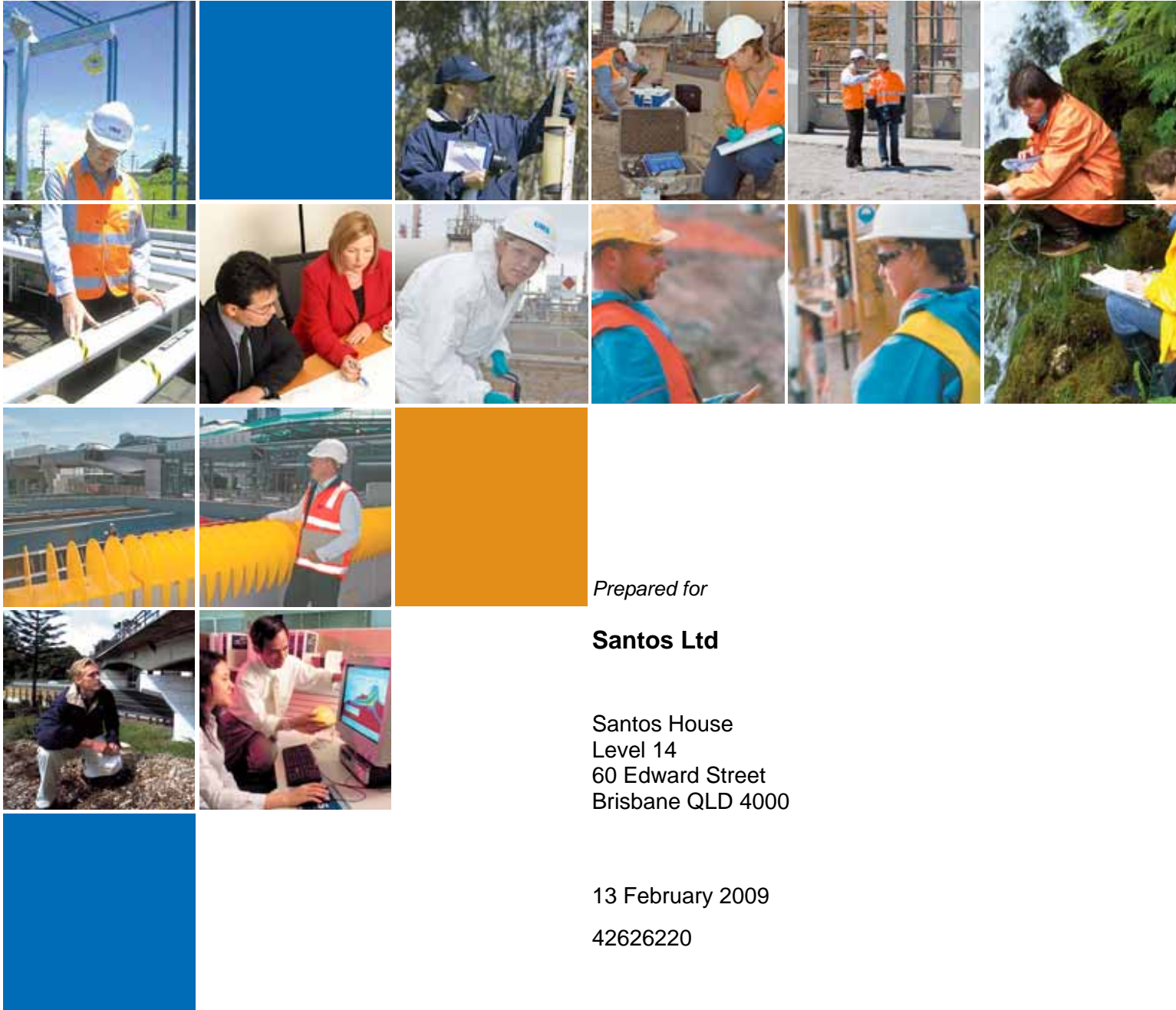


FINAL REPORT

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



Prepared for

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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 identified 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.

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*".

- “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.

Table 1-1 Summary of Soil Assessment Criteria Used

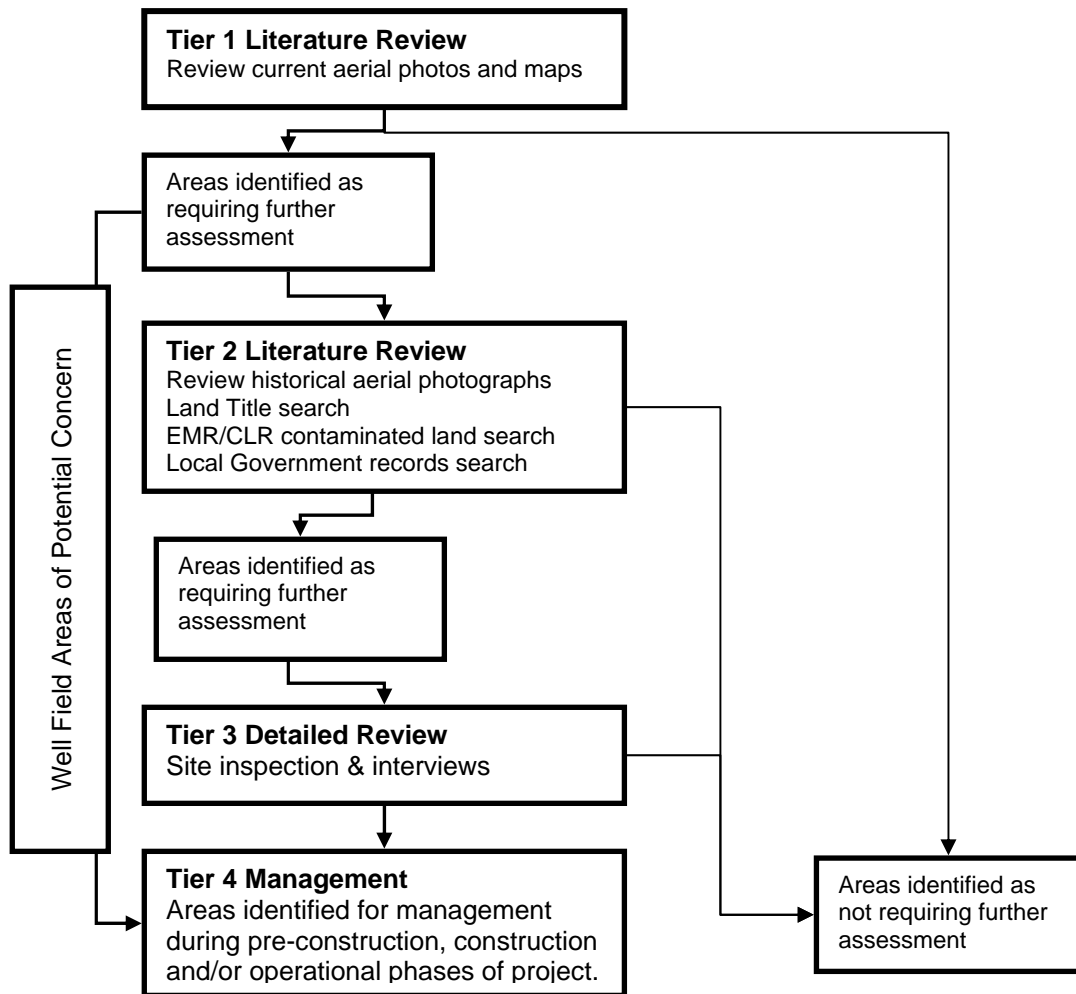
Analyte	OEPA – EILs	NEPM HILs “F”	NEPM- Interim Urban EILs	USEPA- PRG	
				Residential	Industrial
Metals (Total) [mg/kg]					
Arsenic	20	500	NA	NA	NA
Barium	-	-	NA	NA	NA
Cadmium	3	100	NA	NA	NA
Chromium	50	500	NA	NA	NA
Cobalt	-	-	NA	NA	NA
Copper	60	5000	NA	NA	NA
Lead	300	1500	NA	NA	NA
Manganese	500	7500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

– No guideline available

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

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.

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.

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.

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.

Table 3-1 Description of Registered Groundwater Bore RN 91325

	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
Aquifer 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	

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.

Table 3-2 Lot 10 on Plan DS220

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 3-3 Lot 7 on Plan DS220

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 3-4 Lot 9 on Plan DS220

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

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.

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

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

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 30350025	Lot 9 on DS220	Santos (CSG) Pty Ltd.	01 August 2007
		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

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

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

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).



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.

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

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

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).



Plate 3-4 Battery Stockpile #1



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.



Plate 3-6 Shed at Fisherman's Hut Site



Plate 3-7 Fisherman's Hut Cottage



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.

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.

Table 3-10 Soil Investigation Summary

Activity/Item	Details
Date of Field Activities	17 October 2008
Soil samples were taken within four hand auger locations	<ul style="list-style-type: none"> – HA#1 samples at surface level and at 0.5m – HA#2 samples at surface level and at 0.5m – HA#3 samples at surface level and at 0.5m – HA#4 sample at surface level – QA/QC#1 samples at surface level and at 0.5m
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.

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**.

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**.

Table 3-11 Summary of Analytical Results

Sample ID	QEPA – 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	1,160	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

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;

- 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.

- 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).



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

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).



Plate 3-10 Stockyards and loading ramp

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.

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.

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.

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.

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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.

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

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

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

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

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**.

Table 4-3 EMR and CLR search results

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	-	-

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

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 4-5 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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Table 4-6 Historical Photograph Review- Lot 525 on CL40243

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 4-7 Historical 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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Table 4-8 Historical Photograph Review- Lot 1 on SP200852

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 in 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 4-9 Historical 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 4-10 Certificates 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 4-11 Certificates 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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Table 4-14 Certificates of Title – Lot 1 on SP200852

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 4-15 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 volcanoclastic 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 volcanoclastic 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 (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.

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 pre-construction 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).

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.

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 identified 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.

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.
- l) 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.
- o) 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 re-development 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.

- 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_managment_of_contaminated_land_in_Queensland.pdf](http://www.wpa.qld.gov.au/publications/p00090aa.pdf/Draft_guidelines_for_the_assessment_managment_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



Figures



0 1.25 2.5km
 Scale 1:100 000 (A4)
 Datum : GDA94

-  Gas Transmission Pipeline
-  LNG Facility Site Boundary
-  LNG Facility Study Area

Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.

Client 	Project GLADSTONE LNG PROJECT PRELIMINARY SITE INVESTIGATION	Title LNG FACILITY MAP
	Drawn: CA Approved: JB Date: 04-02-2008 Job No: 4262 6220 File No: 42626220-g-540.wor	Figure: 1 Rev:A A4

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0 750 1500m
 Scale 1:40 000 (A4)
 Datum : GDA94

- Site Location
- Gas Transmission Pipeline
- LNG Facility Site Boundary
- LNG Facility Study Area

Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.

Client 	Project <p style="text-align: center;">GLADSTONE LNG PROJECT PRELIMINARY SITE INVESTIGATION</p>	Title <p style="text-align: center;">SITE LOCATIONS</p>	
Drawn: CA Approved: JB Date: 04-02-2009		Figure: 2	Rev:A
Job No: 4262 6220 File No: 42626220-g-548.wor			A4

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0 12.5 25m



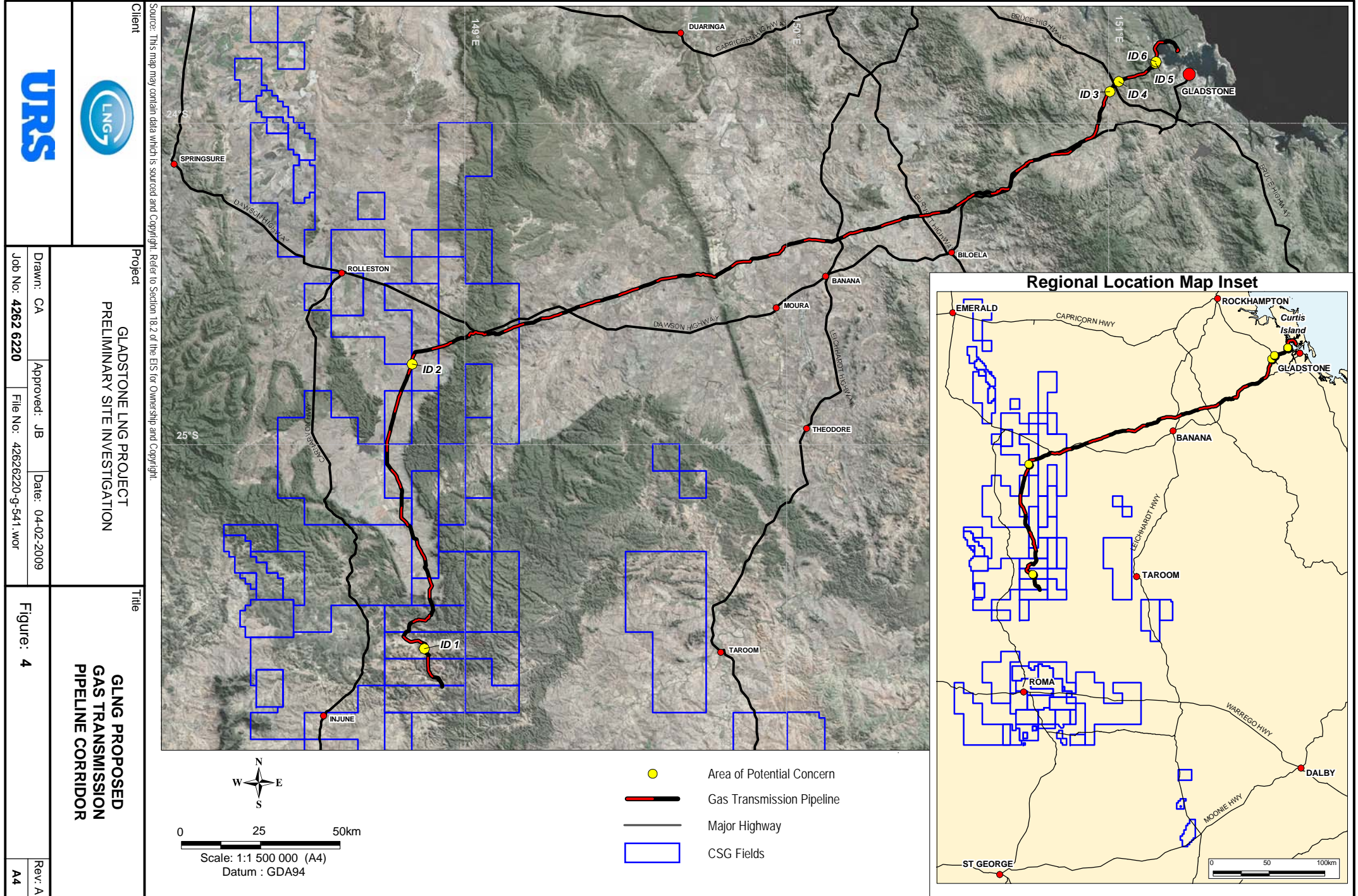
Scale 1 : 600 (A4)
Datum : GDA94

◆ Hand Auger Sample Location

Source: Client Supplied Satellite Imagery (12-04-2007). This map may also contain other data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.

<p>Client</p> 	<p>Project</p> <p>GLADSTONE LNG PROJECT PRELIMINARY SITE INVESTIGATION</p>	<p>Title</p> <p>HAND AUGER SAMPLES CATTLE DIP - FISHERMANS HUT CURTIS ISLAND</p>
	<p>Drawn: CA Approved: JB Date: 04-02-2009</p> <p>Job No: 4262 6220 File No: 42626220-g-549.wor</p>	<p>Figure: 3</p> <p>Rev:A A4</p>

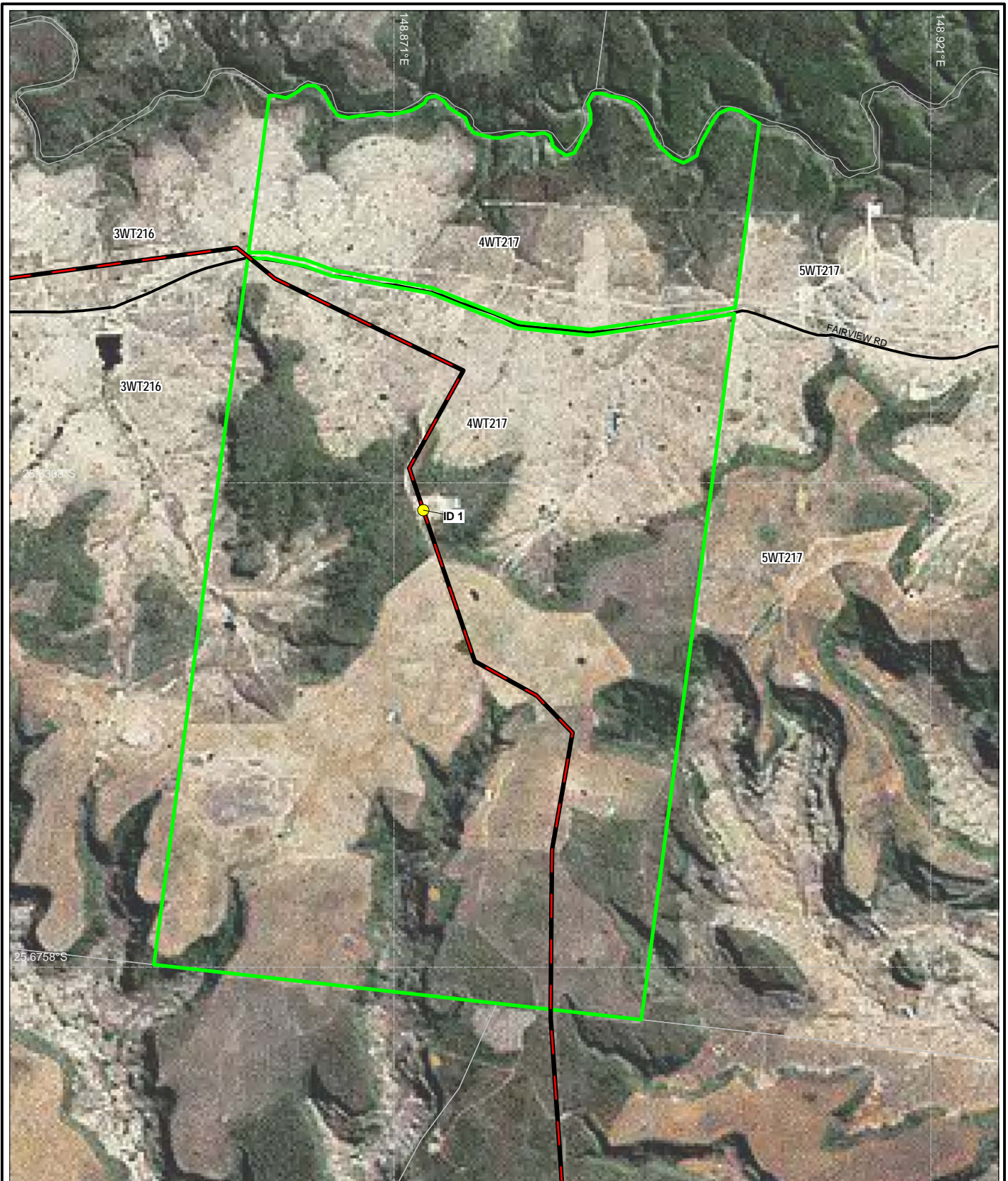
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Drawn: CA
Approved: JB
Date: 04-02-2009
Job No: 4262 6220
File No: 42626220-g-541_wor

Rev: A
A4



Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.



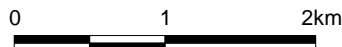
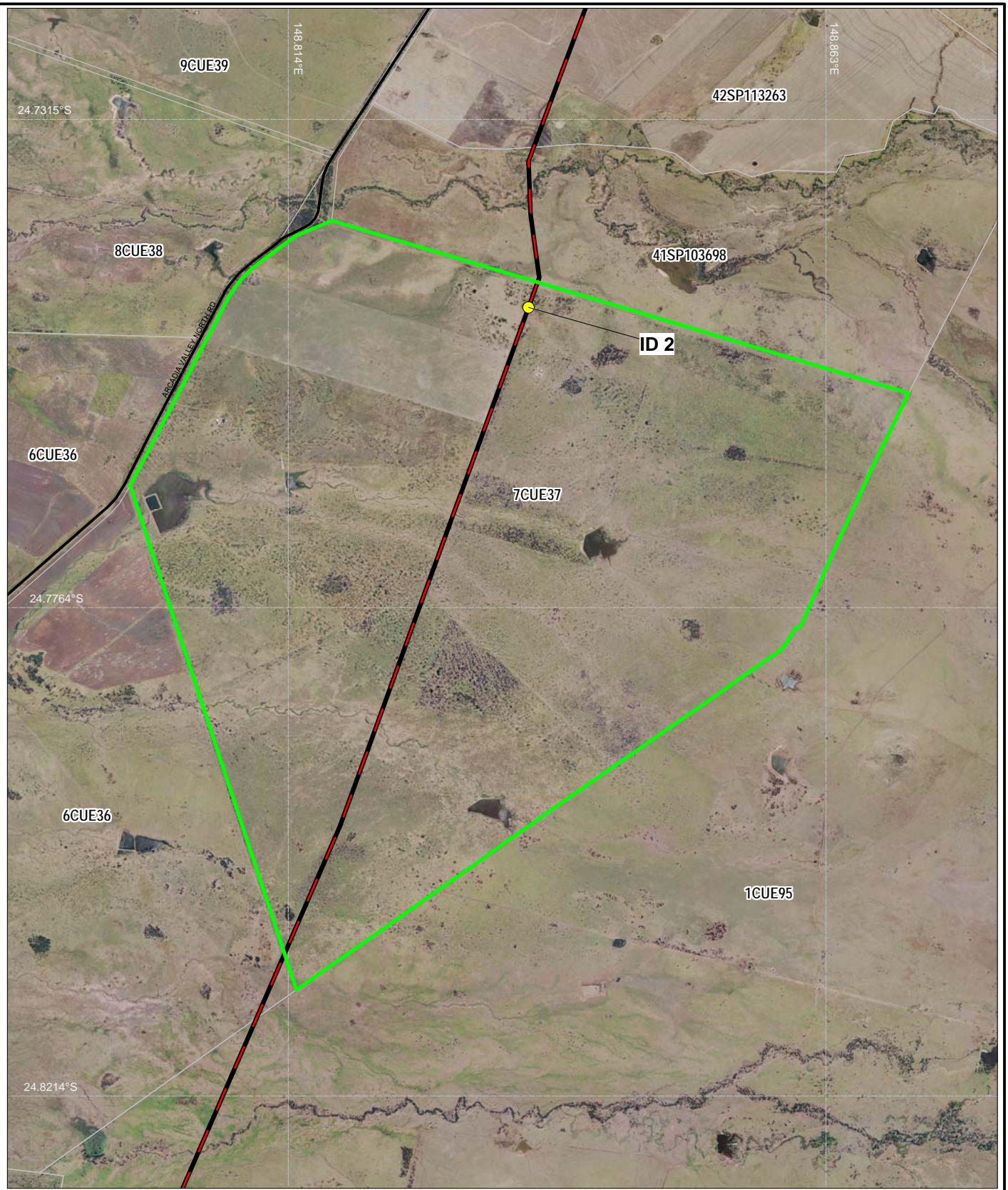
Scale: 1:50 000 (A4)
Datum : GDA94

- GPS Point ID (Area of Potential Concern)
- Lot 4 on WT217 Boundary
- Gas Transmission Pipeline
- Major Road

Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.

 	Project GLADSTONE LNG PROJECT PRELIMINARY SITE INVESTIGATION	Title SITE ID 1 AREA OF POTENTIAL CONCERN	
	Drawn: CA	Approved: JB	Date: 04-02-2009
Job No: 4262 6220		File No: 42626220-g-542.wor	
			Rev:A A4



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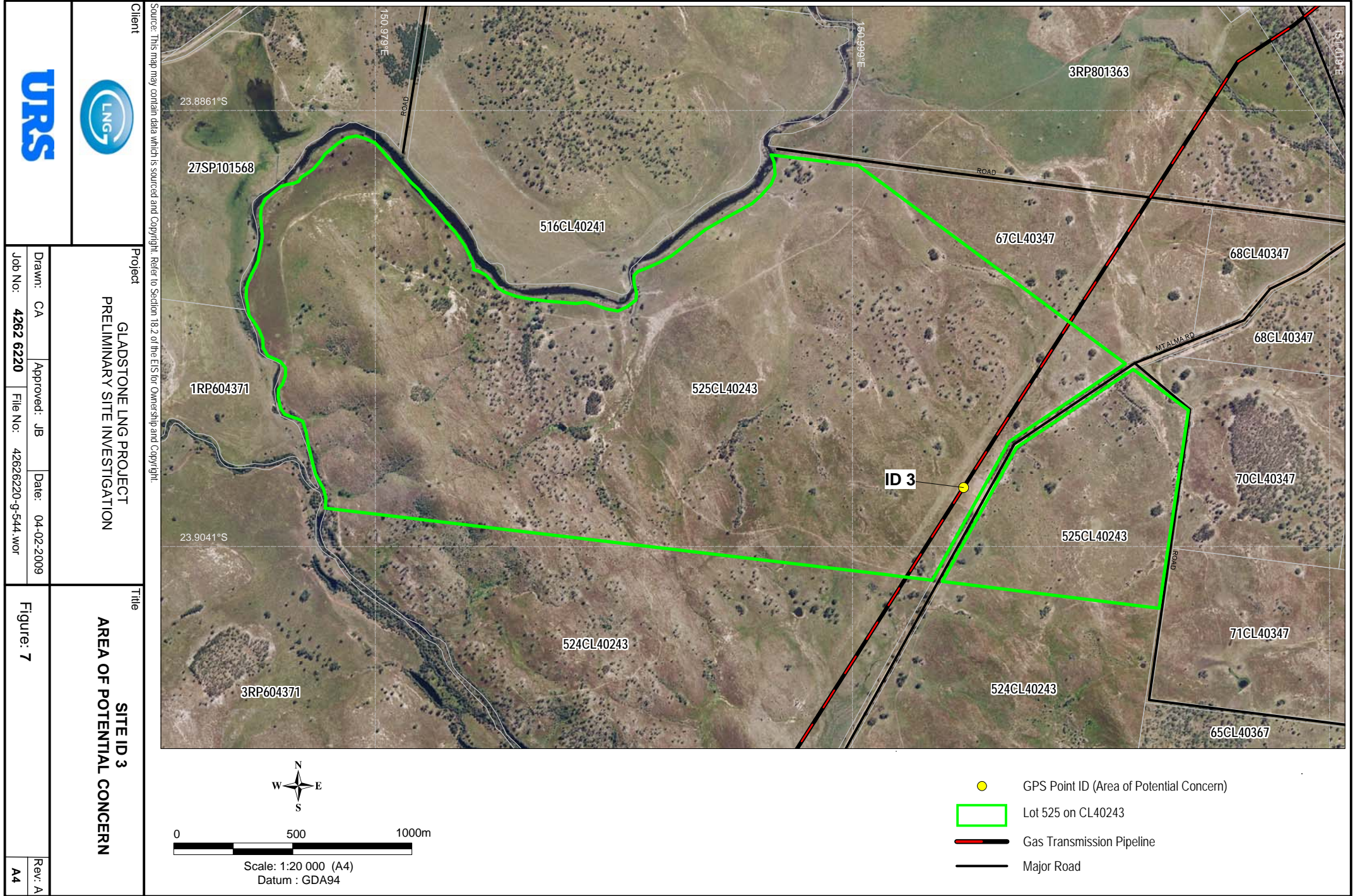
Scale: 1:50 000 (A4)
Datum : GDA94

- GPS Point ID (Area of Potential Concern)
- Lot 7 on CUE37 Boundary
- Gas Transmission Pipeline
- Major Road

Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.

Client  	Project <p style="text-align: center;">GLADSTONE LNG PROJECT PRELIMINARY SITE INVESTIGATION</p>		Title <p style="text-align: center;">SITE ID 2 AREA OF POTENTIAL CONCERN</p>	
	Drawn: CA	Approved: JB	Date: 04-02-2009	
Job No: 4262 6220		File No: 42626220-g-543.wor		Figure: 6
				A4

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Client



Project

GLADSTONE LNG PROJECT
PRELIMINARY SITE INVESTIGATION

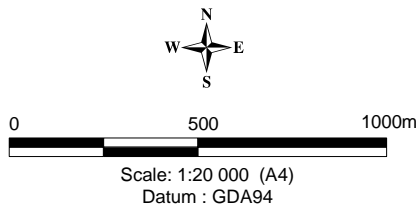
Title

SITE ID 3
AREA OF POTENTIAL CONCERN

Drawn: CA	Approved: JB	Date: 04-02-2009
Job No: 4262 6220	File No: 42626220-g-544_wor	

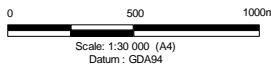
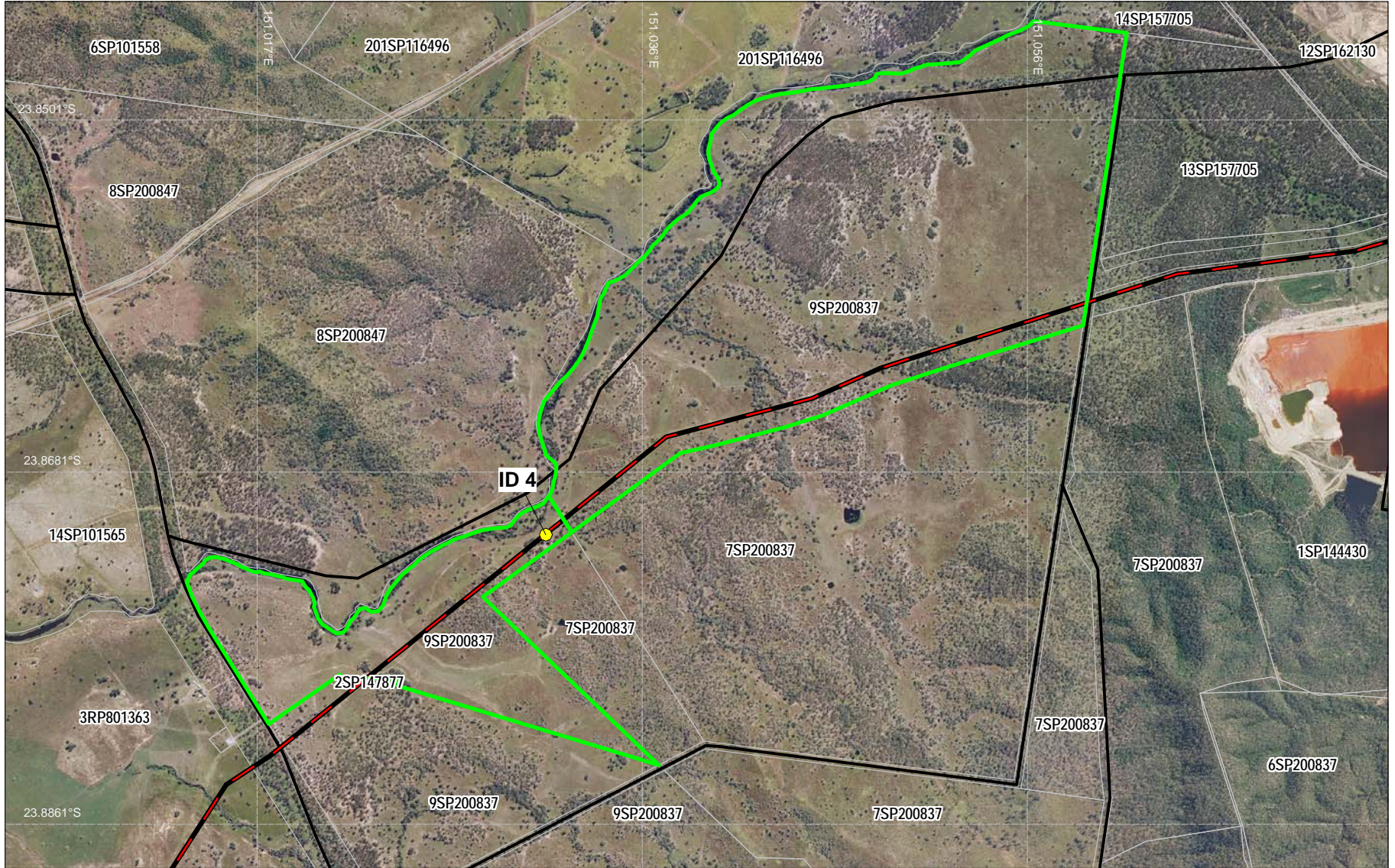
Figure: 7

Rev: A
A4



- GPS Point ID (Area of Potential Concern)
- Lot 525 on CL40243
- Gas Transmission Pipeline
- Major Road

Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.



- GPS Point ID (Area of Potential Concern)
- Lot 9 on SP200837
- Gas Transmission Pipeline
- Major Road



Client

Project

Title

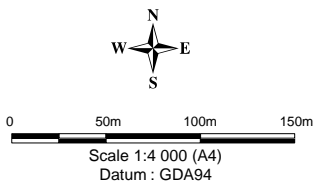
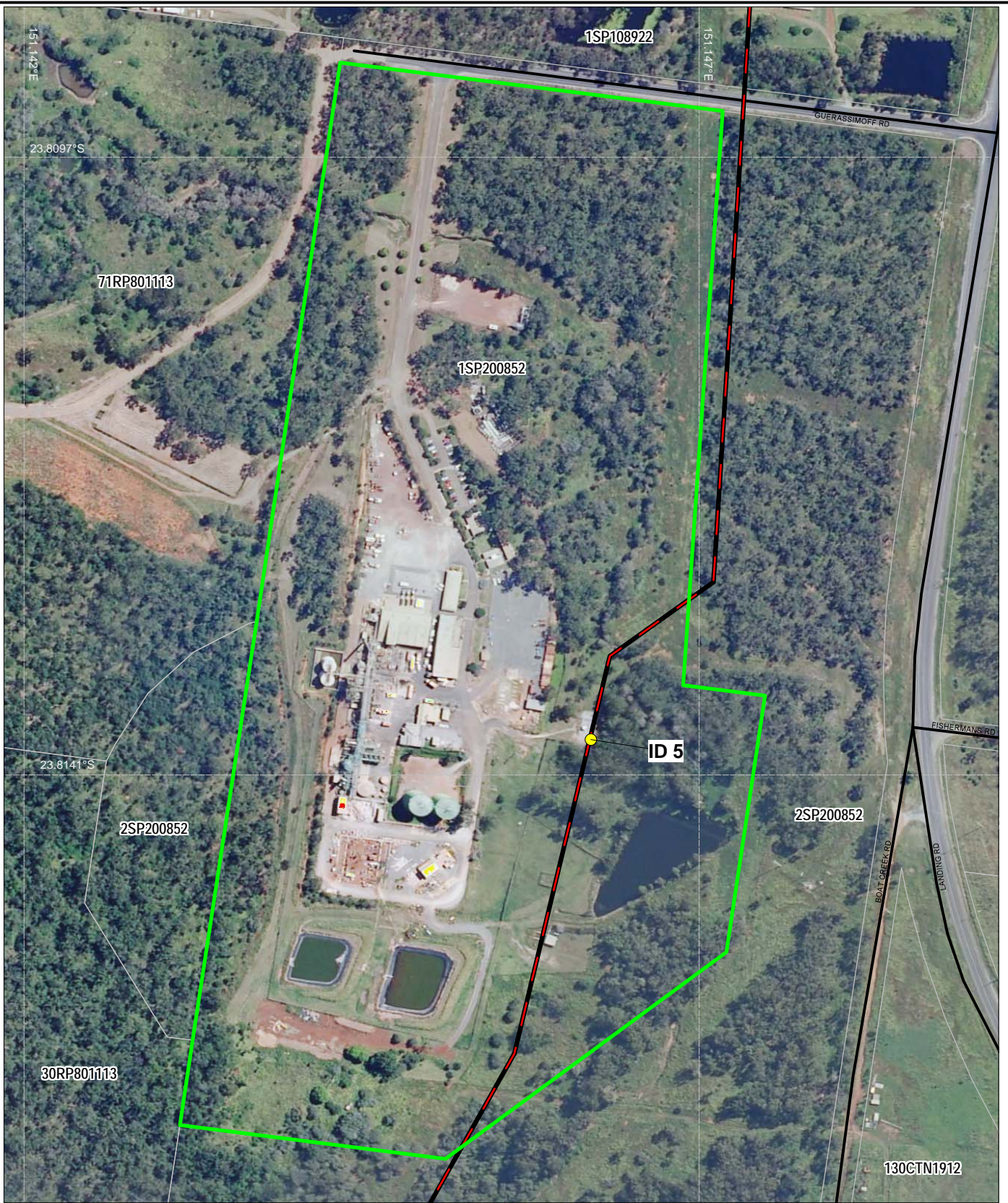
GLADSTONE LNG PROJECT
PRELIMINARY SITE INVESTIGATION

SITE ID 4
AREA OF POTENTIAL CONCERN

Drawn: CA	Approved: JB	Date: 04-02-2009
Job No: 4262 6220	File No: 42626220-g-545 wor	



Figure: 8

Rev: A
A4

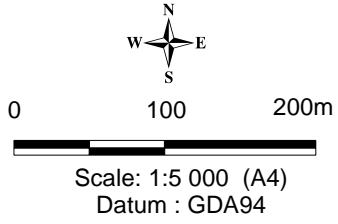


- GPS Point ID (Area of Potential Concern)
- Lot 1 on SP200852 Boundary
- Gas Transmission Pipeline
- Major Road

Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.

 	Project GLADSTONE LNG PROJECT PRELIMINARY SITE INVESTIGATION		Title SITE ID 5 AREA OF POTENTIAL CONCERN	
	Drawn: CA	Approved: JB	Date: 04-02-2009	
Job No: 4262 6220		File No: 42626220-g-546.wor		Rev:A A4

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- GPS Point ID (Area of Potential Concern)
- Lot 1 on SP108922 Boundary
- Gas Transmission Pipeline
- Major Road

		Client Source: This map may contain data which is sourced and Copyright. Refer to Section 18.2 of the EIS for Ownership and Copyright.
Project GLADSTONE LNG PROJECT PRELIMINARY SITE INVESTIGATION	Drawn: CA Job No.: 4262 6220	Approved: JB Date: 04-02-2009
Title AREA OF POTENTIAL CONCERN SITE ID 6	File No.: 42626220-g-547 wor	Figure: 10
Rev: A A4		

LNG Facility Certificates of Title

Appendix A

HISTORICAL TITLE SEARCH

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

HISTORICAL TITLE SEARCH

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

HISTORICAL TITLE SEARCH

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

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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Requested By: External Supervisor

(C)

QUEENSLAND



[CERTIFICATE OF TITLE]

VOL: C 350 FOLIO: 026



Dealing No. C 261872

Reference to previous

Register Book

Volume Folio

Vol **C 350** Folio **26**

292 62, 63

CURTIS HOLDINGS PTY. LTD.

now seized _____ of an Estate in Fee-simple, 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 City of _____

Containing six hundred and sixtyseven acres three roods

more or less, as shown on the Plan hereon, and therein edged red, Being Subdivision 2 of Selection 21 on Plan Cat. No. 2284

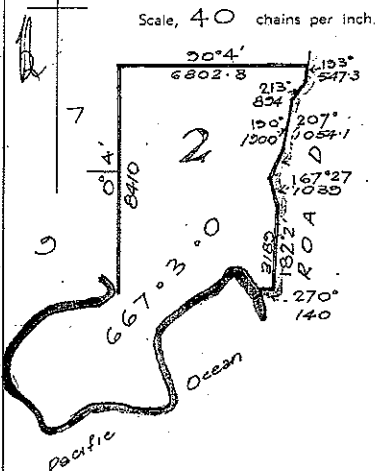
Saving Always to the Crown all the rights and interests reserved to it by Deed of Grant No. 37353

In Witness whereof, I have hereunto signed my name and affixed my seal, this Eleventh day of July One thousand nine hundred and sixty nine

Signed, Sealed, and Delivered in presence of P. Lorrway



elbome
DEPUTY REGISTRAR OF TITLES
Central District Registry



No. C. 325685 Bill of Mortgage to PACIFIC PARTNERSHIP LIMITED
Produced 12/2/78 at 1.55 p.m.
Registered 18 DEC 1978

RELEASED vide 18 DEC 1978
No. C 374614 PRODUCED 11 DEC 1978
REGISTERED 18 DEC 1978

Jack Kelsey
now seized of an Estate in fee-simple in the within land
TRANSFER No. C. 374614 PRODUCED 11 Dec 1978
at 12.12 m. REGD. 18 DEC 1978

DEP. REGISTRAR OF TITLES (Central District)

THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED TO LOT 2
ON REGISTERED PLAN No. 602284
2 SEP 1985
DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT)

Gusapan Ammanuel
now registered proprietor in fee simple.
TRANSFER No. C 62326 H
PRODUCED 21 Feb 1989
RECORDED 10 MAR 1989
DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT)

No. C. 276999 Bill of Mortgage to FINANCE BANK - Walter
Produced 9/11/78 at 12.10 p.m.
Registered 21 Oct 1978

RELEASED vide 21 OCT 1978
No. C 374614 PRODUCED 11 DEC 1978
REGISTERED 18 DEC 1978

Invercaddy Pastoral Company Pty. Ltd.
now seized of an Estate in fee-simple in the within land
Transfer No. C 284497 Produced 19/12/83 at 3.0 p.m.
Registered 23 May 1972

A. Byrne
DEP. REGISTRAR OF TITLES (CENTRAL DISTRICT)

No. C. 284498 Bill of Mortgage to Walters Finance
Produced 16/1/84 at 3.30 p.m.
Registered 23 May 1972

RELEASED vide 23 MAY 1972
No. C 374614 PRODUCED 11 DEC 1978
REGISTERED 18 DEC 1978

BILL OF MORTGAGE to Walters Finance
Produced 16/1/84 at 3.30 p.m.
Registered 23 May 1972

RELEASED vide 23 MAY 1972
No. C 374614 PRODUCED 11 DEC 1978
REGISTERED 18 DEC 1978

notge
325685

179
0276999
10-3-71

Rel
C 305537

Rel
31/1/1981

ROSS WILLIAM GRAVING COLIN GRANT
GRAVING and MARK JON GRAVING
as tenants in common in equal shares
are now registered proprietors in fee simple.
TRANSFER No. C666735X
PRODUCED 22 Feb 1993
RECORDED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

BILL OF MORTGAGE to NATIONAL AUSTRALIA BANK LIMITED.
No. C666736B PRODUCED 22 Feb 1993
REGISTERED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

BILL OF MORTGAGE to GIUSEPPE EMANUELE
No. C666737D PRODUCED 22 Feb 1993
REGISTERED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

ELFIC LIMITED
Mortgage under No. C666737D
TRANSFER OF MORTGAGE NO. C. 666738F
PRODUCED 22 Feb 1993
REGISTERED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

UNDIVIDED MOIETY

Certificate of Title.

VOL: C 292 FOLIO: 62



30292062

(C)

QUEENSLAND



No. C. 49059

Reference to Previous Volume	Folio
275	243

Register Book, Vol. 292 Folio 62

RICHARD NOBLE HAWES

of _____ pursuant to Memorandum of Conveyance No. C 213574 produced the _____ tenth day of May 1962, registered the twenty-second day of May 1962, is now seized of an Estate in Fee-simple, as tenant in common with another in one undivided half part 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 Six hundred and sixty-seven acres three rods _____, more or less, as shown on the Plan hereon, and therein edged red, Being Subdivision 2 of Selection 21

on Plan Cat. No. 2284 deposited in the Office of the Deputy Registrar of Titles, Rockhampton, which said piece of Land is part of the Selection marked 21 delineated in the Public Map of the said Parish deposited in the Office of the Surveyor-General, originally granted by Deed of Grant No. 37353

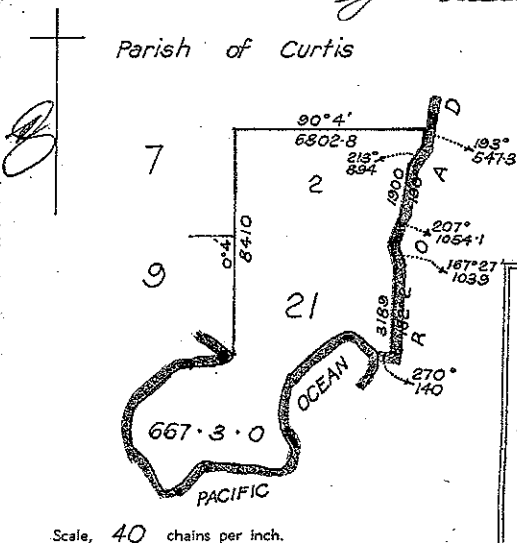
Saving Always to the Crown all the rights and interests reserved to it by the said Deed of Grant.

In Witness whereof, I have hereunto signed my name and affixed my seal, this thirtieth day of May One thousand nine hundred and sixtytwo

Signed, Sealed, and Delivered, the 30th day of May 1962, in presence of



[Signature]
DEPUTY REGISTRAR OF TITLES,
Central District Registry.



No. C. 213574 Bill of Mortgage produced 10 May 1962 at 3:50 p.m., registered 30 May 1962 from John Patrick Baggot and Richard Noble Hawes The English Scottish and Australian Bank Limited to secure the repayment of the monies and interest therein referred to.



RELEASED BY THE REGISTRAR OF TITLES, QUEENSLAND

DEF. REGISTRAR OF TITLES (CENTRAL DISTRICT)

Undivided Moisty

No. 219930 Bill of Mortgage
Lucy Heather
 Produced 5 Aug 1968
 Registered 9 Aug 1968


30

No. 6261872 Transfer of the whole of the land to
Carta Holdings Pty Ltd
 Produced 12 June 1968
 Registered 22 June 1968

Cancelled vide 1
 Vol. 350
 Fol. 26

el Jones



DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

FULLY CANCELLED

el Jones
 e261870
el Jones
 e26371
el Jones
 e26812
 13-6-69

UNDIVIDED MOIETY

Certificate of Title.

VOL: C 292 FOLIO: 663



30292063

(C)

QUEENSLAND



No. C 49060

Reference to Previous	
Volume	Folio
275	243

Register Book, Vol. 292 Folio 63

JOHN PATRICK BAIRD

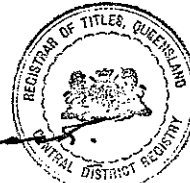
of _____ pursuant to Memorandum of Conveyance No. C 213574 produced the tenth day of May 1962, registered the twentysecond day of May 1962, is now seized of an Estate in Fee-simple, as tenant in common with another in one undivided half part or share, subject nevertheless to such encumbrances, liens, and interests as are by memorandum notified hereon, in All that piece of Land situated in the County of Deas Thomson Parish of Curtis containing Six hundred and sixty-seven acres three roods _____, more or less, as shown on the Plan hereon, and therein edged red, Being Subdivision 2 of Selection 21

on Plan Cat. No. 2284 deposited in the Office of the Deputy Registrar of Titles, Rockhampton, which said piece of Land is part of the Selection marked 21 delineated in the Public Map of the said Parish 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.

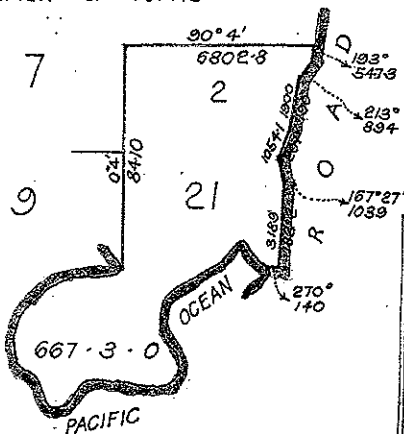
In Witness whereof, I have hereunto signed my name and affixed my seal, this thirtieth day of May One thousand nine hundred and sixtytwo

Signed, Sealed, and Delivered, the 30th day of May 1962, in presence of



DEPUTY REGISTRAR OF TITLES, Central District Registry.

Parish of Curtis



Scale, 40 chains per inch.

No. C. 213575 Bill of Mortgage produced 10 May 1962 at 3.50 p.m., registered on 30 May 1962 from John Patrick Baird and Richard Noble Davies The English Scottish and Austral Bank Limited to secure the repayment of the monies and interest therein referred to

DEP. REGISTRAR OF TITLES (CENTRAL DISTRICT)

No. C261872 Transfer of the whole of the land to
Cartea Holdings Pty Ltd
Produced
12 June 1968 at 10-45 a.m. Registered 20 June 1968
Cancelled vide
Vol. 35-0
Fol. 26
[Signature]
DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)



[Handwritten notes]
e261870
K
e261872

FULLY CANCELLED

(C)

QUEENSLAND

No. 40741

No. of Previous Certificates of Title 36276



Register Book Vol.

275

Folio

243

CERTIFICATE OF TITLE

VOL. 5 275 FOL. 243



10275243

Samuel Cwart

of Rockhampton, Quarter

pursuant to Memorandum of Conveyance No. 43052 registered the twenty eighth day of June A.D. 1876, is now seized

of an Estate in Fee Simple, 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 Swainsboro Parish of Rockhampton

Being part of one hundred and twenty one containing by admeasurement thirty three acres

more or less commencing on the left bank of thecodile creek at a point bearing south by east one chain twenty four from the north east corner of portion one hundred and twenty one and divided thence on the West by a wall one chain wide bearing north thirty two chains on the North east by a line bearing east 17 south 17 twenty five chains on the East by a line bearing south 75 west 17 chains and by a line to the south west by that line upwards to the point of commencement

which said piece of land is the whole of the portion marked 191 delineated in the Public Map of the said parish deposited in the Office of the Surveyor-General, originally granted the third day of June 1840 by Deed of Grant, No. 21373 under the Seal of the Colony of Queensland and the Hand of Samuel Winstley Blackall Esquire formerly Governor of the said Colony, to Elizabeth Coggett

Saving Always to the Crown all the rights and interests reserved to it by the said Deed of Grant.

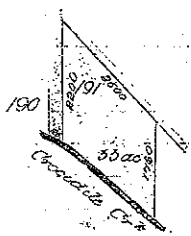
In WITNESS whereof, I have hereunto signed my name and affixed my seal this seventh day of July One thousand eight hundred and seventy one

Signed, sealed, and delivered, the day of July 1876, in presence of [Signatures]



Paristo of Rockhampton

TRANSFER DISTRICT



Scale 20 chains per inch

FULLY CANCELLED

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

ROSS WILLIAM GRAVING

1/3

COLIN GRANT GRAVING

1/3

MARK JON GRAVING

1/3

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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Requested By: External Supervisor

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

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

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

DUPLICATE

Division IV, Part VI
(Ownership of the timber
remains with the Crown)

Grazing Homestead
Perpetual Lease No. 2784

83-985

GLADSTONE District.

VOL: S 7653 FOL: 63



17653063



QUEENSLAND

VOL. 7653 FOL. 63

Lease of Grazing Homestead Perpetual Lease under the Land Act 1962-1983

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:

Whereas,

JACK RICHEY

made application on or about the Seventeenth day of February in the year one thousand nine hundred and eighty-three under and in accordance with the provisions of Division IV of Part VI of the *Land Act 1962-1983* (hereinafter referred to as "the said Act") with respect to the land held (or lately held) by him as Grazing Farm No. 2784 situated in the abovenamed District: AND WHEREAS the said

JACK RICHEY

thereupon became entitled to a Lease in Perpetuity of the whole or part of the land as a Grazing Homestead Perpetual Lease at the yearly rent hereinafter mentioned, and with, under, and subject to the rights, powers, privileges, terms, conditions, provisions, exceptions, restrictions, reservations and provisoes in the said Act, and hereinafter contained: Now KNOW YE, that in consideration of the premises and of the rent hereby reserved and of the payment of the rent payable under the said Act for the said land, and subject to the condition of Occupation as defined by the said Act

WE, in pursuance of the said Act, DO HEREBY, for Us, Our Heirs and Successors, Demise and Lease unto the said JACK RICHEY

(hereinafter with his Successors in title designated "the Lessee"), and his lawful Assigns, All that parcel of Land described in the Schedule-endorsed on these presents, To HOLD the same unto the Lessee, and his lawful Assigns, IN PERPETUITY from the First day of April

in the year One thousand nine hundred and eighty-three with, under, and subject to the reservations hereinafter particularly mentioned, and with, under, and subject to the rights, powers, privileges, terms, conditions, provisions, exceptions, restrictions, reservations and provisoes contained or prescribed in and by the said Act, the *Mining Act 1968-1983* and the *Petroleum Act 1923-1983*, or any Regulations made or which may hereafter be made under the aforesaid Acts or any of them: YIELDING AND PAYING unto Us, Our Heirs and

DUTY STAMP

[Form 9A]

7653-63

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 and below the surface of the said Land, and all Mines of Gold and Minerals, on and below the surface of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly authorised by Us in that behalf during the term of the said Lease, the free right and privilege of access, including ingress, egress, and regress, into, upon, over and out of the said Land, for the purpose of searching for or working Gold and Minerals, or any of them, or mines of Gold and Minerals, or any of them, in any part of the said Land: AND WE DO HEREBY ALSO RESERVE unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in the *Petroleum 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 Ramsay

753-63

SCHEDULE

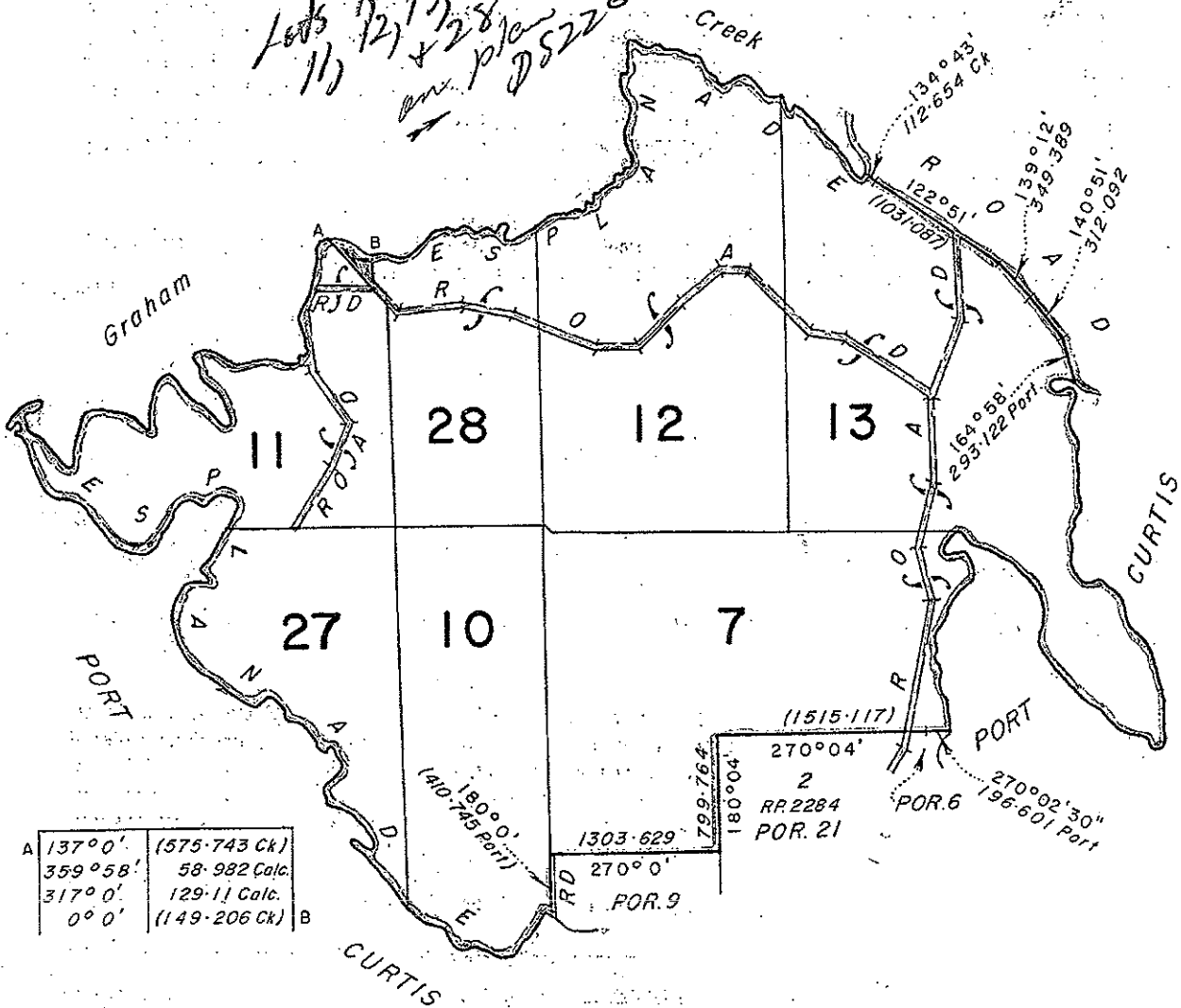
Register No. of Lease 10/2784 Gladstone District

County D Thompson Parish Curtis

Portion Seven, Ten, Eleven, Twelve, Thirteen, Twenty-seven and Twenty-eight

Area 2491.65 hectares. Plan of Survey Cat. No. Ds.220

*lots 7, 10, 11, 12, 13, 27
ex plan Ds220*



TOTAL LEASE AREA

2491.65 ha
ex Rds & Esp.

Scale 1:-----
Plan No. Ds.220

7653-63

Transfers, Mortgages, Etc., Registered.

IN terms of Regulation 41A (1) of the Land Regulations, the description of the Land comprised in the within lease is amended to lot 7, 10, 11, 12, 13 & 27 & 28 on plan
D5220 Registrar of Dealings

TRANSFER of the Lessee's Interest in the within-described holding to GIUSEPPE EMANUELE
Registered: 17 OCT 1989 Registrar of Dealings

Mortgage No. 219719 to ARROW PROPERTIES PTY LTD
Registered 17 OCT 1989 Registrar of Dealings
PARTIAL RELEASE 3060M
SECURITY RELEASE 3060M
REGISTERED 3 SEP 1993 REGISTRAR OF TITLES

Ross William Graving, Colin Grant Graving and Mark Jon Graving as tenants in common in equal interests
are now the registered lessees of the within-described holding.
TRANSFER No. L383061P
PRODUCED 5 MAR 1993
REGISTERED 3 SEP 1993 REGISTRAR OF TITLES

Memorandum of Mortgage to National Australia Bank Limited
No. L383062R
PRODUCED 22 FEB 1993
REGISTERED 3 SEP 1993 REGISTRAR OF TITLES

Memorandum of Mortgage to Emanuele
Vide No. 7025397
No. L383068D
PRODUCED 22 FEB 1993
REGISTERED 3 SEP 1993 REGISTRAR OF TITLES

Elpic Limited
is mortgagee under mortgage No. L383066D
TRANSFER NO. L399099X
PRODUCED 5 MAR 1993
REGISTERED 3 SEP 1993 REGISTRAR OF TITLES

HISTORICAL TITLE SEARCH
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

HISTORICAL TITLE SEARCH

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

CERTIFICATE OF TITLE ISSUED - No

Caution - Charges do not necessarily appear in order of priority

** End of Historical Title Search **

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Requested By: External Supervisor

(C)

QUEENSLAND



[CERTIFICATE OF TITLE]

Dealing No. C261872

Reference to previous

Volume Folio

292 60, 61

Register Book

Vol. **C350** Folio **25**

VOL: C 350 FOLIO: 025



30350025

CURTIS HOLDINGS PTY. LTD.

now seized _____ of an Estate in Fee-simple, 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 City 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

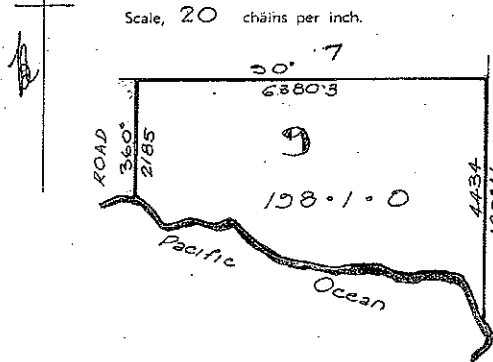
Saving Always to the Crown all the rights and interests reserved to it by Deed of Grant No. C1639

In Witness whereof, I have hereunto signed my name and affixed my seal, this Eleventh day of July One thousand nine hundred and sixty nine

Signed, Sealed, and Delivered in presence of P. Lorrway



DEPUTY REGISTRAR OF TITLES
Central District Registry



No. C. 325686 Bill of Mortgage
WALTERS FINANCE PTY LTD
 Produced 11 Dec 1978
 Registered 18 DEC 1978

RELEASED
 No. C. 325686
 Produced 11 Dec 1978
 Registered 18 DEC 1978

DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

No. C. 276999 Bill of Mortgage
WALTERS FINANCE PTY LTD
 Produced 9 May 1978
 Registered 21 May 1978

RELEASED
 No. C. 276999
 Produced 9 May 1978
 Registered 21 May 1978

DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

Sweed Valley Pastoral Company Pty Ltd.
 now seized of an Estate in fee-simple in the within land.
 Transfer No. C284997 Produced 1978 at 3.0 p.m.
 Registered 23 May 1978

DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

No. C. 284498 Bill of Mortgage
WALTERS FINANCE PTY LTD
 Produced 23 May 1978
 Registered 23 May 1978

RELEASED
 No. C. 284498
 Produced 23 May 1978
 Registered 23 May 1978

DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

John Ridley
 now seized of an Estate in fee-simple in the within land
 TRANSFER No. C. 374014 PRODUCED 11 Dec 1978
 at 12.15 p.m. REGD. 18 DEC 1978

DEP. REGISTRAR OF TITLES
(Central District)

THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED TO LOT 9
 ON REGISTERED PLAN No. D 5220
 19 MAY 1986

DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

Gundarra Emassule
 now registered proprietor in fee simple.
 TRANSFER No. C587261
 PRODUCED 21 Feb 1989
 RECORDED 10 MAR 1989

DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

RELEASED
 No. C. 587261
 PRODUCED 21 Feb 1989
 REGISTERED 10 MAR 1989

DEP. REGISTRAR OF TITLES
(CENTRAL DISTRICT)

Walter Walters

*MT9
C276999
10/3/78*

*RE
C284997
T.P.
C284997
11/5/78
C284998
7/122*

*Rel
C36553*

*Rel C374615
14/13/86 1/4*

ROSS WILLIAM GRAVING COLIN GRANT
GRAVING and MARK JON GRAVING
as tenants in common in equal shares
now registered proprietors in fee simple
TRANSFER No. C666135X
PRODUCED 22 Feb 1993
RECORDED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

BILL OF MORTGAGE to NATIONAL AUSTRALIA BANK LIMITED.
No. C666136B PRODUCED 22 Feb 1993
REGISTERED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

BILL OF MORTGAGE to GIUSEPPE EMANUELE
No. C666137D PRODUCED 22 Feb 1993
REGISTERED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

ELFIE LIMITED
and Mortgagees under Mortgage No. C666137D
TRANSFER OF MORTGAGE NO. C 666138E
PRODUCED 22 Feb 1993
REGISTERED 25 FEB 1993
DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

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Handwritten scribbles and marks, possibly initials or a signature.

No. 33050

QUEENSLAND.

County Livingstone

Parish Carl

A. LAND PURCHASE.

Date of Purchase } 2^d September 1875.

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, and so forth:—

Area 1800 Acres

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

WHEREAS, in conformity with the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland, William Archer has become the Purchaser of the Land hereinafter described, for the Sum of Four hundred and seventy pounds Sterling.

Now Know Ye, 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 Territory, before these Presents are issued, And in further consideration of the Quit-Rent hereinafter reserved, We, with the advice of Our Executive Council of Queensland, have granted, and for Us, Our Heirs and Successors, do hereby Grant unto the said William Archer

William Archer 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 One thousand eight hundred Acres to the same more or less, situated in the County of Livingstone and Parish of Carl

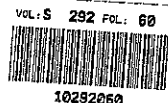
Selection A, Rockhampton district, Portion A, commencing at the west corner of portion 26 and bounded thence on the southwest by lines bearing 32.3 degrees sixty chains and 34.3 degrees 30 minutes sixty three chains on the north by a line bearing east one hundred and eighty seven chains and seven links on the east by a line bearing south one hundred and eight chains and thirty two links and on the south by portion 26 bearing west one hundred and thirty three chains and seven links to the point of commencement. Being the land purchased under the 1st section of "The Graceville Pro-emptive Act of 1875"

To Hold unto the said William Archer with all the Rights and Appurtenances whatsoever thereto belonging: his 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: Provided Nevertheless, 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 Testimony Whereof We have caused this Our Grant to be Sealed with the Seal of Our said Territory.

WITNESS, Our Trusty and well beloved The Honourable Sir Maurice Charles Cornwall Administrator of the Government of the Colony of QUEENSLAND and its Dependencies, at Government House, Brisbane, in the Fortieth year of Our Reign, and in the year of our Lord One thousand eight hundred and seventy seven

M. C. Cornwall



ENTERED in the Register Book day of April

, Vol. 292, Folio 60, this fourth day of April 1877.

J. W. Hutchinson

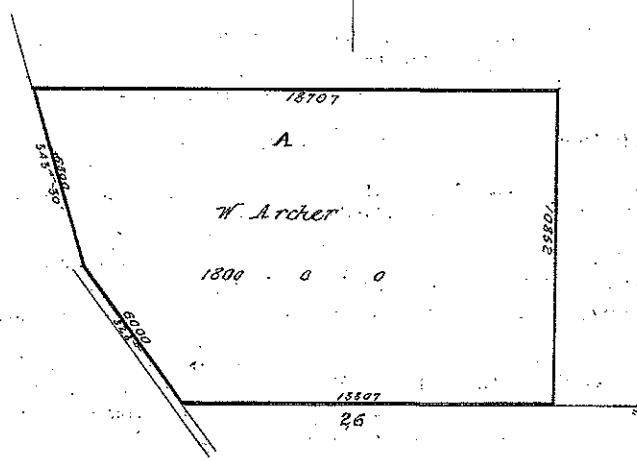
REGISTRAR-GENERAL.

Handwritten initials

Handwritten initials

TRANSFERRED TO DISTRICT.

COUNTY OF LIVINGSTONE



Scale 10 chains to 1 inch

No. 33051

QUEENSLAND.

County Ward

Parish Albert

A. LAND PURCHASE.

Date of Purchase } 1st July 1868

Acre 320 Acres

VICTORIA, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, and so forth:—

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

WHEREAS, in conformity with the Regulations now in force for the Sale of Crown Lands in Our Territory of Queensland, _____

William Henry Coultery _____ of _____ ha. 6 become the Purchaser of the Land hereinafter described, for the Sum of Two hundred and forty pounds _____ Sterling.

Now Know Ye, 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 Territory, before these Presents are issued, And in further consideration of the Quit-Rent hereinafter reserved, We, with the advice of Our Executive Council of Queensland, have granted, and for Us, Our Heirs and Successors, do hereby Grant unto the said _____

William Henry Coultery _____ h. is 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 twenty Acres _____ be the same more or less, situated in the County of Ward _____ and Parish of Albert _____

Portion D, commencing 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 portion bearing south twenty chains on the south by a line bearing west sixty three chains on the west by a line bearing north sixty chains on the north by a line bearing east thirty four chains and fifty links to the Logan river and on the northeast by that river in a downwards to the point of commencement. Being the land purchased under the 66th Section of the Crown Lands Alienation Act of 1863.

To Hold unto the said William Henry Coultery _____ with all the Rights and Appurtenances whatsoever thereto belonging: _____ h. is 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: Provided Nevertheless, 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 Testimony Whereof We have caused this Our Grant to be Sealed with the Seal of Our said Territory.

WITNESS, Our Trusty and well beloved His Honourable Sir Maurice Charles O'Connell Administrator of the Government _____ in QUEENSLAND aforesaid, this Twenty-sixth day of March in the Fortieth year of Our Reign, and in the year of our Lord One thousand eight hundred and seventy-seven

*Ex. O.
1868*

M. C. O'Connell

VOL. S 292 FOL. 61



10292061

ENTERED in the Register Book _____ day of April

, Vol. 292, Folio 61, 1877.

John Wilson

REG. REGISTRAR-GENERAL

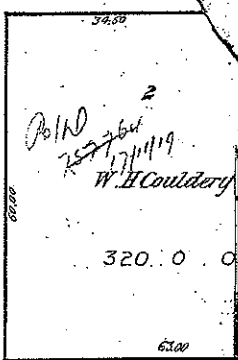
Release No. 281011
entered on duplicate
High Mortgage #61957
Produced 17 Dec 1897 at 10:30 am
3. 20 pm registered
17 Dec 1897
Wm. Henry Coudery
By George Jones

Bill of Mortgage produced 17 November
1897 at 10:30 am
Produced 17 Dec 1897 at 10:30 am
3. 20 pm registered
17 Dec 1897
Wm. Henry Coudery
By George Jones

No. 640098 TRANSMISSION BY DEATH, in consequence of the death of the above named Susannah Coudery on 18 Dec 1912 an estate in fee simple in the within land became transmitted to William Henry Coudery, Reginald Hall Coudery and Victor Carlton Coudery, as devisees in trust with power sale as appears by Probate Copy of Will and documentary evidence produced 28 May 1915 at 10.45 am. Entered 4 Dec 1915 Subject to Right of Way.

Wm. Henry Coudery
By George Jones

Dep. Registrar of Titles



SUCCESSION DUTY
 No. 752764 RECORD OF DEATH of William Henry Coudery on 16 June 1919 as appears by certificate of death and declaration of Victor Carlton Coudery and Reginald Hall Coudery as Trustees in the place of William Henry Coudery deceased. Produced 7 Nov 1919 at 3.47 pm Entered 9 June 1920

Wm. Henry Coudery
By George Jones

Dep. Registrar of Titles

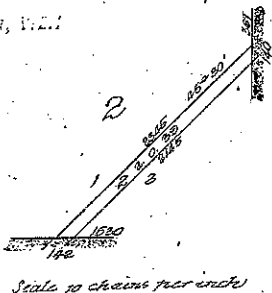
No. 802490 Appointment of New Trustees. By an Indenture under the provisions of "The Trustees Act of 1897" produced 11 Mar 1921 at 12.17 p.m., registered 18 June 1921 Amy Florence Coudery and Victor Carlton Coudery are declared to be Trustees in the place of William Henry Coudery deceased and the within land is now vested in Reginald Hall Coudery and Amy Florence Coudery as Trustees in the place of William Henry Coudery deceased. Produced 11 Mar 1921 at 12.17 p.m. Entered 18 June 1921

Wm. Henry Coudery
By George Jones

Dep. Registrar of Titles

Memorandum.

BY LETTER from the Surveyor for Public Lands dated 20 October 1913, it appears that a right of way is shown on plan of survey certified to by the Surveyor for Public Lands. In this office, has been registered the following part of the within land, viz:



Real Property Transfer Office,
 Brisbane, Q. L. Nov 3.

Wm. Henry Coudery
 Dep. Reg. Gen.

No. 824302 TRANSFER of 165 aces 3 rods 16 poles Resub. 2nd 3 of sub 1 to Helene Auguste Harbst Produced 15 Apr 1932 at 3.47 pm registered 11 July 1932 Canceled as above vide Vol. 1934 Fol. 111

Wm. Henry Coudery
 Dep. Registrar of Titles

No. 824302 TRANSFER of 165 aces 3 rods 16 poles Resub. 2nd 3 of sub 1 to Helene Auguste Harbst Produced 15 Apr 1932 at 3.47 pm registered 11 July 1932 Canceled as above vide Vol. 1934 Fol. 111

Wm. Henry Coudery
 Dep. Registrar of Titles

No. 824302 TRANSFER of 165 aces 3 rods 16 poles Resub. 2nd 3 of sub 1 to Helene Auguste Harbst Produced 15 Apr 1932 at 3.47 pm registered 11 July 1932 Canceled as above vide Vol. 1934 Fol. 111

Wm. Henry Coudery
 Dep. Registrar of Titles

NEW TITLE No. 79361a.
 PURSUANT to Memo of TRANSFER No. 2824012 Produced 17 Dec 1897 at 10:30 am Registered 17 Dec 1897 at 10:30 am

Susannah Coudery of Queensland SEISED of an Estate IN FEE SIMPLE in the WHOLE of the within land, Subject to Right of Way.

Wm. Henry Coudery
By George Jones

Dep. Registrar of Titles

No. 824302 TRANSFER of 165 aces 3 rods 16 poles Resub. 2nd 3 of sub 1 to Helene Auguste Harbst Produced 15 Apr 1932 at 3.47 pm registered 11 July 1932 Canceled as above vide Vol. 1934 Fol. 111

Wm. Henry Coudery
 Dep. Registrar of Titles

No. 824302 TRANSFER of 165 aces 3 rods 16 poles Resub. 2nd 3 of sub 1 to Helene Auguste Harbst Produced 15 Apr 1932 at 3.47 pm registered 11 July 1932 Canceled as above vide Vol. 1934 Fol. 111

Wm. Henry Coudery
 Dep. Registrar of Titles

Annexed to 819 3305 1/4 292 Feb 61 this day of Nov 1963 for the purpose of recording memorials.



REGISTRAR OF TITLES

By Proclamation dated the 12 Sep 1963, under the provisions of "The Public Works Land Resumption Acts, 1906 to 1955"


is resumed and is vested in Sub 2 of the within land The Crown

for Road purposes. Produced 14 Oct 1963

at 9.45 a.m. Registered 19 Nov 1963

No. D 5386

R.M. Miller



REGISTRAR OF TITLES

FK

9-1-34
 11-2-0-23
 165-3-16
 78-3-32
 203-2-05

FULLY CANCELLED

LNG Facility EMR and CLR Register Search

Appendix B

QLD ENVIRONMENTAL PROTECTION AGENCY
ENVIRONMENTAL MANAGEMENT REGISTER (EMR)
CONTAMINATED LAND REGISTER (CLR)

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

Gas Transmission Pipeline EMR and CLR Register Searches

Appendix C

QLD ENVIRONMENTAL PROTECTION AGENCY

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

Transaction ID: 1064877 EMR Site Id: 17 July 2008

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

Lot: 4 Plan: WT217

EMR RESULT

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

CLR RESULT

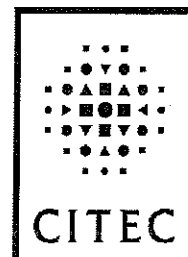
The above site is NOT included on the Contaminated Land Register.

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



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

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 **

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Requested By: External Supervisor

HISTORICAL 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. 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

HISTORICAL 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

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 VEGETATION MANAGEMENT ACT 1999	13/12/2007 13:48	CURRENT

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 **

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Requested By: External Supervisor

[Form 1]

VOL: C 426 FOLIO: 224



30426224



76.322

Deed of Grant of Land
Land Act 1962-1975

Acquired by PURCHASE AT AUCTION

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:

Whereas in conformity with the Laws and Regulations in force for the alienation of Crown Land in our State of Queensland,
JOHN KIRK

has 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 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, do hereby Grant unto the said
JOHN KIRK, his Administrators
and Assigns, subject to the Reservations hereinafter mentioned,

All That Parcel of Land in our State, containing by admeasurement **3 247.602 HECTARES**
be the same more or less, situated in the County of **CONSUELO** Parish of **PURBROOK,**
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. **Cue. 37** Office of the Surveyor-General
exclusive of **40.469 Hectares** reserved for road purposes and as shown edged red on diagram hereon.
with all the Rights and Appurtenances whatsoever thereto belonging.
To Hold unto the said **JOHN KIRK, his Administrators**

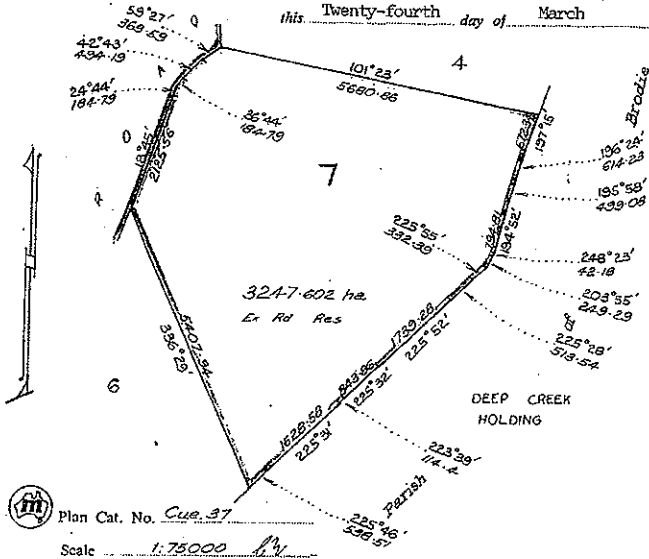
and Assigns for ever, Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for ever, if demanded: But Subject Nevertheless to the several Conditions and Reservations contained in and declared by the Land Act 1962-1975, the Mining Act 1968-1974 and "The Petroleum Acts, 1923 to 1967": 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 Act 1968-1974), on and below the surface of the said Land, and all Mines of Gold and Minerals, on and below the surface of the said Land: AND WE do hereby also reserve unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly authorised by Us in that behalf, the free right and privilege of access, including ingress, egress, and regress, into, upon, over, and out of the said Land, for the purpose of searching for or working Gold and Minerals, or any of them, or Mines of Gold and Minerals, or any of them, in any part of the said Land: AND WE do hereby also reserve unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Acts, 1923 to 1967"), 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:

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

WITNESS Our Trusty and Well-beloved 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 aforesaid, this** Eighteenth day of March in the twenty-fifth year of Our Reign and in the year of Our Lord One thousand nine hundred and seventy-six.

ENTERED as Country Land in the Register Book, Vol. 418, Folio 131 in the Office of the Surveyor-General, Queensland,
this Twenty-fourth day of March, 1976.

SURVEYOR-GENERAL



Plan Cat. No. Cue. 37
Scale 1:75000

Korh
Deputy Registrar of Titles
Central District

*T.F.P. C440626
B20/10/1982
C440627*

Kalyana Pty Limited

now ceded of an Estate in fee-simple in the within land

TRANSFER No. *C440626* PRODUCED *6 Aug 1982*

at *9.08 p.m.* REGD. **17 AUG 1982**

Korh
DEP. REGISTRAR OF TITLES
(Central District)

BILL OF ENCUMBRANCE to

John Kirk

No. *C440627* PRODUCED *6 Aug 1982*

at *3.08 p.m.* REGD. **17 AUG 1982**

Korh
DEP. REGISTRAR OF TITLES
(Central District)

THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED TO LOT(S) 7

ON REGISTERED PLAN No. CUE 37

- 8 APR 1986

DEPUTY REGISTRAR OF TITLES
(CENTRAL DISTRICT)

BY PLAN CAT. No. 620759 part of the within land is surveyed as proposed Easement A

No. C. 597222 PRODUCED *25 Jun 1990*

REGD.

- 4 SEP 1990

DEP. REGISTRAR OF TITLES
(Central District)

TRANSFER to *The Secretary for Mines* of an

Easement over

Easement A on Regd. Plan 620759

No. C. 597222 PRODUCED *25 Jun 1990*

RECORDED

- 4 SEP 1990

DEP. REGISTRAR OF TITLES
(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

EASEMENTS, ENCUMBRANCES AND INTERESTS

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 **

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Requested By: External Supervisor

HISTORICAL TITLE SEARCH

NATURAL RESOURCES AND WATER, QUEENSLAND

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

Title Reference: 30118248
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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

EASEMENTS, ENCUMBRANCES AND INTERESTS

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

HISTORICAL 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

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	Type	Lodgement Date	Status
706564815	NOTC INT RES ACQUISITION OF LAND ACT 1967	30/04/2003 15:58	NOT CURRENT
709738804	VEG NOTICE VEGETATION MANAGEMENT ACT 1999	30/06/2006 15:35	CURRENT

HISTORICAL 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

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 **

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Requested By: External Supervisor



QUEENSLAND

No. C. 10492



(C)

No. of PREVIOUS Deed of Grant 10485

REGISTER BOOK, VOL. 118 FOLIO 248

CERTIFICATE OF TITLE.

Christian Frederik Jorgensen

of
pursuant to Memorandum of Conveyance No. CA1512 produced the Twenty fifth day of August 1915, registered the Third day of September 1915 know seized of an Estate in Fee-simple, 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 Clinton Parish of Mount Larcombe

Being Portion five hundred and twenty five

containing by admeasurement twelve hundred and eighty six

more or less, commencing on the left bank of the creek which at the Northwest corner of Portion five hundred and twenty five and bounded thence on the south by that Portion bearing East one hundred and seventy four chains eighty one links on the East by a Road bearing North forty five, thence fifty links on the East by a Road by a Road bearing North fifty five chains ninety eight links on the North and thence by the left bank of that creek bearing North to the point of commencement & enclosing thence a road and a further strip of thirty six acres reserved for Road purposes as shown on plan of Survey deposited in the Land Office

originally granted by Deed of Grant No. CA4485 to William Sutton

Saving Alongs 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 Seventh day of September One thousand nine hundred and fifteen

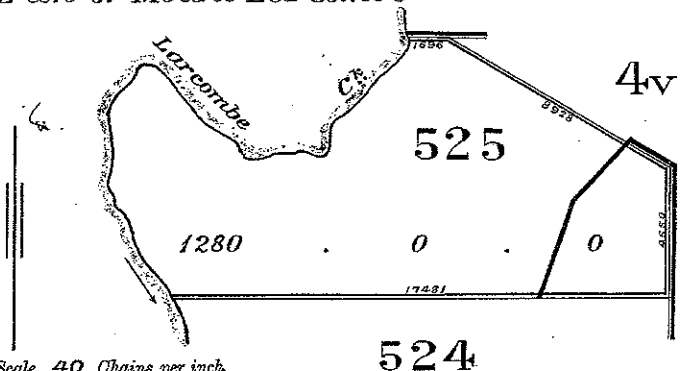
Signed, Sealed, and Delivered, the 7th day of September 1915, in presence of

A. M. ...



Parish of Mount Larcombe

LOCAL DEPUTY REGISTRAR OF TITLES
CENTRAL BRANCH



~ Over ~

C41513 5 11 of Mortgage produced 25 Aug 1915
 1915 1915 6a registered on 20 Sept 1915
 to the QUEENSLAND NATIONAL BANK Limited
 of sum secured seven hundred and
forty one pounds and further
 repayable with interest as therein contained
 RELEASED BY DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT)
 DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT)
 Dep. Registrar of Titles,
 Brisbane.

TRANSFER to The Secretary for Mines of an
 Easement over on Regd. Plan 620225
 No. C 598381B PRODUCED 20 July 1990
 RECORDED
 20 JUL 1990 A.S. Winkler
 DEP. REGISTRAR OF TITLES
 (Central District)

PURSUANT to Memo. of TRANSFER No. C 86913 produced
14 Sept. 1972 at 11.40 a.m., registered 14 Sept. 1972
 — Annie Rideout — wife
 of Arthur Edgar Rideout — is now SEISED of an Estate
 IN FEE SIMPLE in the WHOLE of the within Land.
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL BRANCH)
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)

T.M.
 C 86913

No. C 327726 the registered proprietor having
 died on 12 Dec. 1974, the within land is transmitted
 to The Union Fidelity Trustee Company of Australia Limited
and William James Sutherland Rideout
as executors in trust
 Under Will dated 27 Apr. 1973
 Produced 19 May 1975 at 3.47 p.m. Entered
11 JUL 1975
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)

Succession Duty not paid by death
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)

By Simon
 17/8/98
 T.M. 327726

— William James Sutherland Rideout —
 now seized of an Estate in fee-simple in the within land. 3.55
 Transfer No. C 332333 Produced 22 Sep 1975 at p.m.
 Registered 25 SEP 1975
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)

THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED
 TO LOT 525
 ON REGISTERED PLAN No. C140243
31 JUL 1986
 DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)

BY PLAN CAT. No. 620995 part of the within land is surveyed
 as proposed Easement L
 No. C 598381B PRODUCED 20 July 1990
 RECORDED
20 JUL 1990 A.S. Winkler
 DEP. REGISTRAR OF TITLES
 (Central District)

Queensland

52

C. No. 4485

A. Deed of Grant for Conditional Purchase Selection.

County Clinton
Shire Mount Lorne
Area 1280 acres

Edward the Seventh, by the Grace of God, King of the United Kingdom of Great Britain and Ireland, Defender of the Faith, Emperor of India, and so forth

To All to whom these Presents shall come, greeting

Whereas, in conformity with the Laws and Regulations in force for the Alienation of Crown Lands in Our State of Queensland, William Dutton, on the twenty day of May 1883 made application to select the land hereinafter described by Conditional Purchase, and his application having been duly approved and confirmed a lease of this said land for a term of ten years was afterwards issued to him reserving our annual rent of half four pounds sterling: But whereas the said William Dutton has since become entitled to a Deed of Grant in Fee-simple of the said land: Now know ye that in consideration of the purchase and in further consideration of the said said purchase received We with the advice of His Executive Council of our said State have thought fit and for the said heirs and Successors do hereby grant unto the said William Dutton his Administrators and Assigns subject to the several and respective Reservations hereinafter mentioned All that Piece or Parcel of Land in Our said State containing by admeasurement Twelve hundred and eighty acres be the same more or less situated in the County of Clinton and Parish of Mount Lorne Being Five hundred and twenty five Selection No 523 Madakow District Being the land selected under the 38th Section of "The Crown Lands Alienation Act of 1876" commencing on the left bank of Lorne Creek at the Northwest corner of Section Five hundred and twenty four and being four and bounded there on the South by that portion bearing East one hundred and seventy four chains and eighty one links on the East by a road bearing North forty five chains and fifty links on the North-east by that road and further South bearing three hundred and one degree three minutes eighty nine chains and seventy eight links on the North by a road bearing two hundred and seventy degree four minutes fifteen chains and ninety six links to Lorne Creek and thence by the left bank of that creek downstream to the point of commencement: exclusive of the area for a highway road, and a further area of thirty five acres reserved for road purposes: as shown on plan of survey deposited in the Surveyor General's Office, with all the Rights and Appurtenances whatsoever thereto belonging, but not including any part of the land of the said Creek or the said roads or any of them. To hold unto the said William Dutton his Administrators and Assigns for term of years yielding and paying therefor yearly unto the said Heirs and Successors the said Rent of our Reservations for term of years demanded: But subject nevertheless to the several conditions and Reservations contained in and declared by the laws of our said State in that behalf: In Testimony whereof We have caused this Our Grant to be sealed with the Seal of Our said State.

Witness Our Right Trusty and Well Beloved Charles Walter Alexander Rogers, Baron Admiralty 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 twenty fifth day of April in the first year of our reign and in the year of our Lord One thousand nine hundred and one.

Lamington

VOL: C 86 FOLIO: 052
30086052

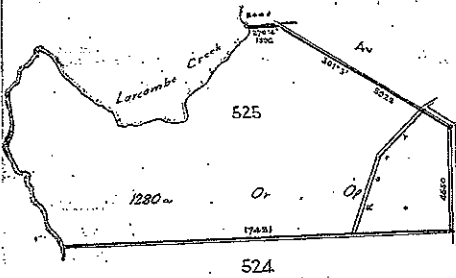
Entered in the Register of Land Grant Purchases A. Book 151 Folio 51.5 in the Surveyor General's Office, Brisbane this twenty sixth day of April 1901.

Chief Clerk

Entered in the Register Book Vol. 86 Folio 52 this Third day of May 1901.

Dep. Registrar of Titles
Central Branch

PARISH OF MOUNT LARCOMBE



No. C.17357 Bill of Mortgage produced 25 Oct. 1901
 at 3.40 p.m. registered 29 October 1901
 from William Cullum to James Wells
 principal sum secured £100 repayable 25 October 1902
 interest at the rate of 5% per annum per annum payable quarterly
 Local Dep. Reg. of Titles (Central Branch)

No. 17751. TRANSMISSION BY DEATH.
 In consequence of the death of the above-named James Wells on the 13. day of Oct. 1901 his interest in Bill of Mortgage No. 17357. became transmitted to John Bell and Ross Parkland James as Executors
 as appears by documentary evidence, produced 12 day of Feb. 1902 entered 1 day of Feb. 1902.
 Local Dep. Reg. of Titles (Central Branch)

No. 18896 Bill of Mortgage produced 10 Oct. 1902
 at 3.36 p.m. registered 13 Oct. 1902
 from William Cullum to Andrew Robert Hamilton
 principal sum secured £100 repayable 10 Oct. 1903
 interest at the rate of 5% per annum per annum payable quarterly
 Local Dep. Reg. of Titles (Central Branch)

No. 620385. Transfer of Bill of Mortgage No. 17357.
 produced 15 Mar. 1902 at 11.0 p.m. registered 18 Mar. 1902 from John Bell and Ross Parkland James to Andrew Robert Hamilton
 Dep. Registrar of Titles

No. 222020 Bill of Mortgage produced 26 Apr. at 11.44 a.m. registered 28 Apr. from William Cullum to William Henry Charles Hamilton
 principal sum secured £100 repayable 12 Mar. 1905
 interest at the rate of 5% per annum per annum payable quarterly
 Local Dep. Reg. of Titles (Central Branch)

No. C.22287 Bill of Mortgage produced 18 Aug. 1901 at 3.27 p.m. registered 21 August 1901 from William Cullum to Frank Langdon
 principal sum secured £100 repayable 17 July 1906
 interest at the rate of 5% per annum per annum payable quarterly
 Local Dep. Reg. of Titles (Central Branch)

NEW TITLE No. C.13280
 PURSUANT to Memo of TRANSFER No. C.23555 Produced 9 Nov. 1906 at 3.36 p.m. registered 13 Nov. 1906
 Louis Edward Kohler
 OF ... now SEIZED of an Estate IN FEE SIMPLE in the WHOLE of the within land.
 Witness: Kohler
 Local Dep. Reg. of Titles (Central Branch)

NEW TITLE No. C.14522
 PURSUANT to Memo of TRANSFER No. C.27767 produced 4 Dec. 1909 at 11.0 a.m. registered 8 Dec. 1909
 Philip Bennett
 OF ... now SEIZED of an Estate IN FEE SIMPLE in the WHOLE of the within land.
 Witness: Bennett
 Local Dep. Reg. of Titles (Central Branch)

No. 32277 Bill of Mortgage produced 29 Feb. 1912 at 3.10 p.m. registered 1 Mar. 1912 from Philip Bennett to The Royal Bank of New Zealand
 principal sum secured £100 repayable with interest therein stated.
 Local Dep. Reg. of Titles (Central Branch)

Annexed to Deed of Grant No. 4485, Vol. 86 Folio 52. This 14th day of June, nineteen hundred and fifteen, for the purpose of Rectifying Memorial's Error.

[Signature]

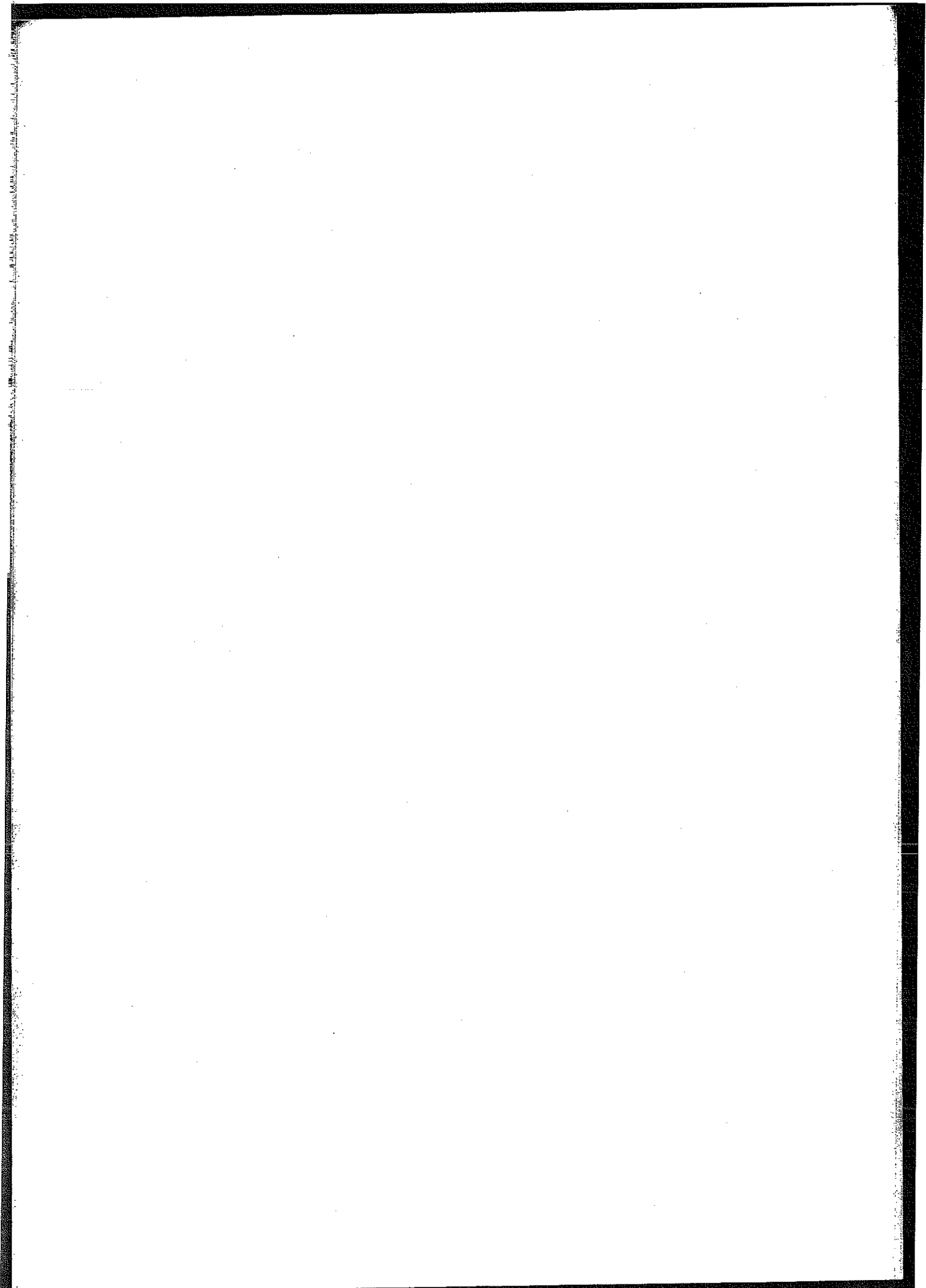
Dep. Registrar of Titles,
Central Branch.

No. C.40941 Bill of Mortgage produced June 1916
at 12.5 PM registered 14 June 1916
from Philip Bevanall - to William Stullerton
Principal sum secured, two thousand four hundred and fifty pounds payable 12 Oct. 1916
Interest at the rate of 5% per centum per annum payable
CANCELLED <i>[Signature]</i>
Local Dep. Reg. of Titles

No. 641512 TRANSFER of the whole of the upland to Christian Friedrich Gerson, prob. 25 Aug 1915 at 10.55 AM registered 3 Sept 1915 Free from Mortgage Canceled as above *[Signature]*

Vide Vol. 118 folio 248 Local Dep. Reg. of Titles

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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

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. 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)
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 **

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Requested By: External Supervisor

HISTORICAL 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

HISTORICAL 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
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 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

HISTORICAL 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

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 **

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Requested By: External Supervisor

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

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. 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

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

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 **

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Requested By: External Supervisor

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

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

EASEMENTS, ENCUMBRANCES AND INTERESTS

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 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 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
10. Rights and interests reserved to the Crown by
Deed of Grant No. 40012840 (Lot 267 on CP CL4093)

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

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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Requested By: External Supervisor

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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Requested By: External Supervisor

[Form 1.1]

Title Reference: 40012840



QUEENSLAND

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 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 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/RP612266	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

P. Arnison

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)

HISTORICAL TITLE SEARCH

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

1. 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)

HISTORICAL TITLE SEARCH

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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Requested By: CITEC CONFIRM

Form 1 J

QUEENSLAND.

VOL: C 122 FOLIO: 078

DEED OF GRANT OF LAND.



30122078

No. 7174

ACQUIRED BY Agricultural Selection

George the Fifth, by the Grace of God, of the United Kingdom of Great Britain and Ireland, and of the British Dominions beyond the Seas, King, Defender of the Faith:—

To All to whom these Presents shall come, Greeting:

Whereas, In conformity with the Laws and Regulations in force for the alienation of Crown Land in Our State of Queensland, Walter James Pruzeman

has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described: Now Know Ye that, in consideration of the premises and of the sum of Four hundred and sixty four pounds ten shillings and one penny 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, 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 Walter James Pruzeman

Administrators and assigns, subject to the Reservations hereinafter mentioned, All that Parcel of Land in Our said State, containing by admeasurement One thousand one hundred and five acres and twenty three perches be the same more or less, situated in the County of Blinton Parish of St. Lawrence Portion Twenty four

Being the Land selected as Agricultural Farm No. 112 Gladstone District Commencing at the North East corner of Portion 310 and bounded thence on the West by that portion bearing 150 degrees 9 minutes one hundred and ten chains and thirty five links On the South by portion 10 v bearing 89 degrees 50 minutes one hundred and three chains and thirty two links On the East by portion 253 bearing 27 minutes thirty nine chains and eighty two and one tenth links by a line bearing 303 degrees 10 minutes two chains and thirty seven and seven tenths links And by a road bearing 27 minutes sixty eight chains and twenty six links and 345 degrees 41 minutes twenty seven and one tenth links And on the North by portion 25 bearing West twenty two chains and thirty eight and six tenths links And by a road bearing 26 degrees 57 minutes seventy nine chains and forty six and two tenths links to the first of Commencement; exclusive of twenty three acres and thirty six perches for a surveyed road:

as shown on Plan of Survey deposited in the Survey Office, with all the Rights and Appurtenances whosoever thereto belonging but not including any part of the Soil of the said Roads or any of them

To Hold unto the said Walter James Pruzeman 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 Nevertheless to the several Conditions and Reservations contained in and declared by "The Land Act of 1910," "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 or 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, 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 with the Seal of Our said State.

Witness Our Trusty and Well-beloved Sir HAMILTON JOHN GOULD-ADAMS, Major on the Retired List of Our Army, Knight Grand Cross of Our Most Distinguished Order of St. Michael and St. George, Companion of Our Most Honourable Order of the Bath, Governor of Our State of QUEENSLAND and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this twenty seventh day of April in the seventh year of Our Reign, and in the year of Our Lord One thousand nine hundred and seventeen.

Hamilton Gould-Adams

ENTERED in the Register of County Land Purchases A, Book 19E, Folio 33, in the Survey Office, Brisbane, this thirtieth day of April, 1917.

Incanted for the SURVEYOR-GENERAL

ENTERED in the Register Book, Vol. 122, Folio 78, this second day of May, 1917.

Registrar of Titles Central District



QUEENSLAND.

FORM 1.

Deed of Grant of Land.

No. C10013 Acquired by AGRICULTURAL SELECTION.

George the Sixth, by the Grace of God, of Great Britain, Ireland, and the British Dominions beyond the Seas, King, Defender of the Faith, Emperor of India:—

To All to whom these Presents shall come, Greeting:

Whereas, 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: ~~Not Known~~ **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, do 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 EIGHT HUNDRED AND SIXTY-SIX ACRES THREE RODS THIRTY-ONE PERCHES

be the same more or less, situated in the County of CLINTON Parish of GALLOPE, PORTIONS FORTY-FOUR AND FORTY-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 road 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 road 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 commencement

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: **We** Grant unto the said

ALFRED JAMES BOYLE

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 nevertheless 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** do hereby reserve unto Us, Our Heirs and Successors, all Gold and Minerals (the term "Minerals" to have the same meaning as in "The Mining on Private Land Acts, 1909 to 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: **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 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, into, upon, over, and out of the said Land, for the purpose of searching for or working Gold and Minerals, or any of them, or Mines of Gold and Minerals, or any of them, in any part of the said Land: **And** **We** do hereby also reserve unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Acts, 1923 to 1939"), 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 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 Whereof **We** have caused this Our Grant to be Sealed with the Seal of Our said State.

Witness Our Right Trusty and Well Beloved Counsellor, SIR LESLIE ORME WILSON, Colonel on the Retired List of Our Royal Marines, Knight Grand Commander of Our Most Exalted Order of the Star of India, Knight Grand Cross of Our Most Distinguished Order of Saint Michael and Saint George, Knight Grand Commander of Our Most Eminent Order of the Indian Empire, Companion of Our Distinguished Service Order, Governor of Our State of Queensland and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this twenty-seventh day of May in the fifth year of Our Reign and in the year of Our Lord One thousand nine hundred and forty-one.

Leslie Wilson

ENTERED as Country Land in the Register Book, Vol. 264, Folio 42, in the Survey Office, Brisbane, this second day of June, 1941.

Murray
SURVEYOR GENERAL

ENTERED in the Register Book, Vol. 193, Folio 166, this eleventh day of June, 1941.

Al Hammerster
DEPUTY REGISTERAR OF TITLES
Brisbane District



Form Lj

VOL: C 134 FOLIO: 227



30134227

Deed of Grant of Land.

No. C 7823

Acquired by Agricultural Selection

George the Fifth, by the Grace of God, of the United Kingdom of Great Britain and Ireland, and of the British Dominions beyond the Seas, King, Defender of the Faith:

To All to whom these Presents shall come, Greeting:

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

John James Athelstone Murray
has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described: Now Knowe We that, in consideration of the premises and of the sum of Six hundred and nineteen 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, 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 James Athelstone Murray Administrators and Assigns, subject to the Reservations hereinafter mentioned, All that Parcel of Land in Our said State, containing by admeasurement One thousand two hundred and seventy acres one rood fifteen perches

be the same more or less, situated in the County of Windsor Parish of Roads Bay Portion two Gladstone District
Being the land selected as Agricultural Farm, No. 148
Commencing at the north corner of portion 32, and bounded thence on the east by that portion bearing South one hundred and four chains ninety six links on the south by portions 22 and 25 bearing west ninety two chains fifty links on the west by the last-mentioned portion and portions 12, 13 and 14 bearing north one hundred and sixty nine chains seventy links and on the north-east by portion 14 bearing 12.5 degrees one hundred and twelve chains ninety three 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

To Hold unto the said John James Athelstone Murray 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 nevertheless 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 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, 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 with the Seal of Our said State.

Witness Our Right Trusty 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 teenth day of January in the thirteenth year of Our Reign, and in the year of Our Lord One thousand nine hundred and twenty-three

Matthew Nathan

ENTERED as Country Land in the Register Book, Vol. 208 Folio 27, in the Survey Office, Brisbane, this thirteenth day of January, 1923.

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

W. S. Murray
REGISTRAR OF TITLES,
Central District



QUEENSLAND

VOL: C 134 FOLIO: 889



30134089

Form 1

No. C 7685

Deed of Grant of Land.

Acquired by Purchase at Auction

George the Fifth, by the Grace of God, of the United Kingdom of Great Britain and Ireland, and of the British Dominions beyond the Seas, King, Defender of the Faith:

To All to whom these Presents shall come, Greeting:

Whereas, 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: Lot 200 of that, in consideration of the premises and of the sum of One hundred and fifty pounds 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, 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 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 One hundred and ninety nine acres and eighteen perches

be the same more or less, situated in the County of Clinton Parish of Calliope Portion fifty

Being the land notified for sale by Public Auction as Country Lot 1, by Notification dated the fourth day of May, 1911, commencing at the North West corner of portion 51 and bounded thereon the South by that portion bearing 89 degrees 41 minutes fifty six chains seventy one and two tenths links. On the East by portion 49 bearing 35 degrees 41 minutes fifty two chains seventy five and two tenths links. On the North by portion 44 bearing 24 degrees 41 minutes fifty six chains seventy six and two tenths links. and on the West by a road bearing 179 degrees 39 minutes fifty two chains seventy one and eight tenths 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

but not including any part of the soil of the said road

To hold unto the said Alfred James Boyle

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 Nevertheless 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 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, 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 with the Seal of Our said State.

Witness Our Right Trusty 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 twelfth day of November in the twelfth year of Our Reign, and in the year of Our Lord One thousand nine hundred and twenty-one.

Matthew Nathan

ENTERED in the Register of Country Land Purchases A, Book 204 Folio 156, in the Survey Office, Brisbane, this twelfth day of November, 1921.

ENTERED in the Register Book, Vol. 134, Folio 89, this fifteenth day of November, 1921.

W. J. ...
REGISTER OF TITLES
Arthur ...



30067051

QUEENSLAND.

Form No.

C No. 2300

County Aburatsubo
Parish St. Leonards
Lot 199 acs 3 cr. 20 p.

A. DEED OF GRANT FOR CONDITIONAL PURCHASE SELECTION.

WE KNOW, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, and so forth:—

TO ALL to whom these Presents shall come, Greeting:

WHEREAS, in conformity with the Laws and Regulations in force for the Alienation of Crown Lands in Our Colony of Queensland, Joseph Harley Tanner of _____ on the 17th day of January 1895, made application to select the Land hereinafter described, by Conditional Purchase, and his 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 Five pounds

sterling: And whereas the said Joseph Harley Tanner has since become entitled to a Deed of Grant in Fee-Simple of the said Land: Now Know Ye, That in consideration of the premises, And in further consideration of the Quit-Rent hereinafter reserved, We, with the advice of The Executive Council of Our said Colony, have Granted, and for Us, Our Heirs and Successors, do hereby Grant, unto the said Joseph Harley Tanner his 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 One hundred and sixtynine acres three roods twenty paches be the same more or less, situated in the County of Aburatsubo and Parish of St. Leonards Section 551

Aburatsubo District Section Five hundred and fifty one
Being the land selected under the 25th section of the Crown Lands Alienation Act of 1876.
Commencing at a point bearing ninety five degrees thirty eight minutes and distant two hundred and one quarter of a mile from the southwest corner of portion two hundred and hundred thence on the west by a road bearing north fifty three chains and thirty five and a half links on the north by a line bearing east thirty six chains and forty eight links on the east by a line bearing south fifty five chains and six and three quarters links and on the south by a road bearing two hundred and twenty two degrees thirty eight minutes thirty six chains and a fifth of a link to the point of commencement

as shown on Plan of Survey deposited in the Surveyor-General's 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 Hold unto the said Joseph Harley Tanner his Administrators and Assigns for ever Yielding and Paying therefor Yearly unto Us, Our Heirs and Successors, the Quit-Rent of One Peppercorn for _____
But Subject Nevertheless to the several Conditions and Reservations contained and declared in the Laws of Our said Colony
In Testimony Whereof, We have caused this Our Grant to be Sealed with the Seal of Our said Colony

WITNESS Our Trusty and Well-beloved Sir Henry Wylie Hume, General of Our Forces, Knight Grand Cross of Our Most Honourable Order of the Bath, Knight Grand Cross of Our Most Distinguished Order of St. Michael and St. George, Companion of Our Most Eminent Order of Our Indian Empire, Governor and Commander in Chief of Our Colony of QUEENSLAND and its Dependencies, at Government House, Brisbane, in QUEENSLAND aforesaid, this twenty fourth day of August in the fifty eighth year of Our Reign, and in the year of Our Lord one thousand eight hundred and ninety five.

ENTERED in the Register Book
day of August 1895

Vol. 67 Folio 51 this Thirtieth

W. J. Hume
W. J. Hume
REG. REGISTRAR OF TITLES
C. J. Hume



QUEENSLAND

Form 1.

VOL: C 134 FOLIO: 090



30134090

No. ^C 7686

Deed of Grant of Land.

Acquired by Purchase at Auction

George the Fifth, by the Grace of God, of the United Kingdom of Great Britain and Ireland, and of the British Dominions beyond the Seas, King, Defender of the Faith:

To All to whom these Presents shall come, Greeting:

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

John Henry Kessel

has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described: Now Know Ye that, in consideration of the premises and of the sum of One hundred and fifty two pounds 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. 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 Henry Kessel

his Administrators and Assigns, subject to the Reservations hereinafter mentioned, All that Parcel of Land in Our said State, containing by admeasurement Three hundred and two acres two roods twenty two perches

be the same more or less, situated in the County of Clinton Parish of Catherine Portion fifty one

Being the land notified for sale by Public Auction as Country Lot 2, by Auction on dated the fourth day of May, 1911

Commencing at the South-West corner of portion 50 and bounded thence on the North by that portion bearing 29 degrees 44 minutes fifty six chains sixty one and two tenths links on the East by portion 52 bearing 179 degrees 41 minutes fifty three chains thirty two links on the South by portion 53 and by portion 55, Parish of West Howe, bearing 29 degrees 35 minutes fifty six chains sixty seven and three tenths links and on the West by a road bearing 59 degrees 59 minutes fifty three chains forty four and nine tenths 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 including any part of the lot of the said road

To Hold unto the said John Henry Kessel

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 Nevertheless 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 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, 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 with the Seal of Our said State.

Witness Our Right Trusty 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 ~~of~~ 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 fourth day of November in the twelfth year of Our Reign, and in the year of Our Lord One thousand nine hundred and twenty-one.

Matthew Nathan

ENTERED in the Register of Country Land Purchases A, Book 204 Folio 157, in the Survey Office, Brisbane, this eleventh day of November, 1921.

ENTERED in the Register Book, Vol. 134, Folio 90, this eleventh day of November 1921.

W. S. Gordon
Registrar of Titles
Central District

Vol. C 38 Fol. 199



QUEENSLAND.

Form No. 1

No. 60437

County Clinton

Parish Mount Lacombe

Date of Purchase 19th August 1875

Area 1000 acres

A. LAND PURCHASE.

38
199

WEEDS, by the Grace of God, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, and so forth:-

TO ALL to whom these Presents shall come, Greeting.

WHEREAS, in conformity with the Regulations now in force for the Alienation of Crown Lands in Our Territory of Queensland,

Michael Kelly of _____ has become the Purchaser of the Land hereinafter described, for the Sum of

Three hundred pounds Sterling:

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 Territory before these Presents are issued, And in further consideration of the Quit-Rent hereinafter reserved, We, with the advice of the Executive Council of Queensland have Granted, and for Us, Our Heirs and Successors, do hereby Grant unto the said

Michael Kelly 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 One thousand acres be the same more or less, situated in the County of Clinton and Parish of Mount Lacombe

Selection 253 Gladstone District Portion Two hundred and fifty three

Commencing at a point two chains North from the North-east Corner of Portion Two hundred and four and bounded thence on the South by a line bearing West one hundred chains, on the West by a line bearing North one hundred chains on the North by a line bearing East one hundred chains and on the East by a line bearing South one hundred chains to the point of commencement

Being the land selected under the 46th Section of the Crown Lands Alienation Act of 1868

With all the Rights and Appurtenances whatsoever thereto belonging

To Hold unto the said Michael Kelly his 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: Provided Nevertheless, 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 Colony, 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 Testimony Whereof We have caused this Our Grant to be Sealed with the Seal of Our said Colony.

WITNESS Our Trusty and Well-beloved Sir Anthony Musgrave Knight Grand Baron of the Most Distinguished Order of St Michael and St George Governor and Commander-in-Chief of the Colony of QUEENSLAND and its Dependencies, at Government House, Brisbane in QUEENSLAND aforesaid, this 19th day of September in the forty-ninth year of Our Reign, and in the year of our Lord One thousand eight hundred and eighty five

(sgd) A. Musgrave

ENTERED in the Register Book Vol. 562, Folio 197, this Eighteenth day of September 1885

(sgd) Tho Mylne Registrar of Titles



VOL. C 176 FOL. 204
30176204

Form 1.

Deed of Grant of Land.

No. C9300

Acquired by AGRICULTURAL SELECTION.

George the Sixth,

by the Grace of God, of Great Britain, Ireland, and the British Dominions beyond the Seas, King, Defender of the Faith, Emperor of India:—

To All to whom these Presents shall come, Greeting:

Whereas,

in conformity with the Laws and Regulations in force for the alienation of Crown Land in Our State of Queensland, ALFRED JAMES BOYLE as Administrator of the personal estate of Ellen Boyle, deceased,

has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter described: Not Known We that, in consideration of the premises and of the sum of Three hundred and fifty-eight pounds nineteen shillings and eleven 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, do hereby Grant unto the said Alfred James Boyle, as such administrator as aforesaid, his Administrators

and Assigns, subject to the Reservations hereinafter mentioned, All that

Parcel of Land in Our said State, containing by admeasurement four hundred and seventy-eight acres two roods twenty-five perches be the same more or less, situated in the County of Clinton Parish of Mt. Laramie, Portions three, six and seven Being the land selected as Agricultural Farm No. 565, Gladstone District;

Commencing at the north-west corner 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 south 79 chains 10 1/10 links, by portion 25 bearing west 38 chains 53 links, by a road bearing 341 degrees 5 chains 37 links, and 359 degrees 52 minutes 96 chains 4 2/10 links, by lines bearing east 12 chains 65 links, and north 12 chains, and by a road bearing 80 degrees 36 chains 12 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, but not including any part of the soil of the said roads or any of them:

To Hold unto the said Alfred James Boyle, 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 Subject Nevertheless 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": And We do hereby reserve unto Us, Our Heirs and Successors, all Gold and Minerals (the term "Minerals" to have the same meaning as in "The Mining on Private Land Acts, 1909 to 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: 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: And We do hereby also reserve unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Acts, 1923 to 1929"), 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 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 Whereof We have caused this Our Grant to be Sealed with the Seal of Our said State.

Witness Our Right Trusty and Well-beloved Counsellor, SIR LESLIE ORME WILSON, Colonel on the Retired List of Our Royal Marines, Knight Grand Commander of Our Most Exalted Order of the Star of India, Knight Grand Commander of Our Most Eminent Order of the Indian Empire, Companion of Our Most Distinguished Order of Saint Michael and Saint George, Companion of Our Distinguished Service Order, Governor of Our State of Queensland and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this fourteenth day of February in the first year of Our Reign, and in the year of Our Lord One thousand nine hundred and thirty-seven.

Leslie Wilson

Provey
SECRETARY GENERAL

ENTERED as Country Land in the Register Book, Vol. 248, Folio 364, in the Survey Office, Brisbane, this fourteenth day of February, 1937.

ENTERED in the Register Book, Vol. 176, Folio 204, this eighteenth day of February, 1937.

Wasson
REGISTRAR OF TITLES

[Form 1.1]

Title Reference: 40025540



QUEENSLAND

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 Our Trusty and Well-beloved His Excellency 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 aforesaid, this 27th day of July, in the 49th Year of Our Reign and in the year of Our Lord 2003

SCHEDULE 1 - DESCRIPTION OF LAND

Lot/Plan 25/SP104429 County CLINTON Parish CALLIOPE MT LARCOM

Handwritten signature of Peter Arnison

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)

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

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. 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

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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Requested By: External Supervisor

HISTORICAL 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

EASEMENTS, ENCUMBRANCES AND INTERESTS

1. 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

HISTORICAL 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

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
10. 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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Requested By: External Supervisor

HISTORICAL TITLE SEARCH

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

EASEMENTS, ENCUMBRANCES AND INTERESTS

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

HISTORICAL TITLE SEARCH

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

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

HISTORICAL TITLE SEARCH

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

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

HISTORICAL TITLE SEARCH

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	Lodgement Date	Status
707929154	SETTLMNT NTC	28/07/2004 14:18	NOT CURRENT
708086738	SETTLMNT NTC	27/09/2004 11:34	NOT CURRENT

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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Requested By: External Supervisor

ME—Govt. Printer, Qld

CERTIFICATE OF TITLE

(Page 1)

40304
Dealing Nos.: C616260N, C616261L

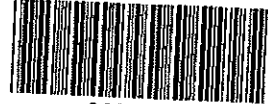
Vol. **C 610** Fol. **8**

QUEENSLAND

Previous Titles:
 Vol. C492 Fol. 45
 C593 217
 C595 194



VOL: C 610 FOLIO: 008



30610008

Issued: 16 May, 1991

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: *M. H. H.*

J. B. Richard
 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)
2. 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
5. Mortgage No. C595023E to ~~Hong Kong Bank of Australia~~ ^{HongkongBank of Australia Limited}, AIDC Ltd, Barclays Bank Australia Limited and Fuji International Finance (Australia) Limited Recorded 11 May 1990

Corrected
J


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.

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR	INSTRUMENT			RECORDED
	NATURE	NUMBER	PRODUCED	

SECOND SCHEDULE (continued)

INSTRUMENT NUMBER	PARTICULARS	CANCELLATION INSTRUMENT	
		PRODUCED	RECORDED
0616262T	Hongkong Bank of Australia Limited, Hongkong Bank of Australia Limited, AIDC Ltd, Barclays Bank Australia Limited and Fuji International Finance (Australia) Limited	24APR1991	
	17 MAY 1991 		

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR OF TITLES ARE CANCELLED.

* Dealings with this Lease will be Recorded on the Original Lease only instead of on this Certificate of Title.

[Form 1] 82. 839

VOL: C 492 FOLIO: 045



30492045



QUEENSLAND Deed of Grant of Land

Land Act 1962-1981

PURCHASE

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:—

Whereas in conformity with the Laws and Regulations in force for the alienation of Crown Land in our State of Queensland, and in pursuance of the provisions of Section 8(3) of the Mining Titles Freeholding Act 1980,

ANDREW GUERASSIMOFF

has become entitled to a Deed of Grant in Fee-simple of the Land hereinafter 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 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 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, do hereby Grant unto the said

ANDREW GUERASSIMOFF, his Administrators

and Assigns, subject to the Reservations hereinafter mentioned,

all That Parcel of Land in our State, containing by admeasurement 139.8 HECTARES

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

as delineated on plan of Survey catalogue No. Ds.620 deposited in the Department of Mapping and Surveying and as shown edged red on diagram hereon with all the Rights and Appurtenances whatsoever thereto belonging. To Hold unto the said

ANDREW GUERASSIMOFF, 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 Nevertheless to the several Conditions and Reservations contained in and declared by the Land Act 1962-1981, the Mining Act 1968-1980 and the Petroleum Act 1923-1981: 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 Act 1968-1980), on and below the surface of the said Land, and all Mines of Gold and Minerals, on and below the surface of the said Land: AND WE do hereby also reserve unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly authorised by Us in that behalf, 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 1923-1981), 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:

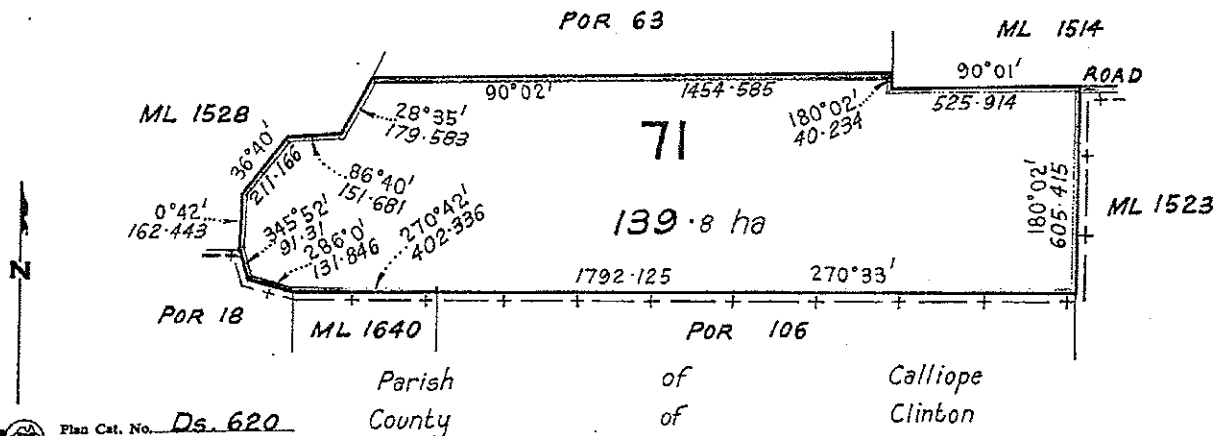
IN TESTIMONY WHEREOF, We have caused this Our Grant to be Sealed with the Seal of Our said State.

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, 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 February, in the thirty-first year of Our Reign and in the year of Our Lord One thousand nine hundred and eighty-two.

ENTERED as Country Land in the Register Book, Vol. 465 Folio 360 in the Department of Mapping and Surveying, Queensland, this Third day of March 1982.

RB

SURVEYOR-GENERAL



Plan Cat. No. Ds. 620

Scale: P.M. ENTERED in the Register Book, Vol. C.492, Folio 45, this 23rd day of March 1982

DEP. REGISTRY OF DEEDS CENTRAL DISTRICT

G.J.P.J.E. Ferguson Supplies Pty. Ltd.
 now registered proprietors in fee simple.
 TRANSFER No. C436553 PRODUCED 25 May 1982
 10-20-21 2 JUN 1987
Book
 DEP. REGISTRAR OF TITLES
 (Central District)

BILL OF MORTGAGE to G.J.P.J.E. Ferguson Supplies Pty. Ltd.
 No. C. 436554
 at 10-20-21
 REGD. No. 15 DEC 1983
 PROD. No. 15 DEC 1983
 DEP. REGISTRAR OF TITLES
 (Central District)

BILL OF MORTGAGE to Andrew Gurnea and
 Licia Joyce Gurnea
 No. C. 437734
 at 10-20-21
 REGD. No. NOV 1983
 PROD. No. NOV 1983
 DEP. REGISTRAR OF TITLES
 (Central District)

- Yarwood Properties Pty Ltd.
 now registered proprietors in fee simple.
 REQUEST TO CHANGE NAME No. C466911
 PRODUCED 12 Dec 1983
 REGISTERED 15 DEC 1983
 DEP. REGISTRAR OF TITLES
 (Central District)

THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED
 TO LOT (S) 71
 ON REGISTERED PLAN No. D5620
14 APR 1986
 DEP. REGISTRAR OF TITLES
 (Central District)

CAVEAT No. C574425Y

CAVEAT by Mimprac Resources Pty Ltd.
 No. C574425Y PRODUCED 28 May 1990
 WITHDRAWN 19 MAY 1990
 DEP. REGISTRAR OF TITLES
 (Central District)

Mimprac Resources Pty Ltd.
 now registered proprietors in fee simple.
 TRANSFER No. C595543X
 PRODUCED 17 May 1990
 RECORDED 30 MAY 1990
 DEP. REGISTRAR OF TITLES
 (Central District)

Mimprac Chemical Company Pty Ltd.
 now registered proprietors in fee simple.
 REQUEST TO CHANGE NAME No. C415400W
 PRODUCED 10 Apr 1991
 RECORDED 11 APR 1991
 ACTING DEPUTY REGISTRAR OF TITLES
 (CENTRAL DISTRICT)

BILL OF MORTGAGE to Langdon Investments Pty Ltd.,
 ALDC Limited, Langdon Investments Limited,
 and Lujia Investments Pty Ltd.
 No. C615491Y
 REGD. No. 16 APR 1991
 PROD. No. 16 APR 1991
 DEP. REGISTRAR OF TITLES
 (CENTRAL DISTRICT)

BY PLAN CAT. No. 801113 the within land is subdivided
 into lots 71 and 135
 No. C. 615579K PRODUCED 12 Apr 1991
 RECORDED 14 MAY 1991
 Reference to New Titles.
 Vol: C610 ACTING DEP. REGISTRAR OF TITLES
 Fol: 7 (Central District)

REQUEST to Issue Certificate of Title for lot 135 on RP801113
 No. C. 616261L PRODUCED 24 Apr 1991
 RECORDED
 Vol: C610
 Fol: 18
14 MAY 1991
 DEP. REGISTRAR OF TITLES
 (Central District)

M2-Govt. Printer, Qld

CERTIFICATE OF TITLE

(Page 1)

6915
Dealing No.: C583159E

Vol. C 593 Fol. 217

QUEENSLAND

VOL: C 593 FOLIO: 217



30593217

Previous Title:
Vol. C285 Fol. 49



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: *J. Wells*

B.A. McMahon



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.

FIRST SCHEDULE (continued)

REGISTERED PROPRIETOR

By Plan Cat No. 801045 part of the within land is surveyed as Proposed Easement R
 By Plan Cat No. 801113 the within land is subdivided into Lots 30 and 135 Cancelled except Lot 135 vide Vol. 6 to Fol. 6
 Transfer of Lot 135 on RP801113 to Minproc Chemical Company Pty Ltd Cancelled vide Vol. 6 to Fol. 8

RECORDED

16 AUG 1990 *S.S. Mithalaw*
 14 MAY 1991 *J.H. Bickford*
 14 MAY 1991 *J.H. Bickford*

INSTRUMENT NUMBER

C599823C 25 JUL 1990
 C615579K 12 APR 1991
 C616260N 24 APR 1991

NATURE

Plan
 Plan
 Tfr

PRODUCED

25 JUL 1990
 12 APR 1991
 24 APR 1991

SECOND SCHEDULE (continued)

INSTRUMENT NUMBER

Easement C599824E 25 JUL 1990

PARTICULARS

to The Secretary for Mines over Easement R on RP801045

RECORDED

16 AUG 1990 *S.S. Mithalaw*

CANCELLATION INSTRUMENT NUMBER

RECORDED

PRODUCED

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR OF TITLES ARE CANCELLED.
 * Dealings with this Lease will be Recorded on the Original Lease only instead of on this Certificate of Title.

60/449

Form 1.



QUEENSLAND.

Deed of Grant of Land.

VOL: C 285 FOLIO: 049



30285049

No. 12146

Acquired by AGRICULTURAL SELECTION

Elizabeth the Second, by the Grace of God, of the United Kingdom, Australia, and Her other Realms and Territories, Queen, Head of the Commonwealth, Defender of the Faith:--

To All to whom these Presents shall come, Greeting:

Whereas in conformity with the Laws and Regulations in force for the alienation of Crown Land in Our State of Queensland, FRANK WILLIAM WELLS BUTLER,

has become entitled to a Deed of Grant in Fee-simple of the land hereinafter described: Row known as: that, in consideration of the premises and of the sum of FIVE HUNDRED AND TWENTY-ONE POUNDS SEVENTEEN 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, do hereby Grant unto the said FRANK WILLIAM WELLS BUTLER,

his Administrators

and Assigns, subject to the Reservations hereinafter mentioned, All that

Parcel of Land in Our said State,

containing by admeasurement EIGHT HUNDRED AND THIRTY-FIVE ACRES,

be the same more or less, situated in the County of CLINCH Parish of GALLIOPES, PORTION ONE HUNDRED AND SIX,

Being the land selected as Agricultural Farm No.2229 Gladstone District.

Commencing at the south corner of miner's homestead 1523, and bounded thence on the north-east and the east by that miner's homestead bearing 294 degrees 6 minutes 4 chains 6 7/10 links and 359 degrees 46 minutes 42 chains 28 3/10 links, on the north by a line bearing 270 degrees 17 minutes 89 chains 8 6/10 links, on the west and again on the north by miner's homestead 1460 bearing 180 degrees 26 minutes 48 chains 15 9/10 links and 270 degrees 15 minutes 30 seconds 12 chains 17 2/10 links, on the west by a road bearing 210 degrees 3 chains 24 1/10 links and 180 degrees 18 minutes 45 chains, on the south and again on the west by portion 403 bearing 90 degrees 11 minutes 46 chains 90 links, and 180 degrees 14 minutes 27 chains 24 9/10 links; and on the south-east by a road bearing 23 degrees 26 minutes 18 chains 68 links, 359 degrees 48 minutes 7 chains 83 2/10 links, 22 degrees 45 minutes 16 chains 884 links, 93 degrees 35 minutes 9 chains 14 2/10 links, 32 degrees 3 minutes 4 chains 7 links, 57 degrees 15 minutes 21 chains 45 2/10 links, 34 degrees 34 minutes 27 chains 98 6/10 links and 50 degrees 49 minutes 2 chains 28 9/10 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, but not including any part of the soil of the said roads or any of them:

To Hold unto the said FRANK WILLIAM WELLS BUTLER,

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 nevertheless to the several Conditions and Reservations contained in and declared by "The Land Acts, 1910 to 1959," "The Mining on Private Land Acts, 1909 to 1956," and "The Petroleum Acts, 1923 to 1955": And We do hereby reserve unto Us, Our Heirs and Successors, all Gold and Minerals (the term "Minerals" to have the same meaning as in "The Mining on Private Land Acts, 1909 to 1956"), on and below the surface of the said Land, and all Mines of Gold and Minerals, on and below the surface of the said Land: And We do hereby also reserve unto Us, Our Heirs and Successors, and to such persons as shall from time to time be duly 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 them, in any part of the said Land: And We do hereby also reserve unto Us, Our Heirs and Successors, all Petroleum (the term "Petroleum" to have the same meaning as in "The Petroleum Acts, 1923 to 1955"), on or below the surface of the said Land: And also all rights of access for the purpose of searching for, and for the operations of obtaining Petroleum in any part of the said Land: And also all rights of way for access and for pipe lines and other purposes requisite for obtaining and conveying Petroleum in the event of Petroleum being obtained in any part of the said Land: And We do 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 Whereof We have caused this Our Grant to be Sealed with the Seal of Our said State.

In Witness Whereof We have signed the Honorable Sir ALAN JAMES MANSFIELD, Knight Commander of Our Most Distinguished Order of Saint Michael and Saint George, Chief

Witness of Our State of Queensland, acting as Deputy for and on behalf of Colonel on the Retired List of the Corps of Household Cavalry, Knight Commander of Our Royal Victorian Order, Companion of Our Distinguished Service Order, Governor in and over Our State of Queensland and its Dependencies, in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this twenty-third day of March in the tenth year of Our Reign, and in the year of Our Lord One thousand nine hundred and sixty-one.

Handwritten signature

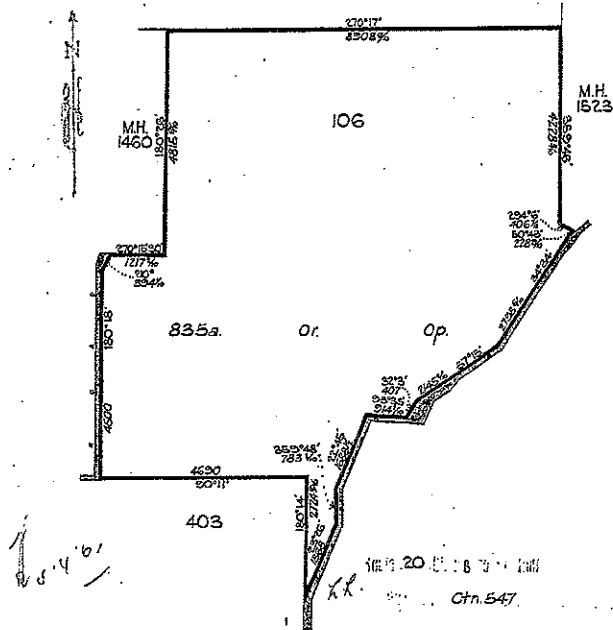
ENTERED as Country Land in the Register Book, Vol. 315, Folio 144, in the Survey Office, Brisbane, this twenty-eighth day of March, 1961.

ERIC MELLOR ACTING SURVEYOR GENERAL

ENTERED in the Register Book, Vol. 285, Folio 49 this fifth day of April, 1961. DEPUTY REGISTRAR OF TITLES

CENTRAL OFFICE

Parish of Calliope



TRANSFER to the Capricornia Electricity Board (Electricity) purposes over Easement B of an Easement (Electricity) on Regd. Plan 14425

No. C 408793 PRODUCED 22 Sep 1980

at 2:54 p.m. REGD. 27 OCT 1980

Enrolled Mortgage

Reich

DEP. REGISTRAR OF TITLES (Central District)

BY PLAN CAT. No. 14823 part of the within land is surveyed as Easement C

No. C 432606 PRODUCED 23 JUL 1982

at 11:24 a.m. REGD.

Spittell

DEP. REGISTRAR OF TITLES (Central District)

TRANSFER to the Gladstone Area Water Board (Water) purposes over Easement C of an Easement (Water) on Regd. Plan 14383

No. C 432607 PRODUCED 15 Jun 1980

at 11:24 a.m. REGD. 22 SEP 1980

Reich

DEP. REGISTRAR OF TITLES (Central District)

EASEMENT in favour of the registered proprietor of Lot 23 on 51 and Lot 8 on R.P. 14356 over Easement C on Regd. Plan 14883 of the within land.

No. C 452816 PRODUCED 12 Apr 1983

REGD.

12 MAY 1983 *Reich*

DEP. REGISTRAR OF TITLES (Central District)

THE DESCRIPTION OF THE WITHIN LAND IS CONVERTED TO LOT 1.6

ON ~~REGD.~~ PLAN No. CTN547

26 NOV 1985 *BAL*

ACTING DEPUTY REGISTRAR OF TITLES (CENTRAL DISTRICT)

BY PLAN CAT. No. 619932 the within land is subdivided into Lots 30-32

No. C 580967 PRODUCED 8 SEP 1989

REGD.

3 NOV 1989 *BAL*

DEP. REGISTRAR OF TITLES (Central District)

By Resumption Lot 32 on RP 619932

of the within land is resumed and vested in The Crown

No. C 580968 PRODUCED 8 SEP 1989

REGD.

3 NOV 1989 *BAL*

DEP. REGISTRAR OF TITLES (CENTRAL DISTRICT)

By Resumption Lot 31 on RP 619932

of the within land is resumed and vested in The Crown

No. C 580969 PRODUCED 8 SEP 1989

REGD.

3 NOV 1989 *BAL*

DEP. REGISTRAR OF TITLES (CENTRAL DISTRICT)

BY PLAN CAT. No. 620183 the within land is subdivided into Lots 30

No. C 582154E PRODUCED 11 OCT 1989

REGD.

Reference to New Titles Vol. 0593

3 NOV 1989 *BAL*

DEP. REGISTRAR OF TITLES (Central District)

No. C 208124 (Under Section 160 of "The Lands Act, 1910-1989") Mortgage No. 128738 from *Frank William Wells Butler* to *The Commercial Banking Company of Sydney Limited*

to secure the repayment of the monies and interest therein referred to. Produced 11 April 1961 at 10:4 a.m.

at 11:00 a.m. REGD. 19 JUN 1961

Reich

DEP. REGISTRAR OF TITLES (CENTRAL DISTRICT)

No. C 284610 By Plan Cat. No. 10666 Part of the within land is subdivided into Easement A

Produced 12 June 1972 at 2:07 p.m.

Registered 10 May 1972

Reich

DEP. REGISTRAR OF TITLES (CENTRAL DISTRICT)

Transfer to the Capricornia Regional Electricity Board of an Easement (Electricity) Purposes over Easement A on Plan Cat. No. 10666

Produced 29 Feb 1972 at 2:07 p.m. Registered 10 May 1972

No. C 285964 Enrolled Mortgage

Reich

DEP. REGISTRAR OF TITLES (CENTRAL DISTRICT)

BY PLAN CAT. No. 14425 part of the within land is surveyed as Easement B

No. C 408792 PRODUCED 22 Sep 1980

at 2:54 p.m. REGD. 27 OCT 1980

Spittell

ACTING DEP. REGISTRAR OF TITLES (Central District)

Angie Smith
12/23/87

Case CA 594
1-3-72

Phone 5420
Call 5420
(Mrs. P. M. ...)
at (1980)

NIR 570
MRD 2/7/1982
23/4/86
23/2/87
26/1/88
Ordered by ...
did ...
at ...
at ...

2/23/87
18/12/87
5/1/87
10/6/87
D.

LSK
NIR
27/2/126
18/12/87
5/1/87
10/6/87
D.

[Form 1]



Vol. **C 595** Fol. **194**
C 539/214

VOL: C 595 FOLIO: 194



30595194

**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
(b) All rights of access for the purpose of searching for and for the operations of obtaining petroleum in any part of the land, and all rights of way for access and for pipe-lines and other purposes requisite for obtaining and conveying petroleum in the event of petroleum being obtained in any part of the said land.

Specified Conditions -

Nil

IN TESTIMONY 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 law, Governor in and over the State of Queensland and its Dependencies in the Commonwealth of Australia, at Government House, Brisbane, in Queensland aforesaid, this 25th day of April, in the 39th Year of Our Reign and in the year of Our Lord 1990.

W. B. Campbell

FIRST SCHEDULE - DESCRIPTION OF LAND

Lot/ Plan	County	Parish
136/OTN2169 Area 62.0223 Ha.	CLINTON	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.

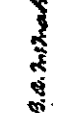
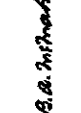
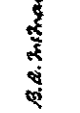
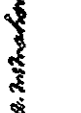
ENTERED in Register, Vol. **C 595**, Folio **194** this *9th* day of *May*, 19 *90*

BA. McInerney
DEPUTY Registrar of Titles *MB*

SECOND SCHEDULE (continued)

REGISTERED PROPRIETOR		INSTRUMENT		RECORDED	
NATURE	NUMBER	PRODUCED	INSTRUMENT NUMBER	RECORDED	RECORDED
Minproc Chemical Company Pty. Ltd. By Plan Cat No. 801113 the within land is subdivided into Lot 135 Lot 135 on RP801113 is Cancelled Vide Vol. C-60 Fol. 8					
Chge Name	C615400M	10APR1991		11 APR 1991	
Plan	C615579K	12APR1991		14 MAY 1991	
Req/NT	C616261L	24APR1991		14 MAY 1991	

THIRD SCHEDULE (Easements, Encumbrances and Interests)

INSTRUMENT		RECORDED		CANCELLATION INSTRUMENT	
NATURE	NUMBER	PRODUCED	PARTICULARS	NUMBER	PRODUCED
Easement	C595020W		to the Capricornia Electricity Board over Easement A on MP32414 under Section 32 of the Mining Titles Freeholding Act		
Easement	C595021Y		to The Gladstone Area Water Board over Easement C on MP32673 under Section 34 of the Mining Titles Freeholding Act		
Easement	C595022C		to The Queensland Cement and Lime Company Limited over Easement B on MP33364 under Section 34 of the Mining Titles Freeholding Act		
Mtge	C595023E		to Hong Kong Bank of Australia, AIDC Ltd, Barclays Bank Australia Limited and Fuji International Finance (Australia) Limited		
			11 MAY 1990 <i>S.A. Richardson</i> 		
			11 MAY 1990 <i>S.A. Richardson</i> 		
			11 MAY 1990 <i>S.A. Richardson</i> 		
			11 MAY 1990 <i>S.A. Richardson</i> 		

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR OF TITLES ARE CANCELLED

* Dealings with this Lease will be Recorded on the Original Lease only instead of on this Deed of Grant

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

EASEMENTS, ENCUMBRANCES AND INTERESTS

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; LOT 103 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 **

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

HISTORICAL 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

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

EASEMENTS, ENCUMBRANCES AND INTERESTS

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

HISTORICAL 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

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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Requested By: External Supervisor

HISTORICAL TITLE SEARCH

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
to
TICOR 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

EASEMENTS, ENCUMBRANCES AND INTERESTS

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

HISTORICAL TITLE SEARCH

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
8. 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 **

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Requested By: External Supervisor

[Form 1.1]

Title Reference: 17757183



QUEENSLAND

DEED OF GRANT OF LAND

Land Act 1962

VOL: S 7757 FOL: 183



17757183

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	Parish
1/MPH32434	DEAS THOMPSON	TARGINIE

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

this 9th day of June, 1995

Registrar of Titles

Department of Lands Reference: 95/002688
Previous File Ref: MHPL 1514

New Title Ref: 17757183

OWNERS COPY OF TITLE CANCELLED

Laboratory Soil Analysis Report

Appendix E



Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: EM0808947	Page	: 1 of 9
Client	: URS AUSTRALIA PTY LTD (QLD)	Laboratory	: Environmental Division Melbourne
Contact	: MR ROB ULLY	Contact	: Paul Loewy
Address	: GPO BOX 302 BRISBANE QLD, AUSTRALIA 4001	Address	: 4 Westall Rd 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	: ----	Date Samples Received	: 20-OCT-2008
C-O-C number	: ----	Issue Date	: 31-OCT-2008
Sampler	: DA	No. of samples received	: 10
Site	: GLNG - CURTIS ISLAND	No. of samples analysed	: 10
Quote number	: EN/001/08		

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

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	Position	Accreditation Category
Herman Lin	Senior Inorganic Chemist	Inorganics
Kumara Dadallage	Senior Organic Chemist	Organics

Environmental Division Melbourne

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 insufficient 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

Client sample ID

Client sampling date / time

Compound	CAS Number	LOR	Unit	HA#1 - surface	HA#1 - 0.5m	HA#2 - surface	HA#2 - 0.5m	HA#3 - surface
				17-OCT-2008 15:00	17-OCT-2008 15:00	17-OCT-2008 15:00	17-OCT-2008 15:00	17-OCT-2008 15:00
				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
 Client sampling date / time

				HA#1 - surface	HA#1 - 0.5m	HA#2 - surface	HA#2 - 0.5m	HA#3 - surface
				17-OCT-2008 15:00	17-OCT-2008 15:00	17-OCT-2008 15:00	17-OCT-2008 15:00	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		Client sampling date / time		HA#3 - 0.5m	HA#4 - surface	QA/QC #1	----	----
								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 (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

Client sample ID
 Client sampling date / time

				HA#3 - 0.5m	HA#4 - surface	QA/QC #1	----	----
				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 Surrogate								
Dibromo-DDE	21655-73-2	0.1	%	97.9	86.5	82.1	----	----
EP068T: Organophosphorus Pesticide Surrogate								
DEF	78-48-8	0.1	%	104	94.9	90.0	----	----



Analytical Results

Sub-Matrix: WATER				Client sample ID	QA/QC 100	QA/QC 101			
				Client sampling 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 (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**

				Client sample ID	QA/QC 100	QA/QC 101			
				Client sampling 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 Surrogate									
Dibromo-DDE	21655-73-2	0.1	%		82.8	91.9	----	----	----
EP068T: Organophosphorus Pesticide Surrogate									
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
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	53	140

Chain of Custody

Appendix F

URS CHAIN OF CUSTODY

ADDRESS: URS Australia
Level 14, 240 Queen Street
Brisbane QLD 4001

PHONE NO: (07) 3243 2111
FAX NO: (07) 3243 2189

URS PROJECT NO: 4762623 / 91000

URS PIR: Rob Gilly

URS SAMPLERS: D. Antill

LABORATORY: ALS
32 Shand St, Stafford, QLD, 4053
email address: de.alls-antill@urscorp.com

PHONE NO: (07) 32437222
FAX NO: (07) 32437258
PO NO:

SITE: GING - Curtis Island

Client PIR:

TURNAROUND DETAILS
Standard - 8 days
Non standard

COC SEQUENCE NUMBER
1 2 3 4
please circle

RECEIVED BY: P. King
DATE: 20/10/08
RELINQUISHED BY: R. S. Work
DATE: 23/10/08

RECEIVED BY: R. S. Work
DATE: 20/10/08
RELINQUISHED BY: R. S. Work
DATE: 23/10/08

RECEIVED BY: R. S. Work
DATE: 20/10/08
RELINQUISHED BY: R. S. Work
DATE: 23/10/08

FOR LABORATORY USE ONLY

Custody Seal? Y N NA

Free ice / frozen icebricks present upon receipt? Y N

Random Sample Temperature on Receipt °C

RECEIVED BY: P. King
DATE: 20/10/08
RELINQUISHED BY: R. S. Work
DATE: 23/10/08


RECEIVED BY: R. S. Work
DATE: 23/10/08
RELINQUISHED BY: R. S. Work
DATE: 23/10/08

ANALYSIS REQUIRED - PLEASE SEE OVERLEAF FOR SPECIFIC ANALYTES

OC/OP/PCBs
ARSENIC

Environmental Division
Melbourne
R.S. Work Order
EM0808947

Telephone: +61-3-8549 9600



LAB ID	SAMPLE ID	DATE dd/mm/yy (enter in text format in computer)	MATRIX (Solid / Liquid)	CONTAINER TYPE & PRESERVATIVE																
				Soil Jar (G) Unpr.	ASS Soil Bag	40ml VOA Vial (G) HCL	500ml Amber (G) Unpr.	100ml (P) HNO3	250ml (G) H2SO4	100ml (P) Unpr.	100ml (P) HCL	40ml VOA Vial (G) 1/2 full (methane)	250ml (G) H2SO4							
1	HA #1 - Surface	17/10/08	SOLID	1															X	X
2	HA #1 - 0.5m	"	"	1															X	X
3	HA #2 - Surface	"	"	1															X	X
4	HA #2 - 0.5m	"	"	1															X	X
5	HA #3 - Surface	"	"	1															X	X
6	HA #3 - 0.5m	"	"	1															X	X
7	HA #4 - Surface	"	"	1															X	X
8	QA/QC #1	"	"	1															X	X
9	QA/QC 100	"	LIQUID							1									X	X
10	QA/QC 101	"	"							1									X	X
11	QA/QC 100	"	"							1									X	X
12	QA/QC 101	"	"							1									X	X

Metals/metals	PAHs	Pesticides	Total PCBs	Tributyltin	Total Organic Carbon	Radionuclide	Particle Size Determination (Gravel, Sand, Silt, Clay) includes hydrometer	Pure Water Ammonia	Phenoxy Acid	Triazine Herbicides	Naphthalene and Total PAHs
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X

EDM Results Table

Appendix G

Location
Sample ID
Date Sampled
Sample Type
Primary Sample ID
Laboratory
Batch No.

HA#1 - surface	QA/QC #1	HA#1 - 0.5m	HA#2 - surface	HA#2 - 0.5m	HA#3 - surface	HA#3 - 0.5m	HA#4 - surface
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 Sample	Duplicate Sample	Primary Sample	Primary Sample	Primary Sample	Primary Sample	Primary Sample	Primary Sample
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
ALS	ALS	ALS	ALS	ALS	ALS	ALS	ALS
EM0808947_MRED	EM0808947_MRED	EM0808947_MRED	EM0808947_MRED	EM0808947_MRED	EM0808947_MRED	EM0808947_MRED	EM0808947_MRED

Analyte	LOR	Units	QEPA - EILs	NEPM - HBILs F.	Moisture Content		Metals (Total)		Organochlorine Pesticides (OC)			
					1	%	5	mg/kg	0.05	mg/kg	0.05	mg/kg
Moisture Content			ne	ne	14.6	14.8	9.8	7.9	8.4	10.8	5.3	14.5
Metals (Total)					707	562	803	787	856	1160	951	921
Arsenic			20	500								
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
Dieldrin	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan 1	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan 2	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endosulfan sulfate	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	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin aldehyde	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Endrin ketone	0.05	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
Heptachlor	0.05	mg/kg	ne	50	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Heptachlor epoxide	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Hexachlorobenzene	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<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	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Organophosphorus Pesticides (OP)																			
Azinphos Methyl	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<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	<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	<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	<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	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Demeton-S-methyl	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Diazinon	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dichlorvos	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Dimethoate	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Ethion	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fenamiphos	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fenthion	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Malathion	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Monocrotophos	0.2	mg/kg	ne	ne	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Parathion	0.2	mg/kg	ne	ne	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Parathion-methyl	0.2	mg/kg	ne	ne	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Phosphos-ethyl	0.05	mg/kg	ne	ne	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<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	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Exceeds the Queensland Environmental Protection Agency 1998 Environmental Investigation Levels

Exceeds the National Environment Protection Council 1999 Health-based Investigation Levels - Commercial/Industrial