939
Historical Title 30067051	County: Clinton Parish: Mt. Larcombe Selection: 551	Mary Henderson	4-1-1933
Historical Title 30067051	County: Clinton Parish: Mt. Larcombe Selection: 551	Inglis John Henderson	20-9-1923
Historical Title 30067051	County: Clinton Parish: Mt. Larcombe Selection: 551	John Henry Kessell	20-6-1911
Historical Title 30067051	County: Clinton Parish: Mt. Larcombe Selection: 551	Joseph Harley Farmer	5-1-1895
Historical Title 30134090	County Lot 2	John and Mervyn Boyle	10-3-1964
Historical Title 30134090	County Lot 2	John Boyle	28-10-1948
Historical Title 30134090	County Lot 2	Mary Henderson	5-9-1947
Historical Title 30134090	County Lot 2	Charles Vincent	8-9-1939
Historical Title 30134090	County Lot 2	Mary Henderson	4-1-1933
Historical Title 30134090	County Lot 2	Inglis John Henderson	20-9-1923
Historical Title 30134090	County Lot 2	John Henry Kessell	16-11-1921
Historical Title 30038199	County: Clinton Parish: Mt Larcombe Selection: 253	John and Mervyn Boyle	10-3-1964
Historical Title 30038199	County: Clinton Parish: Mt Larcombe Selection: 253	John Boyle	11-11-1938



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Certificate of Title	Land Description	Proprietor	Date of Ownership
Historical Title 30038199	County: Clinton Parish: Mt Larcombe Selection: 253	Mary Henderson	4-1-1933
Historical Title 30038199	County: Clinton Parish: Mt Larcombe Selection: 253	Inglis John Henderson	12-9-1923
Historical Title 30038199	County: Clinton Parish: Mt Larcombe Selection: 253	John Henry Kessell	20-6-1911
Historical Title 30038199	County: Clinton Parish: Mt Larcombe Selection: 253	Joseph Harley Farmer	22-6-1900
Historical Title 30038199	County: Clinton Parish: Mt Larcombe Selection: 253	Michael Kelly	18-9-1885
Historical Title 30176204	Agricultural Farm No. 565	The Secretary for Mines	10-5-1990
Historical Title 30176204	Agricultural Farm No. 565	The Gladstone Area Water Board	24-6-1981
Historical Title 30176204	Agricultural Farm No. 565	Hazel Evelyn Boyle	28-8-1952
Historical Title 30176204	Agricultural Farm No. 565	Alfred James Boyle	18-2-1937
Historical Title 40025540	Lot 25 SP104429	State of Queensland	17-7-2000
Historical Title 30193166	Agricultural Farm No. 1010	John and Mervyn Boyle	28-8-1952
Historical Title 30193166	Agricultural Farm No. 1010	Alfred James Boyle	11-6-1941
Historical Title 30122078	Agricultural Farm No. 712	William and Clifford Roffey	8-11-1961
Historical Title 30122078	Agricultural Farm No. 712	Kevin, Leonard, and Dudley Roffey	15-1-1953
Historical Title 30122078	Agricultural Farm No. 712	Kevin and Leonard Roffey	13-4-1944
Historical Title 30122078	Agricultural Farm No. 712	Mary Henderson	4-1-1933
Historical Title 30122078	Agricultural Farm No. 712	Inglis John Henderson	20-9-1923
Historical Title 30122078	Agricultural Farm No. 712	John Kessell	18-5-1917
Historical Title 30122078	Agricultural Farm No. 712	Walter Prizeman	2-5-1917



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Certificate of Title	Land Description	Proprietor	Date of Ownership
Current Title 50672184	Lot 1 on SP200852	Transpacific Industries Pty Ltd.	29-6-2007
Historical Title 30610008	Lot 135 RP801113	Ticor Chemical Company Pty Ltd.	29-11-96
Historical Title 30610008	Lot 135 RP801113	Minproc Chemical	16-5-1991
Historical Title 30492045	Portion 71	Minproc Chemical Company Pty. Ltd.	10-4-1991
Historical Title 30492045	Portion 71	Minproc Resources Pty. Ltd.	17-5-1990
Historical Title 30492045	Portion 71	Yarwun Properties Pty. Ltd.	12-12-1983
Historical Title 30492045	Portion 71	G.J. P.J.E. Ferguson Supplies Pty. Ltd.	25-5-1982
Historical Title 30492045	Deed of Grant Por 71	Andrew Guerassimoff	23-3-1982
Historical Title 30593217	Lot 30 RP620183	Frank Butler	6-11-1989
Historical Title 30285049	Agricultural Farm No. 2229	Frank Butler	5-4-1961

#### Table 4-14 Certificates of Title – Lot 1 on SP200852

#### Table 4-15 Certificates of Title – Lot 1 on SP108922

Certificate of Title	Land Description	Proprietor	Date of Ownership
Current Title 50262977	Lot 1 on SP108922	Minister for Industrial Development of Queensland	7-8-2001
Historical Title 17757183	Lot 1 on MPH32434	Ticor Chemical Company Pty Ltd.	31-10-1995
Historical Title 17757183	Lot 1 on MPH32434	Minproc Chemical Company	9-6-1995

## 4.4 Site Inspection

No site inspections were undertaken of the AOPCs, however specific details on the geology, hydrogeology and potential contaminants and sensitive receivers are provided below.

## 4.4.1 Area of Potential Concern Lot 4 on Plan WT217

This site was identified as an AOPC as the proposed pipeline route lies adjacent to the boundary of a quarry.



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### 4.4.1.1 Geology & Hydrogeology

The geology comprises the Mesozoic Lower Jurassic Boxvale Sandstone Member, consisting of quartzose sandstone and minor siltstone and coal (Qld Govt - Taroom Geological Sheet SG/55-8 1:250,000 map).

The hydrogeology of the underlying aquifer is Sedimentary Strata (eg sandstone, shale, and conglomerate) with an approximate bore yield of <5 L/sec and a salinity of <500 mg/L TDI. This salinity level suits most purposes (Groundwater Resources of Queensland – Department of Mines Series 4, 1:2,500,000, 1987).

#### 4.4.1.2 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use could include:

- Fuels; and
- Lubricants.

#### 4.4.1.3 **Potential Sensitive Receptors**

Potential sensitive receptors of COPC identified at the site could include:

- On and off site workers involved in pipeline construction;
- Local ecosystems; and
- Groundwater.

### 4.4.2 Area of Potential Concern Lot 7 on Plan CUE37

This site was identified as an AOPC as the proposed pipeline route runs through livestock corrals which may have the potential for contaminated land.

#### 4.4.2.1 Geology & Hydrogeology

The site geology comprises Quaternary to Cainozoic aged soil and alluvium and Triassic aged Rewan Formation consisting of buff, lithic sandstone and siltstone, red siltstone, and shale. The hydrogeology of the underlying aquifer is of Sedimentary Strata (eg sandstone, shale, and conglomerate) with an approximate bore yield of <5 L/sec and a salinity of 500 - 1500 mg/L TDI. This salinity level suits most purposes, but is marginal for human consumption and low salt tolerant crops (Queensland Government - Baralaba Geological Sheet SG/55-4 1:2,500,000, 1966).

#### 4.4.2.2 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use could include:

- Arsenic; and
- Pesticides.



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### 4.4.2.3 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site could include:

- On site workers involved in the pipeline construction;
- Local ecosystems; and
- Groundwater.

### 4.4.3 Area of Potential Concern Lot 525 on Plan CL40243

This site was identified as an AOPC as the proposed pipeline route runs adjacent to an open cleared gravel area which may have the potential for contamination.

#### 4.4.3.1 Topography, Geology and Hydrogeology

The site geology comprises Early and Middle Devonian Palaeozoic aged Mount Holly Beds, which are volcaniclastic greywacke arenite and conglomerate, dacitic to andesitic tuff and agglomerate, siltstone, mudstone, limestone (Queensland Department of Mines - Gladstone Sheet 9150, 1:100,000 Series). The hydrogeology of the underlying aquifer is Sedimentary Strata (eg sandstone, shale, and conglomerate) with an approximate bore yield of <5 L/sec and a salinity of 500 – 1500 mg/L TDI. This salinity level suits most purposes, but is marginal for human consumption and low salt tolerant crops (Groundwater Resources of Queensland – Department of Mines Series 4, 1:2,500,000, 1987).

### 4.4.3.2 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use could include:

Pesticides.

#### 4.4.3.3 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site could include:

- On site workers involved in the construction of the pipeline;
- Local ecosystems; and
- Livestock.

### 4.4.4 Area of Potential Concern Lot 9 on Plan SP200837

This site was identified as an AOPC as the proposed pipeline route runs through livestock corrals which may have the potential for contaminated land.



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### 4.4.4.1 Topography, Geology & Hydrogeology

The site geology comprises Early and Middle Devonian Palaeozoic aged Mount Holly Beds, which are volcaniclastic greywacke arenite and conglomerate, dacitic to andesitic tuff and agglomerate, siltstone, mudstone, limestone (Queensland Department of Mines - Gladstone Sheet 9150, 1:100,000 Series).

The hydrogeology of the underlying aquifer is Sedimentary Strata (eg sandstone, shale, and conglomerate) with an approximate bore yield of <5 L/sec and a salinity of 500 – 1500 mg/L TDI. This salinity level suits most purposes, but is marginal for human consumption and low salt tolerant crops (Groundwater Resources of Queensland – Department of Mines Series 4, 1:2,500,000, 1987).

#### 4.4.4.2 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use could include:

- Arsenic; and
- Pesticides.

#### 4.4.4.3 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site could include:

- On site workers involved in the construction of the pipeline;
- Local ecosystems; and
- Groundwater.

### 4.4.5 Area of Potential Concern Lot 1 on Plan SP200852

This site was identified as an AOPC as the proposed pipeline route runs through an industrial zoned lot with the potential for land contaminating activities.

#### 4.4.5.1 Geology & Hydrogeology

The site geology comprises Pleistocene and Holocene aged colluvium and residual deposits which comprise clay, gravel, cobble scree, and residual soil underlain by the Late Devonian aged Doonside Formation consisting of chert, mudstone, tuff, and arenite (Queensland Department of Mines - Gladstone Sheet 9150, 1:100,000 Series).

The hydrogeology of the underlying aquifer is Sedimentary Strata (eg sandstone, shale, and conglomerate) with an approximate bore yield of <5 L/sec and a salinity of 500 – 1500 mg/L TDI. This salinity level suits most purposes, but is marginal for human consumption and low salt tolerant crops (Groundwater Resources of Queensland – Department of Mines Series 4, 1:2,500,000, 1987).Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use could include:

- Fuels;
- Lubricants;
- Cleaners; and
- Industrial plant waste.



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### 4.4.5.2 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site could include:

- On site workers involved with construction of the pipeline;
- Local ecosystems; and
- Groundwater.

### 4.4.6 Area of Potential Concern Lot 1 on Plan SP108922

This site was identified as an AOPC as the proposed pipeline route runs through a grass airstrip and aeroplane hanger which may have the potential for contaminating activities.

#### 4.4.6.1 Geology & Hydrogeology

The site geology comprises Pleistocene and Holocene aged colluvium and residual deposits which comprise clay, gravel, cobble scree, and residual soil underlain by the Late Devonian aged Doonside Formation consisting of chert, mudstone, tuff, and arenite (Queensland Department of Mines - Gladstone Sheet 9150, 1:100,000 Series).

The hydrogeology of the underlying aquifer is Sedimentary Strata (eg sandstone, shale, and conglomerate) with an approximate bore yield of <5 L/sec and a salinity of 500 - 1500 mg/L TDI. This salinity level suits most purposes, but are marginal for human consumption and low salt tolerant crops (Queensland Department of Mines - Gladstone Sheet 9150, 1:100,000 Series).

#### 4.4.6.2 Chemicals of Potential Concern

Chemicals of potential concern (COPC) associated with the sites past use could include:

- Fuels;
- Pesticides; and
- Lubricants.

#### 4.4.6.3 Potential Sensitive Receptors

Potential sensitive receptors of COPC identified at the site could include:

- On site workers involved in the construction of the pipeline;
- Local ecosystems; and
- Groundwater.



PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT

## Coal Seam Gas (CSG) Field

**Section 5** 

The CSG field component of the GLNG project is phased and will be developed over a period of 20 years. As a result of this, and due to the large geographical extent of the development area, the assessment comprised a review of the environmental setting for the field development including a review of the geology and hydrogeology of the area and the identification of sensitive receivers including rivers and other water courses. The assessment also included the development of an indicative list of Notifiable Activities likely to occur in the study area. The tiered assessment adopted for the LNG facility (including EPA register searches) was not considered appropriate at this time given the location of wells and associated infrastructure is yet to be confirmed. Alternatively, the tiered review will be conducted as part of the Phase 2 (post EIS) impact assessment program, once CSG field infrastructure locations are more accurately determined during the preconstruction phase of the CSG field development program.

## 5.1 Site Background

The CSG field study area is approximately 300km by 100km in area and extends from the Roma area in the south to approximately Rolleston in the north.

The Roma CSG well fields are based around the town of Roma and extend approximately 100km to the east, 50km to the south, 65 km to the west and 40 km to the north.

The Fairview and Arcadia Valley CSG well fields are situated approximately 25 km northeast of the town of Injune, and from there extend approximately 45 km to the east and 100 km to the north (**Figure 4**).

## 5.1.1 Current Land Use

Land uses within the CSG field study area include rural farmland, grazing pastures, forestry, residential, urban, industrial, and commercial. A more detailed review of land use information will be carried out as part of the well site selection studies that will be undertaken during the preconstruction (i.e. well field planning impact assessment) phases of the project once a more accurate indication of well field locations is known.

## 5.2 Environmental Setting

## 5.2.1 Topography

The topography within the Fairview and Arcadia Valley varies from open valley to mountain ranges. The predominant landforms of the region are the mountain range formations including the Expedition Range, Lynd Range, and the Carnarvon Range extending north to Emerald. These form the north eastern margin of the Great Artesian Basin. These ranges have been dissected to form an undulating to hilly surface with areas of deep valleys and gorges.

The topography in the vicinity of the Roma CSG fields is predominantly flat to gently undulating.

### 5.2.2 Regional Geology

The CSG field development comprises two separate geological areas as follows:

- The Roma area is located in the Bowen Basin, within the upper reaches of the Murray-Darling catchment; and
- The Fairview and Arcadia Valley fields are located within the Surat Basin, within the Fitzroy River catchment.

## Coal Seam Gas (CSG) Field

**Section 5** 

#### Roma Fields

The surficial geology of the Roma area can be described as Mesozoic aged sedimentary formations with some Tertiary aged sediments, volcanics, and Quaternary aged alluvium. The oldest bedrock in the Roma CSG field area is the Mid to Upper Jurassic aged Orallo Formation of the Injune Creek Group. The Orallo Formation comprises fine to medium cross bedded, lithic to lithic sublabile, calcareous or clayey sandstone, siltstone, mudstone with some carbonaceous material, and minor coal (Roma 1:250,000 Geological map Sheet SG/55-12).

The Orallo Formation is overlain by the Lower Cretaceous aged Mooga Sandstone comprising sandstone and siltstone. The surface outcrop of the Mooga Sandstone is limited and is overlain by the Lower Cretaceous Bungil Formation which comprises of fine grained, labile and sublabile sandstone, siltstone, and mudstone with some carbonaceous material (Roma 1:250,000 Geological map Sheet SG/55-12)..

Large areas of poorly consolidated Tertiary aged sandstone and conglomerate unconformably overlie the Wallumbilla Formation to the south and southeast of Roma. The Bungil Formation has been intruded by Miocene aged basalt and dolerite plugs to the northeast of Roma. The drainages have been infilled with alluvial sediments comprising Quaternary aged sand, gravel and clay (Roma 1:250,000 Geological map Sheet SG/55-12).

#### Fairview Fields

The surficial geology of the Fairview CSG fields identifies the oldest bedrock to be the mid to upper Triassic aged Moolayember Formation of the Mimosa Group. The Moolayember Formation comprises mudstone, lithic to lithic sublabile sandstone, conglomerate, shale and tuff (Taroom 1:250,000 Geological map Sheet SG/55-8).

The Moolayember Formation is unconformably overlain by the lower Jurassic aged Precipice Sandstone comprising cross bedded quartzose sandstone, sublabile lithic sandstone, and mudstone. Outcrops of both the Moolayember Formation and Precipice Sandstone are of limited aerial extent in the Fairview area (Taroom 1:250,000 Geological map Sheet SG/55-8).

The Precipice Sandstone is overlain by labile and sublabile sandstone, mudstone, shale and coal of the Evergreen Formation, which is conformably overlain by argillaceous sublabile and quartzose sandstone with minor mudstone of the Hutton Sandstone. The Hutton Sandstone is overlain by the Birkhead Formation which comprises calcareous labile and sublabile lithic sandstone, siltstone, shale, carbonaceous shale, and coal.

The sedimentary bedrock units around Fairview are generally low permeability and contain brackish water, with the exception of the Precipice Sandstone, which is a productive aquifer for potable water. The alluvial deposits of the larger streams in the area also produce good supplies of groundwater.

#### Arcadia Valley Fields

The surficial geology of the Arcadia Valley CSG fields identifies the oldest bedrock to be the Permian aged Back Creek Group comprising of sandstone, siltstone, carbonaceous shale and minor coal. Overlying these, the Triassic aged Rewan Group comprising of lithic sandstone and siltstone and shale which are overlain by the Clematis Group of sandstone, conglomerate, siltstone and mudstone (Baralaba 1:250,000 Geological map Sheet SG/55-4).



## Coal Seam Gas (CSG) Field

**Section 5** 

## 5.2.3 Surface Hydrology

#### Roma Fields

The Roma CSG field lies within the Balonne-Condamine River subcatchment, part of the Condamine River Basin. The catchment contains networks of ephemeral streams with summer rainfall and becomes a series of waterholes during periods of low to zero flow. The topography in the Roma CSG field is predominantly flat. Major creeks in the proposed Roma CSG fields include Bungil Creek, Wallumbilla Creek, Yuleba Creek and Bungeworgorai Creek. Minor tributaries include Bungil, Wallumbilla and Yuleba Creeks, which flow into the Balonne River, which in turn flows to the Murray Darling Basin.

#### Fairview Fields

The Fairview CSG field lies within the Upper Dawson River catchment that extends upstream and westwards from Taroom. The catchment contains mostly ephemeral or intermittent streams. The Dawson River is the main waterbody in the region, which starts in the Carnarvon Range and Expedition Range regions on the western side of the subcatchment and flows into the Fitzroy River. Major streams that flow into the Dawson River are Hutton Creek, Baffle Creek, Juandah Creek, Eurombah Creek, Commissioner Creek and Broken Creek. The major tributaries in the catchment tend to be ephemeral with periods of low to no flow, and are subject to flooding. The Dawson River dries up above the confluence with Baffle Creek, with some pools observed higher up the catchment. Downstream of Baffle Creek, the Dawson River appears to maintain deep pools even during dry period, and downstream of Hutton Creek, the Dawson River appears to be a continuously flowing stream probably maintained by spring flows.

#### Arcadia Valley Field

The Arcadia Valley CSG field lies within the Comet-Brown Catchment Area, extending from the Carnarvon Ranges north to Emerald. The Comet-Brown subcatchment is part of the larger Fitzroy Basin of eastern Australia. The main river within the basin is the Fitzroy River which flows into the Pacific Ocean near Rockhampton, QLD. The major stream in the CSG field area is the Brown River, which becomes Comet River in the vicinity of Rolleston, flowing north and discharging to the McKenzie River.

### 5.2.4 Hydrogeology

The groundwater resources include both shallow and deep aquifers. The shallow groundwater resources in the gas fields include both non-aquifers and minor shallow groundwater aquifers. The majority of the shallow formations exhibit negligible permeability and are generally regarded as not containing groundwater in exploitable quantities. Groundwater quality is such that it renders the aquifer unusable or of limited suitability for use.

The deep aquifers in the Arcadia Valley and Fairview CSG fields are utilised for domestic consumption, irrigation use, and stock watering purposes and are derived predominately from the Hutton and Precipice Sandstone aquifers. Groundwater also discharges to perennial surface water bodies such as streams and mound springs from these aquifers.

In the Roma CSG field area groundwater is used for domestic consumption and stock watering purposes and is derived predominantly from the Mooga and Gubberamunda Sandstone aquifers. The Mooga and Gubberamunda Sandstone aquifers provide the only current source of groundwater supply for urban purposes in Roma. Further details on the groundwater resources are provided in Section 6.6 and Appendix P.



## Coal Seam Gas (CSG) Field

**Section 5** 

## 5.3 Areas of Potential Concern (AOPC)

As previously indicated, given the large geographical extent of the CSG field study area and the specific locations of well leases and associated infrastructure still to be accurately determined, a Tier 1 and Tier 2 assessment has not been undertaken in the CSG field study area at this point. It is proposed to undertake such assessments as part of the Phase 2 (post EIS) impact assessment program, once more accurately defined field location details are known. However, based on the site background review information above, the following notifiable activities could potentially be present in the CSG field study area and would be investigated as part of the Phase 2 impact assessment program.

#### Roma Field

The Roma CSG field area includes rural grazing and cropping, regional townships and existing CSG developments. While no disturbance of land within the townships of Roma and Wallumbilla is proposed, indicative AOPC within the township of Roma would include service stations, scrap yards, petroleum and oil product storage, pest control, dry cleaning businesses and a local landfill. Wallumbilla is a small centre with a focus on cropping and beef cattle.

Notifiable activities associated with grazing and cropping land uses surrounding the townships of Roma and Wallumbilla include aerial spraying operating areas (filling/washing tanks) which are potentially located on property airstrips. Other activities include chemical (eg pesticides) and petroleum storage, livestock dip/spray race operations, and storage.

The existing CSG field operations have the potential to include notifiable activities such as storage of produced formation water as well as the storage of chemicals and petroleum products such as diesel (refer Section 3.6.3.6 (Project Description) of the EIS for further details).

#### Fairview Field

The Fairview CSG field area includes rural grazing and cropping areas and is located proximate to the small township of Injune. Existing CSG field operations are also present with potential for notifiable activities including petroleum and oil storage within compressor stations. Notifiable activities associated with grazing and cropping are as per the Roma field detailed above.

#### Arcadia Valley Field

The Arcadia Valley CSG field area includes rural grazing and cropping with similar potential notifiable activities as per the Roma and Fairview Field areas.



## **Summary and Recommendations**

**Section 6** 

## 6.1 LNG Facility

Five AOPC were indentified at the LNG facility site on Curtis Island including:

- Fishermans Hut Complex;
- Stockyards near Fishermans Hut;
- Stockyards and dam;
- Loading Hut Complex; and
- Loading Hut Complex.

The Fishermans Hut complex comprised above and below ground storage tanks, cattle dip, and battery stockpiles. The site was identified as the highest risk AOPC and a soil investigation of the cattle dip (a notifiable activity) was undertaken.

The investigation identified arsenic at concentrations greater than the health based investigation levels for industrial/commercial land use. These concentrations are thought to be a result of historical use of the site for cattle dipping activities.

In addition. a suite of heavy metals with concentrations above expected environmental investigation levels was identified in the samples collected around the cattle dip. However, the types of metals reported are not normally associated with cattle dip activities and the review of site history did not identify any other sources that would contribute to these concentrations. Further to this, interpretations of the regional geology of the area, the results of groundwater investigations conducted across the study area and marine sediment investigations carried out in the adjacent marine waters of Port Curtis support this conclusion.

There are a number of recommendations to minimise the risk of environmental harm occurring, including (these should be incorporated into the site Construction Environmental Management Plan (CEMP)):

- Ensuring that the status of site soils to be excavated on site as part of LNG facility construction activities is further assessed prior to construction commencing to provide more detailed information on how excavated soils should be managed;
- Appropriate disposal of waste materials on site to an appropriately licensed disposal facility (by appropriately trained and qualified licensed contractors as required);
- As the subject site has been used for the "Notifiable Activity" of "livestock dip or spray race operations", the land should be listed on the EPA's Environmental Management Register (EMR). The *Environmental Protection Act* (1994) requires that "if the owner or occupier of land becomes aware a Notifiable Activity is being carried out on the land, the owner or occupier must, within 22 business days after becoming aware the activity is being carried out, give notice under the subsection to the administering authority in the approved form";
- The cattle dip is located outside the LNG facility footprint and will not be affected by proposed activities. However, should additional activities be considered in the vicinity of the cattle dip then additional investigations to delineate the arsenic impact around the cattle dip should be undertaken prior to site development.



## **Summary and Recommendations**

**Section 6** 

No evidence of contamination at the other AOPC identified within the LNG facility study area were considered to warrant a Tier 3 assessment.

## 6.2 Gas Transmission Pipeline

Based on current and historical data and aerial photography review, six AOPCs were identified along the proposed gas transmission pipeline corridor, including:

- 1) Quarry Livestock corrals;
- 2) Open gravel patch;
- 3) Livestock corrals (2 sites);
- 4) Industrial plant; and
- 5) Grass airstrip with aeroplane hanger.

The Tier 1 and Tier 2 review identified some potential for impact which will require further assessment as part of pipeline EMP implementation. The Industrial Plant site is considered the highest risk site as it is listed on the EMR due to the parent lot from which it was derived, followed by the two sites with livestock corrals which have the potential to contain a cattle dip. Further investigations will be undertaken prior to development once the pipeline route is further refined. Where contamination is identified, the pipeline route should avoid impacting the site, and where necessary, undertake the appropriate remediation measures which may include, but not limited to, the excavation and removal of impacted soil.

## 6.3 CGS Gas Field

The CSG gas field study area includes existing CSG field development as well as grazing and cropping land uses. These land uses have the potential for Notifiable Activities to be present including cattle dips as well as chemical and petroleum storage. These land uses pose risks of land contamination associated with past or present management measures, and investigation will be required to determine existing contamination status prior to infrastructure development in these areas. Each field development location will be investigated as part of the Phase 2 (post EIS) impact assessment program using the Tier 1 to Tier 3 (if required) approach. Where contamination is identified, the site shall be avoided (where possible) or remediated prior to development of infrastructure.



## Limitations

**Section 7** 

This conclusions and all information in this Report are provided strictly in accordance with and subject to the following limitations and recommendations:

- a) This Report should be read in full and no excerpts are to be taken as representative of the findings. No responsibility is accepted by URS for use of any part of this Report in any other context.
- b) This conclusion is based solely on the information and findings contained in this Report.
- c) This conclusion is based solely on the scope of work agreed between URS and Santos and described in section 1 ("Introduction") of this Report.
- d) This Report has been prepared for the sole benefit of Santos and neither the whole nor any part of this Report may be used or relied upon by any party other than Santos.
- e) This Report is dated 07/11/2008 and is based on the conditions encountered during the site investigations conducted, and information reviewed, from 10/07/08 to 07/11/08. URS accepts no responsibility for any events arising from any changes in site conditions or in the information reviewed that have occurred after the completion of the site investigations.
- f) The investigations carried out for the purposes of the Report have been undertaken, and the Report has been prepared, in accordance with normal prudent practice and by reference to applicable environmental regulatory authority and industry standards, guidelines and assessment criteria in existence at the date of this Report.
- g) Where this Report indicates that information has been provided to URS by third parties, URS has made no independent verification of this information except as expressly stated in the Report.
- h) URS has tested only for those chemicals specifically referred to in this Report. URS makes no statement or representation as to the existence (or otherwise) of any other chemicals.
- i) Except as otherwise specifically stated in this Report, URS makes no warranty or representation as to the presence or otherwise of asbestos and/or asbestos containing materials ("ACM") on the sites. If fill has been imported on to the site at any time, or if any buildings constructed prior to 1970 have been demolished on the site or materials from such buildings disposed of on the site, the site may contain asbestos or ACM. Without limiting the generality of sub-clauses (h) and (m), even if asbestos was tested for and those test results did not reveal the presence of asbestos at specific points of sampling, asbestos may still be present at the site if fill has been imported at any time, or if any buildings constructed prior to 1970 have been demolished on the site or materials from such buildings disposed of on the site.
- j) No investigations have been undertaken into any off-site conditions, or whether any adjoining sites may have been impacted by contamination or other conditions originating from these sites.
- k) Investigations undertaken in respect of this Report are limited to GLNG Project areas.
- I) Investigations undertaken in respect of this Report are constrained by the particular site conditions, such as the location of buildings, services and vegetation. As a result, not all relevant site features and contamination may have been identified in this Report.
- m) Subsurface conditions can vary across a particular site and cannot be exhaustively defined by the investigations described in this Report. It is unlikely therefore that the results and estimations expressed in this Report will represent conditions at any location removed from the specific points of sampling.
- n) A site which appears to be unaffected by contamination at the time the Report was prepared may later, due to natural phenomena or human intervention, become contaminated.
- Except as specifically stated above, URS makes no warranty, statement or representation of any kind concerning the suitability of the site for any purpose or the permissibility of any use, development or redevelopment of the site.
- p) Use, development or re-development of the site for any purpose may require planning and other approvals and, in some cases, environmental regulatory authority and accredited site auditor approvals. URS offers no opinion as to whether the current use has any or all approvals required, is operating in accordance with any approvals, the likelihood of obtaining any approvals for development or redevelopment of the site, or the conditions and obligations which such approvals may impose, which may include the requirement for additional environmental works.
- q) URS makes no determination or recommendation regarding a decision to provide or not to provide financing with respect to the site.



## Limitations

Section 7

r) The ongoing use of the site and/or the use of the site for any different purpose may require the owner/user to manage and/or remediate site conditions, such as contamination and other conditions, including but not limited to conditions referred to in this Report.



## References

## **Section 8**

Bureau of Mineral Resources Geology and Geophysics, Taroom QLD Sheet SG 55-8, 1:250000, 1967 map

DoE (Queensland Department of Environment), 1998. Draft guidelines for the Assessment and Management of Contaminated Land in Queensland. Queensland Government, May 1998, 78pp. Http://www.wpa.qld.gov.au/publications/p00090aa.pdf/Draft\_guidelines\_for\_the\_assessment\_managament\_of\_ contaminated\_land\_in\_Queensland.pdf

Groundwater Resources of Queensland – Queensland Department of Mines Series 4, 1:250,000 map

Groundwater Resources of Queensland - Department of Mines Series 4, 1:2,500,000, 1987 map

NEPC (1999). National Environment Protection (assessment of Site Contamination) Measure 1999, National Environment Protection Council, Canberra – http://www.ephc.gov.au/nepms/cs/con\_sites.html

Queensland Environmental Protection Act, 1994 http://www.legislation.qld.gov.au/LEGISLTN/CURRENT/E/EnvProtA94.pdf

Queensland Department of Mines (DoM) - Gladstone Sheet 9150, 1:100,000 Series map

Queensland Government - Baralaba Geological Sheet SG/55-4 1:2,500,000, 1966 map

Queensland Government - Monto, QLD Geological Series Sheet SG 56-1 1:250,000, 1962 - 64 map

Queensland Government - Rockhampton, QLD Geological Series Sheet SF 5613 1:250,000, 1962 map

Queensland Government - Roma Geological map Sheet SG/55-12 1:250,000, 1971 map

Queensland Government - Taroom Geological Sheet SG/55-8 1:250,000 map

USEPA 2008. PRG Tables- Residential Soil Supporting. Accessed online: http://www.epa.gov/region09/superfund/prg/pdf/ressoil\_sl\_table\_run\_12SEP2008.pdf



PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT
Figures







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	PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT
Appendix A	LNG Facility Certificates of Title



NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4938153 Search Date: 23/09/2008 09:55

Title Reference: 50736935 Date Created: 12/09/2008

Previous Title: 30350026

REGISTERED OWNER

Dealing No: 711066028 08/10/2007

CENTRAL QUEENSLAND PORTS AUTHORITY

#### ESTATE AND LAND

Estate in Fee Simple

LOT 2 SURVEY PLAN 207281 County of DEAS THOMPSON Parish of CURTIS Local Government: GLADSTONE

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. Rights and interests reserved to the Crown by Deed of Grant No. 10337113 (SEL 21)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - No

\*\* End of Historical Title Search \*\*

COPYRIGHT THE STATE OF QUEENSLAND (NATURAL RESOURCES AND WATER) [2008] Requested By: External Supervisor

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4938153 Search Date: 23/09/2008 09:55

**Title Reference: 30350026** Date Created: 11/07/1969

Previous Title: 30292062 30292063

This Title Has Been Fully Cancelled.

#### REGISTERED OWNER

Dealing No: 708308105 20/12/2004

CENTRAL QUEENSLAND PORTS AUTHORITY

CHANGE OF NAME NO 708308105 CENTRAL QUEENSLAND PORTS AUTHORITY Lodged at 14:27 on 20/12/2004

TRANSFER No 706189855 GLADSTONE PORT AUTHORITY Lodged at 11:22 on 11/12/2002

#### ESTATE AND LAND

Estate in Fee Simple

LOT 2 REGISTERED PLAN 602284 County of DEAS THOMPSON Parish of CURTIS Local Government: GLADSTONE

EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. SURVEY PLAN No 711066028
  subdivides the land into
  LOT 2 ON SP207281
  Lodged at 09:07 on 08/10/2007
- 2. RELEASE No 706189836 MORTGAGE: 601523276 (C666736B) Lodged at 11:20 on 11/12/2002
- 3. WITHDRAWAL No 706189820 CAVEAT: 704930582 Lodged at 11:19 on 11/12/2002
- 4. CAVEAT No 704930582 CANCELLED BY 706189820 THE GLADSTONE PORT AUTHORITY Lodged at 15:16 on 30/07/2001

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4938153 Search Date: 23/09/2008 09:55

Title Reference: 30350026 Date Created: 11/07/1969

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 5. RELEASE NO 700539565 of MORTGAGE: 601523277 (C666737D) Lodged at 10:32 on 07/03/1995
- 6. TRANSFER No 601523278 (C666738F) IN MORTGAGE NO C666737D TO ELFIC LIMITED Lodged at 00:00 on 22/02/1993
- 7. MORTGAGE No 601523277 (C666737D) CANCELLED BY 700539565 TO GIUSEPPE EMANUELE Lodged at 00:00 on 22/02/1993
- 8. MORTGAGE No 601523276 (C666736B) CANCELLED BY 706189836 TO NATIONAL AUSTRALIA BANK LIMITED Lodged at 00:00 on 22/02/1993
- 9. Rights and interests reserved to the Crown by Deed of Grant No. 10337113 (SEL 21)

#### ADMINISTRATIVE ADVICES

Dealing Type 706131425 SETTLMNT NTC UNREGISTERED DEALINGS - NIL Lodgement Date Status 20/11/2002 08:42 NOT CURRENT

#### CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

COPYRIGHT THE STATE OF QUEENSLAND (NATURAL RESOURCES AND WATER) [2008] Requested By: External Supervisor

30350026 V0 See ATS for Status Page 1 of 2 QUEENSLAN [CERTIFICATE OF TITLE] (C) VOL:C 350 FOLIO:026 Dealing No. C 261872 Register Book Reference to previous Volume | Folio  $_{\rm Vol}C350$   $_{\rm Folio}26$ 62, 63 292 CURTIS HOLDINGS PTY, LTD . \_ of an Estate in Fee-simple, subject nevertheless to such now seised encumbrances, liens, and interests as are by memorandum notified hereon, in All that piece of Land situated in the County Deas Thompson Parish of Curtis \_\_\_\_City\_of\_\_ of Containing six hundred and sixtyseven acres three roods more or less, as shown on the Plan hereon, and therein edged red, Being<u>Subdivision 2 of Selection 21 on Plan</u> Cat. No. 2284 Saving Always to the Crown all the rights and interests reserved to it by Deed of Grant No.\_\_\_37353 In Witness whereof, I have hereunto signed my name and affixed my seal, this <u>Eleventh</u> Will day of. Signed, Sealed, and Delivered in presence of PJ Conaway pf. Scale, 40 chains per inch. þ ntaz\_ 213 874 DEPUTY REGISTRAR OF TITLES Central District Registry 0 No. C 74RTNEESt Mensor BCIFIC 167\*27 ч Produced. D 0 Registered. n 6 0 Richey 
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 <th pacific Là. TRANSFER 18 DEC1978 Walton DEP. REGISTR No. C.2.76999 Bill of Mor EAK (Contral District) THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED Produced.. Registered ON REGISTERED PLAN NO. 602284 2 SEP 1985 . . . . Pastora DEPUTY REGISTRAR OF TITLES Valley Company Jureed inseppe Emanuele now selsed of an Estate in fee-simple in the within land. a 1972 at 3.0 fm Transfer No. 028449 Produced ..... now registered proprietory in fee simple TRANSFER No. 5ele 1989 Registered ..... al. PRODUCED . RECORDED 10 MAR 1989 B.a. metacho DEPUTY REGISTRAR OF TITLES , DEb BILL OF MORTGAGE No. C 284498 Bill of archerry No (56838 Waltons MAR 1989 CENTRAL Registered. and the alternation and the second states of

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Bass MILLIAM GRAVING COUN GRAVING CRAVING ONA MARK JON GRAVING RAS TEDRATE TO COMMON IN SPIEL HOUS TRANSFER No. 22 Feb 1993 25 FEB .993 ALC Josef DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT)

RECORDED N. Martin Property and BILL OF MORTGAGE to NATIONAL AUSTRALIA BANK LIMITED. NG6661368 PRODUCED 22 Feb 1993 REGISTERED 25 FEB : 1893 ARE daved DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT) THE REAL PROPERTY IN COMPANY BILL OF MORTGAGE TO GUSEPPE EMANUELE No 666 137 D PRODUCED 22 Feb 1993 25 FEB :993 ARRidgent REGISTERED ELFIC HMITED 

30292062 V0 See ATS for Status Page 1 of 2 UNDIVIDED MOIETY Certificate of Title. VOL:C 292 FOLID:062 QUEENSLAN (**C**) No. C. 49059 Reference to Previous Volume Folio 29262eaister Book. 2)+3 275 RICHARD NOBLE HAVES -pursuant to Memorandum of Conveyance No. C \_\_\_\_\_\_produced the\_\_\_\_produced the\_\_\_\_ tenth May \_19 62 \_day of \_\_\_\_ registered the twenty-second day of May 1962, is now seized of an Estate in Fee-simple, as tenant another ha 11 in in common with.... one \_\_\_\_ undivided\_\_\_\_ \_\_\_\_\_ort or share \_\_, subject nevertheless to such encumbrances, liens, and interests as are by memorandum notified hereon, in All that piece of Land situated in the County of Deas Thompson Parish of Curtis -containing <u>Six hundred</u> and sixty-seven acres three roods more or less, as shown on the Plan hereon, and therein edged red, Subdivision 2 of Selection 21 Being 2284 on Plan Cat. No. \_ deposited in the Office of the Deputy Registrar of Titles, Rockhampton, which said piece of Land is wart of the Selection marked 21 \_\_delineated in the Public Map of the said\_<u>Parish</u>\_\_\_\_\_\_deposited in the Office of the Surveyor-General, originally granted by Deed of Grant 37353 No. Saving Always to the Crown all the rights and interests reserved to it by the said Deed of Grant. this In Witness whereof, I have hereunto signed my name and affixed my seal, this.... \_\_One thousand nine hundred and \_\_\_\_\_\_\_\_\_\_ 302 Signed, Scaled, and Belivered, the\_\_\_ May Parish of Curtis DEPUTY REGISTRAR OF TITLES, Central District Registry. 2 No. C-2/35/25Bill of Mortgage produced 101 21 19.62 at The English Scottis Limited to secure the receivment referred to PACIFIC Scale, 40 chains per inch REGISTRAR OF TITLES The State of Queensland (Department of Natural Resources and Water) 2008

No. C. 2. 19930 Bill of Wortgage ২ Produced. Registered. Transfer of the whole of the land to ings roduced 1968 19.69 at 10 -45 gistered .... 621 'sf8( Cancelled vide 1 Vol. 3500 Fol. 26 DEP, REGISTRAR OF TITLES (CENTRAL DISTRICT) FULLY CANCELLED 3

30292063 V0 See ATS for Status Page 1 of 2 UNDIVIDED MOIETY Certificate of Title. VOL: C 292 FOLIO: 263 QUEENSLAN (**C**) No. C. 49060 Reference to Previous Volume Folio 29263 gister Book, Vo 275 243 JOHN PATRICK BAIRD -pursuant to Memorandum of Conveyance No. C \_\_\_\_\_\_\_ \_\_\_produced the \_\_\_\_\_day of \_\_\_\_\_ May 1952 registered the <u>twentysecond</u> day of <u>May</u> \_\_\_1962 , is now seized of an Estate in Fee-simple, as tenant in common with another in. one\_\_\_\_undivided\_\_\_\_half\_\_ Dart or share , subject nevertheless to such encumbrances, liens, and interests as are by memorandum notified hereon, in All that plece of Land situated in the County of Deas Thompson \_\_\_\_Parish of <u>Curtis</u> \_\_\_\_\_containing \_\_\_\_\_Six hundred and sixty-seven acres three roods more or less, as shown on the Plan hereon, and therein edged red, Subdivision 2 of Selection 21 Being. deposited in the Office of the Deputy Registrar of Titles, Rockhampton, 2284 on Plan Cat. No. which said piece of Land is <u>part</u> of the <u>Selection</u> marked <u>21</u> \_\_\_\_\_delineated in the Public Map of the said <u>Parish</u> deposited in the Office of the Surveyor-General, originally granted by Deed of Grant No. 37353 Saving Always to the Crown all the rights and interests reserved to it by the said Deed of Grant, In Witness whereof, I have hereunto signed my name and affixed my seal, this. This this \_\_\_One thousand nine hundred and \_\_\_\_\_\_ dav of 306 Signed, Scaled, and Schivered, the\_ day of <u>Mav</u> 1962, in oreser of Curtis Parish 90°4 DEPUTY REGISTRAR OF TITLES, 6802.8 Central District Registry. 2 21 9 167°2; 1039 No. C 213575 Bill of Mortgage pro 19.62 at. registered niênd The English Scottisk ang to secure the repayme PACIFIC Scale, 40 chains per inch. DEP. REGISTRAR OF T ICENTRAL DISTRICT © The State of Queensland (Department of Natural Resources and Water) 2008

Tran 22 1962 at /o-45 m. Registere sto Cancelled vide Vol.35 DEP.

# FULLY CANCELLED

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leig lutleister 76. 2 (C)Nº 40741 NT5 role 243 Book Vol. CERTIFICATE OF TIT amuel Cuvar champton laar pursuant to Memorandum of Conveyance No. 402 052 registered the Junty ught day of of an Estate in Fee Simple, subject nevertheless to such A.D. 187 0, 10 now seized rances, liens, and interests, as are by memorandum notified hereon, in 311 that piece of Land situated in the Parish of Moch hampton County of fundam and minutes one by ante a horodite creek a t a tam ommencing the mulhi cast connert of rohn. INCL <u>Mae</u> Nathi inneg ngith si bu d past Matout upua douthe we couter unitar - Of Commenterner which said piece of land is the unor of the pation delineated in the Public Map of the said\_ marked / G/ deposited in the Office of the Surveyor-General, originally granted the the deposited in the surveyor deposited in the survey deposited in t under the Seal of the Colony of \_\_\_\_\_Deed of Grant, No. 2 by\_ Blackall Orginie Nona Minster and the Hand of *Janu* 4th looan Governor of the said Colony, to 6/14  $M^{(1)}$  IN WITNESS whereof, I have hereinto signed my name and affixed my seal this <u>Grant</u> day of <u>Sum</u> Signed, sealed, and delibered, the MinAlwaa 1 Juli you Dolla Paristo of Rockhartyplow 190 Scale 20. chains per inch

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# HISTORICAL STATE TENURE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4937958 Search Date: 23/09/2008 09:46

Title Reference: 17653063 Date Created: 21/10/1995

#### REGISTERED LESSEE

Interest

1/3

1/3

1/3

ROSS WILLIAM GRAVING COLIN GRANT GRAVING MARK JON GRAVING

#### AS TENANTS IN COMMON

#### CONDITIONS

M175 Subject to the condition of Occupation as defined by the Land Act.

M177 The lessee shall carry out and perform all the conditions to which the former selection was subject.

#### ENCUMBRANCES

1. MORTGAGE No 602802016 (L383062R) NATIONAL AUSTRALIA BANK LIMITED Lodged at 00:00 on 22/02/1993

#### ADMINISTRATIVE ADVICES

 Dealing
 Type
 Lodgement Date
 Status

 711926804
 NOTC INT RES
 17/09/2008 10:16 CURRENT

 ACQUISITION OF LAND ACT 1967

 UNREGISTERED DEALINGS - NIL

#### ORIGINAL LEASE IN EXISTENCE - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical State Tenure Search \*\*

Information provided under section 34 Land Title Act(1994)

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# HISTORICAL STATE TENURE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4937958 Search Date: 23/09/2008 09:46

Title Reference: 17653063 Date Created: 21/10/1995

#### DESCRIPTION OF LAND

Tenure Reference: GHPL 19/2784

$\mathbf{LOT}$	7	CROWN PLAN DS220			
		County of DEAS THOMPSON	Parish	of	CURTIS
		Local Government: GLADSTONE			
LOT	10	CROWN PLAN DS220			
		County of DEAS THOMPSON	Parish	of	CURTIS
		Local Government: GLADSTONE			
LOT	11	CROWN PLAN DS220			
		County of DEAS THOMPSON	Parish	of	CURTIS
		Local Government: GLADSTONE			
LOT	12	CROWN PLAN DS220			
		County of DEAS THOMPSON	Parish	of	CURTIS
		Local Government: GLADSTONE			
LOT	13	CROWN PLAN DS220			
		County of DEAS THOMPSON	Parish	of	CURTIS
		Local Government: GLADSTONE			
LOT	27	CROWN PLAN DS220			
		County of DEAS THOMPSON	Parish	of	CURTIS
		Local Government: GLADSTONE			
LOT	28	CROWN PLAN DS220			
		County of DEAS THOMPSON	Parish	of	CURTIS
		Local Government: GLADSTONE			

Area: 2491.650000 Ha. (SURVEYED)

No Land Description

No Forestry Entitlement Area

Purpose for which granted: NO PURPOSE DEFINED

#### TERM OF LEASE

Day of beginning of lease

Lease in perpetuity commencing on 01/04/1983

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	Division IV, Part VI			Graz	ing Homestead	12784
	(Ownership of the timber remains with the Crown)	01	0.005	rerp	etual Lease N	9
				GLA	DSTONE	District.
	VOL: \$ 7653 FOL: 63				•	
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		nder the l	and Act 19	62-1983		
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	Auzaveni nie Zernun, e	lerritories, Head	of the Commonwes	itth:		
			Burney and a sharl a	ama Breet	ina.	
	Eo All to	i whom these	presents shart r	ome, Gitti	<u>.</u> .	
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	Horoza		JACK RICHEY			
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	made application on or about t	the Seventeenth	three under	of Februar; and in accord	y Jance with the	provisions
	made application on or about t year one thousand nine hundre of Division IV of Part VI of t	the Seventeenth d and eighty-t the Land Act 1962	three under -1983(hereinafter ref	ofFebruar; and in accord erred to as "th	y lance with the e said Act") w	provisions ith respect
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	made application on or about to year one thousand nine hundred of Division IV of Part VI of to to the land held (or lately held situated in the abovenamed Dist hereupon became entitled to a Perpetual Lease at the yearly re- privileges, terms, conditions, pro- hereinafter contained: Now KNG of the payment of the rent paya of Occupation as defines 	the Seventeenth d and eighty-f the Land Act 1962 i) by him trict: AND WHER Lease in Perpetuity ent hereinafter men ovisions, exceptions, ow YE, that in cons able under the said d by the said A ursuance of the said d by the said A ursuance of the said ith his Su l of Land describe is lawful Assi e hundred and eight ed, and with, under, ns, reservations and nd the Petroleum foresaid Acts or an	day three under -1983 (hereinafter ref as Grazing Fau EAS the said <u>K RICHEY</u> of the whole or part tioned, and with, un restrictions, reservat ideration of the prem Act for the said land act I Act, Do HEREBY, for JACK RICHEY ccessors in title desig d in the Schedule en igns, IN PERPETUITY chty-three with, and subject to the rig provisoes contained Act 1923-1983, or ny of them: YIELDIN DU	of Februar; and in accorr erred to as "th m 	Ance with the e said Act") w No. 2784 as a Grazing I as a Grazing I tot to the right soes in the said rent hereby reserve act. to the right soes in the said rent hereby reserve act. to the reserve see "), and se presents, To t day of Apri ubject to the re- ivileges, terms, of in and by the ns made or w unto Us, Our	in the provisions ith respect it respect it respect it. Homestead s, powers, if Act, and served and condition rs, Demise his

exce.

Successors, on or before the thirty-first day of March in each and every year, such yearly rent or sum as determined or prescribed subject to the provisions of the said Act 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 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 "Mineral" to have the same meaning as in the Mining Act 1968-1983), on \_\_\_\_\_\_ 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 Act 1923-1983), 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 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.

PROVIDED NEVERTHELESS and these presents are upon the express conditions that the lessee shall carry out and perform all the conditions to which the former selection was subject.

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 Commodore Sir JAMES MAXWELL RAMSAY, Knight Commander of the Most Distinguished Order of Saint Michael and Saint George, Knight Commander of the Royal Victorian Order, Commander of the Most Excellent Order of the British Empire, upon whom has been conferred the Decoration of the Distinguished Service Cross, and Commodore in the Royal Australian Navy (Retired), 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 fifth day of July, in the

thirty-second year of Our Reign and in the year of Our Lord One

thousand nine hundred and eighty-three.

James Kan

7653-63 SCHEDULE , . . 34 . St . 5 784 Gladstone District Register No. of Lease. . .... <u>э</u>..... ÷J Parish Curtis Thompson County....D Portion Seven, Ten, Eleven, Twelve, Thirteen, Twenty-seven and Twenty-eight . . . . : ' ъ., Plan of Survey Cat. No. Ds. 220 Area 2491.65 hectares *8*. . . . . . ..... Creek Graham 0 12 13 \$3.122 28 CURTIS 0 27 7 10 N PORT (1515-117 270°04 - 270c - 96 6 2 POR.6 RP. 2284 80 6 POR. 21 1303.629 A 13700' (575.743 Ck) 27 0 ° 0 359058! 58-982 Calc. 0 129-11 Calc. (149-206 Ck) B 31700' + .POR.9 00 0' CURTIS . TOTAL LEASE AREA 2491.65 ha ex Rds & Esp. Scale <del>1 cumuna</del> Plan No. Ds. 22.0

Transfers, Mortgages, Etc., Registered. IN terms or Regulation 41A (1) of 12. the Land Regulations, the description of the Land comprised in the within lease is amended to lot 3.911, on plan egistrar of Dealwags TRANSFER of the Lessee's Interest in the within-described holding to GIUSEPPE EMANUELE: Registered: 17 OCT 1989 Registrar of Detitings Mortgage No. 219719 PROPERTIES PTX LTD tn erein set forth. SACUTINON PEC Registerso \$ Registrar of Dealings 17 001 **G**\$\$\$0 oss William Colin MASS Graving Grant Graving and T interests. in common in equal ATC ... now the soufstered lessees of the withindescribed holding. 13830G/P TRANSFER No. 5 MAR 1993 PRODUCED x REGISTERED 3 SEP 1893 REGISTRAR OF TITLES Memorpadum of Montgage to Matis Australia Bank Lim No. 13830628 22 FEB 1993 PRODUCED REGISTERED 3 SEP 1993 REGISTRAR OF TITLES Memorandum of Mor Emans 38 PRODUCED REGISTRARO З SEP REGISTER Limited THANSFER NO. 439905 TRANSFER NO. .... PRODUCED . REGISTERED 385EP 1993 OF TITLES REGISTRAN Section States

1 C. Stanter, Q.1

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4938041 Search Date: 23/09/2008 09:50

**Title Reference: 30350025** Date Created: 11/07/1969

Previous Title: 30292060 30292061

#### REGISTERED OWNER

Dealing No: 710863727 01/08/2007

SANTOS (CSG) PTY LTD A.C.N. 121 188 654

CORRECTION OF OWNER DETAILS No 710913282 from SANTOS (CGS) PTY LTD A.C.N. 121 188 654 to SANTOS (CSG) PTY LTD A.C.N. 121 188 654 Lodged at 10:52 on 20/08/2007

TRANSFER No 710863727 SANTOS (CGS) PTY LTD A.C.N. 121 188 654 Lodged at 15:39 on 01/08/2007

CHANGE OF NAME No 708308105 CENTRAL QUEENSLAND PORTS AUTHORITY Lodged at 14:27 on 20/12/2004

TRANSFER No 706189855 GLADSTONE PORT AUTHORITY Lodged at 11:22 on 11/12/2002

#### ESTATE AND LAND

Estate in Fee Simple

LOT 9 CROWN PLAN DS220 County of DEAS THOMPSON Parish of CURTIS Local Government: GLADSTONE

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. CAVEAT No 710960174 CENTRAL QUEENSLAND PORTS AUTHORITY A.B.N. 96 263 788 242 Lodged at 14:57 on 03/09/2007
- 2. RELEASE No 706189836 MORTGAGE: 601523276 (C666736B) Lodged at 11:20 on 11/12/2002

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4938041 Search Date: 23/09/2008 09:50

**Title Reference: 30350025** Date Created: 11/07/1969

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 3. WITHDRAWAL No 706189820 CAVEAT: 704930582 Lodged at 11:19 on 11/12/2002
- 4. CAVEAT No 704930582 CANCELLED BY 706189820 THE GLADSTONE PORT AUTHORITY Lodged at 15:16 on 30/07/2001
- 5. RELEASE No 700539565 of MORTGAGE: 601523277 (C666737D) Lodged at 10:32 on 07/03/1995
- 6. TRANSFER No 601523278 (C666738F) IN MORTGAGE NO C666737D TO ELFIC LIMITED Lodged at 00:00 on 22/02/1993
- 7. MORTGAGE No 601523277 (C666737D) CANCELLED BY 700539565 TO GIUSEPPE EMANUELE Lodged at 00:00 on 22/02/1993
- 8. MORTGAGE No 601523276 (C666736B) CANCELLED BY 706189836 TO NATIONAL AUSTRALIA BANK LIMITED Lodged at 00:00 on 22/02/1993
- 9. Rights and interests reserved to the Crown by Deed of Grant No. 30062200 (POR 9)

#### ADMINISTRATIVE ADVICES

 Dealing
 Type
 Lodgement
 Date
 Status

 706131425
 SETTLMNT NTC
 20/11/2002
 08:42
 NOT
 CURRENT

 710838416
 SETTLMNT NTC
 24/07/2007
 12:10
 NOT
 CURRENT

 UNREGISTERED
 DEALINGS
 NIL
 NIL
 NIL
 NIL

#### CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

COPYRIGHT THE STATE OF QUEENSLAND (NATURAL RESOURCES AND WATER) [2008] Requested By: External Supervisor

30350025 V0 See ATS for Status Page 1 of 2 QUEENSLAN (C)CERTIFICATE OF TITLE VOL:C 350 FOLIO:025 Dealing No. C261872 Register Book Reference to previous Volume | Folio  $V_{ol}$  C 350 Folio 25 292 60, 61 CURTIS HOLDINGS PTY. LTD. iġ \_of an Estate in Fee-simple, subject nevertheless to such now seised. encumbrances, liens, and interests as are by memorandum notified hereon, in All that piece of Land situated in the County · Deas Thompson Parish of Curtis \_\_\_\_City of \_ of. Containing one hundred and ninetyeight acres one rood more or less, as shown on the Plan hereon, and therein edged red, Being Portion 9 01639 Saving Always to the Crown all the rights and interests reserved to it by Deed of Grant No. Eleven In Witness whereof, I have hereunto signed my name and affixed my seal, this\_\_\_ \_\_\_\_One thousand nine hundred and \_\_\_\_\_sixtynine July day of\_ Signed, Sealed, and Delivered in presence of PH Lowaway Ň Scale, 20 cháins per inch. . 7 2181 6380.3 DEPUTY REGISTRAR OF TITLES Central District Registry D CA09 PAR an the EIM 1 198.1.0 Registered. Pacific Ocean AR OF Riche No. c 276 999 Bill of Morto TRANSFER No. C. 37446142 PRODUCED // 2004 at 162 / 2005 nr. REGD. 18 DEC 1978 Waltons 1978 Produced... lor . Registered. DEP. REGISTRAR C THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED TO LOT(ST Valley ON RECIPIERED PLAN No. DS2 now selsed of an Estate in fee-simple in the within kind. 1 9 MAY 1986 🛷 1972 - 3.0pm Transfer No. c284497 Produced 630 Registered 3 May 19. 12. DEP. REGISTRAR OF TITLES Emanuele. LIMDEPDR. OF TITLES DEP. REGISTRAR ow registered proprietors in fee simple CS68-386-H TRANSFER No. 21 Feir 198 No. C 284498 Bill of PRODUCED . 3655 RECORDED 10 MAR 1989 B.A. metachon Jia arto DEPUTY REGISTRAR OF TH BILL OF MORIGAGE IO Registered. No. C56838 an spinner 10 MAR 1988 - 134 161 (3746 12 REGISTERED DEPUT DEPU CENTRAL DISTRICT) arrent of the association of the second of t

Ross NULLIAM GRAVING, COLIN GRAVI GRAVING and MARY JON GRAVING as tenans in common in equal shares TRANSFER No. <u>6655135×</u> PRODUCED <u>22. Feb 1993</u> PRODUCED ... 25 FEB 1993 HALLAGEN CONTRACT TILES RECORDED · · · · . · BILL OF MORTGAGE to NATIONAL AUSTRALIA BANK LIMITED. NoC666136B PRODUCED 22 Feb 1993 REGISTERED 25 FEB :393 Alledored DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT) BILL OF MORTGAGE to GUSEPPE EMANVEL No. C666131D PRODUCED 22 Feb 1993 25 FEB . 193 Alledgered REGISTERED DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT) ELFIC LIMITED Ares Montarger, under Wilfrage, No. C. 5555.73.7.10 TRANSFER OF MERTENDE NO. C. 5556.73.8.F. PRODUCED REGISTERED 25 FEB 1993 Allehad MA 25 FEB 1993 CHILLING CONTINUES DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT)



No. 0000	QUEENSLAND
County Lewingstone	austices and an and a second and
Parish Cont	A. LAND PURCHASE.
Dato of 1 2 = September.	1875.
Purchase j	VECTORIA, by the Cruce of Sod, of the Antico Mingdom of Great Britain and Freland, Queen, Delender of and so forth :
Area <u>1800 Wertes</u>	TO ALL to whom these Presents shall come, Screeting :
Warmania	
WHEREAS, in conformity w	ith the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland,
WHEREAS, in conformity w William Archer	ith the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland,
WHEREAS, in conformity w William Archen has become the Purchaser of	rith the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland,
WHEREAS, in conformity w <i>Hulliam Archer</i> has become the Purchaser of Flow Finan He, That for and in	ith the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland,
WHEREAS, in conformity w <i>Hullianv Archer</i> has become the Purchaser of Roit Ynew ge, That for and in said Territory, before these Press-	ith the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland,
WHEREAS, in conformity w Muliam Archert had become the Purchaser of Join Jinsu Be, That for and in said Territory, before these Press Excentive Council of Queenslar	ith the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland,
WHEREAS, in conformity w Milliam Archert had become the Purchaser of How Ensur &, That for and in said Territory, before these Press Executive Council of Queenslar William Archer	ith the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland,
WHEREAS, in conformity w Milliam Archen had become the Purchaser o Joir Jinaw Be, That for and in said Territory, before these Press- Executive Council of Queenslar Milliam Archer respective Reservations herein Man Archard and	of f the Land hereinafter described, for the Sale of Crown Lands in Our Territory of Queensland, f the Land hereinafter described, for the Sum of <i>fotur hundred and bevenly for</i> consideration of the said Sum, for and on Our behalf well and truly paid into the Colonial Treasury cats are issued, And in further consideration of the Quit-Rent hereinafter reserved, We, with the advice add, have granted, and for Us, Our Hoirs and Successors, do hereby Grant unto the said hereinafter mentioned, All that Piece or Parcel of Land in Our said Territory, containing by Admense hum Mathed (Landre)

10292060 V0 See ATS for Status Page 1 of 2

mer of portion 26 and bounded thence on the Southwest by lines bearing 32.3 degrees sixty chains and 343 degrees 30 minutes sich three chains on the north by a line bearing east one hundred and sighty beven chains and beven links on the east by a line bearing bouth one hundred and eight chains and thirty two links and on the south by portion 26 bearing west . wne hundred and thirty three chains and seven links to the point of commencement-Being the land furchased under the 1 " Section of "The Gracemure Pre-emplice act of 1875"

Te Hold unto the said William archer with all the Rights and Appurtenances whatsoever thereto belonging :

(#4) //

had Heirs and Assigns for ever, Yielding and paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for ever, if demanded : Brevided Herritheless, and We do hereby Reserve unto Us, Our Heirs and Successors, all such parts and so much of the said Land as may hereafter be required for making Public Ways, Canals, or Railroads, in, over, and through the same, to be set out by Our Governor for the time being of Our said Territory, or some person by him authorised in that respect; And also all Sand, Clay, Stone, Gravel, and Indigenous Timber, and all other Materials, the natural produce of the said Land, which may be required at any time or times hereafter for the construction and repair of any Public Ways, Bridges, Canals, and Railroads, or any Fences, Embankments, Dams, Sewers, or Druins, necessary for the same, together with the right of taking and removing all such Materials; And We do hereby further Reserve unto Us, Our Heirs and Successors, the right of full and free ingress, egress, and regress, into, out of, and upon the said Land, for the several purposes aforesaid : In Firstimonn Wilhereof We have caused this Our Grant to be Sealed with the Seal of Our said Territory.

> The Convertile Low mannee Charles Cormell administrator of the Government Conventional in contraction or the Estation of the Most Destingation of the Most Destingation of the Mindeed and Convent metallingation (Mills) of the Colony of QUEXISLAND and its Dependencies, at Covernment House, Brisbane, ND aforeaid, this Internet Stock day of Internet in the Forteeth Reign, and in the year of our Lord One thousand eight hundred and scienty. Since AND aforesaid, this

VOL: S 292 FOL

h. C. Flows

ENTERED in the Register Book day of april

53.9.78-7

2

292, Folio 60

, this Fourth Peninkansa REGISTRAR-DENERAL.

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# Scale 40 chains to I inch

1

10292061 V1 See ATS for Status Page 1 of 4

No. 330:51 320 acres

# A. LAND PURCHASE.

**QUEENSLAND** 

TO ALL to whom these Presents shall come, Greeting :---

William Henry Couldery \_\_\_\_\_\_\_ his Heirs and Assigns, subject to the several and respective Reservations hereinafter mentioned, All that Piece or Parcel of Land in Our said Territory, containing by Admeasurement Three hundred and wenty area \_\_\_\_\_\_\_ be the same more or less, situated in the County of mard \_\_\_\_\_\_\_ and Parish of albert \_\_\_\_\_\_\_

Portion 2, bomming on the right bank of the Logan river at the northwest corner of portion one and bounded thence on the east by part of the west boundary line of that furtion bearing south twenty chains on the south by a line bearing west sixly three chains on the west by a line bearing north sixly chains on the north by a line bearing east thirty four chains and fifty links to the Logan river and on the north east by that river downwards to the point of common common. Being the land purchased under the 66 the bection of the brown Lands alienation act of 1865

To gold unto the said William Henry Couldery \_\_\_\_\_

Yielding and paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for ever, if demanded: Brouided Herefheiess, and We do hereby Reserve unto Us, Our Heirs and Successors, all such parts and so much of the said Land as may hereafter be required for making Public Ways, Canals, or Railroads, in, over, and through the same, to be set out by Our Governor for the time being of Our said Territory, or some person by him authorised in that respect; And also all Sand, Clay, Stone, Gravel, and Indigenous Timber, and all other Materials, the natural produce of the said Land, which may be required at any time or times hereafter for the construction and repair of any Public Ways, Bridges, Canals, and Railroads, or any Fences, Embankments, Dams, Sewers, or Drains, necessary for the same, together with the right of taking and removing all such Materials; And We do hereby further Reserve unto Us, Our Heirs and Successors, the right of full and free ingress, egress, and regress, into, out of, and upon the said Land, for the several purposes aforesaid : In Jestimann Witheref We have caused this Our Grant to be Sealed with the Seal of Our said Territory.

292 , Folio 61

Skellonorable Sie Maurice Charles Obonnell administrator of the Government WITNESS, Our Trusty and well beloced the government Granes Engine Comparison of the Deliver to the Deliver to the

Ess, our areasy and very our out of the change in the order of the Codeny of QuerkSLAND and its Dependencies, at Covernment House, Bribbane, in QuerkSLAND aforesaid, this Warnhy Swath, day of Match in the Fortueth year of Our Reign, and in the year of our Lord One thensand eight kundred and seventy- Seven

h. C. Flowner.



, in Fourth Minpetusa

day of April

ENTERED in the Register Book

53-2-76-7.

Och. REDISTRAR-ORNEDAL

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of Mortgage produced 17 Hounder! No. 64009 8 TRANSMISSION BY DEATH In ognsequence of the qAU. death of the above named AURAMMAN Couldery Sumber \$19 from 2 Juissland 60.18 ALC . 1.912 an estate in fee simple in the within ame transmitted to William Henry Coulder Sal sim secured pasable and demand Reginald Hall bouldery and Vill al/Juindo Barlton Couldery . as de Access in trust with pa annum) sale as appears by Probate Copy of Will and documentary gr Prenarios 28 May 1 q1 Sat O. Hbam. Entered 4 at ARISH OF Mo unjul Subject to Right of Way Dep Reglyen e Nín Real Falls - According - A Dep. Registrar of DECESSION hanomitain Release on handmits POIN HCouldery No. 402764 RECORD OF DEATH of\_ ldery 19.19 as appears by pertitioate of death and declaration of stity 320.0 Produced 1 Now 1919 at 3. June 19 Dep. Registrar of Titles ĠIO No. 802494 Appointment of New Trustees. By an Indonture under the provisions of "The Trustes Tadd Executors Act of 1897" produced 11 Mar 1921 at 12:17. 10. m., registered Thereiz 21 Amy Floring bouldery and tolith Georgina decised to be Trustees in the place of Williams. Scale 20 chains to Henry Couldry deceased not the within land is now vested in Regimeld 30 out of an and comer storence & bouldery Victors Carlton Couldery and Schuberg Juqmorandum. increasing for Public BY LETTER jean giv une a culdery, his will in the will a Lands dated 20 October 10.3 happears that a susannah Bouldery right of way, is shoun on plan it survey certified Dep. Registres of Vities is the second second to by the Same nd 31 pensielus -Call congrat the following port of office, has been see the within fana, viz.: 1.192. Sat. auaa NGULLOS TEANS Seale to chains per inches uly 1922 and of Contailed a storve vig Þ 284012 Real Property Transfer Color, Muyled Brisbane, 2 to Nov? 3. REGISTRAR OF TITLES. 19/11/90 -Свр. Reg. Gen. No A169443 TRANSFER of 165 acs 3nds 16 pets Real a and an and a second secon and 3 of sub 1 Helene Auguste Alexbert NEW TITLE No. 193010 15 apr. 1932 at 3" 47 presistered Cancelled as above vide Vol PURSUANT to Memo of TRANSFER No. 2824012 Produced 2.23 159 4at 3.21 bus Regde 7 Die 1894 Š. Coulder sound REBISTRAR OF TITLES. Albquette TRANSFER of TRace 3nds 32 pers 1 Hermann August SIMPLE in the WHOLE of the within land, to Hight of Wa 15 Apr. 1932 at 342 pm registered ancelled as above vide Vol. - 1954 Fol 17011 Chi Hogistrar of Titles SAREGISTRAR OF TITLES.

Annexed to: 19 3305 Nol, 392 Feb 64 this 200 19 53 for the purpose of recording memorials. day of TILES 2/038 REGISTRAR OF TITLES By Proclamation dated the 12 Sep 1963, under the provisions of "The Public Works Land Resumption Acts, 1906 to 19.55," and Aub 2 of the within land is resumed and is vested in *The Crown* for <u>Aoad</u> urposes. Produced <u>III Oct 1963</u> at <u>21 Hp</u> m. Registered <u>19</u> Mov 1963 No. 25386/ Rommin Υ. ł 57.55 S.5.5 REGISTRAR OF TITLES FL 9-1-34 11 7-0-23 165-3-16 165-3-32 787-3-05 FULLY CANCELLED ļ S . a

	PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT
Appendix B	LNG Facility EMR and CLR Register Search

## **QLD ENVIRONMENTAL PROTECTION AGENCY**

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

Transaction ID:1079616EMR Site Id:23 September 2008This response relates to a search request received for the site:Lot: 10Plan: DS220

## **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

Note: Searches maybe conducted online through the State Government Website www.smartservice.qld.gov.au or Citec Confirm www.confirm.com.au.

If you have any queries in relation to this search please phone (07) 3227 7370.

Lindi Bowen Registrar, Contaminated Land Unit

	PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT
	Gas Transmission Pipeline EMR and CLR
Appendix C	Register Searches



### **QLD ENVIRONMENTAL PROTECTION AGENCY**

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

Transaction ID:1064877EMR Site Id:17 July 2008This response relates to a search request received for the site:17 July 2008Lot: 4Plan: WT217

## **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**

Note: Searches maybe conducted online through the State Government Website www.smartservice.qld.gov.au or Citec Confirm www.confirm.com.au.

If you have any queries in relation to this search please phone (07) 3227 7370.

Lindi Bowen Registrar, Contaminated Land Unit



PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT	
Gas Transmission Pipeline Certificates of Title	Appendix D



# HISTORICAL STATE TENURE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 17648032 Date Created: 21/10/1995

#### DESCRIPTION OF LAND

Tenure Reference: GHPL 36/7310

LOT 4 CROWN PLAN WT217 County of WESTGROVE Parish of BEILBA Local Government: ROMA

Area: 4056.273000 Ha. (SURVEYED)

No Land Description

No Forestry Entitlement Area

Purpose for which granted: NO PURPOSE DEFINED

#### TERM OF LEASE

Day of beginning of lease

Lease in perpetuity commencing on 01/04/1980

#### REGISTERED LESSEE

DENIS LLOYD WARD

#### CONDITIONS

M175 Subject to the condition of Occupation as defined by the Land Act.

M177 The lessee shall carry out and perform all the conditions to which the former selection was subject.

#### ENCUMBRANCES

Page 1/4

# CURRENT TITLE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 30426224 Date Created: 31/03/1976

REGISTERED OWNER

KABJARA PTY LIMITED

ESTATE AND LAND

Estate in Fee Simple

LOT 7 CROWN PLAN CUE37 County of CONSUELO Parish of PURBROOK Local Government: CENTRAL HIGHLANDS

For exclusions refer to Plan CP CUE37

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. Rights and interests reserved to the Crown by Deed of Grant No. 30426224 (POR 7)
- 2. BILL OF ENCUMBRANCE No 601577608 (C440627) 06/08/1982 TO JOHN KIRK
- 3. EASEMENT No 601577609 (C597883R) 25/06/1990 BURDENING THE LAND TO THE SECRETARY FOR MINES OVER EASEMENT A ON RP620959
- 4. TRANSFER No 701646820 08/11/1996 at 15:56
  of
  EASEMENT: 601577609 (C597883R)
  to
  PGT AUSTRALIA PTY LIMITED A.C.N. 072 948 451
- 5. TRANSFER No 703461126 19/07/1999 at 10:42 EASEMENT: 601577609 (C597883R) DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 TENANT IN COMMON 1/4
- 6. CHANGE OF NAME NO 710148968 01/12/2006 at 13:06 EASEMENT: 601577609 (C597883R) DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
# **CURRENT TITLE SEARCH**

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

**Title Reference: 30426224** Date Created: 31/03/1976

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

7. CHANGE OF NAME No 710149010 01/12/2006 at 13:13 EASEMENT: 601577609 (C597883R) ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4

ADMINISTRATIVE ADVICES
Dealing Type Lodgement Date Status
711270695 VEG NOTICE 13/12/2007 13:48 CURRENT
VEGETATION MANAGEMENT ACT 1999
UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - Yes

Certificate No. 1

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current Title Search \*\*

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

**Title Reference: 30426224** Date Created: 31/03/1976

REGISTERED OWNER

KABJARA PTY LIMITED

#### ESTATE AND LAND

Estate in Fee Simple

LOT 7 CROWN PLAN CUE37 County of CONSUELO Parish of PURBROOK Local Government: CENTRAL HIGHLANDS

For exclusions refer to Plan CP CUE37

- 1. CHANGE OF NAME NO 710149010 EASEMENT: 601577609 (C597883R) ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 13:13 on 01/12/2006
- 2. CHANGE OF NAME NO 710148968 EASEMENT: 601577609 (C597883R) DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 13:06 on 01/12/2006
- 3. TRANSFER No 703461126 EASEMENT: 601577609 (C597883R) DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 10:42 on 19/07/1999
- 4. RELEASE No 703460795 MORTGAGE: 701658655 Lodged at 09:49 on 19/07/1999
- 5. MORTGAGE No 701658655 CANCELLED BY 703460795 to BA AUSTRALIA LIMITED A.C.N. 004 617 341 over EASEMENT: 601577609 (C597883R) Lodged at 15:19 on 14/11/1996

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 30426224 Date Created: 31/03/1976

EASEMENTS, ENCUMBRANCES AND INTERESTS

- 6. TRANSFER No 701646820
   of
   EASEMENT: 601577609 (C597883R)
   to
   PGT AUSTRALIA PTY LIMITED A.C.N. 072 948 451
   Lodged at 15:56 on 08/11/1996
- 7. EASEMENT No 601577609 (C597883R) BURDENING THE LAND TO THE SECRETARY FOR MINES OVER EASEMENT A ON RP620959 Lodged at 00:00 on 25/06/1990
- 8. BILL OF ENCUMBRANCE No 601577608 (C440627) TO JOHN KIRK Lodged at 00:00 on 06/08/1982
- 9. Rights and interests reserved to the Crown by Deed of Grant No. 30426224 (POR 7)

#### ADMINISTRATIVE ADVICES

 Dealing
 Type
 Lodgement Date
 Status

 711270695
 VEG NOTICE
 13/12/2007
 13:48
 CURRENT

 VEGETATION
 MANAGEMENT ACT
 1999
 UNREGISTERED
 DEALINGS
 - NIL

CERTIFICATE OF TITLE ISSUED - Yes

Certificate No. 1

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

Ċ	VOL:C 428 FOLIO:224					
	275.322 30426224					
	QUEENSLAND					
	Deed of Grant of Land					
	Land Act 1962-1975					
	Acquired by					
	Elizabeth the Second, by the Grace of God, Queen of Australia, and Per other Realms and Territories, Pead of the Commonwealth:-					
	To all to whom these Presents shall come, Greeting:					
	CULPETERS in conformity with the Laws and Regulations in force for the alienation of Crown Land in our State of Queensland, JOHN KIRK					
	ha 5 become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described:					
	NOW KNOW YE, in consideration of the premises and of the sum of FORTY-NINE THOUSAND FIVE HUNDRED DOLLARS					
	for Us, and on Our behalf, paid into the Office in Brisbane of the Department of Lands or at any District Land Office of Our said State, and in lurther consideration of the Quit-Rent hereinafter reserved, WE, with the advice of The Executive Council of Our said State, have granted, and for Us, Our Heirs and Successors, do hereby Grant unto the said					
	JOHN KIRK, his Administrators					
	and Assigns, subject to the Reservations hereinafter mentioned,					
	AN That Parcel of Land in our State combining by administration of 1 247.602 HECTARES					
	the face of Labo in our sine, containing by admeasurement be the same more or less situated in the County of CONSUELO Purely of					
	PORTION SEVEN, Being land notified for sale by Public Auction as Country Lot No. 1 by notification dated					
	the Twenty-ninth day of July, 1965,					
	as delineated on plan of Survey catalogue No					
	To Hold unto the said JOHN KIRK, his Administrators					
	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, 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, 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 1967"), on or below the surface of way for access and for one lines and other ouroesser resulting for or searching for or the approach of searching and converge the theorem in the operations of obtaining Petroleum in any part of the said Land: AND also all rights of access and for one lines and other ouroesser sensities for ordinaing and convergence in the operations of obtaining Petroleum in any part of the said Land: AND also all rights of					
	IN TESTIMONY WHEREOF, We have caused this Our Grant to be Sealed with the Seal of Our said State.					
	WITNESS Our Trusty and Weil-betoved His Excellency SIR COLIN THOMAS HANNAH, Air Marshal on the Retired List of the Royal Australian Air Force, Knight Commander of Our Most Distinguished Order of Saint Michael and Saint George, Knight Commander of Our Most Excellent Order of the British Empire, Companion of Our Most Honourable Order of the Bath, Governor in and over the State of Queensland and its Dependencies in the Commonwealth of Australia, at Government House, Brisbane, in Queensland oforesaid, this Eighteenth day of March, in the twenty-fifth Six					
	Country kie kie to kie					
	So 227 0 this Twenty-fourth day of March 1976 .					
	SURVEYOR-GENERAL					
•	24-24 184-79 \$6-90.65 \$5-94					
	0 de carg					
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	12 .16					
	3247.602 he. 203°35'					
	225°28'					
٠	HOLDING					
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.(	Plan Cat. No. Cue. 37					

© The State of Queensland (Department of Natural Resources and Water) 2008

Scale 1:75000 13

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this 3/st , 1000 march 11976. 40 62 6  $_{\rm Folio}$  224 Total in the liquidar Bark Ville 426 Hard Brooks and Brooks gistrar of Titles ral District Kabiara Pty dimited now select of an Estate in fize-since in the within and TRANSFER No. C 440626 PRODUCED 6 Aug 1982 at 5.08 m REGD. ST AUG 1982 DEP. REGISTRAR OF TITLES <u>1</u>-3 (Control District) BILL OF ENCUMBRANCE ID. John Kuk No. C. 440627 PRODUCED 6 249 1982 Pt 3. 03 pm REGD. 87 AUG1982 Hord DEP. REBISTRAR OF TITLES (Central Entriet) THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED 10 LOT(\$) ..... ON RECEIPTED PLAN No. CUEST -8 APR 1986 / 🕬 DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT) BY PLAN CAT. No. 53.0959 ...... part of the within land is surveyed as proposed Easement A No C 5312332 P. PRODUGED .... 2000 1990 REGD. -4 SEP 1930 B.e. 2.17- alor ( DEP. REGISTRAR OF TITLES (Central District) TRANSFER 10 Des. Secretary for Munes oria RECORDED -4 SEP 1990 Razinaline DEP. REGISTRAR OF TITLES 1 (Central District)

# **CURRENT TITLE SEARCH**

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 30118248 Date Created: 07/09/1915

Creating Dealing: 601660790

#### REGISTERED OWNER

Interest

Dealing No: 704175066 14/07/2000

BARRY ROY RIDEOUT	1/4
DOROTHY ELLEN RIDEOUT	1/4
IAN LINDSAY RIDEOUT	1/4
ROSS ASHLEY RIDEOUT	1/4

AS TENANTS IN COMMON

#### ESTATE AND LAND

Estate in Fee Simple

LOT 525 CROWN PLAN CL40243 County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

- 1. Rights and interests reserved to the Crown by Deed of Grant No. 30086052 (POR 525)
- 2. EASEMENT IN GROSS No 601385085 (C598381B) 29/06/1990 BURDENING THE LAND TO THE SECRETARY FOR MINES OVER EASEMENT L ON RP620995
- 3. TRANSFER No 703461179 19/07/1999 at 10:52 EASEMENT IN GROSS: 601385085 (C598381B) DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 TENANT IN COMMON 1/4
- 4. EASEMENT IN GROSS No 707638974 14/04/2004 at 11:19 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT D ON SP157647

# CURRENT TITLE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 30118248 Date Created: 07/09/1915

ADMINISTRATIVE ADVICES Dealing Type Lodgement Date Status 709738804 VEG NOTICE 30/06/2006 15:35 CURRENT VEGETATION MANAGEMENT ACT 1999 UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - Yes 18/07/2000 704175074 Certificate No. 2

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current Title Search \*\*

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 30118248 Date Created: 07/09/1915

Creating Dealing: 601660790

#### REGISTERED OWNER

Interest

Dealing No: 704175066 14/07/2000

BARRY ROY RIDEOUT	1/4
DOROTHY ELLEN RIDEOUT	1/4
IAN LINDSAY RIDEOUT	1/4
ROSS ASHLEY RIDEOUT	1/4

#### AS TENANTS IN COMMON

TRANSFER No 704175066 BARRY ROY RIDEOUT TENANT IN COMMON 1/4 DOROTHY ELLEN RIDEOUT TENANT IN COMMON 1/4 IAN LINDSAY RIDEOUT TENANT IN COMMON 1/4 ROSS ASHLEY RIDEOUT TENANT IN COMMON 1/4 Lodged at 12:35 on 14/07/2000

TRANSMISSION BY DEATH NO 703989098 DOREEN RIDEOUT PERSONAL REPRESENTATIVE UNDER INSTRUMENT NO 703989098 Lodged at 11:51 on 11/04/2000

#### ESTATE AND LAND

Estate in Fee Simple

LOT 525 CROWN PLAN CL40243 County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

- 1. EASEMENT IN GROSS No 707638974 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT D ON SP157647 Lodged at 11:19 on 14/04/2004
- 2. SURVEY PLAN No 707638953 surveys part of the land into EASEMENT D ON SP157647 Lodged at 11:16 on 14/04/2004

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 30118248 Date Created: 07/09/1915

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 3. APPLICATION FOR TITLE No 704175074 A Certificate of Title has been issued Lodged at 12:38 on 14/07/2000
- 4. TRANSFER No 703461179 EASEMENT IN GROSS: 601385085 (C598381B) DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 10:52 on 19/07/1999
- 5. RELEASE No 703460892 MORTGAGE: 701660886 Lodged at 10:01 on 19/07/1999
- 6. MORTGAGE No 701660886 CANCELLED BY 703460892 to BA AUSTRALIA LIMITED A.C.N. 004 617 341 over EASEMENT IN GROSS: 601385085 (C598381B) Lodged at 08:49 on 18/11/1996
- 7. TRANSFER NO 701651166 of EASEMENT IN GROSS: 601385085 (C598381B) to PGT AUSTRALIA PTY LIMITED A.C.N. 072 948 451 Lodged at 11:12 on 12/11/1996
- 8. EASEMENT IN GROSS No 601385085 (C598381B) BURDENING THE LAND TO THE SECRETARY FOR MINES OVER EASEMENT L ON RP620995 Lodged at 00:00 on 29/06/1990
- 9. Rights and interests reserved to the Crown by Deed of Grant No. 30086052 (POR 525)

#### ADMINISTRATIVE ADVICES

Dealing	Туре	Lodgement Date	Status
706564815	NOTC INT RES	30/04/2003 15:58	NOT CURRENT
	ACQUISITION OF LAND ACT 1967		
709738804	VEG NOTICE	30/06/2006 15:35	CURRENT
	VEGETATION MANAGEMENT ACT 199	99	

Page 2/3

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532121 Search Date: 28/07/2008 12:07

Title Reference: 30118248 Date Created: 07/09/1915

UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - Yes 18/07/2000 704175074 Certificate No. 2

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

30118248 V0 See ATS for Status Page 1 of 2 VOL:C 118 FOLID:248 30118248 QUEENSLAN No. C. 10492 a No.6465 (C) No. OF PREVIOUS REGISTER BOOK, VOL. 118 FOLIO 248 <u>kant cisasi</u> ERTIFICATE  $\mathbf{OF}$ TITLE. ian Frederik MALMSUN A D produced the Juenty pursuant to Memorandum of Conveyance No. CA1512-\_\_\_\_\_ 1915-, registered the Thursd-\_\_\_\_ day of Aptomber-1913 an Estate in Fee-simple, subject nevertheless to such encumbrances, liens, and interests as are by memorandum notified hereon, in -Parish ot alk bant dar combe III that piece of Land situated in the County of 1/ nton Bung Fortien fix hundred and twenty five containing by admeasurement twelve hundred und uthly at the or less, commencing on the left bunk of Lungombe la seven an purposes bus shown on plano of Grant No. CA485 originally granted by  $\mathbf{D} \epsilon$ to William Jutton Sating Huays to the Crown all the rights and interests reserved to it by the said Deed---of Grant. IN WITNESS whereof, I have hereunto signed my name and affixed my seal this () Heen sember) One thousand nine hundred and day of Signed, Sealed, and Welibered, the day of Deptember 1915 LOCAL DEPUTY REGISTRAE OF CENTRAL BRANCE. Parish of Mount Larcombe  $4_{\rm V}$ 5251280 0 0 Gver 524Scale, 40 Chains per inch.

C The State of Queensland (Department of Natural Resources and Water) 2008

TRANSFER 10 The Decretary for Mina C41513 5.11-of Montgage-p-o-Ease over 125 60 In Pregistere n 620995 29 Juni 1999 gment 00 COD91111 on Regd. Pla PRODUCED No stan RECORDED Limited DOCERSLAND NATIONAL Bam 20 IUL 1990 R.a. Ju lundhe Esuns Secures and. DEP. REGISTRAR OF TITLES Sentert (Central Ciptrict) erandarie e as. 🎕 and Jul 11. of Mortgard therein 📲 st as  $\tilde{U}$ \$3 RE. i relas. Bep. Registrar Å. PURSUANT to Memo. of TRANSFER No. 066913 produced 14 Sept. 32 11 HOan residered 14 Sept. 1932 Innieki Arthur Edgar Rideout - 10 now SEISED of an Estate IN FEE SIMPLE in the WHOLE of the within Land. DEPUTY REGISTRAR OF TITLES (CENTRAL BRANCH) No. C. 32,7726 the registered provision having died on 14 U.C. 1974, the within land is transmitted to The Union Fidelity Trustee Company of Australia Limited and Williams James but Infand Ridsont as Reports in Trust Under Will dated 21 Up 1973. Produced 19may 19<u>15 at3 47</u>4m. Entered 11 JUL1975 DEP, REGISTERR OF TIMLES Seath osión Bas 120122 William ames Suther now seised of an Estate in fee simple in the within land. 3 Fransfer No. C 332,333 Produced 22 July 1975 at. 25 SEP 1975 3-55 Registered.. na DEP. REGISTRAR OF TITLES ZCTING: THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED TO LOT \$ 525 ON REGISTERED PLAN NO. CL4024 3 1 JUL 1986 œ -\_\_\_\_ DEP. REGISTRAR OF TITLES BY PLAN CAT. NO. 63.0.195...... part of the within lend is universed es proposad Sanamant (\_ No. C. 2018 2018 K. PRODUCED ...... REGD 20 JUL 1990 BASSIC (Central District)

БĴТ Luconstand A. Deed of mant for bonditional Suremass Selection .

c # 4485 hanty blonton Sariah Mount harcombe arra 1280 anes

Edward the Seventhe, by the hears of host, King of the United Hingdom & hear the same out Sections, Defender of this Faither conference of India, and so forthe

### Jo all to whom there Breachts shall come, hereting

Whereas, in conformity with the daws and Regulations in force for the abruction of beren lands in Dan that of Inconstant. William derline, on the buents day of May 1983 and application to aches the land tween offer derived by lended without Turkan. and this application thaving been duly approved and confirmed a blace of this said hand for a term of Ten charo was appourado incered to him reservoing our connect and of thety four founds Monting: and whenes the said Hilliam dutter thes ance become swhitted to a Deet of heart in the timpto of the said dand: Now know you that an encideration of the formulas but in further Emiduction of the hind there in the more the with the advant of the Equilie Council of dar said that Have becombed and for the Our Hers and Aucusens do hereby brond and the said William dutton his Alminin hadors and beigas subject to the several and rapective Reservations havingther medianed all theat Ques or Sound y donet in Dar said Mater containing admasserement Torches hundred and lighty are be the same more or her sidualed in the loundy if identici and Banch of Mennet darcomber\_\_\_\_\_ Borten Fin hunders and harnhy fire\_\_\_\_ beleetin 4 525\_\_\_\_\_ Borry Are Sand Selected moles the 38th Section of The brown hands Alienshien Act of 18762 Madstone Intrut-

Commencing on the left banks of Loucomber brack at the Northwest conver of perturn Fix thundred and have y four and bounded there on the south by that fortien bearing test our headers and bearing four chance on the found in the bounded and bearing tour thinks the test by a north bearing there chans and fifty highs on the Hould and bearing that four future tours and fifty highs on the Hould and to the tout for the fourth forty for chance and fifty highs on the Hould first by the tout out further tour to the south for the tout on the degree on the south for the tout to the tout on the tout on the Hould on the tout be the south on the tout on the south on the tout of tout to tout on the tout of tout on the tout on tout tout on the tout on tout by the hope bank of thes cuck downwards to the first of commencement : technicie of Thicken and for a turneyed week and a further what of thirdy two acres received for non't purposes as shown on plans of herry deposited in this have you Ameretis office, with all the Rights and apportenances whichores thereby belonging, but not meledary any part of the est of Mer said buch on the said words or any of theme. To bested and the said William the the Administrations and humans for ever, Wilding and paying Manafor Marty and the Der Heins and Aucenses the Said Heat of Oak Repperson for tow of demanded : But subject novertheless to the several lenditions and Reservations contained in out declared by the bows of two said that in Must behalf: In Testimony Where of Wor have caused this Our brond to be Scatch with the deal of Our said Mater.

Witness Our Right Junky and Well Subart Charles Wallow alexander Safarin. Barow dimingtons Hught Strand boos of any that Distinguished Order of Mr. Michael and Mr. Heavy, Bournar of our State of <u>Inconstand</u> and its Dependences in the terminous althe of Auchalus, at Horenment Houses Bristanic, in <u>Inconstant</u> aforecast this quererly fifthe day of affection in the Fort year and in the open of two land are theward and and our , of live Margu

VOL:C

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Enstered in the Regular of Country Land Barutares A. Book 151 Folio 3145 in the Surveyor General's office. Briedbanes. Mis Deventy sisch bolog of april 1401. \$ N. Berger Strange Contrast in new Register Ports Wet. 86 Fortis 52 Min Third . Acquitran of Sittes. entral Branch.

PARISH OF DatoziozoBill of Mortgage produced 26 MOUNT LARCOMBE 28 at 11.446. and roland from William fitton Horney Cho 211 Evang / Th 525 91905. int or Sto. Spor ceScum par ond 0 12.20 je Kol, of Hi Saulterood 524 Sunc 22287 Bill of Nortgage produced 18. Aug 190 21 Soule 40 chains to an long Clas 243-12 3.39 p. r. registored August igo tron William Lutter Da.c 17357 Bill of Mortgage produced <u>25 Oct. 19</u>01 Frank Langslow pt 3.40 pm. registered 29 October 1901 principal and and solared Are higa from William Lutton intersent ary an of the James lio Ø - annitus per annu principal sum somered stress forsutation rounds slq. myabriegaanderly 2 0 25 Ontober Propagable. 2 Ч., 1903 interset at the nets of the m ber annum NEW TITLE No. 0.13280 a payable quarterly Ante Sel PURSUANT IN MONTO & TRANSFER No. 0. 23555. 9 November 1906 st. 3:36 per 1-8-80 13 Nove 1906 Lucal Dep. Reg. of Titles, Louis Edward Hobler No: 17731. TRANSMISSION BY DEATH. In consequence of the death of the above-named an Escale IN FEE is now SEISED of formes Beee on the B. day of Doch 19al \_\_\_\_\_ his interest in Bill of Mortgage No. 17257. became transmitted to form Bete 01-----SIMPLE in the WHOLE of .W de forces ... as Excelutors. Witseut ud Rees Ruta Local Dog. Rot. of Thing CENTRAL AN Rwhlew 0 as appears by documentury evidence, produced 12 day of 3.1. 1902 <u>entered</u> I day of 3.1. 1902. NEW TITLE No. C.L. C. C. 1902. PURSUANT to Memo of TRANSFER No. 0.2.7.7.6.7. S rounced 4 Dec 1909 all to age kings & Dec 190 Philip Bennett D.E. 1889 Bill of Mortgage produced 10 DCF. 1/02 Oct. floz at 3.36 p. c.c. registered num SEISED of an Estate 12 FEE fromTitic SIMPLE In the WHOLE of the willin hand. Horas Robert Francisk 40.00 CALL AL principal sum Bourgion thandra Spelmark 88 1-1903 6 repayable 10 interest of the rate of Bro Sper chount per annum Not 32 477 Bill of Mortpage produces 29.Je from Prill Cesante to she Bayal Bausk of Discours and Stalled principal sum scoured attach faces payade Local Dep. Reg. of Titles No.620 885. Transfor of Elil of Northogo No. Carrosy produced 15 man. Post 113.0. p. a. rightened Landerd Act Lichere par Sta and scradultion advances Repayable with mierosi & thesein spaled. produced 15 man. 18 m. Mar 1904 first for Bell and Pres Ruta ano Wild et: da Dep. Registrar of Titles. Dep. Registrar of Titles, Central Branch.

Annexed to Deed of Grant Noc. 4485, Vol. 86 Folio 52. This 14 day of fume nimeleum humer cut und fifteen, for the purpose of Recording Memorials thereon. fulfalionte. Dep. Registrar of Tilles, Contral Branch. No. C.40941 Will of Mortgage produced Flame\_198 nt 12-5 P.M. registered 1 4 fune rom S. helify Birnrell ... lo. Julleton inciput sum secured los Chiesnal fire hundsale sailionen parado refinigable 12 Bot 1416 Local Isp Reg. o. No. 91512 TRANSFER of The unterle of the with to christian Indivisite for gensen word 5 (14) Hargemsen proba 5 (Jug Estoros 3 cheptil 16 De Esto accede (915 at 10-55 11 m Degistered Free from Korthade Cancelled as above Vide Vol. 118\_solio 248 Local Dep. Red. of 71 Þ

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### **CURRENT TITLE SEARCH**

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50705757 Date Created: 12/02/2008

Previous Title: 50402097 50662082 50682905 50698297

#### REGISTERED OWNER

Dealing No: 711354563 17/01/2008

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

#### ESTATE AND LAND

Estate in Fee Simple

LOT 9 SURVEY PLAN 200837 County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

- 2. EASEMENT IN GROSS No 703107432 12/01/1999 at 07:57 burdening the land GLADSTONE AREA WATER BOARD over EASEMENTS C AND D ON RP614043
- 3. EASEMENT IN GROSS No 703303345 27/04/1999 at 12:01 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 over EASEMENT A ON RP620692 AND EASEMENT E ON RP620989

# **CURRENT TITLE SEARCH**

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50705757 Date Created: 12/02/2008

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 4. CHANGE OF NAME No 710150122 01/12/2006 at 15:00 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LTD TENANT IN COMMON 1/4
- 5. CHANGE OF NAME No 710150130 01/12/2006 at 15:01 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
- 6. EASEMENT No 703490964 03/08/1999 at 10:56 burdening the land to LOTS 32 ON CP DS469,LOT 102 ON RP836495 AND LOT 101 ON RP620971 OVER EASEMENTS F AND G ON SP 114464
- 7. EASEMENT NO 705804007 18/07/2002 at 14:01 burdening the land to LOT 2 ON SP147877 OVER EASEMENT B ON SP147877
- 8. EASEMENT IN GROSS NO 707667348 23/04/2004 at 11:24 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT K ON SP157672 AND EASEMENTS L AND M ON SP157673
- 9. EASEMENT IN GROSS No 711284594 18/12/2007 at 13:54 burdening the land GLADSTONE AREA WATER BOARD over EASEMENT Q ON SP200847.
- 10. EASEMENT IN GROSS No 711284596 18/12/2007 at 13:55 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT R ON SP200847.

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - NO

### CURRENT TITLE SEARCH NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50705757 Date Created: 12/02/2008

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current Title Search \*\*

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50705757 Date Created: 12/02/2008

Previous Title: 50402097 50662082 50682905 50698297,

#### REGISTERED OWNER

Dealing No: 711354563 17/01/2008

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

#### ESTATE AND LAND

Estate in Fee Simple

LOT 9 SURVEY PLAN 200837 County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. EASEMENT IN GROSS No 711284596 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT R ON SP200847. Lodged at 13:55 on 18/12/2007
- 2. EASEMENT IN GROSS NO 711284594 burdening the land GLADSTONE AREA WATER BOARD over EASEMENT Q ON SP200847. Lodged at 13:54 on 18/12/2007
- 3. CHANGE OF NAME No 710150130 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 15:01 on 01/12/2006

2

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50705757 Date Created: 12/02/2008

- 4. CHANGE OF NAME No 710150122 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LTD TENANT IN COMMON 1/4 Lodged at 15:00 on 01/12/2006
- 5. EASEMENT IN GROSS No 707667348 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT K ON SP157672 AND EASEMENTS L AND M ON SP157673 Lodged at 11:24 on 23/04/2004
- 6. EASEMENT No 705804007 burdening the land to LOT 2 ON SP147877 OVER EASEMENT B ON SP147877 Lodged at 14:01 on 18/07/2002
- 7. EASEMENT No 703490964 burdening the land to LOTS 32 ON CP DS469,LOT 102 ON RP836495 AND LOT 101 ON RP620971 OVER EASEMENTS F AND G ON SP 114464 Lodged at 10:56 on 03/08/1999
- 8. EASEMENT IN GROSS No 703303345 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 over EASEMENT A ON RP620692 AND EASEMENT A ON RP620989 Lodged at 12:01 on 27/04/1999
- 9. EASEMENT IN GROSS No 703107432 burdening the land GLADSTONE AREA WATER BOARD over EASEMENTS C AND D ON RP614043 Lodged at 07:57 on 12/01/1999

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50705757 Date Created: 12/02/2008

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

10. Rights and interests reserved to the Crown by Deed of Grant No. 30122078 (POR 24) Deed of Grant No. 40012840 (Lot 1 on RP 618440) (Lot 310 on CP CL40119) (Lot 267 on CP CL4093)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

#### CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50402097. Date Created: 23/07/2002

Previous Title: 50402095

This Title Has Been Fully Cancelled.

REGISTERED OWNER

Dealing No: 705804001 18/07/2002

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

#### ESTATE AND LAND

Estate in Fee Simple

LOT 1 SURVEY PLAN 147877 County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

- 1. SURVEY PLAN No 711354563
  subdivides the land into
  LOTS 7 AND 9 ON SP200837
  Lodged at 15:47 on 17/01/2008
- 2. CHANGE OF NAME No 710150130 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 15:01 on 01/12/2006
- 3. CHANGE OF NAME NO 710150122 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LTD TENANT IN COMMON 1/4 Lodged at 15:00 on 01/12/2006
- 4. EASEMENT IN GROSS No 707667348 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT K ON SP157672 Lodged at 11:24 on 23/04/2004

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50402097 Date Created: 23/07/2002

EASEMENTS, ENCUMBRANCES AND INTERESTS

- 5. SURVEY PLAN No 707667259 surveys part of the land into EASEMENT K ON SP157672 Lodged at 11:17 on 23/04/2004
- 6. EASEMENT No 705804007 burdening the land to LOT 2 ON SP147877 OVER EASEMENT B ON SP147877 Lodged at 14:01 on 18/07/2002
- 7. EASEMENT IN GROSS No 703303345 CANCELLED BY 710150130 Burdening LOT 1 ON RP618440 DUKE QUEENSLAND PIPELINE PTY LTD ACN 083 050 284 AND DEI QUEENSLAND PIPELINE PTY LTD ACN 083 050 104 OVER EASEMENT A ON RP620692 Lodged at 12:01 on 27/04/1999
- 8. Rights and interests reserved to the Crown by Deed of Grant No. 40012840 (Lot 1 on RP 618440)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

#### CERTIFICATE OF TITLE ISSUED - NO

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50698297 Date Created: 14/12/2007

Previous Title: 40055434

This Title Has Been Fully Cancelled.

#### REGISTERED OWNER

Dealing No: 711274509 14/12/2007

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

#### ESTATE AND LAND

Estate in Fee Simple

LOT 267 SURVEY PLAN 200847 County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. SURVEY PLAN No 711354563
  subdivides the land into
  LOTS 7 AND 9 ON SP200837
  Lodged at 15:47 on 17/01/2008
- 2. EASEMENT IN GROSS No 711284596 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENT R ON SP200847. Lodged at 13:55 on 18/12/2007
- 3. EASEMENT IN GROSS No 711284594 burdening the land GLADSTONE AREA WATER BOARD over EASEMENT Q ON SP200847. Lodged at 13:54 on 18/12/2007

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NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50698297 Date Created: 14/12/2007

- 4. CHANGE OF NAME NO 710150130 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 15:01 on 01/12/2006
- 5. CHANGE OF NAME No 710150122 EASEMENT IN GROSS: 703303345 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LTD TENANT IN COMMON 1/4 Lodged at 15:00 on 01/12/2006
- 6. EASEMENT IN GROSS NO 707667348 burdening the land QUEENSLAND ELECTRICITY TRANSMISSION CORPORATION LIMITED A.C.N. 078 849 233 over EASEMENTS L AND M ON SP157673 Lodged at 11:24 on 23/04/2004
- 7. EASEMENT No 703490964 burdening the land to LOTS 32 ON CP DS469,LOT 102 ON RP836495 AND LOT 101 ON RP620971 OVER EASEMENTS F AND G ON SP 114464 Lodged at 10:56 on 03/08/1999
- 8. EASEMENT IN GROSS No 703303345 CANCELLED BY 710150130 burdening the land DUKE QUEENSLAND PIPELINE FTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 over EASEMENT E ON RP620989 Lodged at 12:01 on 27/04/1999
- 9. EASEMENT IN GROSS No 703107432 burdening the land GLADSTONE AREA WATER BOARD over EASEMENTS C AND D ON RP614043 Lodged at 07:57 on 12/01/1999
- Rights and interests reserved to the Crown by Deed of Grant No. 40012840 (Lot 267 on CP CL4093)

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

Title Reference: 50698297 Date Created: 14/12/2007

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532755 Search Date: 28/07/2008 12:45

**Title Reference: 50662082** Date Created: 04/05/2007

Previous Title: 50402096

This Title Has Been Fully Cancelled.

#### REGISTERED OWNER

Dealing No: 710533397 26/04/2007

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

#### ESTATE AND LAND

Estate in Fee Simple

LOT 310 CROWN PLAN CL40119 County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 1. SURVEY PLAN No 711354563
  subdivides the land into
  LOTS 7 AND 9 ON SP200837
  Lodged at 15:47 on 17/01/2008
- 2. Rights and interests reserved to the Crown by Deed of Grant No. 40012840 (Lot 310 on CP CL40119)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

#### CERTIFICATE OF TITLE ISSUED - NO

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

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[Form 1.1]



#### Title Reference: 40012840



**DEED OF GRANT OF LAND** 

#### Land Act 1994

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, under the Land Act 1994, grant in fee simple all that parcel of land described in Schedule 1 to the person described in Schedule 2,

SUBJECT TO the reservations and conditions specified, and such other reservations and conditions as may be contained in and declared by the laws of the State.

Specified Reservations -

- (a) All minerals (as defined by the Mineral Resources Act 1989) on and below the surface of the land
- (b) The right of access for the purpose of searching for and working any mines (as defined by the Mineral Resources Act 1989) in any part of the land
- (c) All petroleum (as defined by the Petroleum Act 1923) on and below the surface of the land
- (d) 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 pipelines and other purposes requisite for obtaining and conveying petroleum in the event of petroleum being obtained in any part of the said land

#### Specified Conditions - Nil

IN TESTIMONY WHEREOF, WE have caused this OUR grant to be sealed with the Seal of the State of Queensland.

WITNESS Our Trusty and Well-beloved His Excellency Major General Peter Amison, Officer of the Order of Australia, Governor in and over the State of Queensland and its Dependencies, in the Commonwealth of Australia at Government House, Brisbane, in Queensland aforesaid, this 4th day of December, in the 46th Year of Our Reign and in the year of Our Lord 1997.

#### SCHEDULE 1 - DESCRIPTION OF LAND

Lot/Plan	County	Parish
310/CL40119	CLINTON	MT LARCOM
267/CL4093	CLINTON	MT LARCOM
1/RP610233	CLINTON	MT LARCOM
2/RP610233	CLINTON	MT LARCOM
1/RP612265	CLINTON	MT LARCOM
1/RP616272	CLINTON	MT LARCOM
1/RP616273	CLINTON	MT LARCOM
1/RP618440	CLINTON	MT LARCOM
1/RP619803	CLINTON	MT LARCOM
4/RP620657	CLINTON	MT LARCOM
6/RP620658	CLINTON	MT LARCOM
4/SP101558	CLINTON	MT LARCOM
6/SP101558	CLINTON	MT LARCOM
8/SP101558	CLINTON	MT LARCOM

Nett Area 6433.704000 Ha. (Refer to plan for exclusion/s and/or depth restriction/s)

Note: For details of description, dimensions and marking of boundaries refer to plan mentioned above.

#### **SCHEDULE 2 - GRANTEE**

THE STATE OF QUEENSLAND (REPRESENTED BY THE DEPARTMENT OF PREMIER AND CABINET)

Department of Natural Resources Reference: 97/005970 Previous File Ref : ROC 004295 P. amina

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4616959 Search Date: 07/08/2008 15:31

Title Reference: 50682905 Date Created: 18/09/2007

Previous Title: 30288220 50175517 50175518 50175519 50399936

This Title Has Been Fully Cancelled.

REGISTERED OWNER

Dealing No: 710985196 11/09/2007

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

#### ESTATE AND LAND

Estate in Fee Simple

LOT 6 SURVEY PLAN 200836 County of CLINTON Parish of CALLIOPE County of CLINTON Parish of MT LARCOM Local Government: GLADSTONE

EASEMENTS, ENCUMBRANCES AND INTERESTS

- SURVEY PLAN No 711354563 subdivides the land into LOTS 6, 7 AND 9 ON SP200837 Lodged at 15:47 on 17/01/2008
- 2. EASEMENT IN GROSS No 601187289 (C357570) burdening the land THE CAPRICORNIA REGIONAL ELECTRICITY BOARD over EASEMENT A IN POR 44 ON RP612790 Lodged at 00:00 on 29/08/1977
- 3. Rights and interests reserved to the Crown by Deed of Grant No. 10562197 (Lot 253 on CP CTN2087) Deed of Grant No. 30067051 (Lot 50 on CP CTN2086) Deed of Grant No. 30122078 (POR 24) Deed of Grant No. 30134089 (Lot 50 on CP CTN2086) Deed of Grant No. 30134090 (Lot 50 on CP CTN2086) Deed of Grant No. 30176204 (POR 6) (POR 7) Deed of Grant No. 30193166 (POR 44) (POR 49)

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NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4616959 Search Date: 07/08/2008 15:31

Title Reference: 50682905 Date Created: 18/09/2007

#### EASEMENTS, ENCUMBRANCES AND INTERESTS

Deed of Grant No. 40025540 (Lot 25 on SP 104429)

4. Rights and interests reserved to the Commonwealth by Deed of Grant No. 30590055 (Lot 50 on CP CTN2086)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

#### CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

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30122078 V0 See ATS for Status Page 1 of 2

#### QUEENSLAND.

#### DEED OF GRANT OF LAND.

ACQUIRED BY LIGHCUltural Selection -

Not 7174

Seorge the Rilly, by the Surce of Sod, of the Anited Ringdom of Steat Britain and Areland, and of the Artling Jominions beyond the Seas, Jing, Defender of the failh :---• . •

VOL: C 122 FOLIO:078

To 311 to whom these Presents shall come, Greeting:

COUNCILENS, in conformity with the Laws and Regulations in force for the alienation of Orowa Land in Our State of Queensland, Walter James Prizeman-

has become entitled to a Deed of Grant in Poe-simple of the Land hereinafter described : How Knew De that, in consideration of the premiess and of the sum of Your hundred and Sixty four pounds, ten shillings and one pounds --\_Sterling. for Us, and on Our behalt paid into the Trensury of Our said State, and in further consideration of the Quit-Rent hereinafter reserved, UCLE, with the advice of The Executive Council of Our said State, have Aranted, and for Us, Our Heirs and Successors, do hereby Grant unto the mid Walter James Progeman-

Administrators and assigns, subject to the Reservations hereinafter mentioned, All that Partel of Land in Our said State, containing by adreessaromont One thousand one hundred and five acres and twenty three furthes -----Pornon Iwenty fourbe the same more or less, situated in the County of Cluster-Parish of eff. Laucem-

Being the Land related as aqueullieral Farm No 712 - Gladstone District-Commencing at the worth last corner of portion 310 and bounded thence on the west by that portion bearing 180.

Acques q unnates one hundred and len chams and shirty five tinks On the South by portion 10 v bearing 39 degrees 50 minutes. One hundred and three chains and shirty love hules. On the last by portion 253 bearing 27 minutes thirty nice 2 chains and righting two and one lenth habs by a line barring 303 degree to inmutes two chains and thirty seven and seen tanthe links and by a post bearing 27 number duet fight chain and twenty die hits and 345 degrees the munites twenty fuelal and on the Vorth by portion 25 bearing tweet twenty two chains and thirty eight and supported bears and the vorth by portion 25 bearing tweet twenty two chains and thirty eight and supported bears and the vorth by portion 25 bearing the twenty two chains and thirty eight and support of commencement. Exclusive of There is and two to the superior of commencement. Exclusive of There is the two to the superior of commencement. acres and thirty the perches for a surveyed toad :-Y 41.7

is shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging but not including any point of the soil of the said toads or any of them-

To Bold unto the soid Waller James Ruzeman-

hid ...... Administrators and assigns for over, Yielding and Paying therefor Yearly unto Us, Our Hoirs and Successors, the Quit-Rent of One Peppercorn for hu-Administrators and assigns for over, Yielding and Paying therefor Yearly unto Ua, Our Hoirs and Successors, the Quit-Mont of One Peppercorn for ever, if demanded: But Subjett Metertheless to the several Conditions and Resorrations contained in and declared by "The Land Act of 1910," "The Mining on Prince Land Act of 1909," and "The Petroleum Act of 1916." And Wile to hereby reserve unto Us, Our Heirs and Successors, and Our Heirs and Successors, and such as the suit of the said Land: Act of 1916") on or below the surface of the said Land, and all Miners of Gold and Minerals, "One below the surface of the said Land: Act of Land: Successors, and so such persons as shall from time to time be duly authorised by Us in that behalf, the free right and privilege of access, including ingress, egress, and egress, 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, and of searching for or working Gold and Minerals or any of them, and for any of them, and of searching for any of them, and of searching the for or working Gold and Minerals or any of them, and of searching for or working Gold and Minerals or any of them, and Successors and Henry and Successors and the successors and the successors and the same consol this for the persons and the same for t for, and for the operations of obtaining Petroleum, in any part of the said Land: Bit Cestimony Wilhercof, We have caused this Our Grant to be Sealed with the Seal of Our said State.

With 155 Our Trady and Welt-belowed Sir HAMILTON JOHN GOOLD-ADAMS, Major on the Hetired Ind of Our Army, Knight Orand Oross of Our Most Distinguished Order of St. Michael and St. George, Companion of Our Most Monourable Order of the Bath, Governor of Our State of QUEENSLAND and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queenstand aloresaid, this Amathic Transmitted day of Market in the heureth year of Our Reign, and in the year of Our Lord One thousand ning burged and Chulcher.

hundred and interter

Annillon Gootthe Adams

ENTERED in the Register of Country Land Purchases A , Book 195, Folio 33 , in the Survey Office, Briddane, this thirtictly day of April , 1917.

ENTERED in the Register Book, Vol. 122, Polio 78, this Second uny of Marcel, 1917.

Brecentar

Che BROISTRAN OF TITLES.





FORM 1.

#### Deed of Grant of Land.

Acquired by AGRICULTURAL SELECTION. No.C10013 George the Sixth, by the Grace of God, of Scent Britain, Ireland, and the British Dominions beyond the Seas, Ring, Belenderol the Faith, Emperor of India:-To All to whom these Presents shall come, Greeting: HINERENE, in conformity with the Laws and Regulations in force for the alienation of Crown Land in Our State of Queensland, - ALFRED JAMES BOYLE has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described : Ant Anot De that, in consideration of the premises and of the sum of FOUR HUNDRED AND THIRTY-THREE POUNDS NINE SHILLINGS AND SIX PENCE for Us, and on Our behalf, paid into the Treasury of Our said State, and in further consideration of the Quit-rent hereinafter reserved, We, with the advice of The Executive Council of Our said State, have Granted, and for Us, Our Heirs and Successors, be hereby Grant unto the said ALFRED JAMES BOYLE his Administrators and Assigns, subject to the Reservations hereinafter mentioned, All that - Parcel of Land in Our said State, containing by admeasurement\_BIGHT HUNDRED AND SIXTY-SIX ACRES THREE ROADS THIRTY-ONE PERCHES be the same more or less, situated in the County of \_\_\_\_\_\_ Parish of \_\_\_\_\_\_ Parish of \_\_\_\_\_\_ PORTIONS FORTY\_FOUR AND WORTY\_NINE. Being the land selected as Agricultural Farm No.1010, Gladstone District: -Commencing at the south-east corner of portion 86, and bounded thence by that portion bearing 269 degrees 34 minutes 32 chains 29 6/10 links, by portion 253 parish of Mount Larcom bearing 179 degrees 38 minutes 99 chains 32 3/10 links, by a read and portion 50 bearing 89 degrees 41 minutes 58 chains 76 2/10 links, by that portion bearing 179 degrees 41 minutes 52 chains 72 2/10 links, by portion 52 bearing 89 degrees 41 minutes 60 chains 87 1/10 links, and by a read bearing 10 degrees 14 chains 70 4/10 links, 333 degrees 30 minutes 36 chains 96 6/10 links, 327 degrees 40 minutes 19 chains 9 7/10 links, west 11 chains 66 7/10 links, 312 degrees 35 chains 91 4/10 links and 338 degrees 3 minutes 68 chains 93 2/10 links to the point of commencementas shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said roads or any of them: - his Administrators ALFRED JAMES BOYLEand Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for ever, if domanded : But Subject Schertigetess to the several Conditions and Reservations contained in and declared by "The Land Acts, 1910 to 1937," "The Mining on Private Land Acts, 1909 to 1929," and "The Petroleum Acts, 1923 to 1939": And We he perfor riserte unto Us, Our Heirs and Successors, all Gold and Minerals (the term "Minerals" to there the same meaning as in "The Mining on Private Land Acts, 1909 to 1929"), 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: Sub We he perfor 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 hehalf, the free right and privilege of access, including ingress, egress, and to such persons as shall from time to the said Land, if m We he perfor also reserve and privilege of access, including ingress, egress, and regress, info, upon, over, and out of the said Land, if m We be pitter pairs restrict unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Acts, 1933"), on or below the surface of the said Land is directed and the arrow of the or restricts of the said Land is access for the purpose of scarching for, and for the operations of obtaining Petroleum in any part of the said Land : and priviles of the said Land : The Minerals, or any part of the operations of obtaining Petroleum in any part of the said Land : and the event of Petroleum head of the operations of obtaining Petroleum in the event of Petroleum being obtained in any part of the said Land : the We he also further reserve unto Us, Our Heirs and Successors, all Helium found in association with Petroleum in any part of the said Land : In Testimony Wheread We have caused this Our Grant to be Scaled with the Scal of Our said State. Witness Our Right Trusty and Well Beloved Counsellor, SIE LESLIE OBME WILSON, Colonel on the Retired List of Our Royal Marines, Knight Grand Commander of Our Most Excited Order of the Star of India, Knight Grand Gross of Our Most Distinguished Order of Saint Michael and Saint George, Knight Grand Commander of Our Most Eminent Order of the Indian Empire, Commanion of Our Distinguished Service Order, Governor of Our State of Queensland and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Australia, at Government Court of Commonwealth of Australia, at Government House, Brisbane, in Queenstand aforesaid, this twesty Linth may in the fifth year of Our \_day of .... and in the year of Our Lord One thousand nine hundred and forty-one. Land in the Register Book, Vol. 267 , Folio 42 , in the Survey Office, Brisbane, ENTERED as. Country second . 1941. ical this. dow of\_ 166\_, this ENTERED in the Register Book, Vol. 193, Folio\_ e lesent. day of. Manine DENTY REGISTRAL OF TITLES MANNELL MARKER

30134227 V0 See ATS for Status Page 1 of 2





# Deed of Grant of Land.

No.C. 7823

Acquired by Aquicultural Selection.

George the Fifth, by the Grace of Sod. of the United Kingdom of Sceat Britain and Ireland, and of the British Bonninions beyond the Seas, King, Defender of the Faith:

To All to whom these Presents shall come, Greeting:

Illucretts, in conformity with the Laws and Regulations in force for the alienation of Crown Land in Our State of Queensland,

has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described: Row Ruow De that, in consideration of the premises and of the sum of Live hundred and uneteen pounds nineteen shillings--\_\_\_\_Sterling, for Us, and on Our behalf paid into the Treasury of Our said State and in further consideration of the Quit-Rent hereinafter reserved, 2014 with the advice of The Executive Council of Our said State, have Granted, and for Us, Our Heirs and Successors, be hereby Grant unto the eaid John James Athelotane Murray -----ha ---- Administrators -----U. U and Assigns, subject to the Reservations hereinafter mentioned, All that Parent of Land in Our said State, containing by admeasurement ane thousand his hundred and seventy acres one pood liften perchesbe the same more or less, situated in the County of Minders \_\_\_\_\_ Parish of Rodde Bay\_\_\_\_\_ Portion/two\_

Berry the Land selected as Aquicultural Farm, 12 468. -Gladstone District

Commencing at the north corner of portion 32, and bounded thence on the east by that portion searing South one hundred another chains minety six links on the south by portion 22 and 25 bearing west ninety two chains fifty links on the west by the last mentioned portion and por-- tions 13 y and 14 v bearing north one kundred and discty wine chains seventy links and on the north east by portion we bearing 125 diques one hundred. and twelve chains ninety three links, to the point of commencement -

shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appartenances whatsoever thereto belonging

25 Doit unto the said John James Althelotane Howray \_\_\_\_\_\_has \_\_\_\_\_has \_\_\_\_\_\_has \_\_\_\_\_\_has \_\_\_\_\_has \_\_\_\_\_\_has \_\_\_\_\_has \_ demanded : But Subjett Revertheless to the several Conditions and Reservations contained in and declared by "The Land Acts, 1910 to 1920," "The Mining on Private Land Act of 1909," and "The Petroleum Act of 1915": 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 Act of 1909"), and all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Act of 1915"), on or 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 bo 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, 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, and of searching for, and for the operations of obtaining Petroleum, in any part of the said Land : In Testimony Whereof We have caused this Our Grant to be Sealed

> Wilness Our Right Trasty and Well Beloved Counsellor Sir MATTHEW NATHAN, Major on the Retired List of Our Corps of Royal Engineers, having the Brevet rank of Lieutenant-Colonel in Our Army, Knight Grand Cross of Our Most Distinguished Order of St. Michael and St. George, Governor of Our State of QUEENSLAND and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this Tenth day of farmany in the thirtcenth year of Our Reign, and in the year of Our Lord One thousghd nine hundred and tirenty-three

ENTERED as Country hand this

in the Register Book, Vol. 208 Folio 27 banuary , 1923.

ENTERED in the Register Book, Vol. 134, Folio 227, this eighteenth day of Journary 1923

, in the Survey Office, Brisbane,

with SURVEY beitral distric

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V0L:C 134 F0LI0:227

بالرمام وجارته والثرابي ومعاولته ويتبر 50 VOL:C 134 FOLIO:089 Deed of Grant of Land. No. C 7685 Acquired by Runchase at Anchan\_ Scorge the Filth, by the Grace of Sod, of the United Bingdom of Great Beltain and Ireland, and of the British Bominions beyond the Seas, Ring, Defender of the Faith: To All to whom these Presents shall come, Greeting: HIPELTERES, in conformity with the Laws and Regulations in force for the alignation of Crown Land in Our State of Queensland, has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described: now ge that, in consideration of the premises and of the sum of Obechundred and lifty frounds torling, for Us, and on Our behalf paid into the Treasury of Our said State, and in further consideration of the Quit-Rent hereinafter resorved, Me, with the advice of The Executive Council of Our said State, have Granted, and for Us, Our Heirs and Successors, de hereby Scant unto the said Alfred Jamed Boyle \_\_\_\_\_\_ admessurement\_ Two fundred and unrety une astes and eighteen perches--Portion fully .be the same more or less, situated in the County of Chinlott------ Parish of Callione----\_\_ Being the Sand notified for sale by Public Austion as beneting Lot 1, by Solfication deted the fourth day of May. 1911bounded lien und at the North. West concer of partien 51 and bounded liene on the South by that portion bearing by degrees to minutes fifty our chains seventy one and two tenths links On the bast by portion 49 bearing 359 degree 11 minutes fifty two chain's seventy two and two tenthelinks. Un the North Systerion 44 bearing 2 by degress 1 minutes fifty six chains seventy six and two tenths links and on the Wet by a road of looung 179 degrees 39 minutes fifty two chains seventy one and eight lenth links to the point of commencement : as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging kut not including any jost of the soil of the said road\_\_\_\_\_\_\_ To Bold unto the said Alfred James Boyle\_\_\_\_\_\_\_\_ h12\_\_\_\_Administrators and Assigns for ever, Vielding and Paying therefor Vearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for Intermations and assigns to ever, facturing and raying interfor startly unto 05, OF Holts and Successors, the Quickent of One represent for ever, if demanded: But Subject Buttributes to the several Conditions and Reservations contained in and declared by "The Land Act, 1010 to 1920," "The Mining on Private Land Act of 1900," and "The Petroleum Act of 1915": Sho But to fortup restrict runto Us, Our Heits and Successors, all Gold and Minerals (the term "Minerals" to have the same meaning as in "The Mining on Private Land Act of 1909"), and all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Act of 1915"), on or below the surface of the said Land, and all Minerals, on and below the surface of the said Land : Sint But to furtige also restrict unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly authorized by Us in that behalf, 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 theor, and of searching for and for the comprised the fourting The Instruction and said Land . The Mineral Minerals, heave caused the Our Gont to be scaled it. for, and for the operations of obtaining Petroleum, in any part of the said Land : In Testimony Where? We have caused this Our Grant to be Scaled with the Seal of Our said State. Wilnuss Our Right Trusty and Well Relaved Counsellor Sir MATTHEW NATHAN, Major on the Relived Life of Our Corps of Royal Engineers, having the Brezel rank of Licutenant-Colonel in Our Army, Knight MA Grand Gross of Our Most Distinguished Order of St. Michael and St. George, Governor of Our State of QUEENSLAND and its Dependencies, in the Communically of Australia, as Government House, Brisbane, in Queensland aforesaid, this Kenth day of Inversion in the Worlfills ------ year of Our Reign, and in the year of Our Lord One thousand nine hundred and wents - one. Tinatthes hatter ENTERED in the Register of Country Land Purchases A , Book 2.04 Polio 156 , in the Survey Office, Brisbane, Arinth tay of November 1921, ENTERED in the Register Book, Vol. 134 , Polio 89 , this firster the day of house wher 1821

30067051 V2 See ATS for Status Page 1 of 2 70.... 87 FOLIO:051 VOL:C QUEENSLAND 0087051 CN6.2300\_ A. DEED OF GRANT FOR CONDITIONAL PURCHASE SELECTION. County Chinton Parish M So VICTORIA, by the State of God, of the United Bingdom of Steat Britain and Artland, Queen, Defender of the Jaith. Ares 199 de: 31: 20/2. and so forth:-CO ALL is whom these Bresents shall come, Sreeting: N HEREAS, in conformity with the Laws and Regulations in force for the Alienation of Crown Lands in Our Colony of Queenaland, Joseph Harley Janmes on the fifthe  $_{\pm}1875$  , made application to select the Land hereinafter \_day of January described, by Conditional Purchase, and has application having been duly approved and confirmed, a Lease of the said Land for a term of ten years was afterwards issued to him, reserving an annual rent of these pounds Sterling : And whereas the said laugh Harley Janmer has since becon Beid of Grant in Fee-Simple of the said Land : Note Know De, That in consideration of the premises, And in further consideration of the Guilt-Rent hereinafter reserved, We, with the advice of The Executive Council of Our seid Colony, have Granted, and for Us, Our Heirs and Successors, do hereby Grant, unto the said for the market Carmin he Administrators and Assigns, subject to the several and respective Reservations hereinafter mentioned, All that Piece or Parcel of Land in Our said Colony containing by admeasurement Gne hun dred and minetioning cores three roods twenter herches be the same more or less, situated and Parish of M. Jarcowsky In the County of the Sortion time how Mardistorin Dist. i du di the 28 bection of the lowin La Alumational of 1996; Briso the land selected prinche tur degrees think eight minutes and dista bounded thence on the west by appoade bearing north idi oindi lin bearing east theits and charins and fortige JIL d on the south by a race bearing two hundred and se there hanks historight minutes thirty siss chains and filly live lists to the point of some as aliown on Plan of Survey deposited in the Surveyor-General's Office, with all the Rights and Appurtenances whatsoever thereto belonging bit is at in cluding any part of the soil of the said roads a any of theme To Bold unto the said foregra Hanley of ha. Administrators and Assigne for e Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn fo iez Hogiston Bill Subject Nebarthelinss to the several Conditions and Reservations contained and declared in the Lawedder III Zistilitony Express, We have caused this Our Grant to be Sealed with the Seal of Our said Colon WITNESS Our Trusty and Well-beloved dis Honry Wylis Normon toward of Our Cores, Inight tra Coars of Quarlost Honouralle Order of the toath Hunight Shand Coars of Que Most Distinguishing of Sullichard and I beorge Companion of Que ellost Comment bader of Que encland berging to an quished bro of Our Colony of QUERNELAND and its Dependencies, at Kove aforesaid, this weenly fourth and or of Unguit and bommander rive brief year of Our Reign, and in the year of Our Lord frie thousand in the firly lear hundred and ninet this Thirketh ENTREED in the Register Book Folio Vol. đạy oj august-189 ž Broisrnan of Title ·新华家园长的1110月14日 ingi in .

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1.1	Zator Contraction Contraction
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	Volic 134 Folio:090
	$\mathbf{D}$ Beeu of Grant of Land.
	Acquired by Luxchase at Matton Street of Sod, of the United Kingdom of Secar Britain and Reland, and of the Beltish
	Dominions beyond the Seas, King, Defender of the Faith: To All to whom these Presents shall come, Greeting:
	Alla Reveals, in contornity with the Laws and Regulations in force for the alionation of Crown Lund in Our State of Queensland,
	has become entitled to a Deed of Grant in Recompte of the Land hereinstiter described : Soto Know Re that, in consideration of the premises
	for Us, and on Our behalf paid into the Transury of Our suid State, and in further consideration of the Quit-Rent hereinafter reserved, W, with the advice of The Excentive Council of Our said State, have Granted, and for Us, Our Heirs and Successors, he furthy Statu unto the
	said folun Henry Hessell-
	admeasurement Wardt hetred and hwo deres, two doo do twenty we perstander the Porton Refugered and have been the same more or less, situated in the County of Vinter Parish of Callogre Parish of Callogre
	Being the hand ushing for sole by Ruble And in as boundry dot 2. by Artification dated the fourth day of Abay 1911- Bounmencing at the South West corner of portion 50 and sounded there on the high by Matherinow bearing 29 degrees 4 still multer.
	Alty s. c. chains decreaty one and two tenths hinks in the bost by portion 52 bearing 199 degree 4 minutes fifty thece hand other thing two hand and the basis
	on the West by a ton bearing 25 q degree sq universe filly there chan's forty four and his touthe fills to the point of commencements
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*	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belouging . Interfunction of the set
awin th	Ea Both unto the said John Revery Revell
	ever, if demanded : But Subject Netwithlets' to the several Conditions and Reservations contained in and declared by "The Land Acts, 1910 to 1920," "The Mining on Private Land Act of 1909," and "The Petroleum Act of 1916": And But he he frethy restrict anto Us, Our Heirs and Successors, all Gold and Minorals (the term "Minerals" to have the same meaning as in "The Mining on Private Land Act of 1909"), and all Petroleum (the term
	"Petroleum" to have the same meaning as in "The Petroleum Act of 1915"), on or below the surface of the said Lund, and all Mines of Gold and Minerals, on and below the surface of the said Lund: Sub 26 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 behalt, the free right and privilege of access, including ingress, geness, and recreas, inco, 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, and of searching for, and for the operations of obtaining Potvoleum, in any part of the said Land: In Zestimony Wittree We have caused this Our Grant to be Scaled with the Scale Our said State.
	Witness Our Right Trusty and Weit Reloved Counsellor Sir MAYTHEW NATHAX, Major on the Relived List of Our Corps of Royal Engineers, having the Brezet rank of Lieutenant-Colonel in Our Army, Knight 424 Grand Cross of Our Most Distinguished Order of St. Michael and St. George, Governor of Our State of
	QUBERSLAND and its Dependencies, in the Commonwealth of Australia, at Government House, Brishane, in Queensland aforesaid, this . Unlaw day of November
. Isailu	the the current fireyear of Our longs, and in the year of Our Lord One thousand rune bundred and
	1000mg . eve
4	- healtheo heltran
	ENTERED in the Register of Enwing Land Purchases A, Book 204 Woile 1577, in the Survey Office, Brisbane,
	ENTERED in the Register of Bunning Land Purchases A, Book 204 Noiso 1577, in the Survey Office, Briedrane, this Adventify day of Friender, 1921.
d G	ENTERED in the Register Book, Vol. 134, Folio 90, this Richer May of Hour Mer 1921.
	ENTERED in the Register Book, Vol. 134, Folio 90, this Richerak day of Hoursher 1921. ENTERED in the Register Book, Vol. 134, Folio 90, this Richerak day of Hoursher 1921. Def Recognition of Trans. Dentral Matricel
	ENTERED in the Register Book, Vol. 134, Folio 90, this ficter that day of Househer 1921.
	ENTERED in the Register of Bunday Land Purchases A, Book 204 Hoio 1577, in the Survey Office, Brishane, this christian day of Ariender, 1921. ENTERED in the Register Book, Vol. 134, Folio 90, this Richerah day of Hournber 1921. Def Reconstruction of Trive. Deatral Destrict
	ENTERED in the Register of Bundy Land Purchases A, Book 204 Noiso 1577, in the Survey Office, Briedrand, this inductive day of Ariender, 1921. ENTERED in the Register Book, Vol. 134, Folio 90, this fictoeak day of Housaber 1921. Def Reconstrain of Trans. Deutral Datied
	ENTERED in the Register of Boushy Land Purchases A, Book P.O.4 Volio 1577, in the Survey Office, Briddane, this closenthy day of November, 1921. ENTERED in the Register Book, Vol. 134, Rolio 90, this fictoes the day of November 1921. M.S. MULL Reconciliation or Turce. Deutical Water of November 1921.

STATISTICS OF

30038199 V1 See ATS for Status Page 1 of 2

No. 004311 " QUEENSLAND. County Menton LAND PURCHASE. Parish Mount Carcon be. Date of Jg . August 1815 DECEORIA, by the Eroce of Gov, of the Anited Ringtom of Great Britain and Recland, Queen, Belender of the Faith, and so forth :---Area 1000 acres TO ALL to whom these Presents shall come, Greeting. W HERBAS, in conformity with the Regulations now in force for the Alienation of Crown Lands in Our 2 ridery of Queensland, Hichael Kelly of \_\_\_\_\_ had become the Purchaser ---- of the Land hereinafter described, for the Sum of Three hundred pound or - Sterling : How Hite's ge, That for and in consideration of the said Sum, for and on Our behalf well and truly paid into the Colonial Treasury of Our said Jerritory before these Presents are issued, And in further consideration of the Quit-Rent hereinafter reserved, We, with the advice of xecutive Council of fice rodent have Granted, and for Us, Our Heirs and Successors, do hereby Grant unto the said \_\_\_\_\_ Michael Kelly-\_\_\_\_\_ his Herris and Assigns, subject to the several and respective Reservations hereinafter mentioned, All that \_\_\_\_ reventory Piece or Parcel of Land in our said Colony. containing by Admeasurement One Thousand anes -\_be the same more or less, situated and Parish of Mount Lascombe in the County of Clinton -Iladstone District \_\_ Portion Two hundred and fifty three allection 253. at a point two chains North from the Porthe aut Comer of We have and and bounded thence on the South by a real bearing founded chains on the west by a line hearing firthe ones on the North by a fine bearing East one hundred the East by a line bearing Smith. Bre hundred chains to the posit of commen Selected under the 46" Section of The Grown Lands Alunghion Sering the land 1ct . f. 1868" With all the Right and appartenances whatever there to belonging To Hold unto the said Michael Kell to locure and Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for ever, if demanded : Probided Hebertheless, and We do hereby Reserve unto Us, Our Heirs and Successors, all such parts and so much of the said Land asmay hereafter be required for making Public Ways, Canals, or Railroads, in, over, and through the same, to be set out by Our Governor for the time being of Our said Geomy, or some person by him authorised in that respect; And also all Saud, Clay, Stone, Gravel, and Indigenous Timber, and all other Materials, the natural produce of the said Land, which may be required at any time or times hereafter . for the construction and repair of any Public Ways, Bridges, Canals, and Railroads, or any Fences, Embankments, Dams, Sewers, or  $i_{Re}$ Drains, necessary for the same, together with the right of taking and removing all such Materials; And we do hereby further Reserve unto Us, Our Heirs and Successors, the right of full and free ingress, egress, and regress, into, out of, and upon the said Land, for the several purposes aforesaid : In Testimony Albertof We have caused this Our Grant to be Sealed with the Seal of Our said Colony. For say WITNESS Our Every and Wellbeloved Sir Anthony Marcark Christian Grand. Corres of the prost Diethingune be do & der of St Michael and St George Governoor and Constanting of QUEEXELSED and its Dependencies, at Government House, Bristone, in QUEEXELSED aforeaut, this Scarth \_\_\_\_\_\_ day of Schamber in the Forty muth year of Our Reign, and in the year of our Lord One thousand eight hundred and - Cighty fire (Dal) & -(Dgd) A Musquare ENTERED in the Register Book \_\_\_\_\_ Vol. 562\_\_\_, Folio 197 \_\_, this high tee - the day of September \_\_\_\_ 1885 (Agt) The mylne BROTHERS of Dilles Ž.

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	Vol.: C 176 Fol.:204
¢,	
	Ross I. QUEENSLAND. 30176224
	Deed of Brant of Asnd
	No. C.9300 Acquired by AGRICULTURAL SELECTION
Ċ.	George the Sixth, Second and the Grace of God of Great Reitain Ireland and the Writich Dominium
	beyond the Seas, Ring, Befender of the Faith, Emperor of India:-
	To All to whom these Presents shall come, Greeting:
	ALFRED LAMES BOVLE as Administrators of the sources of Black of Black Deck Deck Deck Deck Deck Deck Deck De
,	
٢	has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described : now Rnow De that, in consideration of the premises
	and of the sum of Three hundred and fifty sight pounds nineteen shillings and eleven pence
	We, with the advice of The Executive Council of Our said State, have Granted, and for Us, Our Heirs and Successors, an hereby Grant unto the said
	Alfred James Boyle, as such administrator as sforesaid, his Administrators
Ç,	and Assigns, subject to the Reservations hereinafter mentioned, All that
	Parcel of Land in Our said State, containing by admeasurement four bundred and seventy-sight acres two roods twenty-five perche
ŧ,	be the same more or less, situated in the County ofClinton Parish of _Mt. Larcon,Portions three, six and seven:
	Being the land selected as Agricultural Farm No.565, Gladstone District;
	Commencing at the north-west comer of portion 4 and bounded thence by that portion bearing south 40 chains 29,2/10
	links, by portion 5 bearing west 7 chains 76 links, by that portion and portion 8 bearing ageth 79 chains 10 1/10
	links, by portion 25 bearing west 38 chains 53 links, by a road bearing 341 degrees 5 chains 27 links and 250 dame
Ċ.	52 minutes 96 chains 4 2/10 links. By lines bearing east 12 chains 65 links
	80 degraps 36 obsins 12 links to the neight of commencest
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ن	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any
ں ب	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_eny_of_them;
ບ ເຈີ	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any pert of the soil of the said_roads_or_any_of_them:
ن : منه	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any_of_them:
U U I I I I I I I I I I I I I I I I I I	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any of_them:
ن ب ب	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any_of_them:
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any_of_them: To Both unto the said_Alfred_James_Boyle, as euch_administrator_as_storesaid, his_Administrators and Assigns for ever, Vielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Bent of One Peppercorn for ever, if demanded : But Subjett Schertheless to the several Conditions and Reservations contained in and declared by "The Land Acts, 1910 to 1936," "The Mining on Private Land Acts, 1909 to 1929," and "The Petroleum Acts, 1923 to 1929 ") if the We be pieteby 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, 1906 to 1929"), on and below the surface of the said Land, and to great parsons a shell term time to this to the surface of the said Land: "And We he piereby also reserve unto Us, Our Heirs and Successors, all Gold and Minerals
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any_of_them: To Hoch unto the said_Alfred_James_Boyle,_a3_such_administrator_as_aforesaid, his_Administrators and Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for ever, if demanded : But Subject Stretcher States to the several Conditions and Reservations contained in and declared by "The Land Acts, 1910 to 1936," "The Mining on Frivate Land Acts, 1909 to 1929," and "The Petroleum Acts, 1923 to 1929": In the b pittly restrict 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 1929"), 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: Min We ho thereing also restrict unto Us, Our Heirs and Successors, and regress, into, upon, over, and out of the said Land, for the purpose of searching for or working Gold and Minerals access including ingress, agress, and regress, into, upon, over, and out of the said Land, for the purpose of searching for or working Gold and Minerals
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any_of_themi
	as shown on Flan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said roads or any of them: To Food unto the said Alfred James Royle, as such administrator, as aforesaid, his Administrators and Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for ever, if demanded : But Subjut Subjut Schuttplass to the several Conditions and Reservations contained in and declared by "The Land Acts, 1910 to 1936," "The Mining on Private Land Acts, 1909 to 1929," and "The Petroleum Acts, 1923 to 1929" : Sind W2 to bettep restrue 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, 1900 to 1929," on and below the surface of the said Land, and to such persons as shall from time to time be duly authorised by Us in that behalf, the free right and privilege of access, all Hom, or Miners of Gold and Minerals, or any of them, in any part of the said Land : Sind W2 to bettey also restrict unto US, Our Heirs and Successors, all Petroleum Acts, 1923 to 1929"), on or below the surface of the said Land : "Petroleum Acts, 1923 to 1929"), on or below the surface of the said land : "Petroleum Acts have the same meaning as in "The Paroleum Acts, 1923 to 1929"), on or below the surface of the said land : Sind W2 to bettey also restrict unto Us, Our Heirs and Successors, and regress, into, upon, over, and out of the said Land : Sind W2 to bettey also restrict unto Us, Our Heirs and Successors, all Petroleum Acts, 1923 to 1929"), on or below the surface of the said Land : Sind W2 to bettey also restrict unto Us, Our Heirs and Successors, all Petroleum (to have the same meaning as in "The Peroleum Acts, 1923 to 1929"), on or below the surface of the said Land : Sind W2 to bettey also restrict unto Us, Our Heirs and Successors, all Petroleum (to have the same meaning as in "The Peroleu
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any_of_themi
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_reads_or_sny_of_themi
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any of_thema:
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the coil of the said roads or any of them: To Refb unto the said Alffed James Royle, as each administrator as aforesaid, his Administrator and Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Pepperson for ever, if demanded : But Subject Startifieds to the several Conditions and Reservations contained in and declared by "The Land Acis, 1910 to 1936," "The Mixing on Private Land Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Pepperson for ever, if demanded : But Subject Startifieds to the several Conditions and Reservations contained in and declared by "The Land Acis, 1910 to 1936," "The Mixing on Private Land Acis, 1000 to 1929," and "The Petroleum Acis, 1923 to 1929": Sinb We to petrby restrict unto US, Our Heirs and Successors, all Gold and Minerals the term "Minerals" to have the same meaning as in "The Mixing on Private Land Acis, 1900 to 1929"), on and below the surface of the said Land: And We to petrbe also restrict unto Us, Our Heirs and Successors, 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, for Mines of Gold and Minerals, or any of them, in any part of the said Land; for the purpose of searching for the suifae of the said Land : Sinb We to be petroleum Mines of the said I chait, sinb We to prive fast restruct unto US, Our Heirs and Successors, and Minerals, or any of them, in any part of the said Land : (1928 to 1929"), on or below the surface of the said I chait, Sinb Birb to hyperby also restruct unto Us, Our Heirs and Successors, and Minerals, or any of thom, in any part of the said Land : (1928 to 1929 "), on or below the surface of the said Land : Sinb Birb to the surface of the said Land : Sinb Birb to the said and i S
ى ئ ي ي ي ي ي	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the seil of the said_roade_or_any_of_them: 
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said <u>Laads or any of them:</u> To Roth unto the said <u>Alffed James Bayle, as such administrator as aforeaaid, his Administrators</u> To Roth unto the said <u>Alffed James Bayle, as such administrator as aforeaaid, his Administrators</u> and Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Ront of One Pepperson for ever, if demanded : East Subjut Steurificies to the several Conditions and Reservations contained in and declared by "The Land Acts, 1010 to 1856," "The Mining on Private Land Acts, 1009 to 1929," and "The Parokenn Acts, 1923 to 1929 ": Sint Bue to pretry restrict 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, 1900 to 1929"), on and below the suiface of the said Land, and a Winersals, or and below the sumface of the suif Land is find We to pretry status restrice unto Us, Our Heirs and Successors, and regress, into, upon, over, and out of the said Land; find We to in that behalf, the free right and Jurilego of access, including ingress, egress, and regress, into, upon, over, and out of the said Land; find We ho is the state of the said Land: Sind Minerals or any of theon, in any part of the said Land; 2012 to 1929"), on a collow the surface of the said Land; sind sing all rights of access and find and Binnerals, or any of them, in any part of the said Land; 2012 to 1929"), on a collow the surface of the said Land; sind sing all rights of access are found for the purpose of searching for, and for the operations of obtaining Potoleum in the orent of Petroleum bing obtained in any part of the said Land; for the purpose of searching for, and for the operations of obtaining Potoleum in any part of the said Land; find We ho also lurging regress and for the seard Successors, all Helinm found in association
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_roads_or_any_of_themi
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoover thereto belonging, but not including any part of the soil of the said_road_or_any_of_themi To Byth unto the said_road_nor_any_of_themi To Byth unto the said_road_nor_any_of_themi To Byth unto the said_road_road_nor_any_of_themi To Byth unto the said_road_road_nor_any_of_themi To Byth unto the said_road_road_nor_any_of_themi To Byth unto the said_road_road_nor_any_of_themi To Byth unto the said_road_road_nor_any of_themi To Byth unto the said_road_road_nor_any of themi To Byth unto the said_road_road_road_nor_any of themi To Byth unto the said_road_road_nor_any of the said the said the said Successors, the Quit-Road of One Pepperson for ever, if demanded is the Subject Shurtpling to the overal Conditions and Reservations contained in and declared by "The Land Act, 1900 to 1995," "The Bining on Trivite Land Act, 1000 to 1998," and "The Patroleum Act, 1925 to 1920" : Sint We by herthy restrict unto US, Our Heirs and Successors, all Gold and Minerals the turn "Minerals" to have the said meaning as in "The Mining on Private Land Act, 1900 to 1999, on and bolds the unto end the said Land, and a such precess as shall from time to time be duly authorised by U is in that behalf, the free right and privileg of access, including ingress, egress, and regress, into, upon, over, and out of the said Land, or the purpose of searching for or working Gold and Minerals, or any of them, or Mines of Gold and Minerals, or any of thom, in any part of the said Land. Is Bit by brite plato restrict unto US, Our Heirs and Successors, all Petroleum "to have the same counting and "The Petroleum Act, 1926 to 1929", on or bolow the surface of the said Land in the the said Land. Successors, all Helim found in association with Petroleum in any part of the said Land : Sint Bit Bit Bit by the same meaning as in "The Petroleum in the oreast of Petroleum in the same of the said Land : and Tristimory Whytref We have caused this Cur Heirs and
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoover thereto belonging, but not including any part of the soil of the said_Loads_or_sny_of_thent
	as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoover thersto belonging, but not including any part of the soil of the said_road.or.any of_themi 
	as shown on Flan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the said_reads.or.sny of_themi
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ى ي ي ي ي ي ي	as shown on Flan of Survey doposited in the Survey Office, with all the Nights and Appurtenances whatsoever thereto belonging, but not including any part of the soil of the soil Loads or any of themi
	as shown on Plan of Survey deposited in the Survey Office, with all the Eights and Appurtenances whatsoover thereto belonging, but not including any part of the soil of the soil creak. or any of thema- Bart of the soil of the soil creak. or any of thema- and Assigns for ever, Fielding and Paying therefor Yasty unto Us, Our Hairs and Successors, the Quiternative to Us, Our Hairs and Successors, and Payings of a such Land, star, 1992 to 1993 '' in that behalf, the first eight and first and Successors, and

:`

40025540 V0 See ATS for Status Page 1 of 1

[Form 1.1]



# Title Reference: 40025540

QUEENSLAND

# 002540

Pota aminim

# DEED OF GRANT OF LAND

Land Act 1994

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, under the Land Act 1994, grant in fee simple all that parcel of land described in Schedule 1 to the person described in Schedule 2,

SUBJECT TO the reservations and conditions specified, and such other reservations and conditions as may be contained in and declared by the laws of the State.

Specified Reservations -

- (a) All minerals (as defined by the Mineral Resources Act 1989) on and below the surface of the land
- (b) The right of access for the purpose of searching for and working any mines (as defined by the Mineral Resources Act 1989) in any part of the land
- (c) All petroleum (as defined by the Petroleum Act 1923) on and below the surface of the land
- (d) 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 pipelines and other purposes requisite for obtaining and conveying petroleum in the event of petroleum being obtained in any part of the said land.
- (e) All quarry material (as defined by the Forestry Act 1959) on and below the surface of the land

### Specified Conditions - Nil-

IN TESTIMONY WHEREOF. WE have caused this OUR grant to be sealed with the Seal of the State of Queensland

WITNESS Out Trusty and Weil-beloved His Excullency Major General Peter Arnison, Officer of the Order of Australia, Governor in and over the State of Queensland and its Dependencies, in the Commonwealth of Australia at Government House, Brisbane, in Queensland aloresaid, this 27th day of July, in the 49th Year of Qur Reign and in the year of Qur Lord 2000.

# SCHEDULE 1 DESCRIPTION OF LAND

Lot/Plan 🕗	County 5	Parish
25/SP104429 ·	CLINTON	CALLIOPE
	•	MT LARCOM

Nett Area 893.4 Ha. (Refer to plan for exclusion/s and/or depth restriction/s)

Note: For details of description, dimensions and marking of boundaries refer to plan mentioned above.

### SCHEDULE 2 - GRANTEE

THE STATE OF QUEENSLAND (REPRESENTED BY THE DEPARTMENT OF STATE DEVELOPMENT-GLR NO 99420)

Department of Natural Resources Reference: 2000/002190 Previous File Ref : ROC/002618

# CURRENT TITLE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 50672184 Date Created: 06/07/2007

Previous Title: 30610008

### REGISTERED OWNER

Dealing No: 710767760 29/06/2007

TRANSPACIFIC INDUSTRIES PTY LTD A.C.N. 010 745 383

# ESTATE AND LAND

Estate in Fee Simple

LOT 1 SURVEY PLAN 200852 County of CLINTON Parish of CALLIOPE Local Government: GLADSTONE

- Rights and interests reserved to the Crown by Deed of Grant No. 30595194 (Lot 135 on CP CTN2169)
- 2. EASEMENT IN GROSS No 601340850 (C595021Y) 11/05/1990 BURDENING THE LAND TO THE GLADSTONE AREA WATER BOARD OVER EASEMENT C ON CP MP32673 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT
- 3. EASEMENT IN GROSS No 601340851 (C595022C) 11/05/1990 BURDENING THE LAND TO THE QUEENSLAND CEMENT AND LIME COMPANY LIMITED OVER EASEMENT B ON CP MP33364 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT
- 4. EASEMENT IN GROSS No 703357592 26/05/1999 at 10:33 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINES PTY LTD A.C.N. 083 050 104 over , EASEMENT D ON SP106109
- 5. CHANGE OF NAME NO 710150099 01/12/2006 at 14:56 EASEMENT IN GROSS: 703357592 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINES PTY LTD TENANT IN COMMON 1/4

# CURRENT TITLE SEARCH NATURAL RESOURCES AND WATER, QUEENSLAND

NATURAL RESOURCES AND WATER, QUE

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 50672184 Date Created: 06/07/2007

# EASEMENTS, ENCUMBRANCES AND INTERESTS

- 6. CHANGE OF NAME NO 710150106 01/12/2006 at 14:57 EASEMENT IN GROSS: 703357592 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
- 7. EASEMENT IN GROSS NO 703413109 24/06/1999 at 14:49 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 over EASEMENT E ON SP116554
- 8. CHANGE OF NAME No 710150019 01/12/2006 at 14:45 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED TENANT IN COMMON 1/4
- 9. CHANGE OF NAME No 710150029 01/12/2006 at 14:47 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4
- 10. EASEMENT No 711080357 11/10/2007 at 13:56 benefiting the land over EASEMENT F ON SP147725

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

# CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current Title Search \*\*

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NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 50672184 Date Created: 06/07/2007

Previous Title: 30610008

REGISTERED OWNER

Dealing No: 710767760 29/06/2007

TRANSPACIFIC INDUSTRIES PTY LTD A.C.N. 010 745 383

# ESTATE AND LAND

. Estate in Fee Simple

LOT 1 SURVEY PLAN 200852 County of CLINTON Parish of CALLIOPE Local Government: GLADSTONE

- EASEMENT No 711080357 benefiting the land over EASEMENT F ON SP147725 Lodged at 13:56 on 11/10/2007
- 2. CHANGE OF NAME No 710150106 EASEMENT IN GROSS: 703357592 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 14:57 on 01/12/2006
- 3. CHANGE OF NAME No 710150099 EASEMENT IN GROSS: 703357592 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINES PTY LTD TENANT IN COMMON 1/4 Lodged at 14:56 on 01/12/2006
- 4. CHANGE OF NAME No 710150029 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 14:47 on 01/12/2006
- 5. CHANGE OF NAME No 710150019 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED TENANT IN COMMON 1/4 Lodged at 14:45 on 01/12/2006

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 50672184 Date Created: 06/07/2007

EASEMENTS, ENCUMBRANCES AND INTERESTS

- 6. EASEMENT IN GROSS NO 703413109 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 over EASEMENT E ON SP116554 Lodged at 14:49 on 24/06/1999
- 7. EASEMENT IN GROSS NO 703357592 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINES PTY LTD A.C.N. 083 050 104 over EASEMENT D ON SP106109 Lodged at 10:33 on 26/05/1999
- 8. EASEMENT IN GROSS NO 601340851 (C595022C) BURDENING THE LAND TO THE QUEENSLAND CEMENT AND LIME COMPANY LIMITED OVER EASEMENT B ON CP MP33364 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT Lodged at 00:00 on 11/05/1990
- 9. EASEMENT IN GROSS No 601340850 (C595021Y) BURDENING THE LAND TO THE GLADSTONE AREA WATER BOARD OVER EASEMENT C ON CP MP32673 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT Lodged at 00:00 on 11/05/1990
- Rights and interests reserved to the Crown by Deed of Grant No. 30595194 (Lot 135 on CP CTN2169)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

# CERTIFICATE OF TITLE ISSUED - NO

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

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NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 30610008 Date Created: 16/05/1991

Previous Title: 30492045 30593217 30595194

### This Title Has Been Fully Cancelled.

### REGISTERED OWNER

Dealing No: 708019313 01/09/2004

TRANSPACIFIC INDUSTRIES PTY LTD A.C.N. 010 745 383

TRANSFER No 708019313 TRANSPACIFIC INDUSTRIES PTY LTD A.C.N. 010 745 383 Lodged at 11:25 on 01/09/2004

CHANGE OF NAME No 701684520 to TICOR CHEMICAL COMPANY PTY LTD A.C.N. 010 815 399 Lodged at 11:27 on 29/11/1996

# ESTATE AND LAND

Estate in Fee Simple

LOT 135 REGISTERED PLAN 801113 County of CLINTON Parish of CALLIOPE Local Government: GLADSTONE

- 1. SURVEY PLAN No 710767760
  subdivides the land into
  LOTS 1 AND 2 ON SP200852
  Lodged at 11:02 on 29/06/2007
- 2. CORRECTION NO 710178467 OF THE ENDORSEMENT FOR DEALING 710150106 FROM: DUKE QUEENSLAND PIPELINE PTY LTD TENANT IN COMMON 3/4 Lodged at 15:32 on 12/12/2006
- 3. CORRECTION NO 710178418 OF THE ENDORSEMENT FOR DEALING 710150029 FROM: DUKE QUEENSLAND PIPELINE PTY LTD TENANT IN COMMON 3/4 Lodged at 15:26 on 12/12/2006

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 30610008 Date Created: 16/05/1991

- 4. CHANGE OF NAME NO 710150106 EASEMENT IN GROSS: 703357592 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 14:57 on 01/12/2006
- 5. CHANGE OF NAME No 710150099 EASEMENT IN GROSS: 703357592 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINES PTY LTD TENANT IN COMMON 1/4 Lodged at 14:56 on 01/12/2006
- 6. CHANGE OF NAME NO 710150029 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 14:47 on 01/12/2006
- 7. CHANGE OF NAME NO 710150019 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED TENANT IN COMMON 1/4 Lodged at 14:45 on 01/12/2006
- 8. RELEASE No 708674748
  MORTGAGE: 708133195
  Lodged at 14:26 on 20/05/2005
- 9. MORTGAGE NO 708133195 CANCELLED BY 708674748 WESTPAC BANKING CORPORATION A.B.N. 33 007 457 141 Lodged at 10:10 on 14/10/2004
- 10. EASEMENT IN GROSS No 703413109 CANCELLED BY 710150029 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 over EASEMENT E ON SP116554 Lodged at 14:49 on 24/06/1999
- 11. SURVEY PLAN No 703413103 surveys part of the land into EASEMENT E ON SP116554 Lodged at 14:48 on 24/06/1999

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

**Title Reference: 30610008** Date Created: 16/05/1991

- 12. EASEMENT IN GROSS No 703357592 CANCELLED BY 710150106 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINES PTY LTD A.C.N. 083 050 104 over EASEMENT D ON SP106109 Lodged at 10:33 on 26/05/1999
- 13. SURVEY PLAN No 703357582 surveys part of the land into EASEMENT D ON SP106109 Lodged at 10:31 on 26/05/1999
- 14. RELEASE No 702949062 MORTGAGE: 601340853 (C616262T) Lodged at 10:06 on 15/10/1998
- 15. RELEASE No 702949055 MORTGAGE: 601340852 (C595023E) Lodged at 10:05 on 15/10/1998
- 16. MORTGAGE No 601340853 (C616262T) CANCELLED BY 702949062 TO HONGKONGBANK OF AUSTRALIA LIMITED, AIDC LTD, BARCLAYS BANK AUSTRALIA LIMITED, FUJI INTERNATIONAL FINANCE (AUSTRALIA) LIMITED Lodged at 00:00 on 24/04/1991
- 17. MORTGAGE No 601340852 (C595023E) CANCELLED BY 702949055 TO HONGKONGBANK OF AUSTRALIA LIMITED, AIDC LTD, BARCLAYS BANK AUSTRALIA LIMITED, FUJI INTERNATIONAL FINANCE (AUSTRALIA) LIMITED Lodged at 00:00 on 11/05/1990
- 18. EASEMENT IN GROSS NO 601340851 (C595022C) BURDENING THE LAND TO THE QUEENSLAND CEMENT AND LIME COMPANY LIMITED OVER EASEMENT B ON CP MP33364 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT Lodged at 00:00 on 11/05/1990
- 19. EASEMENT IN GROSS No 601340850 (C595021Y) BURDENING THE LAND TO THE GLADSTONE AREA WATER BOARD OVER EASEMENT C ON CP MP32673 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT Lodged at 00:00 on 11/05/1990

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 30610008 Date Created: 16/05/1991

# EASEMENTS, ENCUMBRANCES AND INTERESTS

- 20. EASEMENT IN GROSS NO 601340849 (C595020W) BURDENING THE LAND TO THE CAPRICORNIA ELECTRICITY BOARD OVER EASEMENT A ON CP MP32414 UNDER SECTION 32 OF THE MINING TITLES FREEHOLDING ACT Lodged at 00:00 on 11/05/1990
- 21. Rights and interests reserved to the Crown by Deed of Grant No. 30285049 (POR 106) Deed of Grant No. 30492045 (POR 71) Deed of Grant No. 30595194 (Lot 135 on CP CTN2169)

ADMINISTRATIVE ADVICES Dealing Type 707929154 SETTLMNT NTC 708086738 SETTLMNT NTC UNREGISTERED DEALINGS - NIL

 Lodgement
 Date
 Status

 28/07/2004
 14:18
 NOT
 CURRENT

 27/09/2004
 11:34
 NOT
 CURRENT

### CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

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CERTIFICATE OF TITLE

40304 Dealing Nos.: C616260N, C616261L

QUEENSLAND

 Previous Titles:

 Vol. C492 Fol. 45

 C593 217

 C595 194





8

Issued: 16 May, 1991

Vol. C.610 Fol.

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such easements encumbrances and interests as are shown in the Second Schedule.

Witness: Adardo

Acting Local Deputy Registrar of Titles (Central District)

# ESTATE AND LAND

Estate in Fee Simple in Lot 135 on RP801113 County of Clinton Parish of Calliope Containing 64.42 hectares

# FIRST SCHEDULE

MINPROC CHEMICAL COMPANY PTY. LTD.

# SECOND SCHEDULE

- 1. Rights and interests reserved to the Crown by Deed of Grant Volume C595 Folio 194 (Lot 135 on CTN2169), Volume C492 Folio 45 (Por 71) and No. C12146 (Por 106)
- Easement No. C595020W to The Capricornia Electricity Board over Easement A on MP32414 under Section 32 of The Mining Titles Freeholding Act Recorded 11 May 1990
- 3. Easement No. C595021Y to The Gladstone Area Water Board over Easement C on MP32673 under Section 34 of The Mining Titles Freeholding Act Recorded 11 May 1990
- 4. Easement No. C595022C to The Queensland Cement and Lime Company Limited over Easement B on MP33364 under Section 34 of The Mining Titles Freeholding Act Recorded 11 May 1990
- Recorded 11 May 1990 5. Mortgage No. C595023E to HongkongBank of Australia Limited Australia Limited and Fuji International Finance (Australia) Limited Recorded (11 May 1990

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR OF TITLES ARE CANCELLED PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON

FOR DETAILS OF DESCRIPTION, DIMENSIONS AND MARKING OF BOUNDARIES REFER TO SURVEY PLAN REFERRED TO ABOVE.

8		.Fol.	^• <b>C</b> 910	2 of 2 Pages)	sge	- - -		
	RECORDED					ATION INSTRUMENT		ARE CANCELLED.
	INSTRUMENT					CANCELL NUMBER   PRODICED		IE REGISTRAR OF TITLES nstead of on this Certificate
ntinued)	NATURE		 		continued)	DED	A A A A A A A A A A A A A A A A A A A	E SEAL OF TH al Lease only i
RST SCHEDULE (co					COND SCHEDULE (	RECOF	1 7 MAY 1991 CER	HENTICATED BY TH corded on the Origin
	REGISTERED PROPRIETOR				SE	PARTICULARS	Hongkongbank of Australia Limited AIDC Ltd. Barclays Bank Australia Limited and Fuji International Finance (Australia) Limited	IES RULED THROUGH AND AUTI Dealings with this Lease will be Re
					F	PRODUCED	2441971991	NOTE: ENTR * D
					NOTDUNATIO	NUMBER	C616262T	
					Ş	ACT NATURE	Somo	

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## QUEENSLAND Deed of Grant of Land Land Act 1962-1981

VOL:C 492 FOLIO:045 1070/22

Acquired by PURCHASE izabeth 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:

Withtereas in conformity with the Laws and Regulations in force for the alignation of Crown Land in our State of Queensiand, and in pursuance of the provisions of Section 8(3) of the Mining Titles Freeholding Act 1980, ANDREW GUERASSIMOFF

has become stilled to a Deed of Grant in Foo-simple of the Land bereinsfter described: ONE HUNDRED AND TWELVE THOUSAND SEVEN HUNDRED AND TWENTY-EIGHT DOLLARS

NOW KNOW YE, in consideration of the premises and of the sum of-Mines runnt of here's any District Land Office of Our said State, and in further consideration of the Quitof the Dep for Us, and on Our behalf, paid into the Office in Brisbane Reat bereinafter reserved, WE, with the advice of The Executive Council of Our said State, have granted, and for Us, Our Heirs and Successors, do hereby Grant noto the said

ANDREW GUERASSIMOFF, his Administrators

and Assigns, subject to the Reservations hereinafter mention

139.8 HECTARES will That Parcel of Land in our State, containing by admossurement

be the same more or less, situated in the County of DEAS 'THOMPSON TARGINIE Parish of PORTION SEVENTY-ONE

deposited in the Department of Mapping and Surveying and as shown edged red on diagram bereon with all as delineated on plan of Survey catalogue No. DS. 6 Ds.620 To Hold unto the said Ehe Rights and Appurtmances whatse

# ANDREW GUERASSIMOFF, his Administrators

and Asigns for ever, Yiziding and Paying therefor Yashy unto Us, Our Heirs and Successors, the Quit-Rent of One Peoperson for ever, if demanded: But Subject Nevertheless to the meveral Conditions and Reservations contained in and declared by the Land Act 1952-1981, the Mining Act 1968-1980 and the Petroleum Act 1921-1981; AND WE do hereby meveral Conditions and Reservations contained in and declared by the Land Act 1952-1981, the Mining Act 1968-1980 and the Petroleum Act 1921-1981; AND WE do hereby mererre unto Us, Our Heirs and Successors, all Cold and Minerals (the term "Minerals" to have the same meaning as in the Mining Act 1968-1980, on and below the surface of the maid 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 percept maid Land, and all Mines of Gold and Minerals, on and below the surface of the said Land: AND WE do hereby also reserve anto Us, Our Heirs and Successors, 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 miles reserve anto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum. To have the same meaning as in the Petroleum Act 1922-1981), on or below the surface of searching for a working to face show the surface of Gold and Minerals, or any of them, in any part of the said Land: AND WE do hereby like near Land: AND atta all rights of access for the purpose of searching for, and for the operations of obtaining Petroleum head in any part of the said Land: away for access and for pipe lines and other purpose requisite for obtaining and convoying Petroleum in the event of Petroleum being obtained in any part of the said Land:

IN TESTIMONY WHEREOF, We have caused this Our Grant to be Scaled with the Scal of Our said State,

WITNESS Our Trusty and Well-beloved His Excellency Commadore Six IAMS MAXWILL RANSAY, Knight Commander of the Most Disting Michael and Sabit George, Commander of the Most Excellent Order of the Eritich Empire, spon whom has been conferred Distinguished Service Cross, and Commadore is the Royal Australian Nary (Reited), Governor is and over the State of Queensian is the Componencealth of Australia, et Government House, Erichaes, in Queensider Goversid, this February, in the thirty-first year of Our Reign and he was a for the product and artistic TWO February hundred and eighty- CWO.

ENTERED at	Country	Land in the Register	Book, Vol.	465	Fallo	360	In the Department of Mapping and Surveying, Queensland,	
RB	this	Third	वेन्म भी	March		19020	a l.	

SURVEYOR-GENERAL



Chemical Company Pty Ltd. A UMPACC Supplies Phy. Forguson REQUEST TO CH.+ - NAME NO. CO.15400W PRODUCED mention is to the velicity larve new seised of an China iΔ TRANSFER No. (436553: 200 05 May 1932) 52 10-20 al - 2 JUN 1987 11 APR 1991 ARkidged ۲ RECORDED Doch ACTING DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT) DEP. ROBINIZAN OF TITU'S EIL OF MOETGAGE 10 Hanglonglong of Chalins have tell. ALDC. Amilada fanchaya and Garana fan tedl. and Juji Internet Gara galana fan tella. No CO154 Ch. I. Harden Garan Juliana (Malana) REGETERD (Central Gaund 2 Par Ma Arthur 10 - Arthur 199 BALL GE MORTGAGE No. C 436554 Red AS at 10 20 oroð. DEPUTY REGISTRAR OF TITLES 0 -{1 (CENTRAL DISTRICT) BY PLAN CAT. No. 80/1/13 into 2013 71 and 135 BILL OF MORTGACE to Indreway Guer and ... the within land is subdivided Laia Jayan Grandering 10 CU37734 No. C 6155 ..... PRODUCED ...!? 25 JUNSKE 10  $\frac{1}{4}$ REGD. RECORDED Lot 71 only 14 MAY 1991 94 UPFO eference to New Titles. SUL Vol: C6 10 ACTING DEP. REGISTRAR OF TITLES RAR OF TITLES Fol: ` (Control District) (Central District) REQUEST to Issue Certificate of Title for Lot. 135.on RP arway 80/113 Provide the state of the state No. C 6162611 12 e ... Dec 983 PRALIE RECORDED REGISTING Vol. clor 0 с 43773 а DEPUTY DEPUTY REGISTRAP OF T 78 Fal ; 14 MAY 1991 9 (CENTRAL DISTRICT) Ī THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED DEP. REGISTRAR OF TITLES TO LOT(B) (Ceniral District) D5620 DN REGISTERED PLAN No. .. ٢ 1 4 APR 1985 Marc . . . . . DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT) EAVEAT Mimphon Resources No. 0574425 Y .... PROD Discont to . REGD/ WITTORNUN 1 9 144 19 ection 74 of the -operty Law Act DEP. REGISTRAR DE 1C STORAN <u>ιπρήζε Κιρευτείο Ράφ κ</u> now registered proprietors in fee simp RECORDED 30 MAY 1990 A.S. 7.12. DEPUTY REGISTRAN TITLES (CENTRAL DISTRICT)

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CERTIFICATE OF TITLE

M2-Govt. Printer

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Dealing No.: C583159E

49

Previous Title: Vol. C285 Fol. Vol. C 593 Fol.217





Issued: 6 November, 1989

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such easements encumbrances and interests as are shown in the Second Schedule.

Witness: > Welling

BQ. In mahon

Local Deputy Registrar of Titles. (Central District)

# ESTATE AND LAND

Estate in Fee Simple in Lot 30 on RP620183 County of Clinton Parish of Calliope Containing 336.612 hectares

# FIRST SCHEDULE

Frank William Wells BUTLER

SECOND SCHEDULE

- 1. Rights and interests reserved to the Crown by Deed of Grant No. C12146 (Por.106)
- 2. Easement No. C285964 to The Capricornia Regional Electricity Board over Easement A on RP610668 Produced 29 February 1972 Registered 10 March 1972
- 3. Easement No. C403793 to The Capricornia Electricity Board over Easement B on RP614425 Produced 22 September 1980 Registered 27 October 1980
- 4. Easement No. C437607 to The Gladstone Area Water Board over Easement C on RP614883 Produced 15 June 1982 Registered 22 September 1982
- 5. Easement No. C452816 to Lot 2 on RP614902, Lot 50 on CTN2086 and Lot 2 on RP614356 over Easement C on RP614883 Produced 12 April 1983 Registered 12 May 1983

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR OF TITLES ARE CANCELLED PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION HEREON FOR DETAILS OF DESCRIPTION, DIMENSIONS AND MARKING OF BOUNDARIES REFER TO SURVEY PLAN REFERRED TO ABOVE.

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FRANK WILL	IAM WELLS BUTLER,							
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294 degree	6 minutes 4 chains	6 7/10 links and ;	59 degrees 46 minute	es 42 chains 28 3/10 links	, on the north by a	line bearing 270 degree	17 0/10	
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# QUEENSLAND DEED OF GRANT OF LAND

Land Act 1962 - 1989

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 - 1989 and Section 16 of the Mining Titles Freeholding Act 1980-1989, do hereby Grant in fee simple unto the person described in the Second Schedule hereto, ALL that Parcel of Land in Our said State described in the First Schedule hereto and delineated on plan registered in the Department of Geographic Information and having Catalogue Number as stated in such First Schedule, SUBJECT TO the Reservations and Conditions hereinafter specified, and such other Reservations and Conditions as may be contained in and declared by the Laws of Our said State.

Specified Reservations -

1. (a) All minerals (as defined by the Mining Act 1968 - 1986) 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 - 1986) in any part of the land
- 2. (a) All petroleum (as defined by the Petroleum Act 1923 - 1986) on or below the surface of the land; and
  - 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 (b) the event of petroleum being obtained in any part of the said land.

Specified Conditions -< Ńil

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IN FESTIMONY WHEREOF, We have caused this Our Grant to be Sealed with the Seal of Our said State.

WITNESS Our Trusty and Well-beloved the Honourable Sir Walter Campbell, Companion of the Order of Australia, one of Her Majesty's Counsel learned in the taw, Governor in and over the State of Queensland and its Dependencies in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this 25th clay of April, in the 39th Year of Our Reign and in the year of Our Lord 1990.

W.B. Campbell

. 19

DEPUTY Registrar of Titles

1.0.00 FIRST SCHEDULE - DESCRIPTION OF LAND

.....

Lot / Plan 135/GTN2169 Area 62.0223 Ha.

CLINTON

County

Parish CALLIOPE

NOTE: For details of description, dimensions and marking of boundaries refer to survey plan mentioned above. SECOND SCHEDULE - GRANTEE

MINPROC RESOURCES PTY LIMITED

Department of Lands Reference - MHPL 15/1523. , Folio 194 this gu day of Mary ENTERED in Register, Vol. 595

C The State of Queensland (Department of Natural Resources and Water) 2008

		SECOND	SCHEDULE (continu	ed)				<u>57</u>
	REGI	ISTERED PROPRIETOR		NATURE	INSTRUMENT	PRODICED	RECORDED	<u>6</u> [
Minproc Chemical (	company Pty. Ltd	1.		Chge Name	C615400M	104PR1991	11 APR 1891 CHILLEDone (1)	0 <b>1</b> .
By Plan Cat No. 801	113 the within	land is subdivided into Lot 135		Plan	C615579K	12APR1991	14 MAY 1991 Sthlingon (1)	ਮ
Lot135 on RP801113	is Cancelled Vi	ide Vol.Cloro Fol. 8		Req/NT	C616261L	24APR1991	14. MAY 1991 St. Lefred (	ç
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		THIRD S	SCHEDULE (Easement	L is, Encumbr	ances and I	nterests)		5 Z 92
INSTRUME NATTRE NUMBE	NT PRODICED	PARTICULARS	RECORDED		NIMAR	CANC	CELLATION INSTRUMENT	(Pag
Easement C595020	Lo the Capri Easement A of Mining Title	icornia Electricity Board over n MP32414 under Section 32 of the s Freeholding Act	11 MAY 1990 2.2.2.2.	<b>E</b>				
Easement C595021	Y to The Glads Easement C o Mining Title	tone Area Water Board over n MP32673 under Section 34 of the s Freeholding Act	11 MAY 1990 B.B. Mr. Man	<b>()</b>				
Easement C595022	c to The Queen Limited over Section 34 o	sland Cement and Lime Company Easement B on MP33364 under of the Wining Titles Freeholding Act	t 11 MAY 1990 S.a.zuzu					-
Mtge C595023	E to Hong Kon Barclays Ba Internation	g Bank of Australia, AIDC Ltd, nk Australia Limited and Fuji al Finance (Australia) Limited	ereneware and the second	Ş	•			
	<u>,, ,</u>			-				
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		- , , , , , , , , , , , , , , , , , , ,						
	NOTE: EN1	TRIES RULED THROUGH AND AUTH	HENTICATED BY THE SE	AL OF THE	REGISTRAR	OF TITLES /	ARE CANCELLED	
		* Dealings with this Lease will be ]	Recorded on the Original L	ease only inst	ead of on this	Deed of Gran		
					•	F		- - - - -

# CURRENT TITLE SEARCH NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 50262977 Date Created: 14/04/1999

Previous Title: 17757183

REGISTERED OWNER

Dealing No: 704949496 07/08/2001

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

### ESTATE AND LAND

Estate in Fee Simple

LOT 1 SURVEY PLAN 108922 County of DEAS THOMPSON Parish of TARGINIE Local Government: GLADSTONE

- 1. Rights and interests reserved to the Crown by Deed of Grant No. 17757183 (Lot 1 on CP MPH32434)
- 2. EASEMENT No 700695771 13/06/1995 at 09:33 burdening the land to LOT 32 ON CP DS433;LOTS 102 AND 104 ON RP836495;LOT103 ON RP836457 AND LOT 101 ON RP620971 OVER EASEMENT A ON CROWN PLAN MPH33493 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT 1980 IDENTIFYING EASEMENT NO 2/1984 RECORDED 20/12/1984
- 3. EASEMENT IN GROSS No 703413109 24/06/1999 at 14:49 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 over EASEMENT C ON SP116554
- 4. CHANGE OF NAME No 710150019 01/12/2006 at 14:45 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED TENANT IN COMMON 1/4
- 5. CHANGE OF NAME No 710150029 01/12/2006 at 14:47 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4

# CURRENT TITLE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

**Title Reference: 50262977** Date Created: 14/04/1999

# EASEMENTS, ENCUMBRANCES AND INTERESTS

6. EASEMENT No 705171048 07/11/2001 at 14:58 burdening the land to LOT 103 ON RP836457 OVER EASEMENT D ON SP137061

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

# CERTIFICATE OF TITLE ISSUED - No

Corrections have occurred - Refer to Historical Search

Caution - Charges do not necessarily appear in order of priority

\*\* End of Current Title Search \*\*

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NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 50262977 Date Created: 14/04/1999

Previous Title: 17757183

### REGISTERED OWNER

Dealing No: 704949496 07/08/2001

THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND

TRANSFER No 704949496 THE MINISTER FOR INDUSTRIAL DEVELOPMENT OF QUEENSLAND Lodged at 14:52 on 07/08/2001

TRANSFER No 704885297 REMOVED Lodged at 14:18 on 10/07/2001

### ESTATE AND LAND

Estate in Fee Simple

LOT 1 SURVEY PLAN 108922 County of DEAS THOMPSON Parish of TARGINIE Local Government: GLADSTONE

- 1. CORRECTION No 710178418
  OF THE ENDORSEMENT FOR DEALING 710150029 FROM:
  DUKE QUEENSLAND PIPELINE PTY LTD TENANT IN COMMON 3/4
  Lodged at 15:26 on 12/12/2006
- 2. CHANGE OF NAME NO 710150029 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 ALINTA DEQP PTY LTD A.C.N. 083 050 104 TENANT IN COMMON 1/4 Lodged at 14:47 on 01/12/2006
- 3. CHANGE OF NAME NO 710150019 EASEMENT IN GROSS: 703413109 ALINTA DQP PTY LTD A.C.N. 083 050 284 TENANT IN COMMON 3/4 DEI QUEENSLAND PIPELINE PTY LIMITED TENANT IN COMMON 1/4 Lodged at 14:45 on 01/12/2006
- 4. EASEMENT No 705171048 burdening the land to LOT 103 ON RP836457 OVER EASEMENT D ON SP137061 Lodged at 14:58 on 07/11/2001

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 50262977 Date Created: 14/04/1999

### EASEMENTS, ENCUMBRANCES AND INTERESTS

- 5. SURVEY PLAN NO 705171042 surveys part of the land into EASEMENT D ON SP137061 Lodged at 14:57 on 07/11/2001
- 6. EASEMENT IN GROSS No 703413109 burdening the land DUKE QUEENSLAND PIPELINE PTY LTD A.C.N. 083 050 284 DEI QUEENSLAND PIPELINE PTY LIMITED A.C.N. 083 050 104 over EASEMENT C ON SP116554 Lodged at 14:49 on 24/06/1999
- 7. SURVEY PLAN No 703413103 surveys part of the land into EASEMENT C ON SP116554 Lodged at 14:48 on 24/06/1999
- 8. EASEMENT No 700695771 burdening the land to LOT 32 ON CP DS433;LOTS 102 AND 104 ON RP836495;LOT103 ON RP836457 AND LOT 101 ON RP620971 OVER EASEMENT A ON CROWN PLAN MPH33493 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT 1980 IDENTIFYING EASEMENT NO 2/1984 RECORDED 20/12/1984 Lodged at 09:33 on 13/06/1995
- 9. Rights and interests reserved to the Crown by Deed of Grant No. 17757183 (Lot 1 on CP MPH32434)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

# CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

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NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 17757183 Date Created: 09/06/1995

This Title Has Been Fully Cancelled.

# REGISTERED OWNER

Dealing No: 700974795 31/10/1995

TICOR CHEMICAL COMPANY PTY LTD A.C.N. 010 815 399

CHANGE OF NAME No 700974795 toTICOR CHEMICAL COMPANY PTY LTD Lodged at 11:11 on 31/10/1995

CHANGE OF NAME No 700974781 REMOVED Lodged at 11:08 on 31/10/1995

### ESTATE AND LAND

Estate in Fee Simple

LOT 1 CROWN PLAN MPH32434 County of DEAS THOMPSON Parish of TARGINIE

- 1. SURVEY PLAN No 703275194 subdivides the land into LOT 1 ON SP108922 Lodged at 14:50 on 12/04/1999
- 2. RELEASE No 702949068 MORTGAGE: 700695779 Lodged at 10:06 on 15/10/1998
- 3. RELEASE No 702949045 MORTGAGE: 700975193 Lodged at 10:04 on 15/10/1998
- 4. MORTGAGE No 700975193 CANCELLED BY 702949045 to HONGKONGBANK OF AUSTRALIA LIMITED Lodged at 12:33 on 31/10/1995

NATURAL RESOURCES AND WATER, QUEENSLAND

Request No: 4532593 Search Date: 28/07/2008 12:34

Title Reference: 17757183 Date Created: 09/06/1995

# EASEMENTS, ENCUMBRANCES AND INTERESTS

- 5. MORTGAGE NO 700695779 CANCELLED BY 702949068 to HONGKONGBANK OF AUSTRALIA LIMITED TENANT IN COMMON 1/4 AIDC LTD TENANT IN COMMON 1/4 BARCLAYS BANK AUSTRALIA LIMITED TENANT IN COMMON 1/4 FUJI INTERNATIONAL FINANCE (AUSTRALIA) LIMITED TENANT IN COMMON 1/4 under Section 34 of the Mining Titles Freeholding Act 1980 IDENTIFYING MORTGAGE NO 31/91 RECORDED 09/04/1991 Lodged at 09:34 on 13/06/1995
- 6. EASEMENT No 700695771 burdening the land to LOT 32 ON CP DS433;LOTS 102 AND 104 ON RP836495;LOT103 ON RP836457 AND LOT 101 ON RP620971 OVER EASEMENT A ON CROWN PLAN MPH33493 UNDER SECTION 34 OF THE MINING TITLES FREEHOLDING ACT 1980 IDENTIFYING EASEMENT NO 2/1984 RECORDED 20/12/1984 Lodged at 09:33 on 13/06/1995
- 7. MORTGAGE No 700711716 WITHDRAWN AND RE-ENTERED ON 23/05/1995 Lodged at 14:29 on 21/06/1995
- MORTGAGE No 700664689 WITHDRAWN AND RE-ENTERED ON 23/05/1995 Lodged at 15:48 on 23/05/1995
- 9. Rights and interests reserved to the Crown by Deed of Grant No. 17757183 (Lot 1 on CP MPH32434)

ADMINISTRATIVE ADVICES - NIL UNREGISTERED DEALINGS - NIL

### CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

\*\* End of Historical Title Search \*\*

COPYRIGHT THE STATE OF QUEENSLAND (NATURAL RESOURCES AND WATER) [2008] Requested By: External Supervisor 17757183 V0 See ATS for Status Page 1 of 2

[Form 1.1]



Title Reference: 17757183



# DEED OF GRANT OF LAND

Land Act 1962

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, under the Land Act 1962 and the Mining Titles Freeholding Act 1980, grant in fee simple all that parcel of land described in Schedule 1 to the person described in Schedule 2,

SUBJECT TO the reservations and conditions specified, and such other reservations and conditions as may be contained in and declared by the laws of the State.

Specified Reservations -

- (a) All minerals (as defined by the Mineral Resources Act 1989) on and below the surface of the land
- (b) The right of access for the purpose of searching for and working any mines (as defined by the Mineral Resources Act 1989) in any part of the land
- (c) All petroleum (as defined by the Petroleum Act 1923) on and below the surface of the land
- (d) 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 pipelines and other purposes requisite for obtaining and conveying petroleum in the event of petroleum being obtained in any part of the said land

Specified Conditions - Nil

IN TESTIMONY WHEREOF, WE have caused this OUR grant to be sealed with the Seal of the State of Queensland.

Witness our Trusty and Well-beloved Her Excellency Leneen Forde, Governor in and over the State of Queensland and its Dependencies, in the Commonwealth of Australia at Government House, Brisbane, in Queensland aforesaid, this 1st day of June, in the 44th Year of Our Reign and in the year of Our Lord 1995.

SCHEDULE 1 - DESCRIPTION OF LAND

Lot/Plan County 1/MPH32434 DEAS THOMPSON Parish TARGINIE

~ d

Area 40.370000 Ha.

Note: For details of description, dimensions and marking of boundaries refer to plan mentioned above.

### SCHEDULE 2 - GRANTEE

MINPROC CHEMICAL COMPANY PTY LTD

ENTERED in Register

Previous File Ref : MHPL 1514

this 9th day of June, 1995

Registrar of Titles

New Title Ref: 17757183

© The State of Queensland (Department of Natural Resources and Water) 2008

Department of Lands Reference: 95/002688

# **OWNERS COPY OF TITLE CANCELLED**

	PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT
Appendix E	Laboratory Soil Analysis Report



# Environmental Division



# **CERTIFICATE OF ANALYSIS**

Work Order	EM0808947	Page	: 1 of 9
Client		Laboratory	: Environmental Division Melbourne
Contact		Contact	: Paul Loewy
Address	BRISBANE QLD, AUSTRALIA 4001	Address	: 4 Westali Ro Springvale VIC Australia 3171
E-mail	: rob_ully@urscorp.com	E-mail	: paul.loewy@alsenviro.com
Telephone	: +61 32432111	Telephone	: +61-3-8549 9600
Facsimile	: +61 07 32432199	Facsimile	: +61-3-8549 9601
Project	: 42626231.91000	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	:		
C-O-C number	:	Date Samples Received	: 20-OCT-2008
Sampler	: DA	Issue Date	: 31-OCT-2008
Site	: GLNG - CURTIS ISLAND		
		No. of samples received	: 10
Quote number	: EN/001/08	No. of samples analysed	: 10

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

	NATA Accredited Laboratory 825	Signatories This document has been electronically carried out in compliance with procedures sp	signed by the authorized signatories becified in 21 CFR Part 11.	indicated below. Electronic signing has beer		
NAIA	accordance with NATA	Signatories	Position	Accreditation Category		
	accreditation requirements.	Herman Lin	Senior Inorganic Chemist	Inorganics		
WORLD RECOGNISED	Accredited for compliance with ISO/IEC 17025.	Kumara Dadallage	Senior Organic Chemist	Organics		
		Environmental Divis	sion Melhourne			

Part of the ALS Laboratory Group

4 Westall Rd Springvale VIC Australia 3171

Tel. +61-3-8549 9600 Fax. +61-3-8549 9601 www.alsglobal.com

A Campbell Brothers Limited Company



# **General Comments**

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insuffient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When date(s) and/or time(s) are shown bracketed, these have been assumed by the laboratory for processing purposes. If the sampling time is displayed as 0:00 the information was not provided by client.

 Key :
 CAS Number = Chemistry Abstract Services number

 LOR = Limit of reporting

 ^ = This result is computed from individual analyte detections at or above the level of reporting

• EP068: Insufficient sample has been provided for standard analysis. Where applicable LOR values have been adjusted accordingly.



# Analytical Results

Sub-Matrix: SOIL		Clie	nt sample ID	HA#1 - surface	HA#1 - 0.5m	HA#2 - surface	HA#2 - 0.5m	HA#3 - surface
	Cli	ent samplii	ng date / time	17-OCT-2008 15:00				
Compound	CAS Number	LOR	Unit	EM0808947-001	EM0808947-002	EM0808947-003	EM0808947-004	EM0808947-005
EA055: Moisture Content								
^ Moisture Content (dried @ 103°C)		1.0	%	14.6	9.8	7.9	8.4	10.8
EG005T: Total Metals by ICP-AES								
Arsenic	7440-38-2	5	mg/kg	707	803	787	856	1160
EP068A: Organochlorine Pesticides (OC)								
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
EP068B: Organophosphorus Pesticides (	OP)							
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05
Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05



# Analytical Results

Sub-Matrix: SOIL	Client sample ID			HA#1 - surface	HA#1 - 0.5m	HA#2 - surface	HA#2 - 0.5m	HA#3 - surface			
	Cl	ient sampli	ng date / time	17-OCT-2008 15:00							
Compound	CAS Number	LOR	Unit	EM0808947-001	EM0808947-002	EM0808947-003	EM0808947-004	EM0808947-005			
EP068B: Organophosphorus Pesticides (OP) - Continued											
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05			
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05			
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05			
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05			
Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05			
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05			
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05			
EP068S: Organochlorine Pesticide Surrogate											
Dibromo-DDE	21655-73-2	0.1	%	93.4	69.7	99.5	93.8	90.1			
EP068T: Organophosphorus Pesticide Surrogate											
DEF	78-48-8	0.1	%	93.5	75.1	110	105	93.1			



# Analytical Results

Sub-Matrix: SOIL	Client sample ID			HA#3 - 0.5m	HA#4 - surface	QA/QC #1	 
	Client sampling date / time		17-OCT-2008 15:00	17-OCT-2008 15:00	17-OCT-2008 15:00	 	
Compound	CAS Number	LOR	Unit	EM0808947-006	EM0808947-007	EM0808947-008	 
EA055: Moisture Content							
^ Moisture Content (dried @ 103°C)		1.0	%	5.3	14.5	14.8	 
EG005T: Total Metals by ICP-AES							
Arsenic	7440-38-2	5	mg/kg	951	921	562	 
EP068A: Organochlorine Pesticides (OC)							
alpha-BHC	319-84-6	0.05	mg/kg	<0.05	<0.05	<0.05	 
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg	<0.05	<0.05	<0.05	 
beta-BHC	319-85-7	0.05	mg/kg	<0.05	<0.05	<0.05	 
gamma-BHC	58-89-9	0.05	mg/kg	<0.05	<0.05	<0.05	 
delta-BHC	319-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	 
Heptachlor	76-44-8	0.05	mg/kg	<0.05	<0.05	<0.05	 
Aldrin	309-00-2	0.05	mg/kg	<0.05	<0.05	<0.05	 
Heptachlor epoxide	1024-57-3	0.05	mg/kg	<0.05	<0.05	<0.05	 
trans-Chlordane	5103-74-2	0.05	mg/kg	<0.05	<0.05	<0.05	 
alpha-Endosulfan	959-98-8	0.05	mg/kg	<0.05	<0.05	<0.05	 
cis-Chlordane	5103-71-9	0.05	mg/kg	<0.05	<0.05	<0.05	 
Dieldrin	60-57-1	0.05	mg/kg	<0.05	<0.05	<0.05	 
4.4`-DDE	72-55-9	0.05	mg/kg	<0.05	<0.05	<0.05	 
Endrin	72-20-8	0.05	mg/kg	<0.05	<0.05	<0.05	 
beta-Endosulfan	33213-65-9	0.05	mg/kg	<0.05	<0.05	<0.05	 
4.4`-DDD	72-54-8	0.05	mg/kg	<0.05	<0.05	<0.05	 
Endrin aldehyde	7421-93-4	0.05	mg/kg	<0.05	<0.05	<0.05	 
Endosulfan sulfate	1031-07-8	0.05	mg/kg	<0.05	<0.05	<0.05	 
4.4`-DDT	50-29-3	0.2	mg/kg	<0.2	<0.2	<0.2	 
Endrin ketone	53494-70-5	0.05	mg/kg	<0.05	<0.05	<0.05	 
Methoxychlor	72-43-5	0.2	mg/kg	<0.2	<0.2	<0.2	 
EP068B: Organophosphorus Pesticides (C	OP)						
Dichlorvos	62-73-7	0.05	mg/kg	<0.05	<0.05	<0.05	 
Demeton-S-methyl	919-86-8	0.05	mg/kg	<0.05	<0.05	<0.05	 
Monocrotophos	6923-22-4	0.2	mg/kg	<0.2	<0.2	<0.2	 
Dimethoate	60-51-5	0.05	mg/kg	<0.05	<0.05	<0.05	 
Diazinon	333-41-5	0.05	mg/kg	<0.05	<0.05	<0.05	 
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	<0.05	<0.05	<0.05	 
Parathion-methyl	298-00-0	0.2	mg/kg	<0.2	<0.2	<0.2	 
Malathion	121-75-5	0.05	mg/kg	<0.05	<0.05	<0.05	 
Fenthion	55-38-9	0.05	mg/kg	<0.05	<0.05	<0.05	 
Chlorpyrifos	2921-88-2	0.05	mg/kg	<0.05	<0.05	<0.05	 
Parathion	56-38-2	0.2	mg/kg	<0.2	<0.2	<0.2	 
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	<0.05	<0.05	<0.05	 


## Analytical Results

Sub-Matrix: SOIL		Clie	ent sample ID	HA#3 - 0.5m	HA#4 - surface	QA/QC #1	 
	Cli	ient sampli	ng date / time	17-OCT-2008 15:00	17-OCT-2008 15:00	17-OCT-2008 15:00	 
Compound	CAS Number	LOR	Unit	EM0808947-006	EM0808947-007	EM0808947-008	 
EP068B: Organophosphorus Pesticides	(OP) - Continued						
Chlorfenvinphos	470-90-6	0.05	mg/kg	<0.05	<0.05	<0.05	 
Bromophos-ethyl	4824-78-6	0.05	mg/kg	<0.05	<0.05	<0.05	 
Fenamiphos	22224-92-6	0.05	mg/kg	<0.05	<0.05	<0.05	 
Prothiofos	34643-46-4	0.05	mg/kg	<0.05	<0.05	<0.05	 
Ethion	563-12-2	0.05	mg/kg	<0.05	<0.05	<0.05	 
Carbophenothion	786-19-6	0.05	mg/kg	<0.05	<0.05	<0.05	 
Azinphos Methyl	86-50-0	0.05	mg/kg	<0.05	<0.05	<0.05	 
EP068S: Organochlorine Pesticide Surro	gate						
Dibromo-DDE	21655-73-2	0.1	%	97.9	86.5	82.1	 
EP068T: Organophosphorus Pesticide S	urrogate						
DEF	78-48-8	0.1	%	104	94.9	90.0	 



## Analytical Results

Sub-Matrix: WATER		Clie	nt sample ID	QA/QC 100	QA/QC 101	 	
	Cli	ent samplin	g date / time	17-OCT-2008 15:00	17-OCT-2008 15:00	 	
Compound	CAS Number	LOR	Unit	EM0808947-009	EM0808947-010	 	
EG020T: Total Metals by ICP-MS							
Arsenic	7440-38-2	0.001	mg/L	<0.001	<0.001	 	
EP068A: Organochlorine Pesticides (OC)							
alpha-BHC	319-84-6	0.5	µg/L	<1.0	<1.0	 	
Hexachlorobenzene (HCB)	118-74-1	0.5	µg/L	<1.0	<1.0	 	
beta-BHC	319-85-7	0.5	µg/L	<1.0	<1.0	 	
gamma-BHC	58-89-9	0.5	µg/L	<1.0	<1.0	 	
delta-BHC	319-86-8	0.5	µg/L	<1.0	<1.0	 	
Heptachlor	76-44-8	0.5	µg/L	<1.0	<1.0	 	
Aldrin	309-00-2	0.5	µg/L	<1.0	<1.0	 	
Heptachlor epoxide	1024-57-3	0.5	µg/L	<1.0	<1.0	 	
trans-Chlordane	5103-74-2	0.5	µg/L	<1.0	<1.0	 	
alpha-Endosulfan	959-98-8	0.5	µg/L	<1.0	<1.0	 	
cis-Chlordane	5103-71-9	0.5	µg/L	<1.0	<1.0	 	
Dieldrin	60-57-1	0.5	µg/L	<1.0	<1.0	 	
4.4`-DDE	72-55-9	0.5	µg/L	<1.0	<1.0	 	
Endrin	72-20-8	0.5	µg/L	<1.0	<1.0	 	
beta-Endosulfan	33213-65-9	0.5	µg/L	<1.0	<1.0	 	
4.4`-DDD	72-54-8	0.5	µg/L	<1.0	<1.0	 	
Endrin aldehyde	7421-93-4	0.5	µg/L	<1.0	<1.0	 	
Endosulfan sulfate	1031-07-8	0.5	µg/L	<1.0	<1.0	 	
4.4`-DDT	50-29-3	2	µg/L	<4	<4	 	
Endrin ketone	53494-70-5	0.5	µg/L	<1.0	<1.0	 	
Methoxychlor	72-43-5	2	µg/L	<4	<4	 	
EP068B: Organophosphorus Pesticides (C	OP)						
Dichlorvos	62-73-7	0.5	µg/L	<1.0	<1.0	 	
Demeton-S-methyl	919-86-8	0.5	µg/L	<1.0	<1.0	 	
Monocrotophos	6923-22-4	2	µg/L	<4	<4	 	
Dimethoate	60-51-5	0.5	µg/L	<1.0	<1.0	 	
Diazinon	333-41-5	0.5	µg/L	<1.0	<1.0	 	
Chlorpyrifos-methyl	5598-13-0	0.5	µg/L	<1.0	<1.0	 	
Parathion-methyl	298-00-0	2	µg/L	<4	<4	 	
Malathion	121-75-5	0.5	µg/L	<1.0	<1.0	 	
Fenthion	55-38-9	0.5	µg/L	<1.0	<1.0	 	
Chlorpyrifos	2921-88-2	0.5	µg/L	<1.0	<1.0	 	
Parathion	56-38-2	2	µg/L	<4	<4	 	
Pirimphos-ethyl	23505-41-1	0.5	µg/L	<1.0	<1.0	 	
Chlorfenvinphos	470-90-6	0.5	µg/L	<1.0	<1.0	 	
Bromophos-ethyl	4824-78-6	0.5	µg/L	<1.0	<1.0	 	



## Analytical Results

Sub-Matrix: WATER		Clie	ent sample ID	QA/QC 100	QA/QC 101	 	
	Cl	ient sampli	ng date / time	17-OCT-2008 15:00	17-OCT-2008 15:00	 	
Compound	CAS Number	LOR	Unit	EM0808947-009	EM0808947-010	 	
EP068B: Organophosphorus Pesticides	(OP) - Continued						
Fenamiphos	22224-92-6	0.5	µg/L	<1.0	<1.0	 	
Prothiofos	34643-46-4	0.5	µg/L	<1.0	<1.0	 	
Ethion	563-12-2	0.5	µg/L	<1.0	<1.0	 	
Carbophenothion	786-19-6	0.5	µg/L	<1.0	<1.0	 	
Azinphos Methyl	86-50-0	0.5	µg/L	<1.0	<1.0	 	
EP068S: Organochlorine Pesticide Surro	ogate						
Dibromo-DDE	21655-73-2	0.1	%	82.8	91.9	 	
EP068T: Organophosphorus Pesticide S	urrogate						
DEF	78-48-8	0.1	%	79.6	87.0	 	



## Surrogate Control Limits

Sub-Matrix: SOIL		Recovery	Limits (%)
Compound	CAS Number	Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	130
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	53	140
Sub-Matrix: WATER		Recovery	Limits (%)
Compound	CAS Number	Low	High
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	130
Dibromo-DDE EP068T: Organophosphorus Pesticide Surrogate	21655-73-2	49	130

	PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT
Appendix F	Chain of Custody



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	PRELIMINARY SITE ASSESSMENT- SANTOS GLADSTONE LIQUEFIED NATURAL GAS (GLNG) PROJECT
Appendix G	EDM Results Table



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Sample ID					HA#1 - surface	QAQC#1	HA#1 - 0.5m	HA#2 - surface	HA#2 - 0.5m	HA#3 - surface	HA#3 - 0.5m	HA#4 - surface
Date Sampled					17/10/2008	17/10/2008	17/10/2008	17/10/2008	17/10/2008	17/10/2008	17/10/2008	17/10/2008
					Primary	Duplicate	Primary	Primary	Primary	Primary	Primany	Drimany
Sample Type					Sample	Sample	Sample	Samplé	Sample	Sample	Sample	Sample
Primary Sample ID					HA#1 - surface	HA#1 - surface	HA#1 - 0.5m	HA#2 - surface	HA#2 - 0.5m	HA#3 - surface	HA#3 - 0.5m	HA#4 - surface
Laboratory					ALS	ALS	ALS	ALS	ALS	ALS	ALS	ALS
Batch No.					EM0808947 MRED	EM0808947_ MRED	EM0808947 MRED	EM0808947_ MRED	EM0808947_ MRED	EM0808947	EM0808947 MRFD	EM0808947
			QEPA - EILS	NEPM -							1	
Analyte	LOR	Units		HBILS 'F'				-				
Moisture Content												
Moisture Content	1	%	ne	ne	14.6	14.8	9.8	7.9	8.4	10.8	52	14 E
Metals (Total)									5		2.2	C.+
Arsenic	5	mg/kg	20	500	707	562	803	787	856	11RD	061	State Dod and the
<b>Organochlorine Pestici</b>	ides (OC)									***	122	170
4,4-DDD	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4,4-DDE	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
4,4-DDT	0.2	mg/kg	0.2	ne	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
a-BHC	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Aldrin	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
b-BHC	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlordane - cis	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlordane - trans	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
d-BHC	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Uieldrin	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosultan 1	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosuiran 2	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosultan sultate	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin	0.05	mg/kg	пе	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin aldenyde	0.05	mg/kg	ne	ue	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Enarin Ketone	90.0	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
g-BHC	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachior	0.05	mg/kg	Ъ	20	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
neptaction epoxice	GU.U	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

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Location

Analytical results for soil samples.xls

Page 1 of 2

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Hexachlorobenzene	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Methoxychlor	0.2	mg/kg	ne	ne	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Organophosphorus Pe	sticides (OI	<u>(</u>										
Azinphos Methyl	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Bromophos-ethyl	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Carbophenothion	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorfenvinphos	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Chlorpyrifos-methyl	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Demeton-S-methyl	0.05	mg/kg	he	he	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon	0.05	mg/kg	ne	не	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos	0.05	mg/kg	ne	he	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dimethoate	0.05	mg/kg	ые	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethion	0.05	mg/kg	ne	he	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fenamiphos	0.05	mg/kg	he	Ъ	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fenthion	0.05	mg/kg	ne	Pe	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Malathion	0.05	mg/kg	ne	ы	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monocrotophos	0.2	mg/kg	ne	Pe	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0 2
Parathion	0.2	mg/kg	ne	eu	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Parathion-methyl	0.2	mg/kg	eu .	ne	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Pirimphos-ethyl	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Prothiofos	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Exceeds the Queensland acceeds the National Ear	Environment	tal Protection	Agency 1998	Environments b-b-codinge	al Investigation	Levels						
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