Appendix F
Contamination assessment

EMM
creating opportunities

Gelliondale Wind Farm and BESS

Contamination Assessment

22 April 2026

Gelliondale Wind Farm and BESS

Contamination Assessment

AE1289

April 2026

Version 5			
Issued to:			
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Abbreviations

Accent	Accent Environmental Pty Ltd
ACM	asbestos containing material
AHD	Australian Height Datum
ASRIS	Australian Soil Resource Information System
ASS	acid sulfate soil
BESS	battery energy storage system
BPMG	*Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils*
CASS	coastal acid sulfate soil
DCCEEW	Department of Climate Change, Energy, the Environment and Water
EAO	Environmental Audit Overlay
EIL	ecological investigation level
EPA	Environment Protection Authority
FRC	First Risk Consultants
GED	General Environmental Duty
GHD	GHD Pty Ltd
GQRUZ	Groundwater Quality Restricted Use Zones
ha	hectares
km	kilometres
kV	kilovolts
LOR	limit of reporting
m	metres
mBGL	metres below ground level
mg/kg	milligrams per kilogram
mg/L	milligrams per litre
MW	megawatts
MWh	megawatt hours
NEPM	National Environmental Protection Measure
OC	organochloride (pesticides)

PAH	polycylic aromatic hydrocarbons
PASS	potential acid sulfate soils
PCBs	polychlorinated biphenyls
PER	Public Environmental Report
PFAS	per- and polyfluoroalkyl substances
QA/QC	quality assurance and quality control
RWE	RWE Renewables Australia
Synergy Wind	Synergy Wing Pty Ltd
the Project	Gelliondale Wind Farm and associated infrastructure
TRH	total recoverable hydrocarbon
VOC	volatile organic compound
VVG	Visualising Victoria's Groundwater
WASS	waste acid sulfate soil
WTG	wind turbine generator

1 Introduction

1.1 Purpose and scope of this document

This Desktop Contamination Assessment has been prepared by Accent Environmental (Accent) on behalf of Synergy Wind Pty Ltd (Synergy Wind).

As the Project may impact on the Ramsar-listed Corner Inlet Wetland, the agency responsible – the federal Department of Climate Change, Energy, the Environment and Water (DCCEEW) – requires a Public Environment Report (PER) to be prepared. DCCEEW has issued Synergy Wind with a document *Guidelines for the Content of a Draft Public Environment Report* for the project – Document Reference: 2023/09577 – the Guidelines.

According to Section 7.1 e, the Guidelines require the PER to provide a description of the ecological character of the Corner Inlet Ramsar Wetland adjacent to the project area that may be impacted by the proposed action including the following information:

- *Detail of any known or potential sources of contaminated land in the vicinity of the site.*
- *Describe the risk of the development activities leading to land becoming contaminated and the potential consequences to the ecological character of the Corner Inlet Ramsar Wetland and dependent-listed threatened species and listed migratory species.*

Accent conducted a desktop assessment:

- to assess whether there are any known or potential sources of contaminated land in the vicinity of the site
- to assess the risk of development activities leading to land becoming contaminated and the potential consequences to the Corner Inlet Ramsar Wetland.

The assessment considered the potential sources of contamination both on site within the Action Area in which the Project is located and off site in the vicinity of the development within a distance up to 3 km (i.e. the Study Area).

Accent also visited the Action Area in which the Project is located to confirm and to inspect any visible, potential sources of contamination.

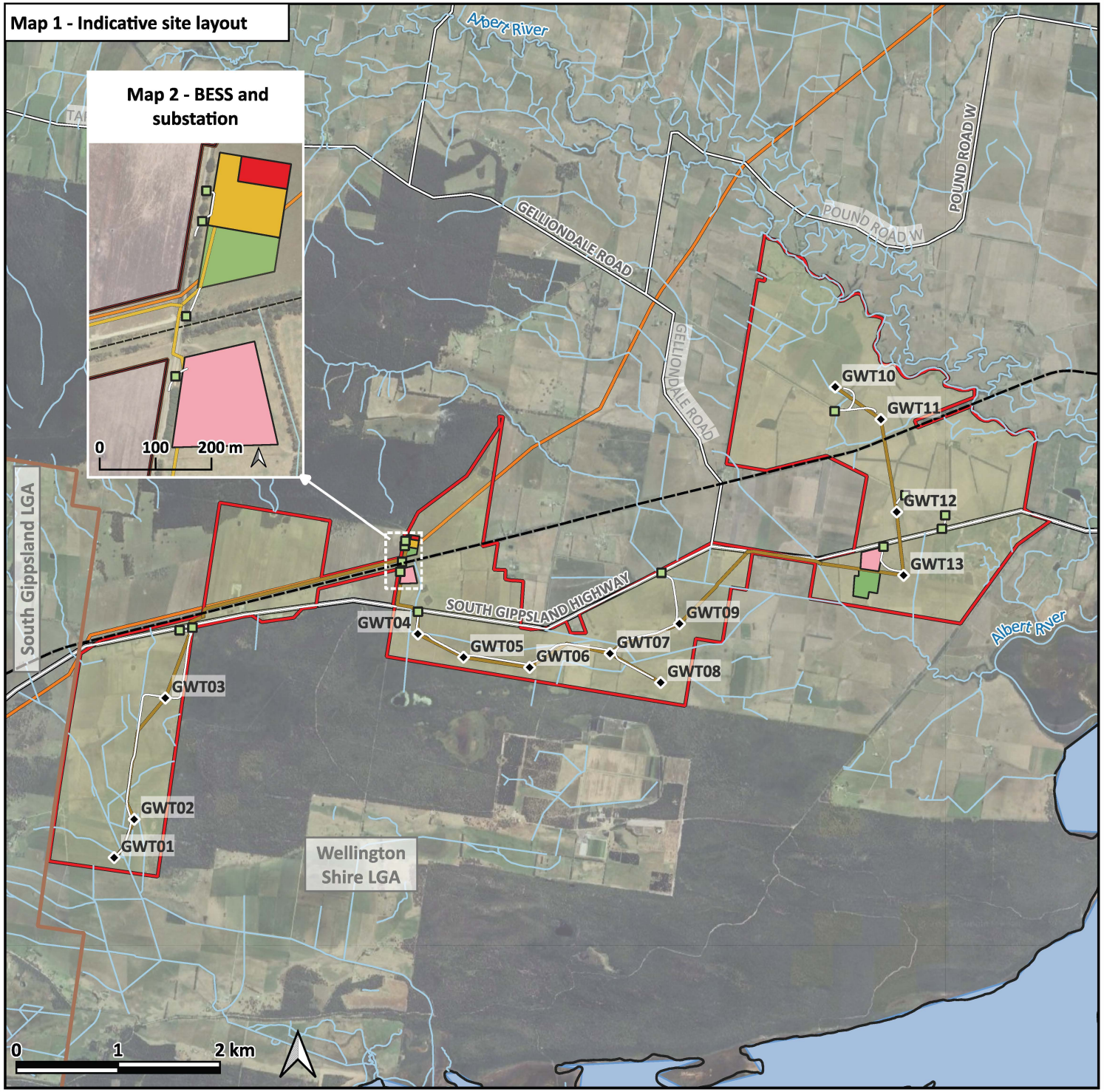
1.2 Project overview

The Gelliondale Wind Farm (the Project) is a proposed wind energy facility located in Victoria, approximately 210 kilometres southeast of Melbourne, in South Gippsland, within the Wellington Shire. The Project is situated along the South Gippsland Highway, approximately seven kilometres southwest of Yarram, three kilometres west of Alberton, and eight kilometres east of Welshpool (see Figure 1.1).

The Project comprises 13 wind turbine generators (WTGs) with rotor diameters of 164 metres, and maximum/minimum tip heights of 210 and 40 metres above natural ground level respectively. The Project also contains hardstand areas adjacent to each WTG, meteorological masts, construction compounds and operation and maintenance areas. The Project features approximately 14 kilometres of unsealed tracks and underground cabling, linking the WTGs to

a centralised substation, with ancillary 40MW Battery Energy Storage System (BESS) and direct link to the existing 66kV transmission line crossing the site. The Project will require upgrades to local roads and the clearing of 1.244 hectares of native vegetation, as well as ancillary signage and fire safety design requirements. These works collectively form part of the proposed 'action' to be assessed as part of the PER.

The Action Area within which the Project is planned has a total area of 1,622 hectares, while the exact Project Footprint is 38.2 hectares. The Project is proposed to be constructed over 12-18 months, operate for 35 years, and then either be decommissioned or repowered with replacement WTGs. The project proponent is Alberton Renewable Energy Pty Ltd, a subsidiary of Synergy Wind Pty Ltd.



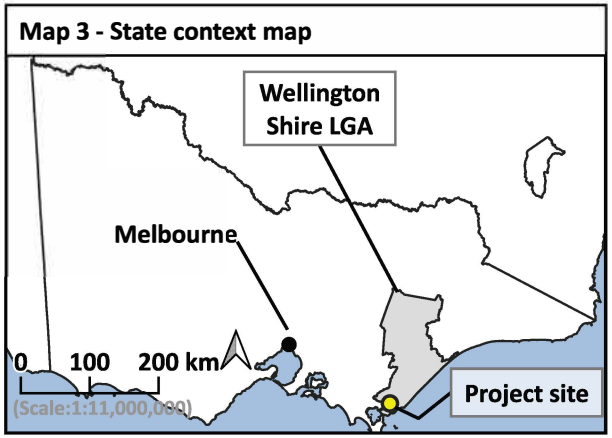
AE1289 Gelliondale WF

Figure 1.1 Proposed site layout

Created: 30/04/2025
Updated: 15/07/2025
CRS: GDA 20 MGA 55
Scale: 1:60,000 at A4 (main map)
Page size: A4

- Site_centroid_MGA55
- Access Points
- WTG - proposed location
- Road
- Conceptual electrical connection
- Site access track
- Watercourse
- LGA boundary
- Project site
- BESS
- Construction staging area
- Operations and Maintenance building
- Substation
- Existing transmission line

Base map: Google Satellite [Jul 2025]
Additional data: VIC_TR_Road, VIC_HY_Watercourse, VIC_LGA_POLYGON, STE_2021_AUST_GDA2020.



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2 Site description

2.1 Land use

The Action Area in which the Project is located comprises private properties held by 11 separate landowners. In some locations, associated underground powerline reticulation crosses beneath and lies within public road reserves (highway and local), Crown land parcels, and the former railway/rail-trail corridor reserve that bisects the site into two areas.

The Action Area is currently zoned for farming, consistent with its current land use, which includes some grazing activities across the various land parcels. The area's bioregion is classified as Gippsland Plain, which is flat low-lying coastal and alluvial plains with a gently undulating terrain.

2.2 Waterways

A series of waterways, including the Albert and Jack Rivers, and Nine Mile and Muddy Creeks run alongside the perimeter of the Action Area before flowing into the Corner Inlet Ramsar site located to the south (Figure 2.1).

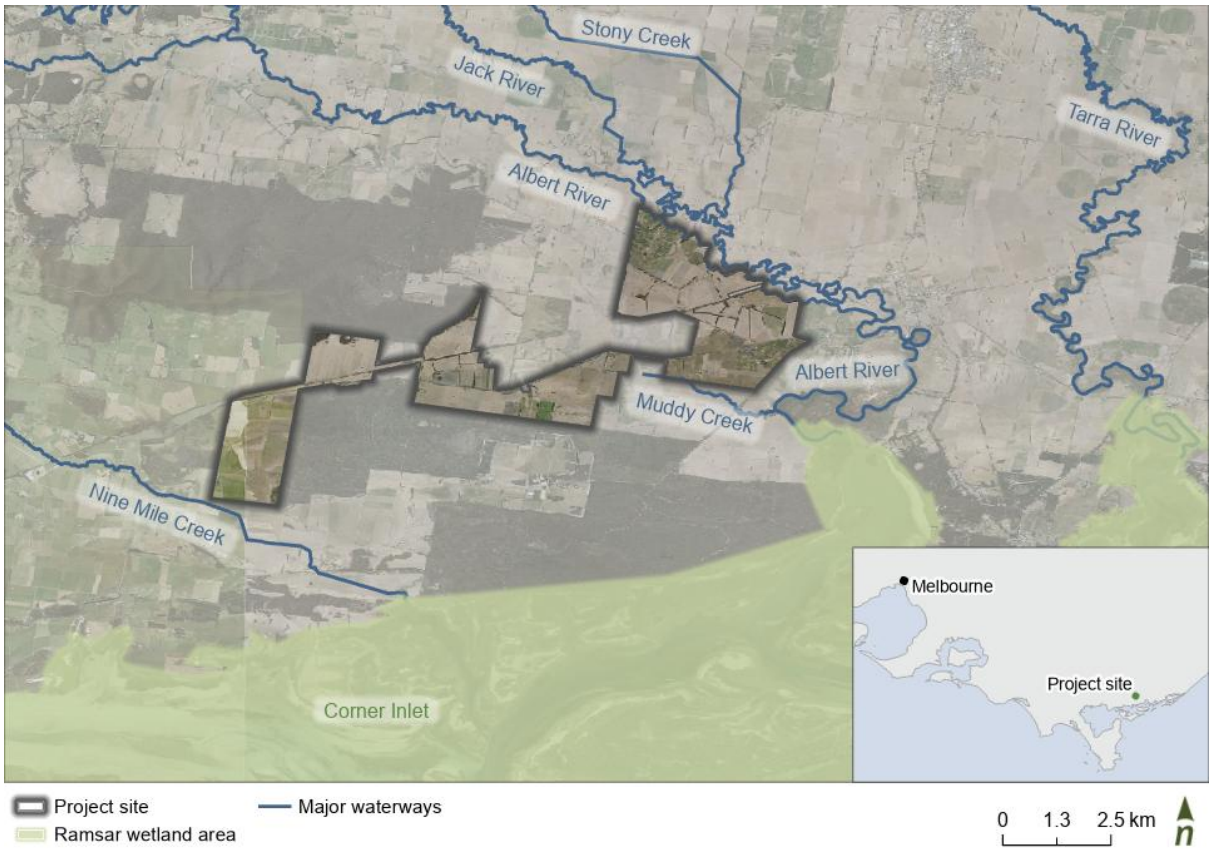

Figure 2.1 Action Area in which the project is planned, neighbouring major waterways, and location of the Corner Inlet Ramsar site (source: Alluvium 2025)

The south-eastern boundary of the Action Area is 1.1km from the nearest point of Corner Inlet Ramsar site, i.e. near the junction of Albert River and Muddy Creek. The nearest project infrastructure, the WTG number 13 (GWT13, Figure 2.1), to the same point is 1.9km.

The proposed works include the construction of 13 WTGs, the BESS, the substation, underground cabling, access tracks and spaces for operations and maintenance. Additional temporary structures will be constructed to support the proposed works including crane pads and construction compounds. Figure 2.2 shows the location of the proposed works and supporting structures in relation to the Action Area.

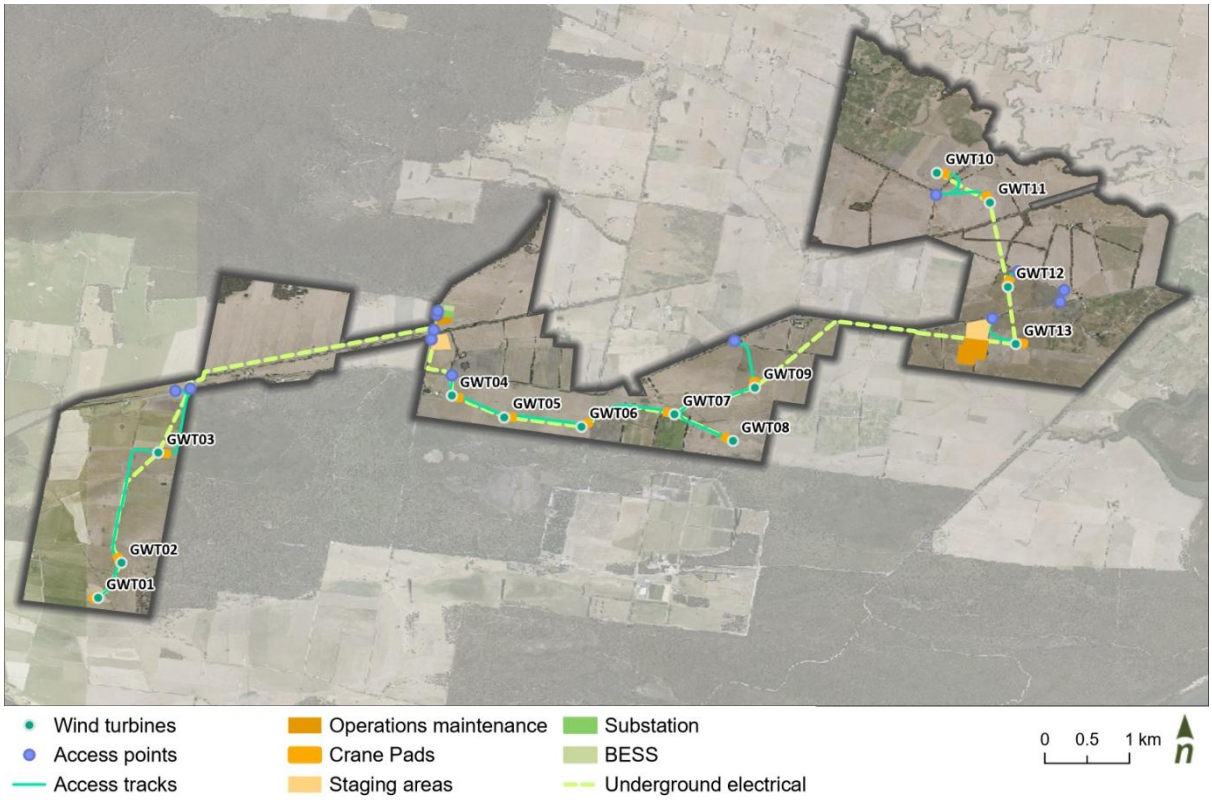

Figure 2.2 Location of proposed works to construct the Gelliondale Wind Farm (source: Alluvium 2025)

2.3 Topography

The topography of the Action Area in which the project is planned is largely flat at low elevation, with a general decreasing elevational trend from northwest to southeast (Figure 2.3). Elevations are greatest to the northwest of the Action Area where the Strzelecki Ranges reach their southern extent. Elevations decrease to the east of the Action Area within the Albert and Jack Rivers' floodplains, which extend into the eastern boundaries of the Action Area.

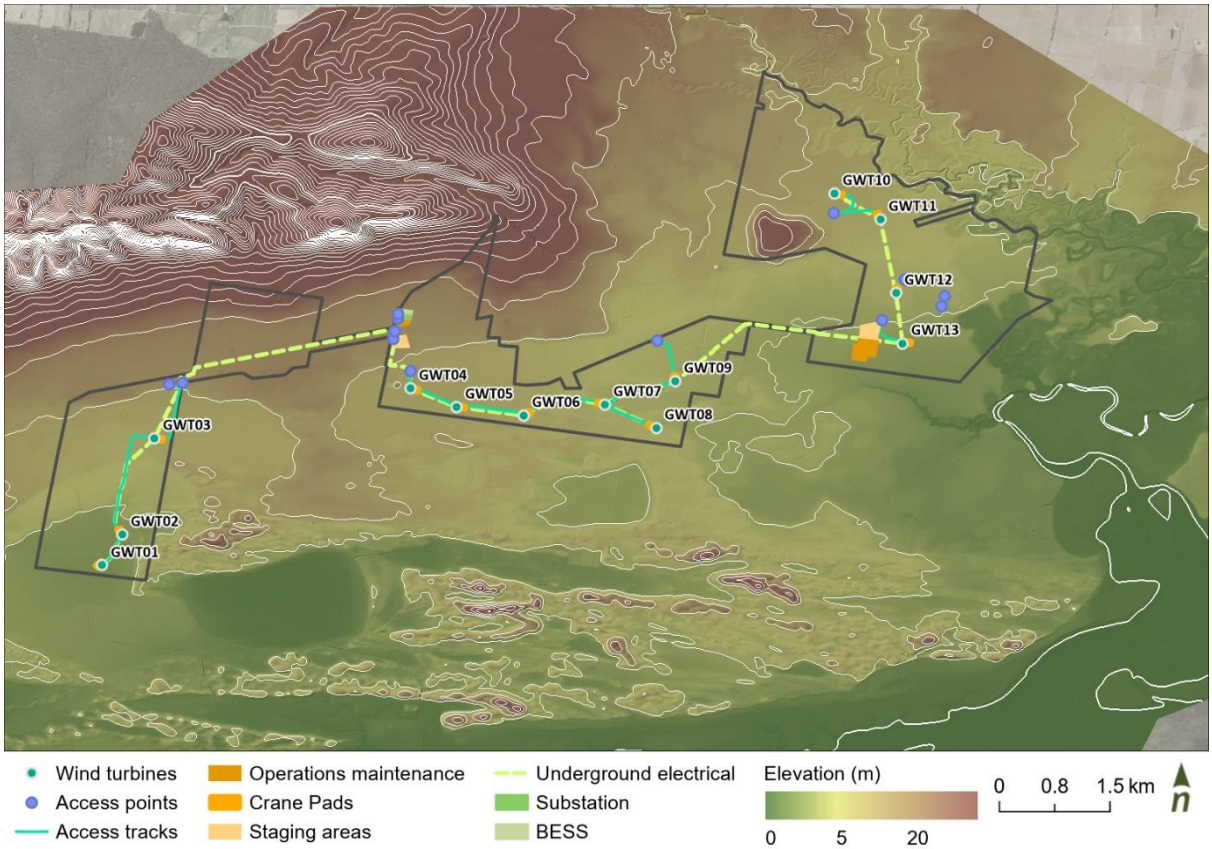

Figure 2.3 Topography of the Action Area and surrounding area highlighting the location of the Albert and Jack Rivers' floodplains (source: Alluvium 2025)

2.4 Soils

The Action Area is characterised by a combination of Vertosol, Sodosol[1], Rudosol, Hydrosol, , Dermosol and Podosol soil types, with the majority of the site (55%) mapped as Vertosols (VRO 2014). The soils expected within the Action Area are shown in Figure 2.4 below.

[1] Sodosols are dispersive by nature, and appropriate management measures should be included in a Soil and Water Management Plan and associated management procedures.

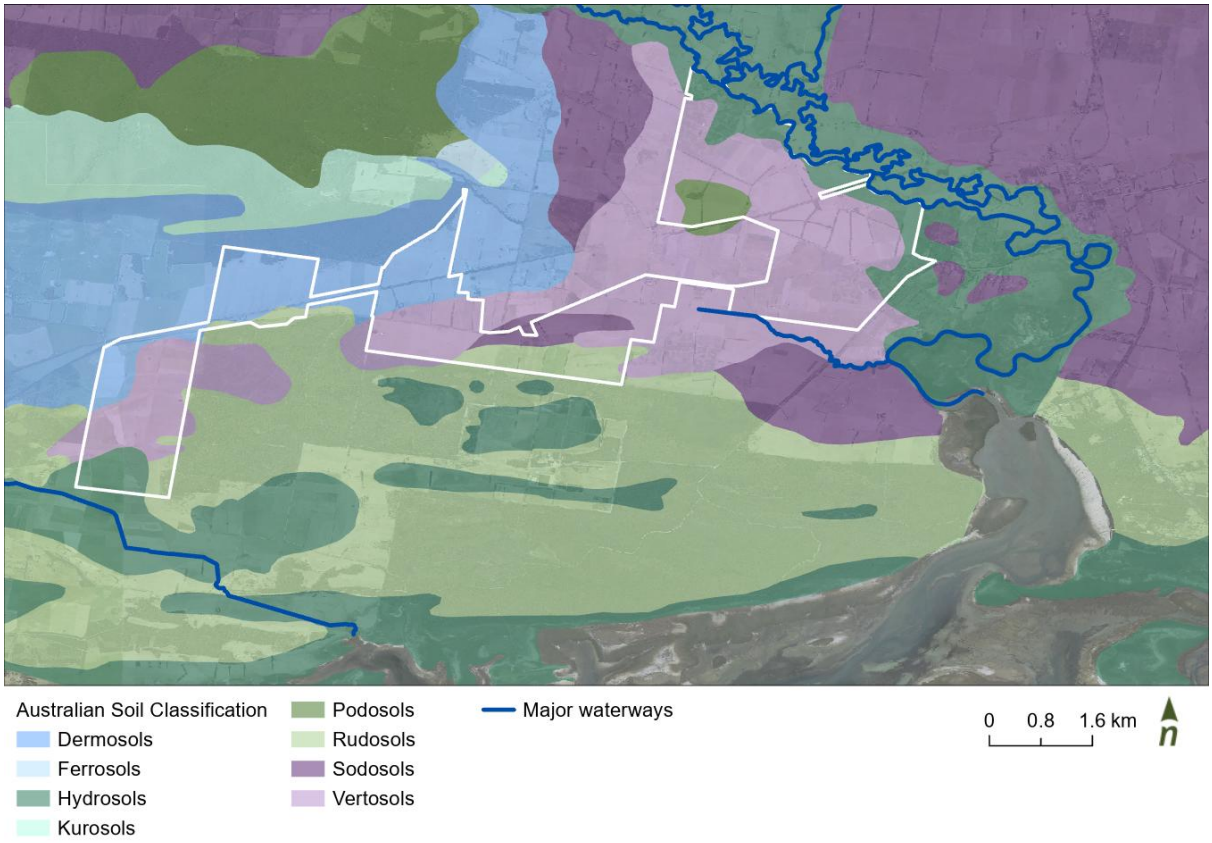

Figure 2.4 Soils according to the Australian Soil Classification system within and surrounding the Action Area (source: Alluvium 2025)

2.5 Acid sulphate soils

Acid sulphate soils (ASS) are naturally occurring in coastal sediments in Victoria and are largely benign when left undisturbed. However, if disturbed, these soils can interact with atmospheric oxygen to produce sulfuric acid, which can have detrimental environmental impacts including reduced water quality, acidification of water and soils, dissolution and corrosion, and fish kills. The state of Victoria has mapped areas of land potentially containing ASS based on coastal geomorphology, past sea levels, and soil sampling (Figure 2.5).

These potential ASS(PASS) have been identified in the floodplains of the Albert and Jack Rivers and Muddy Creek and throughout the coastal zone to the south of the Action Area in which the project is planned. Figure 2.5 shows PASS can be expected to occur within the eastern parts of the Action Area but are unlikely to occur within the Project Footprint (i.e. low to extremely low probability of disturbance due to construction activity).

Given the common nature of ASS in many coastal areas, management practices are widely available to ensure minimal impact to the environment should these soils be encountered

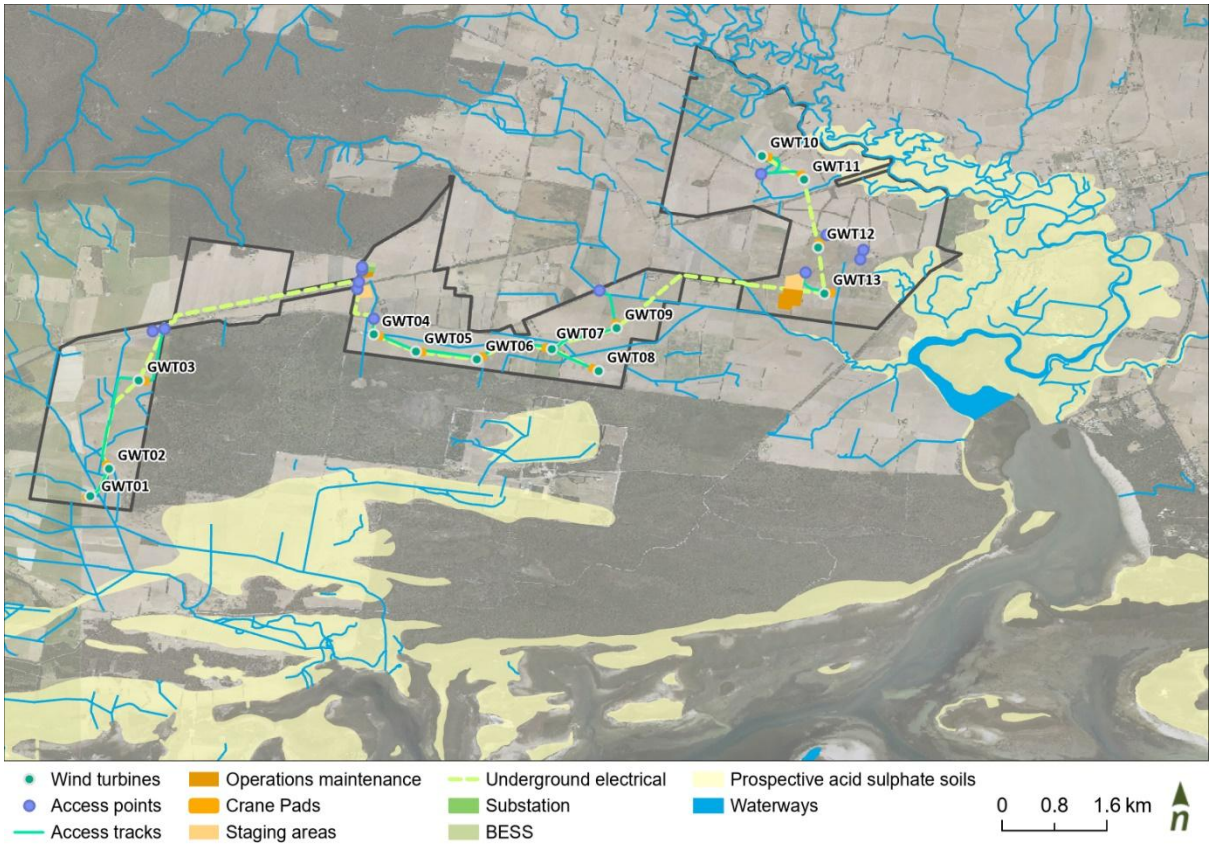

Figure 2.5 Location of mapped prospective acid sulphate soils within and around the Action Area (source: Alluvium 2025).

3 Assessment methodology

A combination of literature review, desktop assessment and site inspection were completed by Accent and sub-consultant Land Insight. Land Insight conducted a desktop assessment of potential contamination sources and historic land use within 3 km of the Action Area in which the Project is located (i.e. study area).

Accent completed a site inspection to verify any visible sources of contamination and carried out a risk assessment of potential impact pathways and associated risk events that may lead to contamination of the Action Area in which the Project is located and consequently may impact the Corner Inlet Wetland.

The detailed risk assessment methodology is described in Section 7.1, the relevant impact pathways are described in Section 7.2 and the associated risk events are identified in Section 7.3.

4 Summary of a previous geotechnical and contamination assessment

4.1 Assessment scope (GHD assessment)

A previous joint geotechnical and contamination assessment, conducted by GHD in 2024, provided engineering input for the proposed WTGs (designated as locations GWT01 through GWT13 inclusive), BESS, substation and associated infrastructure, although location GWT11 was unable to be accessed at the time of the field investigation due to landowner access constraints. The scope of the GHD geotechnical and contamination assessment included the following:

- desktop review of environmental settings of the project area including topography, soil types, geology, hydrogeology and registered groundwater bores
- desktop review of relevant land contamination databases including Environmental Protection Authority (EPA) Priority Sites Register, Environmental Audits, Preliminary Risk Screening Assessments, EPA Licenced Sites, Groundwater Restricted Use Areas, Victorian Landfill Register and Environmental Audit Overlays
- desktop review of site history using available historical information including available historical aerial photographs and historical business directories
- a site walkover to assess current site conditions and surrounding land uses
- collection of soil samples from the geotechnical investigation test pits and soil boreholes, including quality assurance and quality control (QA/QC) samples
- laboratory analysis of select soil samples for a broad screen of contaminants, acid sulfate soil (ASS) screening tests and net acidity tests

- comparison of the analytical results of the soil samples against adopted assessment criteria.

The GHD report was prepared in June 2024. The main findings from the report are summarised in the Sections 4.2 to 4.4 below.

4.2 Desktop review (GHD assessment)

The desktop review results of the GHD assessment are summarised below.

4.2.1 Hydrogeology

Based on the review of *Visualising Victoria's Groundwater* (VVG) online database, the expected depth to water table across the majority of the site was approximately <5 m, with the exception of the location of the substation and BESS at 5-10 m.

4.2.2 Groundwater bores

A search of registered groundwater bores on the VVG website by GHD identified 86 registered groundwater bores within the investigation area for the purposes of observation (7), irrigation (5), stock (5), domestic (1), domestic and stock (1) and unknown use (67).

4.2.3 Acid sulfate soils

A review of *Victorian Coastal Acid Sulfate Soil (CASS) Distribution Map* by GHD indicated that prospective ASS were not identified within the proposed wind farm construction areas, however, were identified in vicinity of the proposed construction areas. This corresponds with the findings in Section 2.5.

A review of Australian Soil Resource Information System (ASRIS) indicated low to extremely low probability of occurrence of ASS across the investigation area. EPA Victoria information

GHD reviewed the EPA Victoria information on the Priority Sites Register, Environmental audits, Groundwater Quality Restricted Use Zones (GQRUZ), EPA Licence Register, EPA Landfill Register and Environmental Audit Overlay (EAO) and found that, for each of these six aspects, no records were identified on the site nor were any records identified within 2 km of the site boundary.

4.2.4 Victorian Heritage Register information

GHD noted that a registered Victorian heritage site, Gelliondale Briquette Plant (VHR Number H1058) was identified within the investigation area to the west of the proposed GWT04 location.

According to Heritage Victoria, the Gelliondale Brown Coal and Oil Co. commenced operations in 1930 and started manufacturing briquettes in 1934. The Gelliondale Briquette plant was owned and operated by James T. Knox (1889-1967), a civil engineer who is noted for promoting the use of concrete in the Australian construction industry.

The company ceased the production of briquettes in 1944 and was wound up in 1950. The concrete engine footings and machinery remains of the briquette plant today form part of an

industrial complex comprised of a factory and conveyor belt system, a water-filled open-cut brown-coal mine, a large mullock heap and the remnants of a tramway system.

4.3 Field observation (GHD assessment)

4.3.1 Indicators of potential contamination

No potential asbestos containing material (ACM), buried waste, hydrocarbon odour, sheen or surface staining was observed by GHD during the field investigation.

4.3.2 Indicators of potential ASS

Field indicators for PASS) include waterlogging, soft muds (buttery texture), mid to dark grey to dark greenish-grey coloured soils and offensive odour.

During the GHD soil sampling program, dark green-grey clay was observed at the following locations:

- GWT01-BH01 @ 31.76-31.95 mBGL (EOH)
- GWT03-BH01 @ 22.5-25 mBGL
- GWT08 @ 5-9 mBGL and @ 26-27.5 mBGL.

Organic odour was noted for clayey soils from approximately 1 mBGL to 2 mBGL at locations GWFTP02, GWT01, GWT02 and GWT08.

Sulfurous odour was noted at deep clayey soils from approximately 10 mBGL to the termination depth (approximately 32 mBGL) of the boreholes at locations GWT02, GWT04, GWT05, GWT06 and GWT09. Organic material was also noted where the sulfurous odour was notes.

Rotten odour was noted at one deep stratigraphy of carbonaceous clay with 80-90% woody/fibrous organic material from 16.5 mBGL to 17.5 mBGL at location GWT10-BH01.

GHD noted that the presence of field indicators may not necessarily be due to the presence of ASS and further analytical assessment was conducted to indicate the presence of ASS (see Section 4.4.2).

4.4 Laboratory analytical results (GHD assessment)

The laboratory review results of the GHD assessment are summarised below.

4.4.1 Human health and ecosystem protection

GHD found that there were no exceedances reported above the adopted human health and ecological protection assessment criteria for commercial/industrial land use scenario with the exception for one nickel exceedance (95 milligrams per kilogram (mg/kg)) in sample ID GWT13-TP01_0.0 reported above the National Environment Protection Measure (NEPM) ecological investigation level (EIL) D criteria (55 mg/kg).

Total recoverable hydrocarbon (TRH) results were generally reported below the laboratory limit of reporting (LOR) or marginally above the LOR with the exception of one F3 >C_{16}-C_{34}

Fraction (silica gel cleaned up) reported 3,830 mg/kg in sample ID GWT09-BH01_30 (natural clay, trace organic matter, sulfurous odour). This TRH detection is considered naturally occurring and likely associated with Tertiary-age brown coal seams.

Other potential contaminants, including BTEXN, polycyclic aromatic hydrocarbons (PAHs), phenols, chlorinated hydrocarbon, OC pesticides, herbicides, PCBs, PFAS, volatile organic compound (VOC) results were reported below LOR.

4.4.2 Acid sulfate soils

Soil pH screening (pH_F and pH_{FOX}) results were compared to the criteria provided in EPA Publication 655.1 Table 2. The criteria provide a Tier 1 indication of the possible presence of ASS. Exceedances of criteria do not confirm the presence of ASS but indicate the need for further analyses. Thirty out of total 31 pH screening results indicated ASS may be present and further analyses were required.

Based on the pH screening results, 66 select samples were tested for net acidity. Thirty out of 66 samples were reported exceeding the adopted EPA 655.1 net acidity criteria indicating presence of ASS.

GHD concluded that there was no obvious spatial distribution pattern of net acidity exceedances across the project area and it was considered likely there was a wide presence of ASS in the natural soils from 0 mBGL to 2.0 mBGL across the project area.

4.5 Conclusions (GHD assessment)

Screening criteria for commercial/industrial land use were adopted for the GHD assessment. Based on this investigation, no unacceptable risks to the human receptors were identified from the soils investigated in the project area.

The GHD assessment confirmed the presence of ASS on the site.

5 Desktop assessment of potential contamination sources

Accent conducted a desktop assessment to assess whether there are any known or potential sources of contaminated land in the vicinity of the site. The assessment considered the potential sources of contamination both on the site and off site in the vicinity of the development. To appropriately consider off-site contamination sources, Accent included in its assessment the land in a zone that extends 3 km from the project area boundary (i.e. Study Area).

To assist with this desktop assessment, Accent engaged subconsultants Land Insight to produce a comprehensive desktop report on historical and current land use information (including sites that may be considered potential sources of contamination), which provides insight into the presence of sources of contamination. The Land Insight report is attached as Appendix A.

Accent has also reviewed the information presented in the GHD report (GHD 2024) and included the results of this assessment into this desktop assessment.

5.1 History of land use of the site and surrounds

Based on the historical research it is evident that the majority of the site has been (and still is being) used for farming land. Whilst it is acknowledged that farming practices may have led to site contamination, if present these impacts would likely be relatively minor in nature and very localised in extent. The desktop research examined the historical record of businesses within 3 km of the project area boundary and noted 157 businesses – 89 of which were farms. Other businesses included store keepers, boot and shoe repairers/sales, carriers, plumbers and butter manufacturers, and are unlikely to be major sources of contamination. The research identified six main sites which are considered likely to be potential contamination sources and three other sites which could potentially be contamination sources. These are described in detail below.

5.2 Known or potential sources of contamination (on and off-site)

5.2.1 Gelliondale Briquette Plant (on site)

The Gelliondale Briquette Plant was identified by the GHD assessment (2024) as being within the project area to the west of the proposed GWT04 location (Section4.2.4).

This plant operated between 1934 and 1950 and little documentation exists regarding the operating practices. However, as the plant operated at a time when there was little consideration of environmental matters, it is possible that the operation of the plant may have led to contamination of that site.

5.2.2 Other main potential sources (off-site)

The desktop research identified six sites of potential contamination within 3 km of the project area boundary. These are listed in Table 5.1 – note the distances shown are from the property boundary of the potentially contamination sites to the project area boundary. These are in

addition to the Gelliondale Briquette Plant which is located within the project area (Section 6.1).

Table 5.1 Sites of potential contamination within 3 km of the project area

Site Name	Approximate distance and direction from site (m)	
	To the project area boundary	**To the nearest project infrastructure**
Alberton West Fire Station	1,050 m to the northeast	2,660 m west of GWT10
Alberton Timber and Treatment Plant	1,580 m to the east	3,110 m east of GWT11
Endeavour Alberton Petrol Station	1,990 m to the east	3,580 m east of GWT12
Alberton Marine	2,060 m to the east	3,680 m east of both GWT12 and GWT13
Hedley Fire Station	2,510 m to the west	3,440 m northwest of GWT2
Alberton West Landfill - closed landfill site	2,320 m to the north	3,800 m north of the BESS

Alberton West Fire Station

The Alberton West Fire Station site boundary is approximately 1,050 m to the northeast of the nearest part of the project area boundary. However, it is approximately 2,660 m west of the nearest proposed WTG location (GWT10). Potential contaminating activities at this location include storage of firefighting foam, fuel and chemicals. There is potential for leaks or spills from this storage to impact soil and groundwater at this location.

Alberton Timber and Treatment Plant

The Alberton Timber and Treatment Plant is situated approximately 1,580 m east of the nearest part of the project area boundary. However, it is approximately 3,110 m east of the nearest proposed WTG location (GWT11). Potential contaminating activities at this location include the use of timber treatment chemicals and the storage of fuel and chemicals. There is potential for leaks or spills from this storage to impact soil and groundwater at this location.

Endeavour Alberton Petrol Station

The Endeavour Alberton Petrol Station is situated approximately 1,990 m east of the nearest part of the project area boundary. However, it is approximately 3,580 m east of the nearest proposed WTG location (GWT12). Potential contaminating activities at this location include storage of fuel and chemicals. There is potential for leaks or spills from this storage to impact soil and groundwater at this location.

Alberton Marine

Alberton Marine is a marine supply store and is situated approximately 2,060 m east of the nearest part of the project area boundary. However, it is approximately 3,680 m east of the

nearest proposed WTG location (both GWT12 and GWT13). Potential contaminating activities at this location include storage of fuel and chemicals. There is potential for leaks or spills from this storage to impact soil and groundwater at this location.

Hedley Fire Station

The Hedley Fire Station is situated approximately 2,510 m west of the nearest part of the project area boundary. However, it is approximately 3,440 m northwest of the nearest proposed WTG location (GWT2). Potential contaminating activities at this location include storage of firefighting foam, fuel and chemicals. There is potential for leaks or spills from this storage to impact soil and groundwater at this location.

Alberton West Landfill - closed landfill

The Alberton West Landfill is a closed landfill is situated approximately 2,320 m north of the nearest part of the project area boundary. However, it is approximately 3,800 m north of the nearest proposed infrastructure location (the BESS). Potential contaminating activities at this location include landfill leachate. There is potential for leachate from this former landfill to impact groundwater at this location.

5.2.3 Sources of contamination with lesser potential (off-site)

The desktop research examined the historical record of businesses within 3 km of the project area and noted 157 businesses – the majority of which were farms. Based on this record, and considering the type of business indicated by its name, three businesses were identified as sites that may be contamination sources. These are presented in Table 5.2 – note the distances shown are from the property boundary of the potentially contamination sites to the project area boundary.

Table 5.2 Sites of lesser potential contamination within 3 km of the project area

Site Name	Approximate distance and direction from site (m)	
	To the project area boundary	**To the nearest project infrastructure**
Borden Chemical Co	960 m to the north	1,700 m to the northwest of GWT3
Bob Vardy Panels	1,880 m to the east	Approximately 3,500 m east of GWT12
G & C Dura Service Station (likely to now be the site of the Endeavour Alberton Petrol Station)	1,990 m to the east	3,580 m east of GWT12

Borden Chemical Co. (Aust.) Pty Ltd

Borden Chemical Co. Located at 2 James Road, Hedley, this site was situated approximately 960 m to the north of the nearest part of the project area boundary and approximately 1,700 m to the northwest of the nearest proposed WTG location (GWT3). The business is listed as “resins” and therefore the potential contaminating activities at this location include storage

of chemicals (resins). Records show that this business was in operation in 1980 but is unclear for how long the business operated. There is potential for leaks or spills from this storage and use to impact soil and groundwater at this location.

During the site inspection (conducted on 11 September 2024, the location was visited but no evidence Borden Chemical Co was identified.

Bob Vardy Panels

Bob Vardy Panels. Located at South Gippsland Highway, Alberton, this site was situated in Alberton which is approximately 1,880 m east of the nearest part of the project area boundary. The business is listed as "panel beaters and painters" and therefore the potential contaminating activities at this location include storage of chemicals (paints). There is potential for leaks or spills from this storage and use to impact soil and groundwater at this location.

During the site inspection (conducted on 11 September 2024, the location was visited but no evidence Bob Vardy Panels was identified.

G & C Dura – Service Station

G & C Dura Service Station. Located in Alberton, the business is listed as "a service station" and therefore the potential contaminating activities at this location include storage of fuel and chemicals. There is potential for leaks or spills from this storage and use to impact soil and groundwater at this location.

The historical record shows that this site was in Alberton and, during the site inspection conducted on 11 September 2024, evidence of only one service station in Alberton was noted (the Endeavour Alberton Petrol Station). It is likely that the G & C Dura Service Station is the Endeavour Alberton Petrol Station site.

5.2.4 Potential farming use sources (on and off-site)

As noted above, farming practices (both within and surrounding the project area) can be sources of contamination. These can include:

- storage of fuels and chemicals
- spraying of weeds and pests
- animal dips and/or drenches
- dumping of waste.

Storage of fuels and chemicals

Farms are businesses for which the storage and use of fuels and chemicals is necessary. However, the quantities stored are often limited and confined to areas such as sheds, storage yards and farm machinery. Whilst there is potential for spills and leaks to occur at the project area, these are considered relatively minor and therefore the risk of being a significant contamination source is considered low.

Spraying of weeds and pests

Farming practices often rely on spraying of weeds and pests to keep them from spreading and impacting the productivity of the business. Whilst this practice is highly likely to have occurred

at the project area, extent of use herbicides and pesticides is limited and considered relatively minor, and therefore the risk of being a significant contamination source is considered low.

Animal dips and/or drenches

Farming practices need to protect livestock from various parasites including worms, fluke, cattle ticks, lice, flies, etc. to keep their animals healthy. These methods often include sheep-dips, cattle-drenching, etc. Whilst this use at the project area is likely, the extent of use of these practices is limited and considered relatively minor, therefore the risk of being a significant contamination source is considered low.

Dumping of waste

Disposal of waste generated by farming practices. Whilst the disposal of farming waste is common on most farms, and is likely to have occurred at the project area, waste dumps are normally small and of limited extent, and therefore the risk of being a significant contamination source is considered low. However, as materials such as asbestos, drums containing oils/paints/chemicals, etc. have been recorded in these types of dumps elsewhere, it is a source that needs to be considered.

5.2.5 Acid sulfate soil (on site)

As identified by GHD (Section 4.4.2), soil pH screening results indicate presence of ASS. However, as there is no obvious spatial distribution pattern of net acidity exceedances across the project area, it is considered likely there is a wide presence of ASS in the natural soils from 0 mBGL to 2.0 mBGL across the project area.

6 Site inspection

Accent visited the Action Area in which the Project is located on 11 September 2024 to inspect the Study Area and to confirm any visible, potential sources of contamination.

6.1 Gelliondale Briquette Plant

The Gelliondale Briquette Plant site consists of former coal pits and mullock heaps, along with some remnants of structures such as plant foundations and equipment. Upon visit, the site showed no evidence of contaminating activities. The pits are open and waterfilled and, given that waterfowl were observed on the water surface and cattle footprints were observed around the edge of the water, the water quality appears to be good. The photographs Photograph 6. and Photograph 6. show the Gelliondale Briquette Plant.

Photograph 6.1 Gelliondale Briquette Plant site looking southwest

Photograph 6.2 Gelliondale Briquette Plant site looking west

6.2 Alberton West Fire Station

The Alberton West Fire Station site was visited (see Photograph 6. and Photograph 6.). The building was shut, and the interior of the building was not viewed. The building surroundings showed no visual evidence of contaminating activities. No external chemical storage tanks were observed.

Photograph 6.3 Alberton West Fire Station site looking west

Photograph 6.4 Alberton West Fire Station site looking west (2)

6.3 Alberton Timber and Treatment Plant

The Alberton Timber and Treatment Plant site was visited. As the site is an operating timberyard, the premises was viewed externally. No visual evidence of contaminating activities was observed. Photograph 6. shows the Alberton Timber and Treatment Plant.

Photograph 6.5 Alberton Timber and Treatment Plant site looking west

6.4 Endeavour Alberton Petrol Station

The Endeavour Alberton Petrol Station site was visited. As the site is an operating petrol station, the premises were viewed externally. The site is a typical petrol station with a number of browsers and associated infrastructure, indicating the presence of underground fuel storage tanks which could be associated with contamination. Photograph 6. shows the Endeavour Alberton Petrol Station.

Photograph 6.6 Endeavour Alberton Petrol Station site looking west

6.5 Alberton Marine

The Alberton Marine site, located at 39-14 Johnson Street, Alberton was visited. As the site is an operating boat sale, hire and maintenance facility, the premises were viewed externally. No visual evidence of contaminating activities was observed. Photograph 6. shows the Alberton Marine site.

Photograph 6.7 Alberton Marine site looking south

6.6 Hedley Fire Station

The Hedley Fire Station site was visited. The building was shut, and the interior of the building was not viewed. The building surroundings showed no visual evidence of contaminating activities. No external chemical storage tanks were observed. Photograph 6.8 and Photograph 6.9 show the Hedley Fire Station.

Photograph 6.8 Hedley Fire Station site looking southeast

Photograph 6.9 Hedley Fire Station site looking southeast (2)

6.7 Alberton West closed landfill site

The Alberton West closed landfill site was visited. The site is a grassed mounded structure with no visual evidence of it having once been a landfill. No visual evidence of contamination was observed. Photograph 6. shows the Alberton West closed landfill.

Photograph 6.10 Alberton West closed landfill site looking east

6.8 Sources of contamination with lesser potential

As noted in Section 5.2.3, the locations of the Borden Chemical Co. and Bob Vardy Panels were visited as part of the site inspection.

The Borden Chemical Co. has been identified as having the address of No.2 James Road. James Road was visited but No.2 James Road could not be located. No visual evidence of the business was observed on James Road.

Bob Vardy Panels has been identified as being in Alberton. The township of Alberton consists largely of a main street (Broughton Street/South Gippsland Highway) and eight cross streets. Commercial premises are located on Broughton Street, except Johnson Street, on which Alberton Marine is located. Alberton was visited but Bob Vardy Panels could not be located.

Also as noted in Section 5.2.3, the G & C Dura Service Station is thought to be the site of the Endeavour Alberton Petrol Station, as no other such sites were observed at Alberton.

6.9 Potential farming use sources

Individual rural properties were not inspected during the site visit – observations were confined to those made from public roads. No visual evidence of practices or infrastructure that might lead to site contamination were observed.

6.10 Acid sulfate soil

Locations where acid sulfate soil may be present were visited – including along Ti Tree Road where it crosses Muddy Creek to the east of the project area. Soil on private properties was not inspected and observations were confined to those made from public roads. No evidence of ASS were observed. Photograph 6.11 shows Muddy Creek from Ti Tree Road.

Photograph 6.11 Muddy Creek looking north

7 Risk assessment of development activities leading to land being contaminated

7.1 Risk ranking methodology

The qualitative risk assessment methodology outlined in Environmental Management Plan Guidelines (DCCEEW, 2024) has been used to determine the likelihood, consequence of risk events associated with construction, operation and decommissioning of the Project. Descriptions of likelihood and consequence rating scales are provided in Table 7.1 and Table 7.2, respectively.

Combinations of both consequence and likelihood have been used to provide a risk rating in Table 7.3. The risk rating has been used to screen and determine high risk impacts and their appropriate management measures.

Table 7.1 Risk likelihood (extracted from DCCEEW, 2024)

Qualitative measure of likelihood	How likely is it that this event/issue will occur
Highly likely	Is expected to occur in most circumstances
Likely	Will probably occur during the life of the project
Possible	Might occur during the life of the project
Unlikely	Could occur but considered unlikely or doubtful
Rare	May occur in exceptional circumstances

Table 7.2 Risk Consequence (extracted from DCCEEW, 2024)

Qualitative measure of consequences	What will be the consequence/result if this issue does occur rating
Minor	Minor incident of environmental damage that can be reversed
Moderate	Isolated but substantial instances of environmental damage that could be reversed with intensive efforts
High	Substantial instances of environmental damage that could be reversed with intensive efforts
Major	Major loss of environmental amenity and real danger of continuing
Critical	Severe widespread loss of environmental amenity and irrecoverable environmental damage

Table 7.3 Risk Rating (extracted from DCCEEW, 2024)

Likelihood	Consequence				
	Minor	Moderate	High	Major	Critical
Highly Likely	Medium	High	High	Severe	Severe
Likely	Low	Medium	High	High	Severe
Possible	Low	Medium	Medium	High	Severe
Unlikely	Low	Low	Medium	High	High
Rare	Low	Low	Low	Medium	High

Literature review, desktop assessment and site inspection were completed by Accent as described in Sections 4, 5 and 6 to understand and rank the risk of development activities prior to any mitigation measures (i.e. inherent risk).

For each of the risk events identified in Section 7.3, Accent identified potential mitigation / management measures based on professional experience and standard industry practice. Assuming effective implementation of mitigation / management measures, Accent then assigned a post-mitigation risk rating (i.e. residual risk).

7.2 Potential contamination pathways

Potential contamination pathways for known or unknown existing sources of contamination to impact the Project Footprint and Action Area in which the Project is located are:

- contaminated soil on site (including ASS)
- contaminated groundwater on site
- development activities leading to contamination on site and off site.

7.2.1 Contaminated soil on site

Past and present uses of the project area may lead to soil being contaminated. As noted in Section 5, the land use (both current and historical) is for the most part farming land, and therefore any contamination arising from this use is considered likely to be relatively minor in nature and localised in extent. Part of the area was used by the Gelliondale Briquette Co. to manufacture briquettes, and this use may have local contamination associated with it.

Other sites identified in Section 5 as being “known or likely sources of contamination” (i.e. the Alberton West Fire Station, the Alberton Timber and Treatment Plant, the Endeavour Alberton Petrol Station, Alberton Marine, the Hedley Fire Station, and the Alberton West closed landfill site to the north of the site) are all outside the Action Area in which the Project is located (and at least 960 m from the boundary) and, as such, are considered highly unlikely to be sources of on-site soil contamination.

The two other sites identified in Section 5 as being “ potential contamination sources” (Borden Chemical Co. and Bob Vardy Panels) are also both outside the Action Area (and at

least 960 m from the boundary) and, as such, are also considered highly unlikely to be sources of soil contamination in the project area.

Farming practices may have led to soil on site being contaminated. Such practices are likely to be of limited extent. However, as some of the potential contaminants are considered harmful, protocols should be in place to manage exposure to them.

As outlined in Section 4.3, ASS is likely to be present on site and could present a contamination risk if not managed appropriately. Standard ASS management measures will need to be implemented, consistent with the BPMG (DSE 2010).

7.2.2 Contaminated groundwater on site

With the exception of the former briquette manufacturing site, it is considered unlikely that there are any other significant on-site sources of soil contamination. Therefore, it is considered unlikely that there are any major on-site sources of groundwater contamination. However, contaminated groundwater can migrate from an off-site source to areas beneath the site and this possibility must be considered for each of the nine sites identified as being potential sources of contamination. Given the distances involved in these potential sources – they are all at least 960 m from the boundary – and the likely attenuation of any contaminant plume that may have occurred, the likelihood of contaminated groundwater impacting the site is considered low.

7.2.3 Development activities leading to contamination on site and off site

A number of risk events / development activities that are going to occur or may possibly occur (i.e. hazards) during the construction, operation or decommissioning of the Project are considered as sources of potential contamination. These are assessed in detail in Sections 7.3 to 7.5.

7.3 Risk event identification

As noted in Section 1.1, the PER is required to describe the risk of the development activities leading to land becoming contaminated and the potential consequences to the ecological character of the Corner Inlet Ramsar Wetland and dependent-listed threatened species and listed migratory species.

Development activities related to the construction, operation and decommissioning of the Project that may lead to the land becoming contaminated include:

- disturbance of contaminated soil or ASS during development activities
- encountering contaminated groundwater during subsurface works
- use of contaminated soil or ASS as fill material
- spills or leaks of fuel/chemicals stored and/or used on-site
- leaks of chemicals used by the BESS
- leaks of chemicals used by other infrastructure and equipment
- leaks of fuel/chemicals used by mobile plant or machinery
- the uncontrolled use of firefighting chemicals/foams in the event of fire
- the uncontrolled use of weed and/or pest control chemicals
- the inappropriate storage of raw materials used by temporary concrete batching plants
- wastewater from grey water and black water storage and disposal.

7.4 Assessment of inherent risks

The assessment of inherent risks (i.e. pre-mitigation) is shown in Table 7.4. The assessment applies the risk assessment methodology outlined in Environmental Management Plan Guidelines (DCCEEW, 2024) described in Section 7.1.

Table 7.4 Assessment of inherent risks

Item	Risk event	Baseline likelihood rating	Baseline consequence rating	Inherent risk rating
1	**Contaminated soil** Unknown contaminated soil may exist in the Project Footprint and disturbance of such soil could result in the release of contaminants into the wider environment. Project phase: Construction, decommissioning	Unlikely	Minor	Low
2	**ASS** ASS may exist in the Project Footprint and disturbance of such soil could result in the release of contaminants into the wider environment. Project phase: Construction, decommissioning	Likely	Moderate	Medium
3	**Contaminated groundwater** It is unlikely that unknown on-site and/or off-site sources of contamination have entered into the groundwater system and that, during subsurface works, this contaminated groundwater is intercepted. Project phase: Construction, decommissioning	Unlikely	Minor	Low
4	**Backfill**	Possible	Moderate	Medium

Item	Risk event	Baseline likelihood rating	Baseline consequence rating	Inherent risk rating
	Excavations at the site will need to be backfilled. If soil is required to be imported onto the site for this purpose, there is the potential for contaminated soil or ASS to be used as fill and, if so, would present a contamination risk to the broader environment. Project phase: Construction, decommissioning			
5	**Spills or leaks** Fuels or chemicals, if incorrectly stored or used in the project area, could be a source of soil, water and/or groundwater contamination. Spills or leaks may occur if these substances: • are stored in containers (e.g. drums) whose integrity may be compromised (e.g. by damage, rust, etc.) • are transferred from one container to another or to equipment for use • are disposed of inappropriately. Project phase: All	Possible	Moderate	Medium
6	**Dangerous goods (BESS)** As noted in the Risk Management Plan (including a Fire Safety Study) prepared by Fire Risk Consultants (FRC) in 2023, the dangerous goods that are stored within the BESS may leak and either ignite or require clean-up by on-site staff, contractors or firefighters. There is potential impact to soils and/or water following leaks from chemicals used by the BESS that may result in ecological harm to the environment. Project phase: Operation	Possible	Moderate	Medium

Item	Risk event	Baseline likelihood rating	Baseline consequence rating	Inherent risk rating
7	**Construction activities** Construction activities, such as earthworks, the supply and installation of WTGs and operation of site generators, may result in oil, chemical and fuel spills that have the potential to contaminate land, surface and groundwater resources. This may occur from the use of chemicals (e.g. cleaning, preserving, servicing, paints, solvents), hydrocarbons (e.g. fuels, oils, lubricants), on-site refueling of plant and machinery, bulk storage of fuels and other hazardous substances, and accidents during transportation. Project phase: Construction, decommissioning	Possible	Moderate	Medium
8	**Firefighting** The use of firefighting chemicals and/or foams can lead to contamination in the broader environment, if not appropriately controlled and contained. As noted in their fire risk assessment (FRC 2023), in the event of a fire involving the BESS, firefighters will respond and use water to either extinguish or cool the surrounding area until the infrastructure is deemed safe. The fire water may be contaminated and, if not contained, may create environmental issues. Project phase: All	Possible	Moderate	Medium
9	**Weed and/or pest control** The use of weed and/or pest control chemicals can lead to contamination in the broader environment, if not appropriately controlled and contained. Potential impacts to soils and/or water may occur during the storage and handling of these chemicals that may result in ecological harm to the environment.	Possible	Moderate	Medium

Item	Risk event	Baseline likelihood rating	Baseline consequence rating	Inherent risk rating
	Project phase: All			
10	**Raw materials** The raw materials stored on site for use by temporary concrete batching plants are likely to be placed in storage bunds, which will need to be appropriately covered to minimise the potential for environmental harm. Potential impacts to soils and/or water may occur during the storage and handling of these raw materials that may result in ecological harm to the environment. Project phase: Construction	Possible	Moderate	Medium
11	**Wastewater** Wastewater generated by the site workforce needs to be captured and disposed of appropriately, as uncontrolled and unapproved on-site disposal of wastewater can contaminate land and waterways. Potential impacts to soils and/or water may occur during the storage and handling of wastewater that may result in ecological harm to the environment. Project phase: All	Possible	Moderate	Medium

7.5 Management measures and assessment of residual risks

The assessment of residual risks (i.e. post-mitigation) is shown in Table 7.5. The assessment applies the risk assessment methodology outlined in Environmental Management Plan Guidelines (DCCEEW, 2024) described in Section 7.1.

Recommendations for management measures are provided for each of the risk events identified in Section 7.3.

Table 7.5 Management measures and assessment of residual risks

Item	Inherent risk	Management measures	Post-mitigation likelihood rating	Post-mitigation consequence rating	Residual risk rating
1	Low	**Contaminated soil** Protocols may be put in place to identify potential contamination should suspected contaminated soils or hazardous materials be discovered during excavation. Management measures for soil and groundwater may include the implementation of a soil and water management plan which would have protocols such as: • actively monitoring excavations for the conditions/materials that may indicate contamination • a stop work procedure to be followed should potential contamination be identified • barriers to be put in place to prevent access to the potential contamination • characterisation and delineation of the contamination by a suitably-qualified professional • appropriate storage and disposal of contaminated soil/water, in accordance with EPA requirements. Project phase: Construction, decommissioning	Unlikely	Minor	Low

Item	Inherent risk	Management measures	Post-mitigation likelihood rating	Post-mitigation consequence rating	Residual risk rating
2	Medium	**ASS** Acid sulfate soil management measures will be implemented to avoid or minimise environmental impacts associated with the disturbance of ASS and any associated acidic water encountered during construction, including the construction of turbine foundations, crane hardstands, access tracks, underground cable trenches, drainage works and other excavation areas. Measures will be designed to protect surrounding soils, drainage lines, waterways, wetlands, farm dams and groundwater from acid generation, acid drainage and mobilisation of metals. All measures will be developed and implemented in accordance with the **following guidelines and standards**, or their current equivalents: • DEECA (formerly DSE) (2010) Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils • EPA Victoria (2009) Information bulletin acid sulfate soil and rock • EPA Victoria requirements for management of waste soil, including waste acid sulfate soil where relevant • Project-specific geotechnical, environmental and excavation management requirements. **Management measures for the wind farm will be based on the following principles:** • Avoiding disturbance of ASS where practicable through design, micro-siting and construction planning. • Identifying areas of ASS risk before excavation using available mapping, site history, geology and targeted investigation. • Minimising the volume and duration of ASS exposure during excavation.	Likely	Minor	Low

Item	Inherent risk	Management measures	Post-mitigation likelihood rating	Post-mitigation consequence rating	Residual risk rating
		• Separating suspected or confirmed ASS material from non-ASS material. • Managing excavated ASS material to prevent oxidation, acid generation and contaminated runoff. • Managing water from ASS-affected excavations so acidic or contaminated water is not discharged untreated. • Treating, reburying, or lawfully disposing of ASS material in accordance with specialist advice and regulatory requirements. **Prior to high-risk excavation**, the project will review available ASS information and undertake targeted field verification where required. EPA Victoria guidance recommends using qualified consultants where needed. **Where investigations or field observations indicate potential ASS risk,** the following measures will be implemented: • targeted sampling and laboratory analysis prior to bulk disturbance • field screening during excavation • segregation of suspect materials • preparation of excavation-specific management controls • contingency arrangements for liming, reburial, encapsulation, water treatment or off-site disposal if required. These measures are intended to prevent acidification of soils and waters, avoid harm to sensitive receptors, and ensure excavation activities are managed consistently with Victorian best practice. **Performance criteria:** • Areas with potential ASS risk are assessed before high-risk disturbance.			

Item	Inherent risk	Management measures	Post-mitigation likelihood rating	Post-mitigation consequence rating	Residual risk rating
		• Suspected or confirmed ASS is clearly identified and segregated from clean material. • No unauthorised discharge of acidic water, contaminated water, or untreated water from ASS-affected excavations. • Excavated ASS material is not left exposed longer than necessary. • Treatment, reburial, encapsulation or off-site disposal is undertaken in accordance with specialist advice and regulatory requirements. • Any waste ASS is classified and managed in accordance with EPA Victoria waste-soil requirements where disposal or off-site management is required.			
3	Low	**Contaminated groundwater** Same as management measures for item 1. Project phase: Construction, decommissioning	Unlikely	Minor	Low
4	Medium	**Backfill** Management measures may include the use of fill material that is certified as clean fill. Project phase: Construction, decommissioning	Unlikely	Minor	Low
5	Medium	**Spills or leaks** Management measures may include: • the use of appropriate storage facilities/containers, • implementation of appropriate bunding around chemical storage facilities,	Unlikely	Minor	Low

Item	Inherent risk	Management measures	Post-mitigation likelihood rating	Post-mitigation consequence rating	Residual risk rating
		• the implementation and use of management plans such as of a soil and water management plan that addresses chemical storage and include a spill response plan, • and provision of training in the storage, use and disposal of the chemicals and fuels and in the use of the management plans. Project phase: All			
6	Medium	**Dangerous goods (BESS)** Management measures may include: • the implementation of an Emergency Management Plan which includes details of the hazards associated with chemical spills or leakages, • the implementation and use of management plans (such as of a soil and water management plan), • and appropriate training in the use of the management plans. Project phase: Operation	Unlikely	Minor	Low
7	Medium	**Construction activities** Management measures may include: • the implementation of an Emergency Management Plan which includes details of the hazards associated with the generation of fire water, • the implementation and use of management plans (such as of a soil and water management plan), • and appropriate training in the use of the management plans. Project phase: Construction, decommissioning	Unlikely	Minor	Low

Item	Inherent risk	Management measures	Post-mitigation likelihood rating	Post-mitigation consequence rating	Residual risk rating
8	Medium	**Firefighting** Management measures may include: • the implementation of an Emergency Management Plan which includes details of the hazards associated with the generation of fire water, • the implementation and use of management plans (such as of a soil and water management plan), • and appropriate training in the use of the management plans. Project phase: All	Possible	Minor	Low
9	Medium	**Weed and/or pest control** Management measures may include: • the implementation of a weed and pest management plan, • appropriate training in the use and application of the necessary chemicals and in the use of a management plan. Project phase: All	Unlikely	Minor	Low
10	Medium	**Raw materials** Management measures may include: • constructing reinforced concrete hardstand areas below “wet” areas, including the truck washdown, agitator loading and slumping areas • using water and sediment pits to contain slurries and other wastewater • bunding around the temporary concrete batching plans • the implementation of a soil and water management plan. Project phase: Construction	Unlikely	Minor	Low

Item	Inherent risk	Management measures	Post-mitigation likelihood rating	Post-mitigation consequence rating	Residual risk rating
11	Medium	**Wastewater** Management measures may include protocols for wastewater to be captured and disposed off-site to an appropriately-licenced waste disposal facility in accordance with EPA guidelines. Project phase: All	Unlikely	Minor	Low

8 Conclusions and recommendations

8.1 Known or potential sources of contamination

The likelihood of encountering sources of contamination within the Project Footprint, the Action Area in which the Project is located, or the wider study area is low.

With the exception of the briquette manufacturing site, no on-site sources of contamination have been identified. The briquette manufacturing site is a considerable distance (greater than 100 m) from the nearest disturbance footprint and any contamination, if present, is unlikely to be disturbed by the construction, operation or decommissioning of the Project.

There is potential for unknown sources of contamination to be present on site. However, these are likely to be small and of limited extent. If their presence is suspected and/or identified during project-related works, risk adjusted management measures and protocols should be implemented to manage potential impacts of contamination sources on land, waterways and groundwater.

Contamination management measures and protocols should be included in the appropriate environmental management plan documentation for all phases of the Project. See Section 7.2 for further details. If management measures and protocols are implemented effectively, the residual risk of soil or groundwater contamination sources impacting on land, waterways and groundwater as a result of project activities is considered low.

It is likely that ASS will be encountered during project-related works. If presence is suspected and/or identified while preparing for or during proposed works, appropriate management measures and protocols must be implemented to manage potential impacts on land, waterways and groundwater. Please refer to Table 7.5 (Item 2) and Section 2.3.8 of the Draft EMP Outline for detailed recommendations and descriptions of the proposed management strategies and measures.

The known or potential off-site sources of contamination are likely non-significant and are unlikely to be impacted by the construction, operation or decommissioning of the Project. Also, they are unlikely to contribute to on-site contamination of land, waterways and groundwater due to their distance (> 960 m) from the boundary of the Action Area in which the Project is located.

8.2 Potential for project activities to contaminate land and waterways

The risk assessment identified project activities with inherent risk to contaminate land, waterways or groundwater due to their potential to cause environmental harm to the environment.

Project activities with medium inherent risk are summarised below:

- disturbance of ASS during excavation works
- backfill of excavations with ASS or otherwise contaminated soil

- oil, fuel or chemical spills or leaks from plant or machinery, chemicals stored on site (e.g. for weed and pest control), raw materials stored on site (e.g. for concrete batching) or the battery energy storage system (BESS)
- hazards including fire and the potential use and/or run off of firefighting chemicals, foams or water
- application of weed and pest control
- waste water capture, storage and disposal.

These project activities and their associated inherent risks are common among a range of industry sectors, and standard industry practices including e.g. risk adjusted management measures and protocols, monitoring and inspection measures, staff induction and training, regular communication with and reporting to relevant authorities are well established.

If the appropriate management plans, measures and controls are in place, the residual risk that the above project activities may lead to contamination of land, waterways or groundwater is considered low.

Recommended management plans, measures and controls include:

- Protocols are put in place to identify potential contamination should suspected contaminated soils or hazardous materials be discovered during excavation.
- Management measures for soil, waterways and groundwater should include the implementation of a soil and water management plan which should have protocols such as:
    - actively monitoring excavations for the conditions/materials that may indicate contamination
    - a stop work procedure to be followed should potential contamination be identified
    - barriers to be put in place to prevent access to the potential contamination
    - characterisation and delineation of the contamination by a suitably-qualified professional
    - appropriate storage and disposal of contaminated soil/water, in accordance with EPA requirements.
- Management measures for ASS should be documented in an ASS management plan, (consistent with the BPMG, DSE 2010) which should include protocols such as:
    - actively monitoring excavations for the conditions/materials that may indicate ASS
    - a stop work procedure in place should potential ASS be identified
    - barriers put in place to prevent access to potential ASS
    - characterisation and delineation of the ASS by a suitably-qualified professional
    - appropriate storage and disposal of ASS in accordance with regulatory requirements.
- Management measures for backfill should include the use of fill material that is certified as clean fill.

- Management measures for spills or leaks should include management plans and protocols such as:
    - the implementation and use of management plans such as of a soil and water management plan that addresses chemical storage and include a spill response plan
    - the implementation of an Emergency Management Plan which includes details of the hazards associated with spills or leaks of potentially hazardous substances
    - the use of appropriate storage facilities/containers
    - implementation of appropriate bunding around chemical storage facilities
    - provision of training in the storage, use and disposal of the chemicals and fuels and in the use of the management plans
- Management measures for hazards including fire should include:
    - the implementation of an Emergency Management Plan which includes details of the hazards associated with the generation of fire water, potential use of firefighting chemicals and/or foam, chemical spills and other hazards
    - the implementation and use of management plans (such as of a soil and water management plan, spill response plan)
    - provision of training in dealing with hazards and emergencies with appropriate training in the use of the management plans.
- Management measures for weed and pest control should include:
    - the implementation of a weed and pest management plan,
    - appropriate training in the use and application of the necessary chemicals and in the use of a management plan.

Management measures for raw material handling and storage should include:

- constructing reinforced concrete hardstand areas below “wet” areas, including the truck washdown, agitator loading and slumping areas
- using water and sediment pits to contain slurries and other wastewater
- bunding around the temporary concrete batching plans
- the implementation of a soil and water management plan.

- Management measures for wastewater should include protocols that wastewater is captured and disposed off-site to an appropriately-licenced waste disposal facility in accordance with EPA guidelines.

In conclusion and subject to effective implementation of appropriate management plans, measures and controls, the Project is not expected to lead to the Action Area becoming contaminated. Accordingly, the ecological character of the Corner Inlet Ramsar Wetland and dependent-listed threatened species and listed migratory species will not be impacted by the Project as a result of land contamination issues

9 References

Alluvium (2025). Gelliondale Wind Farm - Flood, Erosion and Sediment Run-Off Impact Assessment, Version 3, March 2025

Beveridge Williams (2023). Gelliondale Wind Farm – Town Planning Report. Beveridge Williams, July 2023.

CFA (2024). Design Guidelines and Model Requirements for Renewable Energy Facilities v4. State of Victoria (Country Fire Authority), Version 4, July 2024.

DCCEEW (2024). Environmental Management Plan Guidelines. Department of Climate Change, Energy, the Environment and Water, Canberra, Commonwealth of Australia March 2024.

DSE (2010). Victorian Best Practice Guidelines for Assessing and Managing Coastal Acid Sulfate Soils. Department of Sustainability and Environment, October 2010

FRC (2023). Gelliondale Wind Farm and Battery Energy Storage System (BESS) - Risk Management Plan (including Fire Safety Study). Fire Risk Consultants, June 2023.

GHD (2024). Contamination Assessment for Gelliondale Wind Farm: Contamination Assessment Report (Draft) for RWE Renewables Australia Pty Ltd. GHD Pty Ltd, 19 June 2023.

Sullivan, L, Ward, N, Toppler, N and Lancaster, G (2018). National Acid Sulfate Soils guidance: National acid sulfate soils sampling and identification methods manual, Department of Agriculture and Water Resources, Canberra ACT. June 2018. chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.waterquality.gov.au/sites/default/files/documents/sampling-identification-methods.pdf

UN (2017). Globally Harmonized System of Classification and Labelling of Chemicals (GHS). Seventh revised edition, United Nations, 2017.

VRO (2014). Victorian Soils Map 2014. Accessed 16 October 2024. https://vro.agriculture.vic.gov.au/dpi/vro/vrosite.nsf/pages/soil-home

VVG (2024). Visualising Victoria’s Groundwater. Accessed 28 August 2024. https://www.vvg.org.a

ACCENT ENVIRONMENTAL

Appendix A: Comprehensive research into current and historical land use (Land Insight)

Land Insight

Due Diligence Insight Report

Gelliondale Windfarm
Gelliondale, VIC

20 Aug 2024

Report nº:
LI-4246 DDR

Understanding your report

Thank you for ordering your report from Land Insight. If you have any feedback, questions or queries, please get in touch with us at orders@landinsight.co.

Your Report has been produced by Land Insight and contains information related to current and historical land use information, environmental risks and hazards.

The information presented in this report includes Land Insights' comprehensive research into current and historical land use derived from Land Insight's proprietary National Land Use Atlas (NLUA), environmental risk information and data available from public databases, third party providers, local and state authorities.
The report also includes detailed property and soil setting information, hydrogeology, identification of potential pollution and contamination along with ground and natural hazards.The records identified are presented within a 200 to 2000m radius (buffer zone) from the boundaries of the Property searched, depending on the screened constraint. The report is separated and grouped into easy to navigate sections as per Summary below:

Section 1	**PROPERTY SETTING**	Sensitive Receptors, Planning Controls, Zoning, Heritage, Soil and Land Information, Geology and Topography
Section 2	**HYDROGEOLOGY AND GEOTECHNICAL**	Groundwater Bores and Other Borehole investigations, Groundwater Dependent Ecosystems (GDE), Aquifer and Wetland, Other Hydrogeology information.
Section 3	**ENVIRONMENTAL REGISTERS, LICENCES AND INCIDENTS**	Contaminated Land Public Register, Licences, Audits and Orders, Sites Regulated by Other Jurisdictional Body (Former Gaswork sites / PFAS sites, UXO Areas), Historical Landfills, Derelict Mines and National Pollutant Inventory (NPI).
Section 4	**POTENTIALLY CONTAMINATED AREAS**	Potentially Contaminating activities (Industries, businesses and activities that may cause contamination), Historical Potentially Contaminating activities and Historical Land Use.
Section 5	**NATURAL HAZARDS**	Erosion hazard, Flood hazards, Bushfire prone land and Bushfire history.

This report includes data listed on page 4 (table of contents). All sources of data and definitions are provided in the Product Guide (Attached). For a full list of references, metadata, publications or additional information not provided in this report, please contact orders@landinsight.co.

This report does not include information derived from a physical inspection. It is important to note that a site inspection can present information relevant to other risks and hazards that may not be identified by this Report.

Due to the ongoing nature of database development and frequency of updates provided by various state government regulators and data sources, the data displayed within this report is only current from date of production. While every effort is made to ensure the details in your Report are correct, Land Insight cannot guarantee the accuracy or completeness of the information and/or data provided.

This Report, and your use of it, is regulated by Land Insight's Terms and Conditions. For more information, see Land Insight's Product Guide.

Land Insight

Report Summary

	Dataset name	Onsite	On Buffer	Buffer Distance
Section 1 - Property Setting				
1.1	Sensitive Receptors	✓	✓	3000m
1.2a	Planning Controls *(Zoning)*	✓	✓	3000m
1.2b	Planning Overlays *(Environmental Planning Instruments)*	✓	✓	3000m
	Planning Overlays *(Other Planning Information)*			3000m
1.3	Heritage *(State and Local Heritage)*	✓	✓	3000m
	Heritage *(Australian and World Heritage Database Register)*			3000m
1.4a	Soil and Land Use Information *(Soil Landscape)*	✓	✓	3000m
	Soil and Land Use Information *(Soil Salinity)*	✓	✓	3000m
	Soil and Land Use Information *(Radon)*	✓	✓	3000m
1.4b	Acid Sulfate Soil *(State and Local Acid Sulfate Soil Registers)*	✓	✓	3000m
	Acid Sulfate Soil *(National Acid Sulfate Soil Registers)*	✓	✓	3000m
1.5	Geology and Topography *(Geology)*	✓	✓	3000m
	Geology and Topography *(Naturally Occurring Asbestos Potential NOA)*			3000m
Section 2 – Hydrogeology and Geotechnical				
2.1	GDE & Hydrogeology Constraints *(Aquifer Type)*	✓	✓	3000m
	GDE & Hydrogeology Constraints *(Groundwater Protection Areas)*	✓	✓	3000m
	GDE & Hydrogeology Constraints *(Wetlands)*	✓	✓	3000m
	GDE & Hydrogeology Constraints *(GDE Surface)*	✓	✓	3000m
	GDE & Hydrogeology Constraints *(GDE Subsurface)*	✓	✓	3000m
	GDE & Hydrogeology Constraints *(Groundwater Licences)*			3000m
	GDE & Hydrogeology Constraints *(Groundwater Bores)*	✓	✓	3000m
2.2	Groundwater and Other Bores *(Groundwater Restricted Use Zones)*			3000m
	Groundwater and Other Bores *(Groundwater Salinity)*	✓	✓	3000m
	Groundwater and Other Bores *(Other Known Boreholes Investigations)*	✓	✓	3000m
Section 3 - Environmental Registers, Licences and Incidents				
3.1	Contaminated Land Public Register (Contaminated Sites)			3000m
3.2	Licences, Approvals & Assessments *(Licences)*	✓	✓	3000m
	Licences, Approvals & Assessments *(Audits)*	✓	✓	3000m
	Licences, Approvals & Assessments *(Clean up Notices, Penalty Notices and Orders)*			3000m
3.3a	Sites Regulated by other Jurisdictional Body *(Contaminated Legacy Areas)*			3000m
	Sites Regulated by other Jurisdictional Body *(Defence, Military Sites and UXO Areas)*			3000m
	Sites Regulated by other Jurisdictional Body *(Former Gasworks Sites)*			3000m
	Sites Regulated by other Jurisdictional Body *(PFAS Sites)*			3000m
3.3b	Other Potential Hazard Sources *(Mines and Quarries)*			3000m
	Other Potential Hazard Sources *(Landfills)*			3000m
	Other Potential Hazard Sources *(National Pollutant Inventory NPI)*			3000m
Section 4 - Potentially Contaminated Areas				
4.1	Potentially Contaminating Activities (Liquid Fuel Facilities)		✓	3000m
4.2	Historical Business Directories		✓	3000m
Section 5 - Natural Hazards				
5.1	Fire Hazard *(Bushfire Prone Areas)*	✓	✓	3000m
	Fire Hazard *(Bushfire History)*	✓	✓	3000m
5.2	Flood Hazard *(Flood Planning Area)*	✓	✓	3000m
	Flood Hazard *(Other Flood Studies)*	✓	✓	3000m
	Flood Hazard *(Flood History)*			3000m
5.3	Erosion Hazard	✓	✓	3000m

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Land Insight Product Guide and Terms and Conditions

Section 1 Property Setting

1.1 SENSITIVE RECEPTORS

Map 1.1 (3000m Buffer)

Sensitive receptor	Type	Distance (m)	Direction
Albert River	Water body	0.0	Onsite
Muddy Creek	Water body	0.0	Onsite
Swamp	Water body	0.0	Onsite
Lake	Water body	0.0	Onsite
Canal Line	Water body	0.0	Onsite
Land Subject To Inundation	Water body	0.0	Onsite
Watercourse	Watercourse	0.0	Onsite
Jack river	Water body	28.8	North-east
Watercourse Area	Watercourse Area	69.6	North
Nine Mile Creek	Water body	160.4	South-west
Stony Creek	Water body	522.1	North-east
Connector	Water body	721.8	North-east
Alberton West Recreation Reserve	Parks	1452.6	North-east
Albert River Reserve	Parks	1500.2	East
Alberton Primary School	Education	1975.7	East
Hedley Recreation Reserve	Parks	2412.5	West
Hedley Anglican Church	Places of Worship and Religious Organisations	2660.0	West
Unnamed P0155	Parks	2881.7	South-east
Foreshore Flat	Water body	2919.2	South

1.2a PLANNING CONTROLS

Map 1.2a (3000m Buffer)

Zoning

Zoning	Type	Details	Distance (m)	Direction
PCRZ	Public Conservation And Resource Zone	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
FZ	Farming Zone	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
TRZ2	Transport Zone 2 - Principal Road Network	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
IN1Z	Industrial 1 Zone	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
TRZ3	Transport Zone 3 - Significant Municipal Road	Wellington LGA - Vicmap Planning 2024	3.3	North
FZ	Farming Zone	South Gippsland LGA - Vicmap Planning 2024	17.3	West
TRZ2	Transport Zone 2 - Principal Road Network	South Gippsland LGA - Vicmap Planning 2024	20.5	West
PPRZ	Public Park And Recreation Zone	South Gippsland LGA - Vicmap Planning 2024	80.5	North-west
PCRZ	Public Conservation And Resource Zone	South Gippsland LGA - Vicmap Planning 2024	1048.0	West
PPRZ	Public Park And Recreation Zone	Wellington LGA - Vicmap Planning 2024	1149.2	East
IN3Z	Industrial 3 Zone	Wellington LGA - Vicmap Planning 2024	1565.5	East
TZ	Township Zone	Wellington LGA - Vicmap Planning 2024	1725.6	East
PUZ2	Public Use Zone - Education	Wellington LGA - Vicmap Planning 2024	1882.3	East
PUZ5	Public Use Zone - Cemetery/Crematorium	Wellington LGA - Vicmap Planning 2024	2121.0	South-east
PUZ2	Public Use Zone - Education	South Gippsland LGA - Vicmap Planning 2024	2506.0	West
RAZ	Rural Activity Zone	Wellington LGA - Vicmap Planning 2024	2576.9	South-east
PUZ3	Public Use Zone - Health And Community	South Gippsland LGA - Vicmap Planning 2024	2600.3	West

1.2b PLANNING OVERLAYS

Map 1.2b (3000m Buffer)

Environmental Planning Instruments

Name	Type	Details	Distance (m)	Direction
ESO2	Environmental Significance Overlay - Schedule 2	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
SRO1	State Resource Overlay 1	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
BMO	Bushfire Management Overlay	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
HO81	Heritage Overlay (HO81)	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
LSIO	Land Subject To Inundation Overlay	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
DDO1	Design And Development Overlay - Schedule 1	Wellington LGA - Vicmap Planning 2024	0.0	Onsite
FO	Floodway Overlay	Wellington LGA - Vicmap Planning 2024	0.0	Onsite

Name	Type	Details	Distance (m)	Direction
ESO3	Environmental Significance Overlay - Schedule 3	Wellington LGA - Vicmap Planning 2024	4.1	North-west
SLO3	Significant Landscape Overlay - Schedule 3	South Gippsland LGA - Vicmap Planning 2024	6.5	West
BMO	Bushfire Management Overlay	South Gippsland LGA - Vicmap Planning 2024	18.0	West
ESO1	Environmental Significance Overlay - Schedule 1	Wellington LGA - Vicmap Planning 2024	485.8	South-east
RO18	Restructure Overlay - Schedule 18	South Gippsland LGA - Vicmap Planning 2024	1039.7	West
LSIO	Land Subject To Inundation Overlay	South Gippsland LGA - Vicmap Planning 2024	1102.1	West
ESO5	Environmental Significance Overlay - Schedule 5	South Gippsland LGA - Vicmap Planning 2024	1231.7	North
RXO	Road Closure Overlay	South Gippsland LGA - Vicmap Planning 2024	1490.3	West
HO12	Heritage Overlay (HO12)	Wellington LGA - Vicmap Planning 2024	1615.5	North-east
DDO21	Design And Development Overlay - Schedule 21	Wellington LGA - Vicmap Planning 2024	1725.6	East
HO11	Heritage Overlay (HO11)	Wellington LGA - Vicmap Planning 2024	1792.7	North-east
HO10	Heritage Overlay (HO10)	Wellington LGA - Vicmap Planning 2024	1940.1	East
HO9	Heritage Overlay (HO9)	Wellington LGA - Vicmap Planning 2024	2017.7	East
HO5	Heritage Overlay (HO5)	Wellington LGA - Vicmap Planning 2024	2024.2	East
HO3	Heritage Overlay (HO3)	Wellington LGA - Vicmap Planning 2024	2110.2	East
HO248	Heritage Overlay (HO248)	Wellington LGA - Vicmap Planning 2024	2121.0	South-east
HO6	Heritage Overlay (HO6)	Wellington LGA - Vicmap Planning 2024	2266.1	East
ESO3	Environmental Significance Overlay - Schedule 3	South Gippsland LGA - Vicmap Planning 2024	2334.1	South
HO1	Heritage Overlay (HO1)	Wellington LGA - Vicmap Planning 2024	2392.2	East
HO7	Heritage Overlay (HO7)	Wellington LGA - Vicmap Planning 2024	2393.0	East
HO2	Heritage Overlay (HO2)	Wellington LGA - Vicmap Planning 2024	2407.8	East
HO13	Heritage Overlay (HO13)	Wellington LGA - Vicmap Planning 2024	2466.2	North-east
HO8	Heritage Overlay (HO8)	Wellington LGA - Vicmap Planning 2024	2487.1	East
HO44	Heritage Overlay (HO44)	South Gippsland LGA - Vicmap Planning 2024	2600.3	West
HO35	Heritage Overlay (HO35)	Wellington LGA - Vicmap Planning 2024	2693.1	South-east
HO22	Heritage Overlay (HO22)	Wellington LGA - Vicmap Planning 2024	2839.8	South-east
HO14	Heritage Overlay (HO14)	Wellington LGA - Vicmap Planning 2024	2978.7	North-east

Other Planning Information

Name	Type	Details	Distance (m)	Direction
Not identified	-	-	-	-

1.3 HERITAGE

Map 1.3 (3000m Buffer)

State and Local Heritage Registers

Site ID	Site Name	Type	Details	Distance (m)	Direction
34102	Null	Aboriginal Heritage Places	Null	0.0	Onsite
30470	Null	Aboriginal Heritage Places	Null	0.0	Onsite
32709	Null	Aboriginal Heritage Places	Null	0.0	Onsite
34876	Null	Aboriginal Heritage Places	Null	0.0	Onsite
25023	Null	Aboriginal Heritage Places	Null	0.0	Onsite
H8220-0008	GELLIONDALE BRIQUETTE PLANT	Heritage Register	Null	0.0	Onsite
H1058	GELLIONDALE BRIQUETTE PLANT	State Heritage Register	Null	0.0	Onsite
20542	Null	Aboriginal Heritage Places	Null	0.0	Onsite
6518	Null	Aboriginal Heritage Places	Null	0.0	Onsite
1276	Null	Aboriginal Heritage Places	Null	0.0	Onsite
45027	Null	Aboriginal Heritage Places	Null	71.6	North
9277	Null	Aboriginal Heritage Places	Null	230.0	South
23600	Null	Aboriginal Heritage Places	Null	351.3	North
53681	Null	Aboriginal Heritage Places	Null	622.6	South-east
45171	Null	Aboriginal Heritage Places	Null	707.8	South-east
22892	Null	Aboriginal Heritage Places	Null	800.0	South
1279	Null	Aboriginal Heritage Places	Null	870.4	North
49705	Null	Aboriginal Heritage Places	Null	963.1	South-east
17307	Null	Aboriginal Heritage Places	Null	979.4	North
49298	Null	Aboriginal Heritage Places	Null	1017.8	South
50445	Null	Aboriginal Heritage Places	Null	1308.9	South
23892	Null	Aboriginal Heritage Places	Null	1602.5	South
50489	Null	Aboriginal Heritage Places	Null	1654.5	South-east
30372	Null	Aboriginal Heritage Places	Null	1678.7	South-east
8882	Null	Aboriginal Heritage Places	Null	1761.2	South-east
11018	Null	Aboriginal Heritage Places	Null	1790.8	South
21204	Null	Aboriginal Heritage Places	Null	1849.5	South
6560	Null	Aboriginal Heritage Places	Null	1909.8	South-east

Site ID	Site Name	Type	Details	Distance (m)	Direction
25881	Null	Aboriginal Heritage Places	Null	1964.2	South-east
H8220-0005	ALBERTON CORDIAL FACTORY	Heritage Register	Null	2019.4	East
761	Null	Aboriginal Heritage Places	Null	2199.9	South
54700	Null	Aboriginal Heritage Places	Null	2245.5	South
39110	Null	Aboriginal Heritage Places	Null	2252.4	South
49498	Null	Aboriginal Heritage Places	Null	2309.1	South
5273	Null	Aboriginal Heritage Places	Null	2318.1	South-east
20653	Null	Aboriginal Heritage Places	Null	2349.1	South
17343	Null	Aboriginal Heritage Places	Null	2362.3	South
17929	Null	Aboriginal Heritage Places	Null	2373.9	South
35333	Null	Aboriginal Heritage Places	Null	2508.6	South-east
23974	Null	Aboriginal Heritage Places	Null	2575.1	South-east
H8220-0004	SEABANK	Heritage Register	Null	2575.8	South-east
47644	Null	Aboriginal Heritage Places	Null	2646.1	South
H8220-0002	OLD SETTLEMENT BEACH	Heritage Register	Null	2696.4	South-east
23623	Null	Aboriginal Heritage Places	Null	2753.8	South-west
5206	Null	Aboriginal Heritage Places	Null	2862.8	South-east

Australian Heritage Database Register

Site ID	Site Name	Type	Details	Distance (m)	Direction
Not identified	-	-	-	-	-

Commonwealth Heritage List, National Heritage List and World Heritage Area.

1.4a SOIL AND LAND USE INFORMATION

Map 1.4a (3000m Buffer)

Soil Landscape

Code	Name	Soil Group	Description	Distance (m)	Direction
FfcQ7-1	High Terraces and Fans - Gippsland	'Duplex soils, Sands'	Present flood plain. Quaternary material <1.4my	0.0	Onsite
PfcC7-2	High Terraces and Fans - Gippsland	'Yellow duplex soils, Pale sands'	Plain above flood level (relative relief <9m). Cainozoic (undifferentiated) material <65my	0.0	Onsite
PCcfQ7-2	Barrier Complexes - Discovery Bay, Gippsland Lakes	'Pale sands, Duplex soils'	Quaternary material <1.4my	0.0	Onsite
PfcC7-3	High Terraces and Fans - Gippsland	'Yellow duplex soils, Pale sands'	Plain above flood level (relative relief <9m). Cainozoic (undifferentiated) material <65my	0.0	Onsite
FfcQ7-2	High Terraces and Fans - Gippsland	'Sands, Clays'	Present flood plain. Quaternary material <1.4my	0.0	Onsite
LcfT7-2	High Terraces and Fans - Gippsland	'Pale sands, Yellow duplex soils'	Low hill (relative relief 30-90m). Tertiary material 1.4-65my	0.0	Onsite
MsM8-1	Dissected Fault Block - South Gippsland Ranges	Earths	Mountain (relative relief >300m). Sedimentary rocks ie sandstone, mudstone. Mesozoic material 65-250my	247.6	North
FfQ7-1	Barrier Complexes - Discovery Bay, Gippsland Lakes	'Peats, Peaty clays'	Present flood plain. Fine textured unconsolidated deposits. Quaternary material <1.4my	343.9	South-east
Tb21	Undulating plain, low dunes and swamps	Sodosol	Undulating plain, low dunes and swamps: creek and river floodplains of hard yellow mottled soils (Dy3.41 and Dy3.42) in association with leached sands (Uc2.3) on low dune-swale areas; undescribed soils in swampy areas; small areas of unit A5 along the coast	2009.1	South-east

Salinity

Salinity Hazard	Type	Details	Distance (m)	Direction
High hazard or risk	Australian Dryland Salinity Assessment (1:2,500,000) 2001	High hazard or risk in 2020, and 2050	0.0	Onsite
Not Applicable	Australian Dryland Salinity Assessment (1:2,500,000) 2001	Null	0.0	Onsite
High	Salinity Provinces	Victoria's Salinity Provinces	0.0	Onsite
High hazard or risk	Australian Dryland Salinity Assessment (1:2,500,000) 2001	High hazard or risk in 2000, 2020, and 2050	0.0	Onsite

Salinity Hazard	Type	Details	Distance (m)	Direction
Low	Salt Susceptibility	Salt Suscept Land Systems of Victoria at 1:250,000	0.0	Onsite
High hazard or risk	Australian Dryland Salinity Assessment (1:2,500,000) 2001	High hazard or risk in 2000, and 2050	0.0	Onsite
High hazard or risk	Australian Dryland Salinity Assessment (1:2,500,000) 2001	High hazard or risk in 2050	0.0	Onsite
Not Applicable	Salt Susceptibility	Salt Suscept Land Systems of Victoria at 1:250,000	247.6	North

Radon

Radon Level (Bq/m³)	Distance (m)	Direction
8	0.0	Onsite
7	12.1	West

Typical radon levels in Australia are low and the values shown are the average values for each census district. For specific location, factors such as the local geology and house type could lead to different values. (ARPANSA).

1.4b ACID SULFATE SOIL

Map 1.4b (3000m Buffer)

State and Local Acid Sulfate Soil Registers

Name	Classification	Description	Distance (m)	Direction
Coastal acid sulfate soils (CASS)	Water	Not Applicable (Water)	0.0	Onsite
Coastal acid sulfate soils (CASS)	Prospective Land	Prospective Land: Land that has the potential to contain Coastal Acid Sulfate Soils as indicated by geomorphology.	0.0	Onsite

To ensure that development does not disturb, expose or drain acid sulfate soils and cause environmental damage, development consent may be required for the carrying out of works within areas and land shown on the Acid Sulfate Soils Map.

National Acid Sulfate Soil Register

Name	Classification	Description	Distance (m)	Direction
Atlas of Australian Acid Sulfate Soils	Low Probability of occurrence	Acid sulfate soil generally within upper 1m in wet / riparian areas.	0.0	Onsite
Atlas of Australian Acid Sulfate Soils	Extremely low probability of occurrence	Acid sulfate soil generally within upper 1m in wet / riparian areas.	0.0	Onsite
Atlas of Australian Acid Sulfate Soils	High Probability of occurrence	Acid sulfate soil generally within upper 1m.	456.8	South-east
Atlas of Australian Acid Sulfate Soils	High Probability of occurrence	Potential acid sulfate soil material and/or Monosulfidic Black Ooze (MBO).	1527.7	South-east
Atlas of Australian Acid Sulfate Soils	High Probability of occurrence	Potential acid sulfate soil generally within upper 1m.	1885.8	South-east
Atlas of Australian Acid Sulfate Soils	High Probability of occurrence	Acid sulfate soil generally within upper 1m in wet / riparian areas.	2919.2	South

Source: ASRIS Atlas of Australian Sulfate Soils (CSIRO). Acid Sulfate Soils (ASS) are all those soils in which sulfuric acid may be produced, is being produced, or has been produced in amounts that have a lasting effect on main soil characteristics.

1.5 GEOLOGY AND TOPOGRAPHY

Map 1.5 (3000m Buffer)

Geology

Map Sheet	Code	Formation	Age	Group	Dominant Lithology	Description	Distance (m)	Direction
Victoria Geological Units (1:250,000)	Qa2	Unnamed alluvium	From Quaternary (Pleistocene) to Quaternary (Pleistocene)	Null	Sedimentary (Non-Marine (Alluvial))	Fluvial: gravel, sand, silt	0.0	Onsite
Victoria Geological Units (1:250,000)	Qm1	Unnamed swamp and lake deposits	From Quaternary (Holocene) to Quaternary (Holocene)	Null	Sedimentary (Non-Marine (Paludal))	Paludal: lagoon and swamp deposits: silt, clay	0.0	Onsite
Victoria Geological Units (1:250,000)	-Po	Older Volcanic Group	From Palaeogene (Eocene) to Palaeogene (Oligocene)	Null	Igneous (Extrusive)	Extrusive: tholeiitic and minor alkaline basalts	0.0	Onsite
Victoria Geological Units (1:250,000)	Nxh	Haunted Hills Gravel	From Neogene (Miocene) to Neogene (Pliocene)	Null	Sedimentary (Non-Marine (Alluvial))	Fluvial: sand, silt, gravel, ferruginous sand	0.0	Onsite
Victoria Geological Units (1:250,000)	Qa1	Unnamed alluvium	From Quaternary (Holocene) to Quaternary (Holocene)	Null	Sedimentary (Non-Marine (Alluvial))	Fluvial: alluvium, gravel, sand, silt	0.0	Onsite
Victoria Geological Units (1:250,000)	Ksw	Wonthaggi Formation	From Cretaceous (Early Cretaceous) to Cretaceous (Early Cretaceous)	Null	Sedimentary (Non-Marine (Alluvial))	Fluvial: lithic sandstone, siltstone, minor conglomerate, coal	31.5	West
Victoria Geological Units (1:250,000)			From to	Null			640.3	South-east
Victoria Geological Units (1:250,000)	Qd2	Unnamed dune deposits	From Quaternary (Pleistocene) to Quaternary (Pleistocene)	Null	Sedimentary (Non-Marine (Aeolian))	Aeolian: dune deposits: sand, clay, calcareous sand	800.0	South
Victoria Geological Units (1:250,000)	Qdl1	Unnamed coastal dune deposits	From Quaternary (Holocene) to Quaternary (Holocene)	Null	Sedimentary (Marine, Non-Marine (Coastal))	Aeolian: coastal and inland dunes: dune sand, some swamp deposits	1596.9	South
Victoria Geological Units (1:250,000)	Qc1	Unnamed colluvium	From Quaternary (Holocene) to Quaternary (Holocene)	Null	Sedimentary (Non-Marine (Colluvial))	Fluvial: "gully" alluvium, colluvium: gravel, sand, silt	2041.6	West

Naturally Occurring Asbestos Potential (NOA)

Category	On the Property?	Within Buffer?
Not identified	-	-

Topography

Topography (Onsite)	10 - 40 mAHD

Section 2

Hydrogeology and Geotechnical

2.1 GDE & HYDROGEOLOGY CONSTRAINTS

Map 2.1 (3000m Buffer)

Aquifer Type

Type	Distance (m)	Direction
Porous, extensive highly productive aquifers	0.0	Onsite
Fractured or fissured, extensive aquifers of low to moderate productivity	2240.3	North-west

Groundwater Protection Areas

Name	Water Plan Area	Distance (m)	Direction
Yarram	YARRAM WATER SUPPLY PROTECTION AREA - Zone 2	0.0	Onsite

Wetlands

Name	Description	Distance (m)	Direction
Temporary freshwater swamps	Temporary freshwater swamps	0.0	Onsite
Unknown	Unknown	75.9	South
Corner Inlet	Intertidal flats	959.6	South-east
Corner Inlet	Department of Environment, Land, Water & Planning	959.7	South-east
Corner Inlet	Ramsar Wetlands of Australia	1163.0	South-east

Name	Description	Distance (m)	Direction
Temporary freshwater marshes and meadows	Temporary freshwater marshes and meadows	2430.1	South

Groundwater Dependent Ecosystems (GDE) - Aquatic (Surface)

Potential	Distance (m)	Direction
High potential GDE - from national assessment	0.0	Onsite
High potential GDE - from regional studies	77.4	South
Moderate potential GDE - from regional studies	321.6	South
Unclassified potential GDE - from regional studies	816.8	East
Low potential GDE - from regional studies	1861.5	South-east

Aquatic - Ecosystems that rely on the Surface expression of groundwater.

Groundwater Dependent Ecosystems (GDE) - Terrestrial (Subsurface)

Potential	Distance (m)	Direction
High potential GDE - from national assessment	0.0	Onsite
Moderate potential GDE - from national assessment	0.0	Onsite
Low potential GDE - from national assessment	0.0	Onsite

Terrestrial - Ecosystems that rely on the Subsurface expression of groundwater.

Groundwater Licences (Western Australia)

Map ID	WRI number	Allocation (KL)	Address	All Parties	Distance (m)	Direction
Not identified	-	-	-	-	-	-

Groundwater Bores

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
55	300060	Non Groundwater	31/12/1922	90.0	89.9	0.0		0.0	0.0	Onsite
387	45956	Not Known	31/03/1980	43.0	42.8	0.0		0.0	0.0	Onsite
65	45983	Not Known	30/01/1981	37.0	37.2	0.0		0.0	0.0	Onsite
64	45946	Not Known	30/03/1979	86.0	85.7	0.0		0.5	0.0	Onsite
315	300059	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	0.0	Onsite
317	300203	Non Groundwater	02/03/1979	60.0	60.0	0.0		0.0	0.0	Onsite
61	300207	Non Groundwater	30/03/1979	86.0	85.7	0.0		0.0	0.0	Onsite
60	45906	Stock	01/01/1970	4.0	3.6	0.0		0.0	0.0	Onsite
56	300115	Non Groundwater	07/07/1928	67.0	67.4	0.0		0.0	0.0	Onsite
187	300189	Sec Bores (Use Unidentified)	31/12/1961	87.0	86.9	0.0		0.0	0.0	Onsite

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
54	45989	Not Known	19/12/1981	19.0	19.0	0.0		0.0	0.0	Onsite
53	300064	Non Groundwater	31/12/1922	61.0	61.3	0.0		0.0	0.0	Onsite
52	45958	Domestic, Stock	04/01/1982	0.0	0.0	0.0		0.6	0.0	Onsite
303	WRK048837	Irrigation		0.0	0.0	0.0		0.0	0.0	Onsite
50	WRK063369	Stock and Domestic	02/02/2006	15.0	15.0	0.0		0.0	0.0	Onsite
318	300204	Non Groundwater	28/02/1979	61.0	61.0	0.0		0.0	0.0	Onsite
106	45991	Not Known	18/12/1981	9.0	9.0	0.0		0.0	0.0	Onsite
209	45998	Not Known	19/12/1981	13.0	13.0	0.0		0.0	0.0	Onsite
67	300088	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	0.0	Onsite
68	300090	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	0.0	Onsite
69	45941	Not Known	13/05/1977	111.0	111.4	0.0		0.0	0.0	Onsite
70	45905	Stock	01/01/1970	3.0	3.0	0.0		0.0	0.0	Onsite
365	45874	Not Known	26/06/1967	9.0	9.4	0.0		0.0	0.0	Onsite
98	45929	Not Known	20/11/1972	33.0	33.2	0.0	6100 mg/L	0.3	0.0	Onsite
192	45915	Domestic, Stock	01/01/1970	4.0	3.6	0.0		0.0	0.0	Onsite
305	45955	Not Known	25/03/1980	173.0	173.0	0.0		0.0	0.0	Onsite
296	45973	Not Known	11/02/1981	67.0	67.0	0.0		0.0	0.0	Onsite
198	45981	Not Known	16/02/1981	111.0	111.0	0.0		0.0	0.0	Onsite
199	300133	Non Groundwater	31/12/1951	12.0	11.9	0.0		0.0	0.0	Onsite
86	45982	Not Known	31/01/1981	104.0	103.7	0.0		0.0	0.0	Onsite
210	WRK957613	Monitoring	15/10/2000	10.0	10.4	0.0		0.0	0.0	Onsite
200	45993	Not Known	17/12/1981	12.0	12.0	0.0		0.0	0.0	Onsite
307	300202	Non Groundwater	22/02/1979	45.0	45.0	0.0		0.0	0.0	Onsite
308	300042	Non Groundwater	16/03/1918	24.0	24.4	0.0		0.0	0.0	Onsite
310	45987	Not Known	19/12/1981	36.0	36.0	0.0		0.0	0.0	Onsite
76	300067	Non Groundwater	31/12/1922	108.0	107.9	0.0		0.0	0.0	Onsite
252	300041	Non Groundwater	02/03/1918	20.0	19.8	0.0		0.0	0.0	Onsite
360	45875	Not Known	28/06/1967	9.0	9.1	0.0		0.0	0.0	Onsite
313	45961	Irrigation, Stock	12/01/1983	56.0	56.0	0.0		0.0	0.0	Onsite
71	45976	Not Known	21/01/1981	81.0	81.0	0.0		0.0	0.0	Onsite
186	300035	Non Groundwater	18/02/1918	113.0	113.1	0.0		0.0	0.0	Onsite

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
211	WRK957612	Monitoring	01/04/2001	4.0	3.6	0.0		0.0	0.0	Onsite
51	46001	Stock	05/02/1987	27.0	27.0	0.0		0.7	0.0	Onsite
302	WRK048836	Irrigation		0.0	0.0	0.0		0.0	0.0	Onsite
407	300215	Sec Bores (Use Unidentified)	05/01/1982	256.0	256.0	0.0		0.0	0.0	Onsite
408	45916	Not Known	01/01/1970	100.0	100.0	0.0		0.0	0.0	Onsite
412	WRK038064	Stock and Domestic	31/12/1970	20.0	19.8	0.0		0.0	0.0	Onsite
415	45917	Domestic, Stock	01/01/1970	0.0	0.0	0.0		0.0	0.0	Onsite
273	300061	Non Groundwater	31/12/1922	12.0	12.2	0.0		0.0	0.0	Onsite
213	WRK957539	Monitoring	15/06/2000	5.0	4.8	0.0		0.0	0.0	Onsite
417	300094	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	0.0	Onsite
422	WRK048840	Irrigation	07/12/1982	253.0	253.0	0.0		0.0	0.0	Onsite
424	300214	Sec Bores (Use Unidentified)	29/10/1981	118.0	118.1	0.0		0.0	0.0	Onsite
430	WRK957609	Monitoring	01/06/2001	23.0	23.2	0.0		0.0	0.0	Onsite
238	WRK973020	Stock and Domestic	25/03/2006	70.0	70.0	0.0		0.0	0.0	Onsite
431	WRK957607	Monitoring	01/11/2000	6.0	5.8	0.0		0.0	0.0	Onsite
432	WRK957608	Monitoring	01/02/2001	9.0	9.5	0.0		0.0	0.0	Onsite
433	WRK048844	Stock and Domestic	24/01/1983	104.0	104.0	0.0		0.0	0.0	Onsite
434	WRK983735	Unknown		150.0	150.0	0.0		0.0	0.0	Onsite
436	300096	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	0.0	Onsite
107	300167	Non Groundwater	22/08/1951	108.0	107.6	0.0		0.0	0.0	Onsite
403	45931	Irrigation, Stock	08/01/1973	45.0	44.8	0.0		8.7	0.0	Onsite
339	45986	Not Known	19/12/1981	15.0	15.0	0.0		0.0	0.0	Onsite
402	300093	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	0.0	Onsite
349	WRK048845	Irrigation	31/05/1987	91.0	91.4	0.0		31.6	0.0	Onsite
281	300211	Non Groundwater	31/03/1980	43.0	42.8	0.0		0.0	0.0	Onsite
215	45996	Not Known	15/12/1981	13.0	13.0	0.0		0.0	0.0	Onsite
217	WRK957540	Monitoring	28/04/2000	4.0	3.7	0.0		0.0	0.0	Onsite
354	300037	Non Groundwater	07/02/1918	37.0	36.6	0.0		0.0	0.0	Onsite
219	300040	Non Groundwater	27/02/1918	12.0	11.9	0.0		0.0	0.0	Onsite
221	300120	Sec Bores (Use Unidentified)	02/09/1943	58.0	57.9	0.0		0.0	0.0	Onsite

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
324	300100	Non Groundwater	31/12/1922	60.0	60.4	0.0		0.0	0.0	Onsite
351	45866	Not Known	04/05/1977	84.0	84.0	0.0		0.0	0.0	Onsite
348	45940	Not Known	04/05/1977	84.0	84.0	0.0		25.0	0.0	Onsite
391	WRK048829	Irrigation	12/02/2004	106.0	105.9	0.0		40.0	0.0	Onsite
227	45864	Not Known	20/03/1977	97.0	97.0	0.0		0.0	0.0	Onsite
393	45934	Irrigation	17/12/1974	29.0	29.0	0.0		12.1	0.0	Onsite
253	300116	Non Groundwater	01/02/1930	34.0	33.5	0.0		0.0	0.0	Onsite
243	45997	Not Known	14/12/1981	6.0	6.0	0.0		0.0	0.0	Onsite
396	45902	Stock	01/01/1970	19.0	19.2	0.0		0.0	0.0	Onsite
255	300101	Non Groundwater	31/12/1922	114.0	113.7	0.0		0.0	0.0	Onsite
398	45890	Not Known	21/11/1966	27.0	26.5	0.0		0.0	0.0	Onsite
392	300210	Non Groundwater	25/03/1980	173.0	173.0	0.0		0.0	0.0	Onsite
143	300031	Non Groundwater	17/01/1918	92.0	92.0	0.0		0.0	0.0	Onsite
58	300026	Non Groundwater	07/10/1912	564.0	563.9	0.0		0.0	8.9	North-west
386	300111	Non Groundwater	31/12/1922	63.0	62.8	0.0		0.0	9.0	West
291	119518	Stock	28/08/1993	86.0	86.0	0.0		5.0	9.7	South
292	123652	Domestic	18/04/1994	66.0	66.0	0.0		1.3	9.7	South
59	300190	Sec Bores (Use Unidentified)	31/12/1961	74.0	73.8	0.0		0.0	13.0	North-west
378	WRK957603	Monitoring	01/03/2001	19.0	19.4	0.0		0.0	13.7	West
379	WRK957601	Monitoring	01/07/2001	5.0	5.3	0.0		0.0	13.7	West
377	WRK957602	Monitoring	01/01/2001	10.0	9.8	0.0		0.0	13.7	West
188	300113	Non Groundwater	06/06/1928	87.0	86.9	0.0		0.0	14.1	South
96	300188	Non Groundwater	02/05/1952	117.0	117.3	0.0		0.0	17.6	South
375	45899	Domestic, Stock	31/12/1956	43.0	43.2	0.0		0.0	22.2	West
374	300110	Non Groundwater	31/12/1922	43.0	42.7	0.0		0.0	25.5	West
196	300029	Non Groundwater	15/07/1917	21.0	20.7	0.0		0.0	26.0	North-west
57	300197	Non Groundwater	19/02/1979	24.0	24.0	0.0		0.0	26.2	North-west
397	45908	Stock	01/01/1970	23.0	22.8	0.0		0.0	26.5	South
450	300208	Non Groundwater	21/08/1980	179.0	179.1	0.0		0.0	26.5	South-east
366	300039	Non Groundwater	22/02/1918	18.0	17.7	0.0		0.0	27.3	West
343	300034	Non Groundwater	19/01/1918	31.0	31.1	0.0		0.0	28.2	North-west

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
130	300196	Non Groundwater	19/02/1979	24.0	24.0	0.0		0.0	30.2	South
369	300049	Non Groundwater	31/12/1922	24.0	24.4	0.0		0.0	30.3	West
373	300050	Non Groundwater	31/12/1922	19.0	18.9	0.0		0.0	31.8	West
380	300051	Non Groundwater	31/12/1922	31.0	30.8	0.0		0.0	31.8	West
94	300030	Non Groundwater	20/12/1917	21.0	20.7	0.0		0.0	35.2	North
321	300027	Non Groundwater	26/05/1917	60.0	60.4	0.0		0.0	35.8	North-west
346	300044	Non Groundwater	22/03/1918	27.0	27.4	0.0		0.0	37.1	East
75	300143	Non Groundwater	17/05/1951	62.0	62.2	0.0		0.0	38.3	East
358	300033	Non Groundwater	19/01/1918	33.0	32.9	0.0		0.0	41.9	North
73	300114	Non Groundwater	21/06/1928	63.0	63.4	0.0		0.0	45.8	East
146	300112	Non Groundwater	10/05/1928	66.0	66.4	0.0		0.0	46.8	East
79	45995	Not Known	16/12/1981	8.0	8.0	0.0		0.0	47.4	West
74	300070	Non Groundwater	31/12/1922	91.0	90.8	0.0		0.0	48.0	East
312	45876	Not Known	24/05/1967	11.0	11.3	0.0		0.0	48.7	North-west
72	300075	Non Groundwater	31/12/1922	61.0	60.7	0.0		0.0	50.8	East
129	300193	Sec Bores (Use Unidentified)	30/06/1978	71.0	71.0	0.0		0.0	50.9	South
390	300038	Non Groundwater	18/02/1918	32.0	32.0	0.0		0.0	54.7	North
332	45891	Domestic	30/04/1968	66.0	65.5	0.0		0.0	57.9	North-west
149	300032	Non Groundwater	12/01/1918	27.0	27.4	0.0		0.0	58.5	North-east
371	46011	Stock	01/01/1988	41.0	41.4	0.0		0.0	58.9	West
185	300132	Non Groundwater	17/04/1951	65.0	65.2	0.0		0.0	59.4	West
184	300123	Non Groundwater	31/12/1951	99.0	99.1	0.0		0.0	59.4	West
127	300163	Non Groundwater	25/07/1951	75.0	75.0	0.0		0.0	59.7	South-east
205	300146	Non Groundwater	31/05/1951	85.0	84.7	0.0		0.0	61.7	South
195	300135	Non Groundwater	10/05/1951	92.0	92.0	0.0		0.0	62.2	South
271	300165	Non Groundwater	31/12/1951	119.0	119.2	0.0		0.0	62.9	South
257	300156	Non Groundwater	31/12/1951	92.0	91.7	0.0		0.0	64.8	South
372	WRK048843	Irrigation	27/03/1983	48.0	47.5	0.0		13.0	64.8	West
399	300052	Non Groundwater	31/12/1922	31.0	30.8	0.0		0.0	66.0	North
226	300153	Non Groundwater	13/06/1951	73.0	73.2	0.0		0.0	67.0	South
80	45867	Not Known	13/05/1977	111.0	111.4	0.0		0.0	67.1	South

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
108	300187	Non Groundwater	31/12/1952	105.0	104.9	0.0		0.0	67.1	South-west
218	300138	Non Groundwater	04/05/1951	90.0	89.6	0.0		0.0	67.2	South
191	300206	Non Groundwater	25/03/1979	78.0	78.4	0.0		0.0	68.1	South
353	45992	Not Known	16/12/1981	98.0	97.8	0.0		0.0	68.8	South
304	45925	Stock	07/05/1972	14.0	13.7	0.0	809 mg/L	0.4	69.5	North-west
241	300154	Non Groundwater	28/06/1951	85.0	84.7	0.0		0.0	69.6	South
207	45948	Not Known	20/03/1979	104.0	104.0	0.0		0.5	72.1	South
323	45863	Not Known	15/03/1977	216.0	216.5	0.0		0.0	73.3	South
370	46008	Domestic, Stock	01/01/1988	43.0	42.7	0.0		6.3	78.8	West
190	300205	Non Groundwater	20/03/1979	104.0	104.0	0.0		0.0	79.5	South
341	WRK048841	Irrigation	23/11/1982	92.0	91.9	0.0		5.7	85.6	North-west
181	300124	Non Groundwater	09/02/1951	88.0	88.4	0.0		0.0	85.7	South-west
208	45974	Not Known	04/02/1981	103.0	103.2	0.0		0.0	88.8	South
49	330960	Non Groundwater	13/12/1917	123.0	122.8	0.0		0.0	89.9	West
401	WRK048799	Irrigation	02/11/1997	49.0	49.0	0.0		0.0	92.9	South-west
388	45877	Not Known	28/03/1967	161.0	160.9	0.0	339 mg/L	0.0	99.2	South
232	46000	Stock	02/12/1982	49.0	48.7	0.0		1.8	102.1	North
361	45928	Stock	16/01/1973	26.0	26.2	0.0	565 mg/L	0.3	112.1	West
236	45942	Not Known	18/05/1977	117.0	117.0	0.0		0.0	112.6	East
88	300158	Non Groundwater	21/06/1951	104.0	104.5	0.0		0.0	124.3	South
117	300186	Non Groundwater	18/04/1952	72.0	71.6	0.0		0.0	126.2	South
359	45938	Domestic	07/03/1977	10.0	10.0	0.0		0.4	128.7	South-west
367	WRK038065	Stock and Domestic	02/05/1973	53.0	53.3	0.0	535 mg/L	22.7	133.4	West
356	46006	Domestic	20/01/1986	43.0	43.0	0.0		1.0	153.3	West
233	45936	Stock	25/02/1975	70.0	70.0	0.0		0.0	156.9	North-east
368	WRK048764	Irrigation	03/03/1993	164.0	164.5	0.0		37.5	169.1	South-east
330	45869	Not Known	03/07/1953	211.0	210.9	0.0		0.0	169.3	South
259	300102	Non Groundwater	31/12/1922	60.0	60.0	0.0		0.0	172.1	North
297	300097	Non Groundwater	31/12/1922	157.0	157.3	0.0		0.0	172.5	South
125	300162	Non Groundwater	17/07/1951	60.0	60.4	0.0		0.0	174.7	South
357	45966	Domestic, Stock	10/12/1982	7.0	7.0	0.0		0.3	176.9	West

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
376	45922	Domestic, Stock	27/03/1971	66.0	66.1	0.0		0.6	178.9	West
416	300194	Non Groundwater	12/11/1978	8.0	8.4	0.0		0.0	184.7	South
340	45944	Domestic, Stock	03/02/1978	98.0	98.0	0.0		1.5	186.3	North-west
240	45868	Not Known	19/05/1977	120.0	120.4	0.0		0.0	188.7	East
81	300142	Non Groundwater	15/05/1951	22.0	21.6	0.0		0.0	205.0	East
63	45990	Not Known	18/12/1981	11.0	11.0	0.0		0.0	206.0	North
83	300144	Non Groundwater	22/05/1951	59.0	59.1	0.0		0.0	211.8	East
362	45960	Domestic, Stock	09/07/1984	13.0	13.0	0.0		0.8	212.3	South
100	300157	Non Groundwater	15/06/1951	101.0	101.2	0.0		0.0	218.2	South
112	300151	Non Groundwater	07/06/1951	102.0	102.4	0.0		0.0	227.0	South
157	300212	Non Groundwater	08/04/1980	82.0	82.5	0.0		0.0	227.7	East
145	300129	Non Groundwater	28/03/1951	34.0	33.5	0.0		0.0	230.5	South-east
48	102564	Not Known	19/12/1981	13.0	13.0	0.0		0.0	237.0	West
165	300164	Non Groundwater	02/08/1951	86.0	85.6	0.0		0.0	240.0	South
363	300036	Non Groundwater	31/01/1918	27.0	26.8	0.0		0.0	268.4	South
116	300159	Non Groundwater	28/06/1951	56.0	56.1	0.0		0.0	273.0	South
170	300122	Non Groundwater	15/12/1950	12.0	11.6	0.0		0.0	278.2	West
168	300198	Non Groundwater	21/02/1979	18.0	18.0	0.0		0.0	281.1	South
39	102565	Not Known	04/02/1981	76.0	76.2	0.0		0.0	287.3	West
155	45994	Not Known	16/12/1981	17.0	17.0	0.0		0.0	292.6	North-east
355	45970	Not Known	18/01/1983	50.0	50.0	0.0		12.5	296.9	West
275	45977	Not Known	18/02/1981	64.0	64.5	0.0		0.0	299.3	North-west
274	45978	Not Known	02/02/1981	43.0	43.3	0.0		0.0	299.3	North-west
201	300201	Non Groundwater	22/02/1979	35.0	35.0	0.0		0.0	300.0	South
95	300182	Non Groundwater	20/03/1952	88.0	87.8	0.0		0.0	303.1	South
203	300141	Non Groundwater	14/05/1951	58.0	57.6	0.0		0.0	303.6	South
443	141822	Stock	27/09/1998	36.0	36.0	0.0		2.5	310.3	South-east
193	300145	Non Groundwater	17/05/1951	50.0	50.0	0.0		0.0	315.0	South
123	300137	Non Groundwater	08/04/1952	56.0	55.8	0.0		0.0	318.7	South
246	45872	Not Known	31/12/1957	29.0	29.3	0.0	564 mg/L	0.0	321.5	North-east
224	300147	Non Groundwater	17/05/1951	49.0	48.8	0.0		0.0	322.6	South

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46	330978	Non Groundwater	04/03/1978	78.0	78.0	0.0		0.0	327.2	West
45	102555	Not Known	04/03/1978	78.0	78.0	0.0		1.7	329.3	West
261	142035	Stock	22/09/1999	65.0	65.0	0.0		2.5	332.0	East
36	102562	Not Known	14/12/1981	17.0	17.0	0.0		0.0	336.8	West
43	330979	Non Groundwater	14/02/1978	78.0	78.0	0.0		0.0	339.0	West
42	102556	Not Known	14/02/1978	78.0	78.0	0.0		0.0	341.2	West
136	300121	Sec Bores (Use Unidentified)	10/09/1943	57.0	56.7	0.0		0.0	346.3	South-east
453	WRK048759	Irrigation	17/07/1992	262.0	262.0	0.0		0.0	353.9	North-east
90	300181	Non Groundwater	14/03/1952	108.0	107.9	0.0		0.0	360.6	East
105	300183	Non Groundwater	25/03/1952	74.0	74.1	0.0		0.0	365.4	South
293	300166	Non Groundwater	18/10/1951	191.0	190.8	0.0		0.0	365.7	South
239	300148	Non Groundwater	23/05/1951	64.0	64.0	0.0		0.0	366.1	South
268	300155	Non Groundwater	27/07/1951	111.0	110.9	0.0		0.0	367.5	South
216	300134	Non Groundwater	31/12/1951	43.0	43.3	0.0		0.0	367.7	South
385	WRK048835	Stock and Domestic	30/01/1979	160.0	159.7	0.0		10.1	368.0	East
40	330980	Non Groundwater	08/04/1978	78.0	78.0	0.0		0.0	370.2	West
41	102557	Not Known	08/04/1981	78.0	78.0	0.0		1.4	372.3	West
254	300152	Non Groundwater	04/06/1951	76.0	76.2	0.0		0.0	373.3	South
260	300103	Non Groundwater	31/12/1922	86.0	86.3	0.0		0.0	375.2	North-east
161	300128	Non Groundwater	19/03/1951	59.0	58.8	0.0		0.0	375.4	West
256	300091	Non Groundwater	31/12/1922	86.0	86.3	0.0		0.0	376.7	South
177	300125	Non Groundwater	31/12/1951	49.0	48.8	0.0		0.0	378.0	South
133	300160	Non Groundwater	10/07/1951	72.0	72.2	0.0		0.0	382.2	South-east
158	300127	Non Groundwater	08/03/1951	84.0	84.4	0.0		0.0	384.4	West
452	45943	Domestic, Stock	28/04/1978	16.0	16.0	0.0		3.8	389.3	North-east
352	45947	Stock	31/01/1979	11.0	10.6	0.0		0.9	399.0	North
389	45909	Stock	01/01/1970	21.0	20.7	0.0		0.0	399.2	East
364	45937	Stock	03/01/1976	20.0	20.0	0.0		1.0	405.1	South
319	45985	Not Known	13/12/1981	7.0	7.0	0.0		0.0	417.1	North-west
451	45962	Irrigation	28/06/1983	229.0	229.3	1.3		0.0	421.3	South-east
115	300184	Non Groundwater	01/04/1952	93.0	93.3	0.0		0.0	421.3	South

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347	WRK048842	Stock and Domestic	03/11/1982	52.0	52.0	0.0		25.3	421.8	West
306	45895	Not Known	31/12/1969	122.0	121.9	0.0	455 mg/L	0.0	429.7	South
454	145933	Domestic And Stock	05/12/2001	37.0	37.0	0.0		0.0	437.5	South-east
32	102563	Not Known	25/03/1982	198.0	198.0	0.0		0.0	450.1	West
38	330976	Non Groundwater	19/03/1978	70.0	70.0	0.0		0.0	452.0	West
37	102554	Not Known	19/03/1978	70.0	70.0	0.0		1.1	454.1	West
44	102566	Not Known	29/01/1981	53.0	53.3	0.0		0.0	455.2	West
445	WRK048839	Irrigation		0.0	0.0	0.0		0.0	461.4	South-east
122	300161	Non Groundwater	03/07/1951	98.0	97.8	0.0		0.0	467.7	South
278	300095	Non Groundwater	31/12/1922	152.0	152.4	0.0		0.0	467.8	South
249	45988	Not Known	19/12/1981	12.0	12.0	0.0		0.0	469.1	South
444	WRK048838	Irrigation		0.0	0.0	0.0		0.0	470.1	South-east
154	45858	Not Known	22/01/1977	89.0	89.0	0.0		0.0	477.5	West
144	300130	Non Groundwater	04/04/1951	73.0	73.2	0.0		0.0	488.2	South-east
101	45984	Not Known	01/12/1981	100.0	99.6	0.0		0.0	490.2	South
89	300220	Non Groundwater	29/05/1957	1223.0	1223.0	0.0		0.0	500.2	East
223	300089	Non Groundwater	31/12/1922	72.0	72.2	0.0		0.0	501.9	South
99	300149	Non Groundwater	25/05/1951	85.0	85.0	0.0		0.0	503.3	South
202	300087	Non Groundwater	31/12/1922	74.0	74.1	0.0		0.0	505.0	South
182	300057	Non Groundwater	31/12/1922	11.0	10.7	0.0		0.0	506.3	South
97	300140	Non Groundwater	10/05/1951	33.0	32.9	0.0		0.0	507.9	East
174	45975	Not Known	02/02/1981	60.0	59.5	0.0		0.0	514.2	South
234	45953	Groundwater Investigation	25/02/1980	79.0	79.0	0.0		0.4	514.3	South
131	300185	Non Groundwater	04/04/1952	90.0	90.5	0.0		0.0	515.8	South
151	300199	Non Groundwater	21/02/1979	18.0	18.0	0.0		0.0	518.0	South-east
288	300058	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	522.5	South
111	300150	Non Groundwater	30/05/1951	76.0	76.2	0.0		0.0	523.6	South
156	300126	Non Groundwater	28/02/1951	49.0	49.1	0.0		0.0	525.5	South-west
283	WRK048756	Irrigation	08/12/1992	221.0	221.0	0.0		55.0	539.3	South
284	114844	Irrigation	12/11/1993	200.0	200.0	0.0		0.0	539.3	South
34	330977	Non Groundwater	12/03/1978	78.0	78.0	0.0		0.0	540.6	West

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282	WRK987298	Unknown		220.0	220.0	0.0		0.0	540.9	South
33	102553	Not Known	12/03/1978	78.0	78.0	0.0		1.0	542.8	West
166	300085	Non Groundwater	31/12/1922	56.0	55.8	0.0		0.0	549.4	South-west
344	46002	Not Known	25/03/1981	78.0	78.4	0.0		0.2	551.7	West
258	300084	Non Groundwater	31/12/1922	23.0	23.2	0.0		0.0	557.5	South
235	300062	Non Groundwater	31/12/1922	21.0	21.3	0.0		0.0	573.2	South
350	300109	Non Groundwater	31/12/1922	47.0	46.6	0.0		0.0	591.4	West
342	WRK038063	Stock and Domestic	31/12/1970	12.0	12.0	0.0		0.0	595.7	West
183	300117	Non Groundwater	15/03/1930	6.0	5.5	0.0		0.0	599.3	South
237	300209	Non Groundwater	24/02/1980	79.0	79.0	0.0		0.0	606.8	South
121	300136	Non Groundwater	24/04/1951	68.0	68.3	0.0		0.0	611.4	South
162	300173	Non Groundwater	07/02/1952	23.0	22.6	0.0		0.0	641.0	South-west
262	45999	Not Known	08/04/1980	82.0	82.5	0.0		0.0	642.5	East
420	113134	Stock	02/05/1992	26.0	26.0	0.0		1.8	651.8	South
93	300066	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	652.4	East
102	300180	Non Groundwater	07/03/1952	95.0	94.8	0.0		0.0	661.3	South
30	102540	Not Known	31/01/1968	0.0	0.0	0.0		0.0	663.5	South-west
172	300172	Non Groundwater	05/02/1952	17.0	17.4	0.0		0.0	667.5	South
395	45882	Not Known	22/03/1966	18.0	18.0	0.0		0.0	670.9	East
47	300092	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	685.7	South
421	300213	Sec Bores (Use Unidentified)	18/01/1981	207.0	207.3	0.0		0.0	692.8	South
160	300171	Non Groundwater	30/01/1952	24.0	24.4	0.0		0.0	702.2	South-west
103	300079	Non Groundwater	31/12/1922	75.0	75.3	0.0		0.0	706.7	East
113	300179	Non Groundwater	28/02/1952	74.0	73.8	0.0		0.0	708.5	South
251	45881	Not Known	14/10/1965	29.0	29.3	0.0		0.0	722.0	North-east
140	300131	Non Groundwater	11/04/1951	60.0	60.4	0.0		0.0	727.7	South
457	WRK957606	Monitoring	01/10/2001	18.0	17.9	0.0		0.0	742.0	South-east
456	WRK957604	Monitoring	01/11/2000	5.0	4.7	0.0		0.0	742.0	South-east
455	WRK957605	Monitoring	15/09/2000	10.0	10.5	0.0		0.0	742.0	South-east
148	300071	Non Groundwater	31/12/1922	12.0	11.6	0.0		0.0	750.5	South-west
119	300178	Non Groundwater	27/02/1952	70.0	70.1	0.0		0.0	750.9	South

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265	300104	Non Groundwater	31/12/1922	109.0	108.8	0.0		0.0	758.1	North-east
152	300170	Non Groundwater	24/01/1952	38.0	37.5	0.0		0.0	765.1	South-west
381	45949	Not Known	23/02/1979	45.0	45.0	0.0		0.0	783.5	East
35	102569	Not Known	19/12/1981	13.0	13.0	0.0		0.0	785.4	North-west
383	45951	Not Known	28/02/1979	61.0	61.0	0.0		1.9	792.2	East
382	45952	Not Known	23/02/1979	45.0	45.0	0.0		1.2	792.2	East
269	300105	Non Groundwater	31/12/1922	83.0	83.2	0.0		0.0	793.1	East
384	45950	Not Known	02/03/1979	60.0	60.0	0.0		2.2	795.1	East
410	45920	Stock	01/01/1970	0.0	0.0	0.0		0.0	799.6	South
229	120318	Irrigation	10/10/1992	211.0	211.1	0.0		15.0	801.0	South
128	300176	Non Groundwater	20/02/1952	67.0	67.1	0.0		0.0	807.4	South
126	300081	Non Groundwater	31/12/1922	67.0	67.4	0.0		0.0	810.8	South
429	108146	Stock	15/07/1985	40.0	40.0	0.0		0.5	812.7	North-east
109	300139	Non Groundwater	03/05/1951	31.0	31.4	0.0		0.0	813.5	East
345	45907	Stock	01/01/1970	36.0	36.5	0.0		0.0	824.6	West
285	WRK038069	Irrigation	02/06/1989	211.0	211.1	0.0		44.1	835.4	South
194	45860	Not Known	01/02/1977	44.0	44.0	0.0		0.0	839.6	South
147	300169	Non Groundwater	18/12/1951	44.0	44.2	0.0		0.0	847.8	South-west
138	300174	Non Groundwater	12/02/1952	60.0	59.7	0.0		0.0	857.1	South-west
104	300080	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	859.7	East
338	45957	Stock	13/04/1980	10.0	10.4	0.0		0.6	881.7	West
178	300063	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	892.4	South
118	300177	Non Groundwater	22/02/1952	57.0	57.3	0.0		0.0	898.8	South
437	333972	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	902.2	North-east
137	300175	Non Groundwater	15/02/1952	51.0	50.9	0.0		0.0	902.9	South-west
438	376417	Unknown		0.0	30.5	0.0		0.0	905.9	North-east
439	333984	Non Groundwater	16/07/1980	160.0	160.2	0.0		0.0	911.2	North-east
222	300119	Non Groundwater	31/12/1930	29.0	29.3	0.0		0.0	911.5	South
440	376429	Unknown		0.0	160.2	0.0		0.0	912.3	North-east
280	300106	Non Groundwater	31/12/1922	56.0	56.4	0.0		0.0	918.0	East
326	45967	Stock	05/12/1982	15.0	15.0	0.0		1.3	921.5	West

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
277	45979	Not Known	09/02/1981	39.0	39.0	0.0		0.0	946.7	East
427	WRK984612	Unknown		50.0	50.0	0.0		0.0	950.5	South
426	WRK975449	Unknown		50.0	50.0	0.0		0.0	950.5	South
250	45926	Domestic, Stock	30/08/1972	18.0	18.3	0.0	1325 mg/L	1.3	950.8	North
135	300168	Non Groundwater	13/12/1951	48.0	48.2	0.0		0.0	953.4	South-west
418	WRK967504	Unknown		60.0	60.0	0.0		0.0	954.6	North-east
245	300099	Non Groundwater	31/12/1922	110.0	110.0	0.0		0.0	968.2	South
461	46012	Domestic And Stock	14/01/1991	51.0	51.0	0.0		0.6	972.5	East
231	300083	Non Groundwater	31/12/1922	23.0	22.6	0.0		0.0	972.7	South
225	45980	Not Known	05/02/1981	34.0	34.3	0.0		0.0	994.6	South
31	102573	Stock	01/01/1988	5.0	5.4	0.0		0.0	999.0	South-west
419	123289	Domestic, Stock	11/01/1995	24.0	23.8	0.0		1.0	999.9	South
244	45903	Domestic, Stock	01/01/1970	18.0	18.2	0.0		0.0	1002.2	North
334	45933	Stock	31/08/1974	143.0	143.3	0.0		0.0	1006.7	West
463	300219	Sec Bores (Use Unidentified)	29/08/1982	355.0	355.0	0.0		0.0	1026.5	East
263	45889	Not Known	18/07/1966	58.0	57.9	0.0		0.0	1027.5	North-east
124	300118	Non Groundwater	27/02/1930	22.0	21.6	0.0		0.0	1039.0	South
266	300047	Non Groundwater	31/12/1918	26.0	25.6	0.0		0.0	1055.1	North-east
287	WRK965922	Unknown		60.0	60.0	0.0		0.0	1056.5	East
394	45865	Not Known	02/04/1977	287.0	287.0	0.0		0.0	1062.8	East
333	45954	Stock	11/04/1980	10.0	10.4	0.0		0.6	1072.8	West
279	WRK985452	Stock and Domestic	23/04/2008	47.0	47.0	0.0		0.0	1088.6	North-east
264	45904	Not Known	01/01/1970	43.0	42.6	0.0		0.0	1093.3	North-east
28	102572	Domestic, Stock	01/01/1988	95.0	95.0	0.0		0.0	1112.3	South-west
464	WRK975664	Stock and Domestic	01/11/2006	50.0	50.0	0.0		0.0	1115.9	East
270	WRK048803	Irrigation	15/01/1998	248.0	248.0	0.0		60.0	1116.5	South
26	102531	Not Known	29/05/1977	188.0	188.0	0.0		0.0	1152.3	South-west
27	102558	Not Known	30/05/1977	188.0	188.0	0.0		0.0	1152.3	South-west
289	300107	Non Groundwater	31/12/1922	53.0	53.0	0.0		0.0	1165.4	North-east
329	45871	Domestic	31/12/1963	14.0	14.0	0.0		0.0	1179.7	West
153	300098	Non Groundwater	31/12/1922	24.0	24.4	0.0		0.0	1179.9	South-west

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
411	WRK964499	Unknown		100.0	100.0	0.0		0.0	1195.8	South
314	45892	Domestic, Stock	30/04/1968	18.0	18.2	0.0		0.0	1214.3	West
327	300108	Non Groundwater	31/12/1922	63.0	63.4	0.0		0.0	1224.9	West
328	132480	Stock	05/06/1997	55.0	55.0	0.0		120.0	1228.9	West
325	45893	Domestic, Stock	28/10/1968	63.0	63.3	0.0		0.0	1229.4	West
24	102548	Stock	01/01/1970	188.0	188.0	0.0		0.0	1242.9	South-west
29	102545	Domestic, Stock	31/12/1970	95.0	95.0	0.0		0.0	1247.8	South-west
142	300073	Non Groundwater	31/12/1922	23.0	22.9	0.0		0.0	1255.0	South-west
114	300078	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	1257.0	East
120	300074	Non Groundwater	31/12/1922	15.0	14.6	0.0		0.0	1268.2	East
331	45939	Stock	02/03/1977	241.0	241.0	0.0		3.4	1272.1	South
22	102567	Not Known	30/01/1981	95.0	94.6	0.0		0.0	1282.8	West
175	300054	Non Groundwater	31/12/1922	12.0	11.6	0.0		0.0	1285.2	South
460	300217	Sec Bores (Use Unidentified)	16/03/1982	246.0	246.0	0.0		0.0	1297.5	South-east
267	45888	Stock	22/06/1966	10.0	10.0	0.0		0.0	1305.7	North-east
425	45918	Domestic, Stock	01/01/1970	0.0	0.0	0.0		0.0	1311.6	South
23	102559	Not Known	05/05/1979	85.0	85.0	0.0		0.0	1326.6	South-west
62	45885	Not Known	18/08/1966	8.0	7.9	0.0		0.0	1328.1	South
272	300048	Non Groundwater	14/05/1918	62.0	61.6	0.0		0.0	1330.5	South
465	WRK048823	Stock and Domestic	05/10/2000	150.0	149.5	0.0		11.8	1351.7	East
320	WRK048834	Stock and Domestic	04/11/1974	70.0	69.5	0.0		5.1	1359.9	West
25	102539	Not Known	06/12/1958	126.0	125.6	0.0	420 mg/L	44.2	1362.1	South-west
20	330959	Non Groundwater	08/11/1917	108.0	108.2	0.0		0.0	1376.0	South-west
17	330975	Sec Bores (Use Unidentified)	14/06/1978	83.0	83.0	0.0		0.0	1394.1	West
18	102532	Not Known	27/04/1977	210.0	210.0	0.0		0.0	1396.1	West
19	102552	Not Known	27/04/1977	210.0	210.0	0.0		0.0	1396.1	West
66	WRK038067	Stock and Domestic	17/01/1983	170.0	170.0	0.0		15.8	1398.8	South
276	45873	Not Known	31/12/1966	58.0	57.9	0.0	1400 mg/L	6.3	1422.7	North-east
290	143596	Miscellaneous, Not Known	23/10/2000	48.0	48.0	0.0		2.5	1431.0	North-east
171	300200	Non Groundwater	21/02/1979	31.0	31.0	0.0		0.0	1439.1	South

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
141	300072	Non Groundwater	31/12/1922	16.0	15.5	0.0		0.0	1439.6	South-west
428	45919	Domestic, Stock	01/01/1970	0.0	0.0	0.0		0.0	1446.8	South
230	300069	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	1473.8	South
92	WRK032060	Stock and Domestic	05/04/1994	178.0	178.0	0.0		2.2	1491.4	South-east
458	300023	Sec Bores (Use Unidentified)	08/03/1983	263.0	263.0	0.0		0.0	1491.5	North-east
214	300045	Non Groundwater	15/04/1918	116.0	115.8	0.0		0.0	1495.5	South
173	300043	Non Groundwater	14/03/1918	21.0	20.7	0.0		0.0	1497.9	South
197	300082	Non Groundwater	31/12/1922	20.0	19.8	0.0		0.0	1505.3	South
298	45862	Not Known	02/03/1977	252.0	252.4	0.0		0.0	1507.8	South
159	300055	Non Groundwater	31/12/1922	23.0	23.2	0.0		0.0	1532.7	South
220	45859	Industrial, Not Known	24/08/1996	196.0	196.0	0.0		0.0	1533.9	South
301	WRK986270	Stock and Domestic	01/10/2008	65.0	65.0	0.0		0.0	1537.2	West
413	135101	Domestic	27/05/1998	25.0	25.0	0.0		1.2	1546.5	South
87	WRK038066	Stock and Domestic	13/12/1973	36.0	35.7	0.0		1.3	1554.0	South-east
466	300016	Sec Bores (Use Unidentified)	08/01/1981	225.0	225.3	0.0		0.0	1558.4	East
134	300076	Non Groundwater	31/12/1922	30.0	29.6	0.0		0.0	1564.4	East
132	300065	Non Groundwater	31/12/1922	12.0	12.5	0.0		0.0	1566.5	East
242	45894	Not Known	31/12/1969	49.0	48.8	0.0	817 mg/L	0.0	1569.6	South
139	300056	Non Groundwater	31/12/1922	24.0	23.5	0.0		0.0	1570.3	East
469	45826	Not Known	30/04/1968	10.0	10.4	0.0		0.0	1576.2	East
300	45897	Domestic, Stock	31/12/1970	8.0	8.5	0.0		0.0	1599.1	West
84	300218	Sec Bores (Use Unidentified)	19/05/1982	166.0	165.8	0.0		0.0	1610.6	South
212	45924	Domestic, Stock	16/10/1971	33.0	32.9	0.0	578 mg/L	0.8	1637.6	South
206	45923	Not Known	12/04/1971	85.0	85.3	0.0		0.0	1639.3	South
12	WRK957516	Monitoring	01/10/1994	8.0	8.3	0.0		0.0	1650.9	West
14	WRK957518	Monitoring	01/02/1995	3.0	2.7	0.0		0.0	1650.9	West
13	WRK957517	Monitoring	01/02/1995	3.0	2.8	0.0		0.0	1650.9	West
295	300046	Non Groundwater	31/12/1918	31.0	30.8	0.0		0.0	1657.1	West
335	WRK978978	Stock and Domestic	01/03/2007	100.0	100.0	0.0		0.0	1667.4	North-west
15	102574	Stock	01/01/1988	0.0	0.0	0.0		0.0	1672.7	West

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
294	46003	Domestic, Stock	11/06/1987	62.0	61.9	0.0		1.3	1674.6	West
16	330956	Non Groundwater	07/06/1902	641.0	640.7	0.0		0.0	1685.0	West
169	300053	Non Groundwater	31/12/1922	33.0	32.9	0.0		0.0	1685.1	South
311	45912	Stock	01/01/1970	4.0	3.6	0.0		0.0	1705.7	South
467	138158	Stock	01/01/1960	0.0	0.0	0.0		0.0	1748.3	North-east
11	WRK048678	Unknown	28/02/1983	125.0	125.0	0.0		12.6	1768.9	West
150	45911	Stock	01/01/1970	4.0	3.6	0.0		0.0	1821.0	East
8	102534	Not Known	01/05/1967	0.0	0.0	0.0		0.0	1826.3	West
228	45910	Stock	01/01/1970	4.0	3.6	0.0		0.0	1847.4	South
316	WRK987253	Unknown		75.0	75.0	0.0		0.0	1867.0	North-west
404	WRK038068	Stock and Domestic	17/02/1989	39.0	38.6	0.0		1.8	1888.2	South-east
405	45921	Domestic, Stock	01/01/1970	0.0	0.0	0.0		0.0	1892.4	South-east
78	46010	Domestic, Stock	09/03/1990	13.0	13.0	0.0		0.4	1901.5	South
406	45901	Domestic, Stock	31/12/1970	11.0	10.6	0.0		0.0	1904.7	South
247	WRK092626	Monitoring	16/03/2016	0.0	63.0	0.0		0.0	1915.2	North
85	46009	Domestic, Stock	13/03/1990	13.0	13.0	0.0		0.5	1938.1	South
7	330974	Non Groundwater	31/12/1922	175.0	175.3	0.0		0.0	1939.3	West
82	WRK032153	Stock and Domestic	Null	86.0	86.0	0.0		0.0	1965.9	South
473	300024	Sec Bores (Use Unidentified)	19/03/1983	131.0	131.0	0.0		0.0	1986.5	East
167	300077	Non Groundwater	31/12/1922	26.0	25.6	0.0		0.0	2010.9	South
447	376418	Unknown		0.0	46.0	0.0		0.0	2045.6	North-east
446	333973	Non Groundwater	31/12/1922	46.0	46.0	0.0		0.0	2047.7	North-east
204	300068	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	2054.3	South
91	45887	Not Known	28/08/1966	10.0	10.1	0.0		0.0	2079.5	South
286	45883	Not Known	11/08/1966	45.0	45.1	0.0		0.0	2080.6	South
336	333982	Non Groundwater	31/12/1922	108.0	107.6	0.0		0.0	2081.1	North-west
337	376427	Unknown		0.0	107.6	0.0		0.0	2086.5	North-west
77	45880	Not Known	27/08/1965	21.0	20.7	0.0		0.0	2095.7	South
6	102551	Not Known	24/11/1972	27.0	27.4	0.0		0.0	2101.8	West
299	45886	Not Known	23/08/1966	24.0	24.1	0.0		0.0	2106.7	South
10	102542	Not Known	31/12/1970	0.0	0.0	0.0		0.0	2113.7	South-west

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
423	WRK048750	Irrigation	30/11/1982	148.0	147.5	0.0		19.5	2124.0	North-east
164	45861	Not Known	06/02/1977	165.0	164.8	0.0		0.0	2159.5	East
435	45959	Domestic, Stock	05/04/1982	241.0	241.2	0.0		5.0	2162.7	South
448	333987	Sec Bores (Use Unidentified)	24/12/1981	107.0	107.2	0.0		0.0	2191.5	North-east
449	376432	Unknown		0.0	107.2	0.0		0.0	2192.7	North-east
477	45827	Not Known	30/01/1969	16.0	16.5	0.0		0.0	2257.1	East
442	300216	Sec Bores (Use Unidentified)	12/02/1982	241.0	241.2	0.0		0.0	2266.5	South
9	102541	Not Known	31/12/1970	0.0	0.0	0.0		0.0	2284.6	South-west
189	45914	Stock	01/01/1970	14.0	13.7	0.0		0.0	2306.9	South
479	300013	Sec Bores (Use Unidentified)	05/08/1980	164.0	164.1	0.0		0.0	2321.7	East
110	45879	Not Known	07/08/1965	13.0	12.8	0.0		0.0	2327.8	South-east
176	45913	Stock	01/01/1970	4.0	3.6	0.0		0.0	2337.4	East
2	102549	Stock	01/01/1970	0.0	0.0	0.0		0.0	2351.7	West
179	300086	Non Groundwater	31/12/1922	30.0	30.5	0.0		0.0	2366.8	East
180	45884	Not Known	16/08/1966	16.0	16.5	0.0		0.0	2398.4	East
468	WRK980810	Unknown		100.0	100.0	0.0		0.0	2404.9	South-east
441	108153	Not Known	01/01/1988	25.0	25.0	0.0		0.0	2415.3	North-east
400	108140	Stock	21/03/1973	183.0	182.8	0.0		0.0	2429.4	North
480	45849	Dairy, Stock	29/10/1980	18.0	17.8	0.0		0.6	2447.1	East
3	WRK048677	Irrigation	21/12/1982	212.0	212.0	0.0		10.1	2459.0	South-west
472	300018	Sec Bores (Use Unidentified)	08/06/1982	159.0	159.3	0.0		0.0	2465.8	North-east
163	WRK972735	Unknown		150.0	150.0	0.0		0.0	2476.3	South-east
5	102537	Not Known	31/12/1970	0.0	0.0	0.0		0.0	2508.8	West
248	45896	Stock	31/12/1970	164.0	164.5	0.0		0.0	2511.2	North
4	102576	Domestic	12/05/1991	37.0	37.0	0.0		0.0	2518.8	West
462	300022	Sec Bores (Use Unidentified)	19/02/1983	131.0	131.0	0.0		0.0	2596.0	North-east
1	330962	Non Groundwater	17/06/1918	19.0	19.2	0.0		0.0	2616.2	West
21	330958	Non Groundwater	31/12/1917	152.0	151.8	0.0		0.0	2616.5	South-west
475	WRK101080	Monitoring	02/08/2017	0.0	65.0	0.0		0.0	2630.7	South-east

Map ID	Groundwater Bore ID	Authorised Purpose	Completion Date	Drilled Depth (m)	Final Depth (m)	SWL (m)	Salinity (mg/l)	Yield (L/s)	Distance (m)	Direction
474	119136	Dryland Salinity Bore Network, Groundwater Investigation, Observation	25/01/2000	11.0	11.0	0.0		0.0	2655.0	North-east
476	WRK032115	Stock and Domestic	01/01/1950	9.0	9.0	0.0		0.0	2712.6	North-east
481	300025	Sec Bores (Use Unidentified)	25/03/1983	155.0	155.0	0.0		0.0	2752.4	East
471	WRK986096	Unknown		80.0	80.0	0.0		0.0	2785.9	South-east
470	45829	Domestic, Miscellaneous, Stock	31/12/1970	0.0	0.0	0.0		0.0	2824.2	South-east
459	45841	Not Known	12/08/1971	460.0	460.0	0.0	994 mg/L	3.8	2828.7	North-east
414	108143	Not Known	04/11/1981	180.0	180.0	0.0	302 mg/L	31.6	2860.9	North-east
409	300191	Non Groundwater	31/12/1966	244.0	243.8	0.0		0.0	2868.8	South
482	45822	Stock	07/07/1967	22.0	21.9	0.0		0.0	2890.0	East
478	WRK957525	Monitoring	15/08/1999	10.0	10.5	0.0		0.0	2901.5	North-east
322	WRK048811	Stock and Domestic	30/11/1997	277.0	277.0	0.0		0.0	2945.8	North-west
309	300028	Non Groundwater	31/12/1917	70.0	70.1	0.0		0.0	2974.6	South

Note: The use of the symbol "-" or "Null" indicates that no records were found.
SWL: Standing Water Level, the latest record is displayed. RWL: Rest Water Level, the latest record is displayed. TSS: Total Soluble Salts.

Groundwater Bores Driller Lithology Details

Groundwater Bore ID	From Depth – To Depth (m)	Lithology	Distance (m)	Direction
300060	Null		0.0	Onsite
45956	Null		0.0	Onsite
45983	Null		0.0	Onsite
45946	Null		0.0	Onsite
300059	Null		0.0	Onsite
300203	Null		0.0	Onsite
300207	Null		0.0	Onsite
45906	Null		0.0	Onsite
300115	Null		0.0	Onsite
300189	Null		0.0	Onsite
45989	Null		0.0	Onsite
300064	Null		0.0	Onsite
45958	Null		0.0	Onsite
WRK048837	Null		0.0	Onsite
WRK063369	Null		0.0	Onsite
300204	Null		0.0	Onsite
45991	Null		0.0	Onsite
45998	Null		0.0	Onsite
300088	Null		0.0	Onsite

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
300090	Null	0.0	Onsite
45941	Null	0.0	Onsite
45905	Null	0.0	Onsite
45874	Null	0.0	Onsite
45929	0m-0.6m Surface Soil 0.6m-10.7m Clay 10.7m-11.6m Sand Fine 11.6m-13.1m Sandy Clay 13.1m-20.7m Sand Fine 20.7m-22.3m Sand Fine To Medium 22.3m-25.3m Sand And Shells 25.3m-30.5m Shelly Clay (Soft) 30.5m-32.3m Water Sand (Medium) 32.3m-33.2m Ligne	0.0	Onsite
45915	Null	0.0	Onsite
45955	Null	0.0	Onsite
45973	Null	0.0	Onsite
45981	Null	0.0	Onsite
300133	Null	0.0	Onsite
45982	Null	0.0	Onsite
WRK957613	Null	0.0	Onsite
45993	Null	0.0	Onsite
300202	Null	0.0	Onsite
300042	Null	0.0	Onsite
45987	Null	0.0	Onsite
300067	Null	0.0	Onsite
300041	Null	0.0	Onsite
45875	Null	0.0	Onsite
45961	Null	0.0	Onsite
45976	Null	0.0	Onsite
300035	Null	0.0	Onsite
WRK957612	Null	0.0	Onsite
46001	0m-0.4m Surface Soil 0.4m-2.5m Clay 2.5m-3m Fine Sand 3m-14m Sandy Clay 14m-20.5m Silty Clay 20.5m-27m Sand Fine To Med	0.0	Onsite
WRK048836	Null	0.0	Onsite
300215	Null	0.0	Onsite
45916	Null	0.0	Onsite
WRK038064	Null	0.0	Onsite
45917	Null	0.0	Onsite
300061	Null	0.0	Onsite
WRK957539	Null	0.0	Onsite
300094	Null	0.0	Onsite
WRK048840	Null	0.0	Onsite
300214	Null	0.0	Onsite
WRK957609	Null	0.0	Onsite
WRK973020	Null	0.0	Onsite

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
WRK957607	Null	0.0	Onsite
WRK957608	Null	0.0	Onsite
WRK048844	Null	0.0	Onsite
WRK983735	Null	0.0	Onsite
300096	Null	0.0	Onsite
300167	Null	0.0	Onsite
45931	Null	0.0	Onsite
45986	Null	0.0	Onsite
300093	Null	0.0	Onsite
WRK048845	0m-0.3m Topsoil 0.3m-1.8m Grey Clay 1.8m-7m Yellow Clay 7m-10.7m White Sandy Clay 10.7m-12.2m Gravel 12.2m-15.5m White Clay 15.5m-17.4m Brown Clay 17.4m-18.6m Fine Sand 18.6m-75.9m Coal 75.9m-78.6m Sand 78.6m-82.3m Coal (Brown) 82.3m-91.4m Co	0.0	Onsite
300211	Null	0.0	Onsite
45996	Null	0.0	Onsite
WRK957540	Null	0.0	Onsite
300037	Null	0.0	Onsite
300040	Null	0.0	Onsite
300120	Null	0.0	Onsite
300100	Null	0.0	Onsite
45866	Null	0.0	Onsite
45940	Null	0.0	Onsite
WRK048829	0m-0.5m Top Soil 0.5m-1.5m Black Clay 1.5m-7m Yellow Clay 7m-12m Grey Clay 12m-16m Sandy Gravel 16m-18m Clays 18m-42m Gravel 42m-49m Coal & Lig Clay 49m-57m Gravel 57m-59m Coal 59m-70m Gravel 70m-76m Clay 76m-92m Sand & Gravel 92m-105.9m Mu	0.0	Onsite
45864	Null	0.0	Onsite
45934	Null	0.0	Onsite
300116	Null	0.0	Onsite
45997	Null	0.0	Onsite
45902	Null	0.0	Onsite
300101	Null	0.0	Onsite
45890	Null	0.0	Onsite
300210	Null	0.0	Onsite
300031	Null	0.0	Onsite
300026	Null	8.9	North-west

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
300111	Null	9.0	West
119518	0m-13m Surface Soil & Sand 13m-22m Clayey Sand 22m-28m Fine Sand 28m-33.5m Lyg Clay & Coal 33.5m-38m Hard Sand & Coal 38m-77m Coal 77m-86m Course Sands	9.7	South
123652	0m-0.3m Surface Soil 0.3m-4m Yellow Clay 4m-14m Gray Clay 14m-35m Brown Lig Clay 35m-47m Sand & Clay 47m-61m Sand Coal Clay 61m-66m Sand & Stone	9.7	South
300190	Null	13.0	North-west
WRK957603	Null	13.7	West
WRK957601	Null	13.7	West
WRK957602	Null	13.7	West
300113	Null	14.1	South
300188	Null	17.6	South
45899	Null	22.2	West
300110	Null	25.5	West
300029	Null	26.0	North-west
300197	Null	26.2	North-west
45908	Null	26.5	South
300208	Null	26.5	South-east
300039	Null	27.3	West
300034	Null	28.2	North-west
300196	Null	30.2	South
300049	Null	30.3	West
300050	Null	31.8	West
300051	Null	31.8	West
300030	Null	35.2	North
300027	Null	35.8	North-west
300044	Null	37.1	East
300143	Null	38.3	East
300033	Null	41.9	North
300114	Null	45.8	East
300112	Null	46.8	East
45995	Null	47.4	West
300070	Null	48.0	East
45876	Null	48.7	North-west
300075	Null	50.8	East
300193	Null	50.9	South
300038	Null	54.7	North
45891	Null	57.9	North-west
300032	Null	58.5	North-east
46011	Null	58.9	West
300132	Null	59.4	West

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
300123	Null	59.4	West
300163	Null	59.7	South-east
300146	Null	61.7	South
300135	Null	62.2	South
300165	Null	62.9	South
300156	Null	64.8	South
WRK048843	Null	64.8	West
300052	Null	66.0	North
300153	Null	67.0	South
45867	Null	67.1	South
300187	Null	67.1	South-west
300138	Null	67.2	South
300206	Null	68.1	South
45992	Null	68.8	South
45925	Null	69.5	North-west
300154	Null	69.6	South
45948	Null	72.1	South
45863	Null	73.3	South
46008	Null	78.8	West
300205	Null	79.5	South
WRK048841	0m-0.5m Top Soil 0.5m-6m Clay 6m-7.5m Fine Sand 7.5m-15m Grey Sandy Clay 15m-20m Sand 20m-64.8m Coal 64.8m-65m Sand 65m-82m Coal 82m-88.5m Sand Medium 88.5m-89.5m Brown Sandy Clay 89.5m-90m Sand 90m-91.9m Sandy Clay Traces Of Coal	85.6	North-west
300124	Null	85.7	South-west
45974	Null	88.8	South
330960	Null	89.9	West
WRK048799	0m-0.5m Surface Soil 0.5m-8m Clay 8m-13m Sandy Clay And Sand 13m-19m Brown Coal And Fine Sand 19m-33m Ltg Clay And Coal 33m-35m Sand Firm 35m-36m Sand 36m-38m Coal 38m-49m Sand Coarse	92.9	South-west
45877	Null	99.2	South
46000	Null	102.1	North
45928	Null	112.1	West
45942	Null	112.6	East
300158	Null	124.3	South
300186	Null	126.2	South
45938	Null	128.7	South-west
WRK038065	0m-0.6m Surface Soil 0.6m-11m Brown Clay	133.4	West

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
	11m-16.8m Fine Sandy Clay 16.8m-20.4m Brown Coal 20.4m-24.1m Sand (Med) With Traces Of Coal 24.1m-28.7m Sand (Med) 28.7m-42.1m Brown Coal 42.1m-42.7m Sand (Med) 42.7m-47.9m Sand (Fine) 47.9m-53.3m Sand (		
46006	0m-0.3m Surface Soil 0.3m-8m Brown Clay 8m-8.5m Sandy Clay 8.5m-15.7m Fine Sand 15.7m-21.5m Blue Clay 21.5m-31m Sandy Clay 31m-38m Broken Basalt 38m-43m Hard Basalt	153.3	West
45936	Null	156.9	North-east
WRK048764	0m-0.3m Surface Soil 0.3m-5m Sandy Clay 5m-8m Fine Sand 8m-14m Sandy Clay 14m-22m Sand 22m-26m Sandy Clay 26m-61m Brown Coal 61m-124m Coal & Lyg Clay 124m-127m Sand Course 127m-135m Coal & Lyg Clay 135m-142m Sand 142m-143m Coal 143m-150m San	169.1	South-east
45869	Null	169.3	South
300102	Null	172.1	North
300097	Null	172.5	South
300162	Null	174.7	South
45966	Null	176.9	West
45922	Null	178.9	West
300194	Null	184.7	South
45944	Null	186.3	North-west
45868	Null	188.7	East
300142	Null	205.0	East
45990	Null	206.0	North
300144	Null	211.8	East
45960	Null	212.3	South
300157	Null	218.2	South
300151	Null	227.0	South
300212	Null	227.7	East
300129	Null	230.5	South-east
102564	Null	237.0	West
300164	Null	240.0	South
300036	Null	268.4	South
300159	Null	273.0	South
300122	Null	278.2	West
300198	Null	281.1	South
102565	Null	287.3	West
45994	Null	292.6	North-east

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
45970	Null	296.9	West
45977	Null	299.3	North-west
45978	Null	299.3	North-west
300201	Null	300.0	South
300182	Null	303.1	South
300141	Null	303.6	South
141822	0m-0.2m Surface Soil 0.2m-8m Clay 8m-13m Sandy Clay 13m-16m Clay 16m-18m Sand Pockets 18m-31m Shelly Sandy Clay 31m-36m Coarse Sand	310.3	South-east
300145	Null	315.0	South
300137	Null	318.7	South
45872	Null	321.5	North-east
300147	Null	322.6	South
330978	Null	327.2	West
102555	Null	329.3	West
142035	0m-0.5m Surface Soil 0.5m-11m Clay 11m-60m Brown Coal 60m-65m Sand Coarse	332.0	East
102562	Null	336.8	West
330979	Null	339.0	West
102556	Null	341.2	West
300121	Null	346.3	South-east
WRK048759	0m-0.3m Surface Soil 0.3m-10.5m Brown Clay & Sandy Clay 10.5m-19m Clay 19m-44m Clay & Sandy Clay 44m-54m Gravel Coarse 54m-58m Hard White Clay 58m-65m Lye Clay & Coal 65m-115m Brown Coal & Fine Lye Clay 115m-125m Clay 125m-143m Brown & White Cl	353.9	North-east
300181	Null	360.6	East
300183	Null	365.4	South
300166	Null	365.7	South
300148	Null	366.1	South
300155	Null	367.5	South
300134	Null	367.7	South
WRK048835	0m-0.3m Top Soil 0.3m-8.8m Clay 8.8m-12.8m Sandy Clay 12.8m-15.2m Sand 15.2m-21.4m Clay 21.4m-23.8m Gravel 23.8m-39.6m Coal 39.6m-42.4m Gravel 42.4m-73.2m Coal 73.2m-81.7m Clay 81.7m-145.7m Coal 145.7m-159.7m Gravel	368.0	East
330980	Null	370.2	West

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
102557	Null	372.3	West
300152	Null	373.3	South
300103	Null	375.2	North-east
300128	Null	375.4	West
300091	Null	376.7	South
300125	Null	378.0	South
300160	Null	382.2	South-east
300127	Null	384.4	West
45943	Null	389.3	North-east
45947	Null	399.0	North
45909	Null	399.2	East
45937	Null	405.1	South
45985	Null	417.1	North-west
45962	0m-6m Sand & Clay 6m-15m Sand And Clay 15m-23m Clay 23m-30m Sand 30m-38.5m Coal 38.5m-93m Coal 93m-130m Clay & Coal 130m-140.4m Sand & Clay 140.4m-154m Sand 154m-167m Clay 167m-195m Coal 195m-217.3m Sand & Gravel 217.3m-219m Coal 219m-228m	421.3	South-east
300184	Null	421.3	South
WRK048842	Null	421.8	West
45895	Null	429.7	South
145933	0m-0.3m Surface Soil 0.3m-3m Clay 3m-5m Coarse Sand 5m-9m Clay 9m-21m Sandy Clay 21m-24m Sand 24m-28m Sand & Clay 28m-33m Sand Fine 33m-37m Sand Coarse	437.5	South-east
102563	Null	450.1	West
330976	Null	452.0	West
102554	Null	454.1	West
102566	Null	455.2	West
WRK048839	Null	461.4	South-east
300161	Null	467.7	South
300095	Null	467.8	South
45988	Null	469.1	South
WRK048838	Null	470.1	South-east
45858	Null	477.5	West
300130	Null	488.2	South-east
45984	Null	490.2	South
300220	Null	500.2	East
300089	Null	501.9	South

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
300149	Null	503.3	South
300087	Null	505.0	South
300057	Null	506.3	South
300140	Null	507.9	East
45975	Null	514.2	South
45953	Null	514.3	South
300185	Null	515.8	South
300199	Null	518.0	South-east
300058	Null	522.5	South
300150	Null	523.6	South
300126	Null	525.5	South-west
WRK048756	0m-0.5m Top Soil 0.5m-7m Sandy Clay 7m-14.6m Medium Sand & Coal 14.6m-22.2m Medium Sand 22.2m-28m Medium Sand & Clay 28m-42.5m Medium Sand 42.5m-68m Coarse Sand & Coal 68m-190m Coal 190m-192.5m Medium Sand 192.5m-195m Coal 195m-196m White Clay	539.3	South
114844	0m-0.5m Top Soil 0.5m-7m Sandy Clay 7m-14.6m Medium Sand & Coal 14.6m-22.2m Medium Sands 22.2m-28m Medium Sand & Clay 28m-42.5m Medium Sand 42.5m-50.3m Coarse Sand & Coal 50.3m-198m Coal 198m-199.5m Lignious Clay	539.3	South
330977	Null	540.6	West
WRK987298	Null	540.9	South
102553	Null	542.8	West
300085	Null	549.4	South-west
46002	Null	551.7	West
300084	Null	557.5	South
300062	Null	573.2	South
300109	Null	591.4	West
WRK038063	Null	595.7	West
300117	Null	599.3	South
300209	Null	606.8	South
300136	Null	611.4	South
300173	Null	641.0	South-west
45999	Null	642.5	East
113134	0m-0.5m Surface Soil 0.5m-4m Clay & Sandy Clay 4m-6m Fine Grey Silt 6m-12m Hard Fine Sand 12m-14m Sandy Clay 14m-19m Fine Silt & Clay 19m-26m Sand (Medium)	651.8	South
300066	Null	652.4	East
300180	Null	661.3	South

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
102540	Null	663.5	South-west
300172	Null	667.5	South
45882	Null	670.9	East
300092	Null	685.7	South
300213	Null	692.8	South
300171	Null	702.2	South-west
300079	Null	706.7	East
300179	Null	708.5	South
45881	Null	722.0	North-east
300131	Null	727.7	South
WRK957606	Null	742.0	South-east
WRK957604	Null	742.0	South-east
WRK957605	Null	742.0	South-east
300071	Null	750.5	South-west
300178	Null	750.9	South
300104	Null	758.1	North-east
300170	Null	765.1	South-west
45949	Null	783.5	East
102569	Null	785.4	North-west
45951	Null	792.2	East
45952	Null	792.2	East
300105	Null	793.1	East
45950	Null	795.1	East
45920	Null	799.6	South
120318	0m-0.3m Top Soil 0.3m-7m Clay 7m-26.6m Sand 26.6m-27m Rocks 27m-39.3m Sand 39.3m-158.8m Coal 158.8m-163m Sand Medium To Coarse 163m-172.9m Coal Woody 172.9m-174.1m Sand Coarse 174.1m-174.4m Clay Or Coal 174.4m-174.9m Sand Medium To Coarse 174.	801.0	South
300176	Null	807.4	South
300081	Null	810.8	South
108146	Null	812.7	North-east
300139	Null	813.5	East
45907	Null	824.6	West
WRK038069	0m-0.3m Top Soil 0.3m-7m Clay 7m-26.6m Sand 26.6m-27m Rocks 27m-39.3m Sand 39.3m-158.8m Coal 158.8m-163m Sand Medium To Coarse 163m-172.9m Coal Woody 172.9m-174.1m Sand Coarse 174.1m-174.4m Clay Or Coal 174.4m-174.9m Sand Medium To Coarse 174.	835.4	South

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
45860	Null	839.6	South
300169	Null	847.8	South-west
300174	Null	857.1	South-west
300080	Null	859.7	East
45957	Null	881.7	West
300063	Null	892.4	South
300177	Null	898.8	South
333972	Null	902.2	North-east
300175	Null	902.9	South-west
376417	Null	905.9	North-east
333984	Null	911.2	North-east
300119	Null	911.5	South
376429	Null	912.3	North-east
300106	Null	918.0	East
45967	Null	921.5	West
45979	Null	946.7	East
WRK984612	Null	950.5	South
WRK975449	Null	950.5	South
45926	Null	950.8	North
300168	Null	953.4	South-west
WRK967504	Null	954.6	North-east
300099	Null	968.2	South
46012	0m-0.4m Top Soil 0.4m-1.5m Brown Clay 1.5m-3m Coarse Clayey Sand 3m-5m Grey & Red Clay 5m-20.3m Sand Clayey & Silt 20.3m-22.9m Clay Khaki Silty 22.9m-31m Sand Silty Fine 31m-34.7m Sand Medium Cemented 34.7m-37.3m Clay Ligneous Grey Black 37.3m-4	972.5	East
300083	Null	972.7	South
45980	Null	994.6	South
102573	Null	999.0	South-west
123289	0m-0.3m Top Soil 0.3m-4.5m Clay Grey Brown 4.5m-7m Sand Fine 7m-10.5m Clay Grey 10.5m-11.5m Sand Fine Silty 11.5m-14m Clay Sandy 14m-19m Sand & Gravel 19m-19.5m Clay Dark Grey 19.5m-20.8m Sand Clayey 20.8m-21.7m Clay Ligneous Brown 21.7m-23.8m	999.9	South
45903	Null	1002.2	North
45933	Null	1006.7	West
300219	Null	1026.5	East
45889	Null	1027.5	North-east
300118	Null	1039.0	South
300047	Null	1055.1	North-east

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
WRK965922	Null	1056.5	East
45865	Null	1062.8	East
45954	Null	1072.8	West
WRK985452	0m-0.2m Surface Soil 0.2m-3m White Clay 3m-8m Sandy Clay 8m-12m White Clay 12m-14m Sandy Clay 14m-22m Coal & Sandy Clay 22m-36m Lyg Sandy Clay 36m-41m Lyg Clay & Coal 41m-47m Sand	1088.6	North-east
45904	Null	1093.3	North-east
102572	Null	1112.3	South-west
WRK975664	Null	1115.9	East
WRK048803	0m-1.7m Peat 1.7m-4m White Sandy Clay 4m-6m Fine Sand (White) 6m-23m Medium Sand 23m-30m Marine Sediment 30m-40m Medium Sands 40m-54m Fine Sand 54m-65m Medium Sand 65m-67m Cemented Sands 67m-71m Sand Fine & Medium 71m-204m Coal 204m-207m Medi	1116.5	South
102531	Null	1152.3	South-west
102558	Null	1152.3	South-west
300107	Null	1165.4	North-east
45871	Null	1179.7	West
300098	Null	1179.9	South-west
WRK964499	Null	1195.8	South
45892	Null	1214.3	West
300108	Null	1224.9	West
132480	0m-0.3m Surface Soil 0.3m-10.5m Clay 10.5m-12m Sand 12m-31m Sandy Soil & Some Coal 31m-35m Sand 35m-39m Sandy Clay 39m-41m Sand 41m-49m Lyg Clay 49m-55m Sand	1228.9	West
45893	Null	1229.4	West
102548	Null	1242.9	South-west
102545	Null	1247.8	South-west
300073	Null	1255.0	South-west
300078	Null	1257.0	East
300074	Null	1268.2	East
45939	Null	1272.1	South
102567	Null	1282.8	West
300054	Null	1285.2	South
300217	Null	1297.5	South-east
45888	Null	1305.7	North-east

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
45918	Null	1311.6	South
102559	Null	1326.6	South-west
45885	Null	1328.1	South
300048	Null	1330.5	South
WRK048823	0m-2m Top Soil & Clay Brown 2m-6m Clay Black Soft 6m-7m Clay Black Soft Sandy 7m-8.7m Clay Black Soft 8.7m-10.5m Sand F.M.C 10.5m-10.7m Clay Soft 10.7m-15m Sand F.M.C Some Yellow & Silty 15m-17m Clay Sandy 17m-18m Clay & Sand Layers 18m-20m Cla	1351.7	East
WRK048834	0m-0.3m Surface Soil 0.3m-10.4m Brown Clay 10.4m-13.4m Sandy Clay 13.4m-20.7m Brown Coal 20.7m-23.2m Ligenous Sand 23.2m-36.3m White Clay 36.3m-48.8m Ligenous Clay 48.8m-53m Ligenous Sand 53m-54.3m Sand Med 54.3m-56.7m Ligenous Clay 56.7m-65.8m	1359.9	West
102539	Null	1362.1	South-west
330959	Null	1376.0	South-west
330975	Null	1394.1	West
102532	Null	1396.1	West
102552	Null	1396.1	West
WRK038067	0m-2m Top Soil 2m-6m Gravel & Sand 6m-11m Small Gravel 11m-20m Shelly Clay 20m-32m Sandy Clay 32m-82.5m Coal 82.5m-92.5m Sand 92.5m-102.5m Coal 102.5m-105.7m Clay 105.7m-109.4m Sand 109.4m-132.1m Coal 132.1m-148m Sand & Clay 148m-156m Clay 1	1398.8	South
45873	Null	1422.7	North-east
143596	0m-0.2m Surface Soil 0.2m-8m Sand Clay 8m-9m Grey Clay 9m-10m Sand 10m-14m Clay 14m-19m Fine Sand 19m-25m Clay 25m-36m Lygnious Sand & Coal 36m-42m Sand 42m-45m Sandy Clay 45m-48m Sand	1431.0	North-east
300200	Null	1439.1	South
300072	Null	1439.6	South-west
45919	Null	1446.8	South
300069	Null	1473.8	South
WRK032060	0m-0.5m Topsoil Loam 0.5m-10m Sand Fine Connected Layers	1491.4	South-east

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
	10m-29.8m Marl Sandy & Shelly Layers 29.8m-37m Clay & Sand,Ligneous 37m-99.1m Coal,Brown 99.1m-102.1m Clay,Grey & Brown 102.1m-105.8m Sand,Coarse 105.8m-110m Coal,Brown 110m-114m Sand,Med		
300023	Null	1491.5	North-east
300045	Null	1495.5	South
300043	Null	1497.9	South
300082	Null	1505.3	South
45862	Null	1507.8	South
300055	Null	1532.7	South
45859	Null	1533.9	South
WRK986270	0m-0.2m Surface Soil 0.2m-7m Clay 7m-9m Sandy Clay 9m-32m Clay 32m-46m Lyg Sandy Clay 46m-55m Lyg Cklay & Coal 55m-65m Gravel	1537.2	West
135101	0m-0.3m Surface Soil 0.3m-11m Sandy Clay 11m-14m Sand Pockets 14m-21m Clay 21m-25m Sand (Med)	1546.5	South
WRK038066	0m-0.3m Top Soil 0.3m-7.6m Ligneous Sand, Coarse, With Prbbles 7.6m-8.8m Drift Sand 8.8m-10.4m Shelly Marl (Light Grey Sandy Clay) 10.4m-24.4m Clayey Marl 24.4m-33.5m Sand, Fine To Medium And Clay 33.5m-35.7m Brown Coal	1554.0	South-east
300016	Null	1558.4	East
300076	Null	1564.4	East
300065	Null	1566.5	East
45894	Null	1569.6	South
300056	Null	1570.3	East
45826	Null	1576.2	East
45897	Null	1599.1	West
300218	Null	1610.6	South
45924	Null	1637.6	South
45923	Null	1639.3	South
WRK957516	Null	1650.9	West
WRK957518	Null	1650.9	West
WRK957517	Null	1650.9	West
300046	Null	1657.1	West
WRK978978	Null	1667.4	North-west
102574	Null	1672.7	West
46003	0m-0.3m Topsoil 0.3m-3.7m Clay 3.7m-4.6m Fine Sand 4.6m-6.4m Gravel & Clay 6.4m-10.7m Grey Clay 10.7m-16.5m Brown Clay & Coal 16.5m-17.4m Fine Sand 17.4m-21.3m Ligneous Clay	1674.6	West

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
	21.3m-21.6m Fine Sand 21.6m-31.4m Clay 31.4m-32m Fine Sand 32m-41.5m		
330956	Null	1685.0	West
300053	Null	1685.1	South
45912	Null	1705.7	South
138158	Null	1748.3	North-east
WRK048678	Null	1768.9	West
45911	Null	1821.0	East
102534	Null	1826.3	West
45910	Null	1847.4	South
WRK987253	Null	1867.0	North-west
WRK038068	0m-2.5m Topsoil & Sand 2.5m-13.6m Clay Grey & Brown Sandy 13.6m-15m Sand Med 15m-18m Clay Grey Brown Sandy 18m-19.3m Sand Med 19.3m-22.8m Clay Grey Green 22.8m-25m Sand Firm Clayey 25m-30.3m Clay Grey Green 30.3m-31.8m Sand Med 31.8m-34.5m Clay	1888.2	South-east
45921	Null	1892.4	South-east
46010	0m-0.3m Surface Soil 0.3m-10m Sand Fine 10m-13m Sand (Medium)	1901.5	South
45901	Null	1904.7	South
WRK092626	0m-0.2m Surface Soil 0.2m-6m Clay 6m-35m Sandy Clay 35m-40m Clay 40m-48m Lyg Sandy Clay 48m-59m Lyg Sand Firm 59m-63m Gravel	1915.2	North
46009	0m-0.3m Surface Soil 0.3m-9.5m Sand Fine 9.5m-13m Sand Medium	1938.1	South
330974	Null	1939.3	West
WRK032153	Null	1965.9	South
300024	Null	1986.5	East
300077	Null	2010.9	South
376418	Null	2045.6	North-east
333973	Null	2047.7	North-east
300068	Null	2054.3	South
45887	Null	2079.5	South
45883	Null	2080.6	South
333982	Null	2081.1	North-west
376427	Null	2086.5	North-west
45880	Null	2095.7	South
102551	0m-0.3m Surface Soil 0.3m-4.6m Clay 4.6m-11.6m Fine Sand 11.6m-27.4m Brown Coal	2101.8	West
45886	Null	2106.7	South
102542	Null	2113.7	South-west

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
WRK048750	0m-0.3m Surface Soil 0.3m-2m Clay 2m-19m Sandy Clay 19m-25m Ligneous Clay 25m-30.5m Woody Coal 30.5m-43.5m Ligneous Clay & Coal 43.5m-52.7m White Clay 52.7m-72m Ligneous Clay & Coal 72m-81.5m Brown Coal 81.5m-88.5m Clay 88.5m-125.1m Fine Sand	2124.0	North-east
45861	Null	2159.5	East
45959	Null	2162.7	South
333987	Null	2191.5	North-east
376432	Null	2192.7	North-east
45827	Null	2257.1	East
300216	Null	2266.5	South
102541	Null	2284.6	South-west
45914	Null	2306.9	South
300013	Null	2321.7	East
45879	Null	2327.8	South-east
45913	Null	2337.4	East
102549	Null	2351.7	West
300086	Null	2366.8	East
45884	Null	2398.4	East
WRK980810	Null	2404.9	South-east
108153	Null	2415.3	North-east
108140	Null	2429.4	North
45849	Null	2447.1	East
WRK048677	0m-9.6m Top Soil & Ligneous Gravel & Sand 9.6m-53m Clay Grey, Sandy & Shells 53m-62m Sand Fine 62m-159m Brown Coal 159m-190m Coal, Sandy Coal & Clay & Sandy Clay Inter Bedded 190m-194m Sand 194m-195m Coal 195m-196m Sand Coarse 196m-198m Gravel F	2459.0	South-west
300018	Null	2465.8	North-east
WRK972735	Null	2476.3	South-east
102537	Null	2508.8	West
45896	Null	2511.2	North
102576	0m-0.2m Surface Soil 0.2m-9.5m Brown Clay 9.5m-12.5m Fine Sand 12.5m-17.5m Gravelly Clay 17.5m-27m Lye Clay 27m-32m Lye Clay & Pocket Sand 32m-37m Clay	2518.8	West
300022	Null	2596.0	North-east
330962	Null	2616.2	West
330958	Null	2616.5	South-west
WRK101080	0m-0.2m Surface Soil 0.2m-8m Sandy Clay + Clay 8m-16m Sandy Clay 16m-19m Cemented Sands	2630.7	South-east

Groundwater Bore ID	From Depth – To Depth (m) Lithology	Distance (m)	Direction
	19m-54m Blue Sandy Clay 54m-65m Sandpockets		
119136	Null	2655.0	North-east
WRK032115	Null	2712.6	North-east
300025	Null	2752.4	East
WRK986096	Null	2785.9	South-east
45829	Null	2824.2	South-east
45841	Null	2828.7	North-east
108143	Null	2860.9	North-east
300191	Null	2868.8	South
45822	Null	2890.0	East
WRK957525	Null	2901.5	North-east
WRK048811	0m-1.5m Top Soil 1.5m-2.5m Sub Soil 2.5m-12m Yellow & Grey Clay 12m-16m Peat 16m-18m Brown Sand Clay 18m-24m Brown Silt 24m-27m Clayey Gravel 27m-30m Sand & Gravel 30m-34m Clayey Gravel & Wood 34m-38m Clayey Gravel 38m-40m Grey Clay 40m-49m G	2945.8	North-west
300028	Null	2974.6	South

Note: The use of the symbol "-" or "Null" indicates that no records were found.

2.2 GROUNDWATER AND OTHER BORES

Map 2.2 (3000m Buffer)

Groundwater Restricted Use Zones

Name / Number	Address	Site History	Description	Distance (m)	Direction
Not identified	-	-	-	-	-

Groundwater Salinity

Class	Salinity Value	Source	Distance (m)	Direction
Non-Saline (<3000mg/L)	1000 - 3000	Southern Rural Water	0.0	Onsite
Non-Saline (<3000mg/L)	500 - 1000	Southern Rural Water	0.0	Onsite
Saline (>3000mg/L)	3000 - 7000	Southern Rural Water	0.0	Onsite

Other Known Borehole Investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes)

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300100	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	60.4	0.0	Onsite
300211	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	31/03/1980	42.8	0.0	Onsite
300116	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	01/02/1930	33.5	0.0	Onsite

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300059	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	0.0	Onsite
300088	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	0.0	Onsite
300215	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	05/01/1982	256.0	0.0	Onsite
300210	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	25/03/1980	173.0	0.0	Onsite
300035	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	18/02/1918	113.1	0.0	Onsite
300037	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	07/02/1918	36.6	0.0	Onsite
300040	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	27/02/1918	11.9	0.0	Onsite
300133	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	13/04/1951	11.9	0.0	Onsite
45946	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/03/1979	85.7	0.0	Onsite
300061	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	12.2	0.0	Onsite
300067	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	107.9	0.0	Onsite
300031	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	17/01/1918	92.0	0.0	Onsite
300064	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	61.3	0.0	Onsite
300120	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	02/09/1943	57.9	0.0	Onsite
300115	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	07/07/1928	67.4	0.0	Onsite
300203	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	02/03/1979	60.0	0.0	Onsite
300094	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	0.0	Onsite
300204	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	28/02/1979	61.0	0.0	Onsite
300060	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	89.9	0.0	Onsite
300041	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	02/03/1918	19.8	0.0	Onsite
300167	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	22/08/1951	107.6	0.0	Onsite
300093	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	0.0	Onsite
45961	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	12/01/1983	56.5	0.0	Onsite
45986	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/12/1981	15.0	0.0	Onsite

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
45890	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	21/11/1966	26.5	0.0	Onsite
45993	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	17/12/1981	12.0	0.0	Onsite
45963	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	07/12/1982	253.0	0.0	Onsite
45934	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	17/12/1974	27.7	0.0	Onsite
45989	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/12/1981	19.0	0.0	Onsite
45866	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/05/1977	84.0	0.0	Onsite
45981	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	16/02/1981	111.0	0.0	Onsite
45874	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	26/06/1967	9.4	0.0	Onsite
45955	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	25/03/1980	173.0	0.0	Onsite
45973	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	11/02/1981	67.0	0.0	Onsite
45929	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	20/11/1972	33.2	0.0	Onsite
45997	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	14/12/1981	6.0	0.0	Onsite
45982	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/01/1981	103.7	0.0	Onsite
45987	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/12/1981	36.0	0.0	Onsite
45941	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	13/05/1977	111.4	0.0	Onsite
45972	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	24/01/1983	157.5	0.0	Onsite
45864	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	20/03/1977	97.0	0.0	Onsite
45940	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/05/1977	84.0	0.0	Onsite
45991	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	18/12/1981	9.0	0.0	Onsite
45875	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	28/06/1967	9.1	0.0	Onsite
45976	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	21/01/1981	81.0	0.0	Onsite
45996	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	15/12/1981	13.0	0.0	Onsite
45983	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/01/1981	37.2	0.0	Onsite
300101	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	113.7	0.0	Onsite
45998	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/12/1981	13.0	0.0	Onsite
300207	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	30/03/1979	85.7	0.0	Onsite
300090	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	0.0	Onsite
300042	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	16/03/1918	24.4	0.0	Onsite
300096	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	0.0	Onsite
300202	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	22/02/1979	45.0	0.0	Onsite

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300189	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	09/11/1961	86.9	0.0	Onsite
300214	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	29/10/1981	118.1	0.0	Onsite
300111	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	62.8	10.4	West
300113	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	06/06/1928	86.9	11.2	South
300026	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	07/10/1912	563.9	12.2	North-west
300188	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	02/05/1952	117.3	14.8	South
300190	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	30/10/1961	73.8	16.0	North-west
300208	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	21/08/1980	179.1	23.3	South-east
300110	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	42.7	27.0	West
300196	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	19/02/1979	24.0	27.7	South
300029	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	15/12/1917	20.7	28.2	North-west
300039	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	22/02/1918	17.7	29.5	West
300197	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	19/02/1979	24.0	29.5	North-west
300034	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	19/01/1918	31.1	30.7	North-west
300049	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	24.4	32.6	West
300050	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	18.9	33.0	West
300051	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.8	33.4	West
300044	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	22/03/1918	27.4	35.0	East
300143	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	17/05/1951	62.2	36.1	East
300030	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	20/12/1917	20.7	37.4	North
300027	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	26/05/1917	60.4	38.0	North-west
45891	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/04/1968	65.5	42.9	North-west
300112	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	10/05/1928	66.4	44.3	East

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300114	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	21/06/1928	63.4	44.6	East
300033	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	19/01/1918	32.9	44.9	North
300070	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	90.8	45.8	East
300193	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	30/06/1978	71.0	48.7	South
300075	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	60.7	48.7	East
45995	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	16/12/1981	8.0	49.3	West
45876	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	24/05/1967	11.3	51.6	North-west
300163	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	25/07/1951	75.0	56.5	South-east
300038	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	18/02/1918	32.0	56.7	North
300146	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/05/1951	84.7	58.6	South
45925	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	01/05/1972	13.7	59.2	North-west
300132	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	17/04/1951	65.2	60.0	West
300032	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	12/01/1918	27.4	60.3	North
300135	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	10/05/1951	92.0	60.7	South
300165	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	13/08/1951	119.2	60.9	South
45971	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	27/03/1983	47.5	61.1	West
300123	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	02/02/1951	99.1	61.5	West
300156	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	11/07/1951	91.7	62.5	South
45867	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	13/05/1977	111.4	64.4	South
300153	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	13/06/1951	73.2	64.4	South
300138	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	04/05/1951	89.6	65.3	South
300187	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	24/04/1952	104.9	65.8	South-west
300206	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	25/03/1979	78.4	66.3	South
300154	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	28/06/1951	84.7	67.1	South

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
45992	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	16/12/1981	97.8	67.4	South
300052	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.8	69.0	North
45948	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	20/03/1979	104.0	70.6	South
45863	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	15/03/1977	216.5	71.1	South
45944	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	03/02/1978	98.0	75.7	North-west
300205	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	20/03/1979	104.0	76.4	South
300124	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	09/02/1951	88.4	85.0	South-west
45974	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/02/1981	103.2	87.6	South
330960	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	13/12/1917	122.8	91.4	West
45877	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	28/03/1967	160.9	97.9	South
45930	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/05/1973	53.4	103.8	West
45942	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	18/05/1977	117.0	110.5	East
45928	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	16/01/1973	26.2	113.8	West
300158	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	21/06/1951	104.5	121.8	South
300186	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	18/04/1952	71.6	122.7	South
46000	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/12/1982	62.4	138.0	East
45869	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	03/07/1953	210.9	167.0	South
300097	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	157.3	170.1	South
300162	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	17/07/1951	60.4	172.4	South
300102	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	60.0	174.4	North
300194	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	12/11/1978	8.4	183.1	South
45868	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/05/1977	120.4	187.3	East
45936	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	25/02/1975	72.5	190.7	North-east
45966	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	10/12/1982	7.0	190.7	South-west
45962	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	28/01/1983	229.3	197.7	South-east
300142	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	15/05/1951	21.6	203.4	East
45990	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	18/12/1981	11.0	208.6	North

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300144	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	22/05/1951	59.1	209.3	East
45960	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	09/04/1984	13.0	210.5	South
300157	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	15/06/1951	101.2	215.6	South
45931	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	08/01/1973	42.7	215.6	South-west
45947	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/01/1979	14.0	217.2	North-west
300151	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	07/06/1951	102.4	224.9	South
300212	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	08/04/1980	82.5	225.8	East
300129	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	28/03/1951	33.5	227.4	South-east
300164	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	02/08/1951	85.6	236.8	South
102564	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/12/1981	13.0	236.9	West
300036	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/01/1918	26.8	266.0	South
300159	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	28/06/1951	56.1	270.7	South
300122	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	15/12/1950	11.6	278.8	West
300198	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	21/02/1979	18.0	279.3	South
102565	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/02/1981	76.2	286.3	West
45994	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	16/12/1981	17.0	293.3	North-east
300201	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	22/02/1979	35.0	298.2	South
45970	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	18/01/1983	50.0	298.8	West
300182	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	20/03/1952	87.8	300.3	South
300141	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	14/05/1951	57.6	301.3	South
45977	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	18/02/1981	64.5	301.5	North-west
45978	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/02/1981	43.3	301.5	North-west
45965	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	03/11/1982	53.0	311.5	West
300145	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	17/05/1951	50.0	313.2	South
300137	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	08/04/1952	55.8	316.4	South
300147	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	17/05/1951	48.8	320.4	South

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
45872	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/12/1957	29.3	320.7	North-east
330978	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	04/03/1978	78.0	328.8	West
102555	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/03/1978	78.0	328.8	West
102562	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	14/12/1981	17.0	335.8	West
330979	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	14/02/1978	78.0	341.4	West
102556	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	14/02/1978	78.0	341.4	West
300121	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	10/09/1943	56.7	343.6	South-east
45937	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	03/01/1976	19.5	354.9	South
300181	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	14/03/1952	107.9	359.3	East
300166	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	18/10/1951	190.8	363.0	South
300183	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	25/03/1952	74.1	363.5	South
300148	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	23/05/1951	64.0	363.9	South
300155	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	27/07/1951	110.9	364.6	South
300134	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	23/04/1951	43.3	365.3	South
300152	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	04/06/1951	76.2	371.4	South
330980	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	08/04/1978	78.0	372.2	West
102557	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	08/04/1981	78.0	372.2	West
300091	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	86.3	374.2	South
300125	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	16/02/1951	48.8	375.9	South
300103	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	86.3	375.9	North-east
300128	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	19/03/1951	58.8	377.2	West
300160	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	10/07/1951	72.2	379.2	South-east
300127	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	08/03/1951	84.4	386.5	West
45922	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	27/03/1971	66.1	395.8	West
300184	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	01/04/1952	93.3	418.3	South

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
45985	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	13/12/1981	7.0	420.0	North-west
45895	Groundwater Investigation	Dept. Manufacturing & Industry	Private Individual/Corporation	31/12/1969	121.9	428.4	South
45943	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	28/04/1978	16.0	442.5	North-east
102563	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	25/03/1982	198.0	449.1	West
102554	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/03/1978	70.0	454.2	West
330976	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	19/03/1978	70.0	454.2	West
102566	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	29/01/1981	53.3	454.7	West
45964	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	23/11/1982	92.0	455.1	North-west
300161	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	03/07/1951	97.8	464.5	South
300095	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	152.4	465.0	South
45988	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/12/1981	12.0	466.9	South
45858	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	22/01/1977	89.0	478.9	West
300130	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	04/04/1951	73.2	484.7	South-east
45984	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	01/12/1981	99.6	488.5	South
300220	Petroleum Exploration	DMID - Petroleum	Woodside Oil Co	31/10/1957	1223.0	499.0	East
300089	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	72.2	500.4	South
300149	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	25/05/1951	85.0	500.6	South
300087	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	74.1	502.5	South
300057	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	10.7	503.7	South
300140	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	10/05/1951	32.9	506.1	East
45953	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	25/02/1980	79.0	512.1	South
45975	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/02/1981	59.5	512.9	South
300185	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	04/04/1952	90.5	513.1	South
300199	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	21/02/1979	18.0	514.6	South-east
300058	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	520.2	South
300150	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	30/05/1951	76.2	520.6	South
300126	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	28/02/1951	49.1	524.6	South-west

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
45945	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/01/1979	159.7	530.0	South-east
102553	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	12/03/1978	78.0	542.8	West
330977	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	12/03/1978	78.0	542.8	West
300085	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	55.8	548.3	South-west
300084	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	23.2	554.5	South
300062	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	21.3	570.8	South
300109	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	46.6	593.0	West
300117	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	15/03/1930	5.5	597.3	South
300209	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	24/02/1980	79.0	605.1	South
300136	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	24/04/1951	68.3	609.1	South
45958	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/01/1982	10.0	624.2	South
300173	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	07/02/1952	22.6	639.2	South-west
45999	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	08/04/1980	82.5	640.7	East
300066	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	651.1	East
300180	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	07/03/1952	94.8	659.3	South
300172	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	05/02/1952	17.4	665.4	South
45882	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	22/03/1966	18.0	669.4	East
102540	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/01/1968	36.6	670.6	South-west
962609	Petroleum Exploration	DMID - Petroleum	Lakes Oil NL	30/12/1899	1001.3	679.0	South
300092	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	683.2	South
300213	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	18/01/1981	207.3	690.0	South
300171	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	30/01/1952	24.4	700.7	South-west
300079	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	75.3	704.9	East
300179	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	28/02/1952	73.8	705.9	South
45881	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	14/10/1965	29.3	723.0	North-east

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300131	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	11/04/1951	60.4	724.3	South
45938	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	07/03/1977	10.4	747.5	North-west
300178	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	27/02/1952	70.1	748.0	South
300071	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	11.6	750.3	South-west
300104	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	108.8	758.2	North-east
300170	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	24/01/1952	37.5	763.9	South-west
102569	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	19/12/1981	13.0	780.8	North-west
45949	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	23/02/1979	45.0	781.8	East
45951	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	28/02/1979	61.0	789.7	East
45952	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	23/02/1979	45.0	789.7	East
300105	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	83.2	791.4	East
45950	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/03/1979	60.0	792.8	East
108146	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	15/07/1985	40.0	801.4	North-east
300176	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	20/02/1952	67.1	804.1	South
300081	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	67.4	807.6	South
300139	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	03/05/1951	31.4	811.9	East
45860	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	01/02/1977	44.0	837.5	South
300169	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	18/12/1951	44.2	847.0	South-west
300174	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	12/02/1952	59.7	854.8	South
300080	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	857.9	East
45954	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	11/04/1980	8.2	875.8	West
300063	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	890.2	South
300177	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	22/02/1952	57.3	895.9	South
300175	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	15/02/1952	50.9	902.3	South-west
376417	Mineral Exploration	State Electricity Commission	Outside (Latrobe Valley) Area	31/12/1922	30.5	904.1	North-east

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300119	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	12/03/1930	29.3	908.9	South
376429	Mineral Exploration	State Electricity Commission	Outside (Latrobe Valley) Area	16/07/1980	160.2	913.1	North-east
300106	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	56.4	917.8	East
45967	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	05/12/1982	15.0	923.2	West
45979	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	09/02/1981	39.0	944.6	East
45926	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	01/08/1972	18.3	952.3	North
300168	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	13/12/1951	48.2	952.8	South-west
45888	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	22/06/1966	99.1	958.3	North
300099	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	110.0	965.4	South
300083	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	22.6	969.9	South
45980	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	05/02/1981	34.3	993.1	South
45933	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	01/08/1974	143.3	1008.6	West
300219	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	29/08/1982	355.0	1025.9	East
45889	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	18/07/1966	57.9	1027.8	North-east
300118	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	27/02/1930	21.6	1036.3	South
300047	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	24/04/1918	25.6	1055.6	North-east
45865	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/04/1977	287.0	1061.6	East
102558	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/05/1977	188.0	1161.2	South-west
102531	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	29/05/1977	188.0	1161.2	South-west
300107	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	53.0	1166.0	North-east
300098	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	24.4	1177.9	South-west
45871	Groundwater Investigation	Dept. Manufacturing & Industry	Department of Education, Victoria	31/12/1963	14.0	1181.5	West
45893	Groundwater Investigation	Dept. Manufacturing & Industry	Department of Education, Victoria	28/10/1968	63.7	1193.6	West
45892	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/04/1968	18.3	1204.0	East
300108	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	63.4	1226.0	West
300073	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	22.9	1252.8	South-west

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
300078	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	1256.0	East
45968	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	17/01/1983	170.0	1257.3	South
300074	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	14.6	1265.6	East
102567	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/01/1981	94.6	1281.7	West
300054	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	11.6	1282.6	South
300217	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	16/03/1982	246.0	1294.6	South-east
45885	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	18/08/1966	7.9	1326.2	South
45939	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/03/1977	252.0	1326.3	South
300048	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	14/05/1918	61.6	1327.7	South
102539	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	06/12/1958	125.6	1371.7	South-west
330959	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	08/11/1917	108.2	1374.6	South-west
108133	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	20/05/1968	210.3	1387.2	North-east
330975	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	14/06/1978	83.0	1394.5	West
102552	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	27/04/1977	210.0	1395.1	West
102532	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	27/04/1977	210.0	1395.3	West
45873	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/12/1966	57.9	1423.5	North-east
300200	Mineral Exploration	Dept. Manufacturing & Industry	Private Individual/Corporation	21/02/1979	31.0	1436.4	South
300072	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	15.5	1438.1	South-west
300069	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	1471.4	South
300023	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	08/03/1983	263.0	1493.1	North-east
300045	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	15/04/1918	115.8	1493.5	South
300043	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	14/03/1918	20.7	1495.3	South
45932	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	13/12/1973	35.7	1501.5	South-east
300082	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	19.8	1502.4	South
45862	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	02/03/1977	252.4	1505.5	South
300055	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	23.2	1530.0	South

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
45957	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	13/04/1980	10.4	1531.6	North-east
45859	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/01/1977	196.0	1531.7	South
300016	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	08/01/1981	225.3	1558.1	East
300076	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	29.6	1562.3	East
300065	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	12.5	1564.9	East
45894	Groundwater Investigation	Dept. Manufacturing & Industry	Private Individual/Corporation	31/12/1969	48.8	1567.7	South
300056	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	23.5	1568.3	East
45826	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/04/1968	12.5	1575.0	East
108140	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	21/03/1973	189.0	1601.4	North
300218	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	19/05/1982	165.8	1608.2	South
45923	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	12/04/1971	85.3	1637.6	South
300046	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	10/04/1918	30.8	1658.3	West
300053	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	32.9	1683.1	South
330956	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	07/06/1902	640.8	1685.9	West
102534	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	01/05/1967	42.7	1825.5	West
45924	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	15/10/1971	32.9	1841.0	South
102570	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	28/02/1983	172.5	1899.4	South-west
330974	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	175.3	1940.8	West
45935	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/11/1974	69.5	1982.9	West
300024	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	19/03/1983	131.0	1984.7	East
300077	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	25.6	2008.9	South
376418	Mineral Exploration	State Electricity Commission	Outside (Latrobe Valley) Area	31/12/1922	46.0	2048.5	North-east
300068	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	2051.6	South
45887	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	28/08/1966	10.1	2076.7	South
45883	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	11/08/1966	45.1	2078.3	South
376427	Mineral Exploration	State Electricity Commission	Outside (Latrobe Valley) Area	31/12/1922	107.6	2084.9	North-west
45880	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	27/08/1965	20.7	2093.4	South

Borehole ID	Purpose	Project	Client/ License	Date Drilled	Depth (m)	Distance (m)	Direction
102551	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	24/11/1972	27.4	2101.2	West
45886	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	23/08/1966	24.1	2104.5	South
102542	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/12/1970	nan	2121.5	South-west
45861	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	06/02/1977	164.8	2157.8	East
376432	Mineral Exploration	State Electricity Commission	Outside (Latrobe Valley) Area	24/12/1981	107.2	2193.2	North-east
45827	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/01/1969	16.5	2256.0	East
300216	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	12/02/1982	241.2	2263.2	South
45849	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	29/10/1980	19.8	2272.3	East
102541	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/12/1970	nan	2293.6	South-west
102568	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	21/12/1982	212.0	2312.1	South-west
300013	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	05/08/1980	164.1	2321.6	East
45879	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	07/08/1965	12.8	2325.0	South-east
300086	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	31/12/1922	30.5	2365.8	East
45884	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	16/08/1966	16.5	2396.8	East
108144	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	30/11/1982	147.5	2463.8	North-east
300018	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	08/06/1982	159.4	2466.2	North-east
102537	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	31/12/1970	nan	2506.3	West
300022	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	19/02/1983	131.0	2596.5	North-east
330958	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	18/09/1917	151.8	2614.4	South-west
330962	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	17/06/1918	19.2	2616.8	West
108143	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	04/11/1981	366.0	2677.6	North-east
300025	Mineral Exploration	State Electricity Commission	State Electricity Commission of Victoria	25/03/1983	155.0	2750.8	East
300191	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	05/05/1966	243.8	2866.6	South
45822	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	07/07/1967	23.8	2918.8	East
102561	Groundwater Investigation	Rural Water Commission	Private Individual/Corporation	14/03/1983	244.5	2931.1	West
300028	Mineral Exploration	Dept. Manufacturing & Industry	Department of Manufacturing & Industry Development	14/07/1917	70.1	2972.4	South

Note: The use of the symbol "-" or "Null" indicates that no records were found.

Section 3 Environmental Registers, Licences and Incidents

3.1 CONTAMINATED LAND PUBLIC REGISTER

Map 3.1 (3000m Buffer)

Contaminated Sites

Register Type	Site Name	Address	Description	Details	Distance (m)	Direction
Not identified	-	-	-	-	-	-

If the record does not contain a complete street address and/or cannot be located, the records' geographic location will be approximated and reported as being within the surrounding area.

Table 3.1.1 Contaminated Land Public Register		
State	**Regulatory Body**	**Information included in this search (by state)**
ACT	EPA (Environment Protection Authority)	Contaminated Land Search Register of Contaminated Sites * (on request)
NSW	EPA (Environment Protection Authority)	Sites Notified as Contaminated Records of Notices
NT	EPA (Environment Protection Authority)	Contaminated Land Audit Pollution Abatement Notice
QLD	DES (Department of Environment and Science)	Contaminated Land Search (Environmental Management and Contaminated Land Registers) * (per lot)
SA	EPA (Environment Protection Authority)	Site Contamination Index Assessment Areas
TAS	EPA (Environment Protection Authority)	Regulated Sites and Premises Lutana and Parts of Hobarts Eastern Shore
VIC	EPA (Environment Protection Authority)	Priority Sites Register Pollution Abatement Notice

Table 3.1.1 Contaminated Land Public Register		
WA	DWER (Department of Water and Environmental Regulation)	Contaminated Sites Database

This search contains information retrieved from the relevant state authority, agency/department, or government authority that notifies and identifies contaminated land. The list only contains contaminated sites that the regulatory body is aware of or that have been notified by owners or occupiers as contaminated land. The sites are recorded on the register at various stages of the assessment and/or remediation process. If a site is not on the list, it does not necessarily mean the site is not contaminated.

3.2 LICENCES, APPROVALS & ASSESSMENTS

Map 3.2 (3000m Buffer)

Licences

Licence Nº	Type	Licence holder	Location Name	Premise Address	Activity	Dist. (m)*	Direct
R000308794	Registration	BENJAMIN JOHN PEARSON	BENJAMIN JOHN PEARSON	7890 South Gippsland Highway Alberton 3971	B04 (Waste tyres-silage production)	0.0	Onsite
R000303017	Registration	IAN D & MICHELLE N CONN	IAN D & MICHELLE N CONN	180 Rossiters Road Hedley 3967	A09b (Waste tyre storage - small)	1420.5	West

If the record does not contain a complete street address and/or cannot be located, the records' geographic location will be approximated and reported as being within the surrounding area.

** Not mapped – Licences that are applied to larger areas and/or without specific definition; such as waterways, forests etc will still be identified in the search results but will not be show within the map.*

Audits, PRSA

Nº	Type	Licence holder	Location Name	Premise Address	Activity	Dist. (m)*	Direction
8006236	Environmental Audit	Null	Null	ALBERTON WIND FARM SOUTH GIPPSLAND HWY	53V Audit reccomendations	0.0	Onsite
8003032	Environmental Audit	Null	Null	DSE REGENERATION & FINALISATION OF HARVEST & THINNING COUPES - GIPPSLAND	EPA Processing	Not mapped	Not mapped

If the record does not contain a complete street address and/or cannot be located, the records' geographic location will be approximated and reported as being within the surrounding area.

Clean Up, Penalty Notices and Orders

Nº	Type	Licence holder	Location Name	Premise Address	Details	Dist. (m)*	Direction
Not identified	-	-	-	-	-	-	-

If the record does not contain a complete street address and/or cannot be located, the records' geographic location will be approximated and reported as being within the surrounding area.

Table 3.2.1 Licences, Approvals & Assessments		
State	**Regulatory Body**	**Information included in this search (by state)**
ACT	EPA (Environment Protection Authority)	Environment Protection Authorisation Search Environment Protection Agreement Search

Table 3.2.1 Licences, Approvals & Assessments		
NSW	EPA (Environment Protection Authority)	POEO Public Register (Environment Protection licences, Applications, Notices, Audits or Pollution studies and Reduction Programs)
NT	EPA (Environment Protection Authority)	Environment Protection Licences and Approvals
QLD	DES (Department of Environment and Science)	Environmental Authorities
SA	EPA (Environment Protection Authority)	Licences or Authorisations (Licences, Exemptions and Works Approvals) Environment Protection Orders (EPO) and Clean Up Orders (CUO)
TAS	EPA (Environment Protection Authority)	Regulated Sites and Premises
VIC	EPA (Environment Protection Authority)	Permissions Register (Operating Licence, Permit and Registration) Audit Reports
WA	DWER (Department of Water and Environmental Regulation)	Licences and Works Approvals

3.3a SITES REGULATED BY OTHER JURISDICTIONAL BODY

Map 3.3a (3000m Buffer)

Contaminated Legacy Areas

Site Name	Description	Distance (m)	Direction
Not identified	-	-	-

Includes known contaminated areas such as James Hardies Asbestos waste legacy areas, Pasminco Smelter and Uranium processing site.

Defence, Military Sites and UXO Areas

Site name	Type*	Details	Distance (m)	Direction
Not identified	-	-	-	-

**RCIP (Regional Contamination Investigation Program). UXO (Unexploded Ordnance Areas)*

Former Gasworks Sites

Site name	Description	Distance (m)	Direction
Not identified	-	-	-

PFAS Sites

Site name	Type	Details	Distance (m) *	Direction
Not identified	-	-	-	-

3.3b OTHER POTENTIAL HAZARD SOURCES

Map 3.3b (3000m Buffer)

Mines and Quarries (current and historical)

Site name	Description	Status	Distance (m)	Direction
Not identified	-	-	-	-

Landfills (current and historical)

Site name	Description	Status	Distance (m)	Direction
Alberton West	Uncontrolled Landfill. Estimated Year of Closure: 1999 (Victoria Unearthed)	Former	2323.9	North

National Pollutant Inventory (NPI)

Facility name	Address	Primary ANZSIC Class	Latest report	Distance (m)	Direction
Not identified	-	-	-	-	-

Section 4 Potentially Contaminated Areas

4.1 POTENTIALLY CONTAMINATING ACTIVITIES

Map 4.1 (3000m Buffer)

Industries, businesses and activities that may cause contamination

Map ID	Site name	Category	Description	Address	Status*	Dist. (m)*	Direction
1	Fire Station	Fire and Rescue	Fire Station	Alberton West VIC 3971	Current	1044.1	North-east
4	Alberton Timber & Treatment Plant	Manufacturing and Industrial Facilities	Lumber store	S Gippsland Hwy, Alberton VIC 3971	Current	1581.5	East
2	Endeavour Alberton	Petrol Stations and Fuel Terminals	Petrol Station	131 Broughton Street, Alberton	Current	1986.0	East
3	Alberton Marine	Depots and Storage Yards	Marine supply store	39 Johnson St, Alberton VIC 3971	Current	2057.3	East
5	Hedley Fire Station	Fire and Rescue	Fire station	Hedley VIC 3967	Current	2506.0	West

**Status: Information is current as when this report was created.*
The operational status of the business is determined using the available data sources and does not indicate real-time conditions at the site.
Current: business is operating on the day this report was issued.
Former: business that have been closed or discontinued within 2 years from the date of this report.

Categories included in this search. (Notifiable activities)		
Abattoirs	Explosives and Dangerous Goods	Paint Industries
Abrasive Blasting	Extractive Industries	Petrol Stations
Agriculture / Horticulture	Fire and Rescue	Pharmaceuticals
Airports	Food Manufacturing	Port and Marina Operations
Asbestos	Foundry, Smelting or Refining	Power Plants
Asphalt or Bitumen	Fuel Terminals & Depots	Printing and Photography
Batteries	Glass, Ceramics and Plastic	Rail Industry and Associated Activities
Breweries / Distilleries	Gun, Pistol or Rifle Ranges	Rubber and Tyre

Categories included in this search. (Notifiable activities)		
Cement, Concrete or Lime	Hospitals and Research Facilities	Storage Tanks
Cemeteries	Landfill Sites	Substations and Switching Stations
Chemicals	Livestock Dips	Textiles and Tannery
Coal Yards	Mechanical and Automotive	Timber, Pulp and Paper Works
Depots and Storage Yards	Metal Fabrication and Treatments	Waste and Recycling Facilities
Dry Cleaners	Oil and Gas	Wastewater Treatment Facilities
Electrical or Electrical Components	Other Infrastructure Facilities	-

Industries, businesses, and activities identified as having an increased likelihood of causing contamination.

The industries and business activities listed above have been identified as having an increased likelihood of causing contamination and have been identified through published state and national guidelines and regulations. These industries are noted due to their potential to store or use substances that could cause contamination to the surrounding environment if not managed appropriately. The identification of these activities does not imply the presence of contamination at the site.

The records identified are based on the reported business activity and have not been assessed based on any current or previous site inspection. Please note that records not identified within this section (due to error or unforeseen omission) does not necessarily mean that the screened area is not potentially contaminated or free of any risks.

4.2 HISTORICAL BUSINESS DIRECTORIES (not mapped)

YEAR	Activity	Name	Address	Positional accuracy	Distance (m)	Direction
1940	Dairy Farmers	Cotter, 0., Gelliondale	0 Gelliondale Road, Gelliondale Victoria 3971, Australia	Address	141.6	North
2005	Fishing Trips	Razorback Blue Water Charters	77 Turnell St, ALBERTON,VIC,3971	Address	1986.9	East
2010	Boat & Yacht Builders	Alberton Marine	39 Johnson St ALBERTON 3971 VIC	Address	2078.5	East
2005	Excavating & Earth Moving Contractors	Roger Were & Son	2 Brewery Rd, ALBERTON,VIC,3971	Address	2726.5	East
2015	Dairy Equipment & Supplies	Yarram & District Dairy Service	219 Meadows Rd Alberton VIC 3971	Address	581.5	North-east
2015	Fertiliser Supplies	Farm Bio-Logical	219 Meadows Rd Alberton VIC 3971	Address	581.5	North-east
2010	Dairy Equipment & Supplies	Yarram & District Dairy Service	219 Meadows Rd ALBERTON 3971 VIC	Address	870.5	North-east
1980	RESINS	Borden Chemical Co (Aust) Pty Ltd	2 James Road, Hedley Victoria 3967, Australia	Address	956.6	North
1905	Carriage, Coach, & Waggon Builders & Dealers	Mansfield.Wm.	Turnbull St Alberton	Street		East
1905	Ham & Bacon Curers	Wilson & Duffield	Turnbull St Alberton	Street		East
1930	Carriers and Forwarding Agents	Gabel, Jas., W elshpool	James Road, Welshpool Victoria 3967, Australia	Street		North
1930	Carriers and Forwarding Agents	Gabel, Jas., W elshpool	James Road, Welshpool Victoria 3967, Australia	Street		North
1940	Dairy Farmers	Ward, Jas., Alberton West	James Road, Alberton West Victoria 3967, Australia	Street		North
1940	Farmers	Turnbull, Archd., Won Wron	Turnbull Street, Alberton Victoria 3971, Australia	Street		East
1940	Farmers	Goodson, Joseph, Binginwarri	Goodson Track, Binginwarri Victoria 3971, Australia	Street		North-west
1940	Dairy Farmers	Goodson, J., Gelliondale	Goodson Track, Jack River Victoria 3971, Australia	Street		North-west
1990	INSULATION CONTRACTORS	Australian Styrene Insulators&Supplies	Faulkner Road, Alberton West Victoria 3971, Australia	Street		North
2005	Panel Beaters & Painters	Bob Vardy Panels	South Gippsland Hwy, ALBERTON,VIC,3971	Street		North-east
2005	Timber Treatment & Preservation	Alberton Timber & Treatment Plant Pty Ltd	South Gippsland Hwy, ALBERTON,VIC,3971	Street		North-east
2015	Timber Logging & Harvesting	Hancock Victorian Plantations Pty Ltd	Telegraph Rd Alberton VIC 3971	Street		East
2005	Farmers	G Pearson	Pearsons Rd, HEDLEY,VIC,3967	Street		South-east
2005	Concrete--Pre-Mixed	Davidson Quarries Pty Ltd	Madalya Rd, YARRAM,VIC,3971	Street		North-east

YEAR	Activity	Name	Address	Positional accuracy	Distance (m)	Direction
2005	Farmers	L M&I Jordan	Alberton Rd, YARRAM,VIC,3971	Street		North-east
2005	Farmers	D W&L E Gregory	Gelliondale Rd,ALBERTON WEST,VIC,3971	Street		North-east
2005	Nurseries--W'sale	Tarra Wholesale Nursery	Cnr Bank Street & South Gippsland Hwy, ALBERTON,VIC,3971	Street		North-east
2005	Gaming Machine Venues	Tooradin & District Sports Club	Recreational Reserve South Gippsland Hwy, TOORADIN,VIC,3980	Street		West
2005	Agistment	Seaton Park Enterprises	Hedley La, TALLAROOK,VIC,3659	Street		West
2005	Poultry Farmers & Dealers	Old Port Poultry Farm	Old Port Rd, ALBERTON,VIC,3971	Street		South-east
2005	Caravan & Tourist Parks	Port Albert Seabank Caravan Park	Old Port Rd,PORT ALBERT,VIC,3971	Street		South-east
2005	Camps	Forest Lodge Farm	Forest Lodge Rd,ALBERTON WEST,VIC,3971	Street		North
2010	Farmers & Agriculturalists	Pearson G	Pearsons Rd HEDLEY 3967 VIC	Street		South-east
2010	Concrete - Ready-Mix	Davidson Quarries Pty Ltd	Madalya Rd YARRAM 3971 VIC	Street		North-east
2010	Farmers & Agriculturalists	Gregory Dw & Le	Gelliondale Rd ALBERTON WEST 3971 VIC	Street		North-east
2010	Scrapbooking & Layouts	Scrappin Shack	Cnr Orr & Bank Sts ALBERTON 3971 VIC	Street		East
2010	Poultry & Egg Farmers & Dealers	Old Port Poultry Farm	Old Port Rd ALBERTON 3971 VIC	Street		South-east
2015	Farmers & Agriculturalists	Pearson G	Pearsons Rd Hedley VIC 3967	Street		South-west
2015	Monument & Memorial Masons	Casbolt T M & E	Meadows Rd Alberton VIC 3971	Street		North-east
2015	Potato Growers & Cultivation	H B Pearson	Hedley St Hedley VIC 3967	Street		West
2015	Farmers & Agriculturalists	Gregory D W & L E	Gelliondale Rd Alberton West VIC 3971	Street		North
2015	Poultry & Egg Farmers & Dealers	Old Port Poultry Farm	Old Port Rd Alberton VIC 3971	Street		South-east
1915	Boot & Shoe Manufacturers & Salesmen	Morse, Chas. H.	Morse, Chas. H., Alberton	Suburb		East
1915	Masons & Stone Cutters	Barry, Charles.	Barry, Charles., Alberton	Suburb		East
1915	Butter Factories Proprietary & Private	P. W. Heyman.	Alberton, P. W. Heyman.	Suburb		East
1915	Engineers & Machinists	Harman, Thos.	Harman, Thos., Alberton	Suburb		East
1915	Brick Makers	Wigg, William	Wigg, William, Alberton	Suburb		East
1915	Blacksmiths, Farriers, & Wheelwrights	Mansfield, W. F.	Mansfield, W. F., Alberton	Suburb		East

YEAR	Activity	Name	Address	Positional accuracy	Distance (m)	Direction
1915	Coach, Carriage, & Waggon Builders	Mansfield, Wm. F.	Mansfield, Wm. F., Alberton	Suburb		East
1915	Aerated Water & Cordial Manufacturers	Leeson, Mrs J.	Leeson, Mrs J., Alberton	Suburb		East
1925	Coach, Carriage, & Waggon Builders	Mansfield, Wm. F.	Mansfield, Wm. F., Alberton	Suburb		East
1925	Butter Factories	nan	Alberton	Suburb		East
1925	Boot & Shoe Manufacturers & Salesmen	Morse, Chas. H.	Morse, Chas. H., Alberton	Suburb		East
1925	Blacksmiths, Farriers, & Wheelwrights	Mansfield. W. F.	Mansfield. W. F., Alberton	Suburb		East
1930	Carriers and Forwarding Agents	B ickerton, Jno. J ., G elliondale	Gelliondale, Victoria, Australia	Suburb		West
1930	Storekeepers	P ty L td, G elliondale	Gelliondale, Victoria, Australia	Suburb		West
1930	Carriers and Forwarding Agents	B ickerton, Jno. J ., G elliondale	Gelliondale, Victoria, Australia	Suburb		West
1930	Storekeepers	D essent, F. B ., G elliondale	Gelliondale, Victoria, Australia	Suburb		West
1930	Storekeepers	D essent, F. B ., G elliondale	Gelliondale, Victoria, Australia	Suburb		West
1930	Storekeepers	P ty L td, G elliondale	Gelliondale, Victoria, Australia	Suburb		West
1930	Carriers and Forwarding Agents	H orton, Charles T ., Alberton	Alberton, Victoria, Australia	Suburb		East
1930	Plumbers, Gasfitters & Tinsmiths	H arm an, T h os., A lberton	Alberton, Victoria, Australia	Suburb		East
1930	Carpenters	Sladden, T h os., A lberton	Alberton, Victoria, Australia	Suburb		East
1930	Plumbers, Gasfitters & Tinsmiths	H arm an, T h os., A lberton	Alberton, Victoria, Australia	Suburb		East
1930	Storekeepers	P ropsting, C. E., Alberton W .	Alberton, Victoria, Australia	Suburb		East
1930	Carriers and Forwarding Agents	H orton, Charles T ., Alberton	Alberton, Victoria, Australia	Suburb		East
1930	Storekeepers	P ropsting, C. E., Alberton W .	Alberton, Victoria, Australia	Suburb		East
1930	Engineers & Machinists	H arm an, T ., Alberton	Alberton, Victoria, Australia	Suburb		East
1930	Carpenters	Sladden, T h os., A lberton	Alberton, Victoria, Australia	Suburb		East
1930	Engineers & Machinists	H arm an, T ., Alberton	Alberton, Victoria, Australia	Suburb		East
1935	Boot & Shoe Manufacturers & Salesmen	Morse, Chas. H.	Morse, Chas. H., Alberton	Suburb		East

YEAR	Activity	Name	Address	Positional accuracy	Distance (m)	Direction
1940	Dairy Farmers	Kee, J., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Brain, H. J. & M. P., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	McPherson, N. J., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Storekeepers	Dessent, F. B., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Farmers	May, Robt. W., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Farmers	Vening, A. J. & Wm. S. G., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Albert, Wm., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	O'Neil, C. W., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Griffiths, John L.. Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Langtip, G. Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Kallady, A. J. & V. D.. Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Lane, H., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Farmers	Attenborough, E J., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Farmers	Barry, Jno. F., Gelliondale	Gelliondale, Victoria, Australia	Suburb		West
1940	Farmers	Reddick, Jas. F., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Morris, Jas. J., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Brain, D. McL., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Brown, Walter J.. Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	West, Alfred & C. IL, Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Crang, A. C., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Wight, Geo., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Dessent, A. G., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Little, Jas. P., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Vening Bros, Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Vardy, Percival J., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Jephson, Win. T. Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Dairy Farmers	Wilson Bros., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	McAninly, Jas. T., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Hickey, John P., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Barry , Edmond, Alberton West	Alberton West, Victoria, Australia	Suburb		West

YEAR	Activity	Name	Address	Positional accuracy	Distance (m)	Direction
1940	Farmers	Roberts, Richd. P., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	McGalliard, T. J., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Gregory, Cecil G., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Storekeepers	Thompson, O. W., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Dairy Farmers	McCulloch, Wm., Alberton West	Alberton West, Victoria, Australia	Suburb		West
1940	Farmers	Couthard, Albt. E., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Carriers & Cartage Contractors	Stares, S. M., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Thomas, Chas., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Egan, Edwd. J., Alberton W.	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Brain, W. W., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Boot & Shoe Repairers	Morse, Chas. H.. Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Wagstaff. Ernest. Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Rendell, Edgar, Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Stockwell, John R., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Tuckey, Jno. F., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Macphail, Allan A., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Lloyd, John W., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Horton, Leslie E., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Moorfield, Percy D., Alberton W.	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Roberts & Bland, Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Appleyard, A. R. & T. W., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Gaskell, Chas. D.. Alberton W.	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Doran. Win. J. G., Alberton W.	Alberton, Victoria, Australia	Suburb		East
1940	Storekeepers	Bland, Robt., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Dessent, L., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Butter Factories	Ryan & Ryan, Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Smith, Noel, Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Appleyard, A. H., Alberton W.	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Ray, Robert H., Alberton	Alberton, Victoria, Australia	Suburb		East

YEAR	Activity	Name	Address	Positional accuracy	Distance (m)	Direction
1940	Farmers	Christensen, J. N. & N. J., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Barry, C. J., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Todd, P. G., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Todd, W. H., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Baldwin. Alfred. Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Farmers	Mowat, Harold D., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Attenborough, J. E., Alberton W.	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Irvine, Miss R. C., Alberton	Alberton, Victoria, Australia	Suburb		East
1940	Dairy Farmers	Wood, Herbt. V., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	Atkin, Jno. F.. Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Dairy Farmers	Hodgson, N.. Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	Pritchard, C., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	Cole, Douglas G., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	Greenaway, Richd. F., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	Todd, Peter. Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Dairy Farmers	Morgan, I. & J., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	Jebson, R., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	McPhail, A. & L. IL, Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Dairy Farmers	Humphrey, C. A., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1940	Farmers	Pollock, Sam/. G., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1945	Butter Factories	Ryan & Ryan	Ryan & Ryan, Albertan	Suburb		East
1950	Mechanics' Institutes and Free Libraries	Alberton West, Alexandra, Allansford.	Alberton West, Victoria, Australia	Suburb		West
1950	Boot & Shoe Repairers	Morse, Chas. H., Alberton	Alberton, Victoria, Australia	Suburb		East
1950	Grocers	Fidge, P. J „ Hedley	Hedley, Victoria, Australia	Suburb		South-east
1950	Carriers & Cartage Contractors	Fraser, J., Hedley	Hedley, Victoria, Australia	Suburb		South-east
1965	Service Stations	Dura, G & C.	Dura, G & C., Alberton	Suburb		East
1965	Monumental Masons	Casbolt, T M	Casbolt, T M, Alberton	Suburb		East
1940	Dairy Farmers	Cotter, 0., Gelliondale	0 Gelliondale Road, Gelliondale Victoria 3971, Australia	Address	141.6	North

YEAR	Activity	Name	Address	Positional accuracy	Distance (m)	Direction
2015	Poultry & Egg Farmers & Dealers	Old Port Poultry Farm	Old Port Rd Alberton VIC 3971	nan		South-east

Land Insight uses a number of address geocoding techniques and has characterised them based on completeness (match rates) and positional accuracy. When a historical street address is incomplete or a match is not found, a record identified as being in the surrounding area will be included for reference and the accuracy of the data is approximate only. An explanation of the positional accuracy records is defined in the table below.

Historical data positional accuracy and georeferencing results explanation		
Positional accuracy	**Georeferenced**	**Description**
Address	Located to the address level	*When street address and names fully match.*
Street	Located to the street centroid	*When street names match but no exact address was found. Location is approximate.*
Place	Located to the structure, building or complex	*When building, residential complex or structure name match but no exact address was found. Location is approximate.*
Suburb	Located to the suburb area	*When suburb name match but no exact address was found. Location is approximate.*

The data used in this section was extracted from range of historical commercial trade directories and business listings. The business addresses were geocoded using historical information and the accuracy of the data may vary due to changes to the physical address at a given locality over time or the quality of the original records. From 2005, the historical business records in this section are considered more accurate as information was extracted from digital directories with geographic coordinate location information available. On this basis, reliance on the historic listing data should be considered when assessing the risk of contamination from an activity at the site. The presence of a business listing does not definitively confirm the actual activity that has occurred at the site. For more information on how these records were geocoded and the methodology used by Land Insight, contact us at info@landinsight.co.

Historical business directory listings have been filtered to match activities and industries identified as PCAs in Section 4.1. Please note that any record not identified within this section (due to error or unforeseen omission) does not necessarily mean that the screened area is not potentially contaminated or free of any risks.

Section 5 Natural Hazards

5.1 Fire Hazard

Map 5.1 (3000m Buffer)

Bushfire Prone Areas

Category	Type	Details	Distance (m)	Direction
Bushfire Management Area	BUSHFIRE MANAGEMENT OVERLAY	The Bushfire Management Overlay (BMO) is a planning control that applies to bushfire prone areas with very high and extreme bushfire hazards.	0.0	Onsite
Bushfire Prone Area	Bushfire Prone Area	Bushfire Prone Areas are areas where the bushfire hazard has been identified. These areas are subject to or likely to be subject to bushfires.	0.0	Onsite

Bushfire History

Type	Season	Details	Distance (m)	Direction
BURN	2011-2012		0.0	Onsite
BURN	2013-2014	Gelliondale - Ti Tree Rd	0.0	Onsite
BURN	1991-1992		0.0	Onsite
BURN	2012-2013	Port Albert - Pearsons Rd Ext	0.0	Onsite
BUSHFIRE	1997-1998		0.0	Onsite
BURN	1996-1997		0.0	Onsite
BURN	2012-2013	Alberton West - East Boundary	4.5	North-west

Type	Season	Details	Distance (m)	Direction
BURN	2011-2012	Alberton West - McPhails	28.1	North
BUSHFIRE	1982-1983		47.0	East
BURN	2012-2013	Alberton West - McPhails	49.8	North
BURN	1992-1993		83.7	North-west
BURN	1990-1991		253.9	South
BURN	1993-1994		277.7	South
BURN	2010-2011		956.6	North-west
BURN	1988-1989		1217.3	South
BUSHFIRE	1987-1988		1303.3	South
BUSHFIRE	2013-2014	Gelliondale - Pearsons Road	1408.7	South-west
BURN	2012-2013	Alberton West - Dinneer Track	1758.9	North
BURN	2012-2013	Alberton West - Nth Boundary	1838.0	North-west
BURN	1998-1999		2096.5	South
BUSHFIRE	2013-2014	GELLIONDALE - TELEGRAPH ROAD	2386.9	South
BURN	2009-2010	Poundyard Rd	2439.3	North
BUSHFIRE	1990-1991		2650.8	North-west
BURN	2012-2013	ALBERTON WEST - GOODSON TRACK	2733.1	North-west

5.2 Flood Hazard

Map 5.2 (3000m Buffer)

Flood Planning Area

Type	Name	Details	Distance (m)	Direction
Floodway Overlay	Floodway Overlay	These are planning scheme controls that apply to land affected by flooding associated with waterways and open drainage systems. Such areas are commonly known as floodplains. These overlays require a planning permit for buildings and works. (Source: Department of Energy, Environment and Climate Action – May 2023)	0.0	Onsite
Flood Prone Area - Land Subject To Inundation Overlay	Land Subject To Inundation Overlay	These are planning scheme controls that apply to land affected by flooding associated with waterways and open drainage systems. Such areas are commonly known as floodplains. These overlays require a planning permit for buildings and works. (Source: Department of Energy, Environment and Climate Action – May 2023)	0.0	Onsite

Other Flood Studies

Type	Name	Details	Distance (m)	Direction
1% AEP Flood Extent	Victoria - 1 in 100 Year Flood Extent - 2012	The probability of a flood event of a given size occurring in any one year, usually expressed as a percentage annual chance. A flood of this size or larger has a 1 in 100 chance or a 1% probability of occurring in any year.	0.0	Onsite
1% AEP Flood Extent	EXTENT_100Y_ARI - February 2018	The probability of a flood event of a given size occurring in any one year, usually expressed as a percentage annual chance. A flood of this size or larger has a 1 in 100 chance or a 1% probability of occurring in any year.	0.0	Onsite

Flood History

Type	Season	Details	Distance (m)	Direction
Not identified	-	-	-	-

The list provided is not comprehensive and does not consider all flood history. It only includes the information that is currently available.

5.3 Erosion Hazard

Map 5.3 (3000m Buffer)

Erosion Hazard

Category	Type	Details	Distance (m)	Direction
Landslip Erosion Risk	Low	Low	0.0	Onsite
	Very Low	Very Low	0.0	Onsite
	High	High	0.0	Onsite
	Very High	Very High	429.9	North
	Water Body	Not Applicable	825.3	North-east
Water Erosion Risk	Gully: Very Low; Sheet & Rill: Very Low	Very Low	0.0	Onsite
	Gully: High; Sheet & Rill: High	High	0.0	Onsite
	Gully: Low; Sheet & Rill: Low	Low	0.0	Onsite
	Gully: Low; Sheet & Rill: Very Low	Low	0.0	Onsite
	Gully: Moderate; Sheet & Rill: Very Low	Moderate	183.7	North-east
	Gully: Very High; Sheet & Rill: High	Very High	429.9	North
	Water Body	Not Applicable	825.3	North-east
Wind Erosion Risk	Low	Low	0.0	Onsite
	Very High	Very High	0.0	Onsite
	High	High	0.0	Onsite
	Moderate	Moderate	0.0	Onsite
	Water Body	Not Applicable	825.3	North-east

Land Insight

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Sydney NSW 2000 Australia
info@landinsight.co
www.landinsight.co

Land Insight RESOURCES

Enviro-Report Product Guide

2024

Terms and Conditions

Terms and Conditions
1. Land Insight & Resources (Land Insight) will perform the Services in accordance with these terms and conditions
2. By submitting the Application Form, the User acknowledges that it has read and understood these terms and conditions and agrees to be bound by them.
3.Land Insight reserves the right to change these terms and conditions. Any change shall be effective upon notice, which may be given by Land Insight posting such change on the Website, or by direct communication with the User.

Services
4.Land Insight agrees to undertake the Services using due skill, care and diligence.
5.The User assumes the sole risk of making use of, and/or relying on, the report and the Services. Land Insight makes no representations about the suitability, completeness, timeliness, reliability, legality, or accuracy of the Services.
6.Unless Land Insight agrees expressly otherwise:
(A) The Services are solely for the use and benefit of the User; and
(B) Land Insight does not accept any liability, whether directly or indirectly, for any liability or loss suffered or incurred by any third par ty placing any reliance on the performance of the Services or any Documents or material arising from or in connection with the Services.
7. The User warrants to Land Insight that it will not use the Services for any purpose that is unlawful or is otherwise inconsistent with these terms and conditions.
8. The User will not alter in any way or provide a copy of the report, or any Document prepared by Land Insight to any other person without Land Insight's prior written consent.

Payment Terms
9. The Fee will be payable at the time of submitting the Application Form unless invoicing payment terms have been negotiated prior to purchase with Land Insight.
10. The User and Land Insight may agree in writing to vary the Services. The fee for each variation shall be agreed between Land Insight and the User.
11. The User agrees to pay Land Insight the Fee, including the fee for any variation requested in accordance with clause 12.
12. If the User's rights are terminated and the User has made an advance payment, Land Insight will refund the User a reasonable proportion of the balance as determined by Land Insight in relation to the value of Services already provided.
13. GST at the prevailing rate is payable in addition to the Fee. The User agrees to pay any other applicable taxes, duties or government imposed fees related to the User's use of the Services.

Intellectual Property
14. Land Insight owns all intellectual proper ty in the Report and arising from or in connection with the Services.
15.Land Insight grants the User a royalty free licence to use Land Insight's intellectual proper ty for that User's personal assessment of its Proper ty(s) only.

Privacy Policy
16. Upon submitting the Application Form the User consents to Land Insight's use of the personal data provided by the User for the purposes of providing the Services.
17. The Reliance on the report, the use of the Services and the use of Land Insight's Website is at the User's own risk. The User accepts that Land Insight does not guarantee the confidentiality of any communication or information transmitted through the use of the Website.
18. Land Insight will not provide to any third par ty any personal data provided by a User without the User's permission.
19. The User acknowledges that any feedback provided to Land Insight over the Website is not confidential and that Land Insight has the right to publish, reproduce, disseminate, transmit, distribute and copy (in whole or in part) any such feedback without the approval of the User.
20. Land Insight assumes no responsibility or liability for any content, communications or feedback submitted by a User over the Website. If a User has submitted objectionable content, communications or Feedback, Land Insight may, in its sole discretion, terminate that User's account, take legal action, or notify the appropriate authorities or par ties, without prior notice.

Third Party Services
21. The User accepts that, although the Website may contain or provide information regarding applications, products and/or services provided or offered by third par ties, Land Insight does not recommend or endorse any such third par ty applications, products and/or services.
22. The report contains content provided to Land Insight by other par ties (Third Par ty Content). Land Insight is not responsible for, does not endorse and makes no representations either expressly or impliedly concerning the accuracy or completeness of any Third Par ty Content. You rely on the Third Par ty Content completely at your own risk.

Limit and Extent of Liability
23. Land Insight's liability is limited to the amount of the Fee. Liability arising in the provision of the Services is reduced to the extent that it arises out of or in connection with any negligent act or omission by the User.
24. Neither par ty is liable to the other for loss of actual or anticipated revenue or profits, increased capital or financing costs, increased operational or borrowing costs, pure economic loss, exemplary or punitive damages or indirect or consequential damages or loss.
25. In no event shall Land Insight or any directors, officers, employees or agents be liable for any indirect, punitive, incidental, special, or consequential damages arising out of or in any way connected with the use of the Website, any delay or inability to use the Website, any

information available on the Website, or otherwise arising out of the utilisation of the Website, whether based in contract, tor t, strict liability, or otherwise, even if Land Insight has been advised of the possibility of such damages. The negation of damages set forth herein is a fundamental element of the basis of the bargain between Land Insight and the User. The Services would not be provided without such limitations.

Property Verification

26. The User accepts that the Services provided do not take into account any information relating to the actual state or condition of the Property.
27. The User acknowledges that the Services are not to be interpreted as commenting on the physical characteristics or condition of the Proper ty, any particular purpose or use of that Proper ty or the saleability or value of the Property.

Termination and Modification

28. Land Insight reserves the right in its sole discretion to terminate, block or restrict the User's use of the Services or any portion thereof, for any reason, and without notice. In addition, Land Insight reserves the right in its sole discretion to terminate or modify any part of the Website without notice, for any reason.

Anti-Hacking

29. The User agrees not to directly or indirectly, attempt to or disrupt, impair, interfere with, alter or modify the Website or any of its content.
30. The User agrees not to allow, aid or abet third par ties to directly or indirectly, attempt to or disrupt, impair, interfere with, alter or modify the Website or any of its content, or obtain access to any information regarding any User or any other report issued to a User.

Complaints

31. Any complaints in relation to the Services should, in the first instance, be in writing and addressed to Land Insight Customer Service at: info@landinsight.co. Land Insight will respond to any such complaints in writing as soon as practicably possible.

General Matters

32. These terms and conditions are governed by and will be construed and enforced in accordance with the laws of the State of New South Wales, Australia. If any dispute, controversy or claim arises out of or relating to these terms and conditions, whether sounding in contract, tor t or otherwise, it shall be resolved by use of an alternative dispute resolution procedure acceptable to both par ties with the assistance of a mediator. If the dispute has not been resolved to the satisfaction of either par ty within 60 days of initiation of the procedure or if either par ty fails or refuses to participate in or withdraws from participating in the procedure, then either par ty may refer the dispute to the court.
33. These terms and conditions apply to all Services provided by Land Insight.
34. If there is any inconsistency between these terms and conditions and any other document or agreement between the par ties, these terms and conditions will prevail.
35. These terms and conditions represent the entire agreement between the par ties.
36. The User authorises Land Insight to destroy Documents which Land Insight has prepared or holds in connection with the Services 7 years after the last date on which the Services were provided.
37. If any of the terms of the Application Form or the terms and conditions are invalid, unenforceable or void, the relevant term must be read down to the maximum extent possible or severed from the rest of the Application Form or these terms and conditions.
38. These terms and conditions can only be amended or varied by a written document signed by both par ties.
39. Neither par ty may assign or transfer any rights or obligations arising in the provision of the Services or these terms and conditions without the other party's written consent.

Defined Terms

Application Form	Means the form and accompanying information provided on the Website, completed and submitted by the User to request the Services.
Document	Includes a report, and any other written or electronic document.
Fee	Means the amount set out in the Application Form or confirmed via an invoice.
Property	Means the proper ty to which the Services and the report relate.
Report	Means the Document prepared by Land Insight and provided to the User which contains the environmental and development data which is relevant to the Proper ty.
Services	Means the review of data and information on which the report is based, and the preparation and provision to the User of the report.
Website	Means Land Insight's online site, that is: www.landinsight.co
User	Means the person(s) set out in the Application Form including that person's permitted successors.

Data Sources

***NLUA - The Land Insight National Land Use Atlas (NLUA)**

Land Insights' NLUA is a unique, proprietary database, meticulously curated from over a decade's worth of research and hundreds of thousands of diverse information sources. NLUA provides a comprehensive overview of land usage and potential hazards, drawing from a wide array of reliable sources. These include verified Council Records, Historic Zoning Maps, Topographic and Parish Maps, and technically published reports.

NLUA integrates thoroughly researched information extracted from published reports, publications, and technical studies. It also incorporates Land Insight's proprietary machine learning process, which identifies land anomalies, patterns, and changes through aerial imagery interpretations.

Leveraging advanced technologies, NLUA verifies the provenance, authenticity, and precision of its data. This database undergoes rigorous validation procedures carried out by scientists, quality assurance teams, and technical experts. This ensures its accuracy and re and reliability before publication. For more information on methodologies and further inquiries, please contact the Land Insight teams at support@landinsight.co.

Section 1 - Property Setting

Sensitive Receptors

National - Google. Nearmap. @ Land Insight National Land Use Atlas (NLUA)*. Points of Interest - © OpenStreetMap. Australian Business Datalist, Australian Schools Database - @ Australian Business Datalist ABDL (with permission). Cadastre. National - The digital cadastral boundaries and their legal identifiers have been derived from the relevant bodies from each Australian State and Territory jurisdiction combined by Land Insight & Resources.

Topographic data and Contours. National - The digital contours data and elevation information have been derived from the relevant bodies from each Australian State and Territory jurisdiction combined by Land Insight & Resources. National - Catchments, Streams, Aquifers, Storages, Wetlands and Man-made Structures that make up the hydrological system - © Geoscience Australia. Parks and National and State Forest Data © Department of Agriculture, Fisheries and Forestry.

Planning Controls and Overlays

Zoning, Planning Overlays and Other Planning Information

The digital planning information have been derived from the relevant bodies from each Australian State and Territory jurisdiction combined by Land Insight & Resources.

Mine subsidence districts - © DFSI Subsidence Advisory NSW. ACT - ACT Territory Plan and Land Use Zones and ovleryas © ACT Government Environment, Planning and Sustainable Development Directorate – Environment. NSW – NSW Environmental Planning Instruments, Land Use Zoning, Local Environmental Plan - © State Government of NSW and NSW Department of Planning, Housing and Infrastructure. NT - NT Planning Scheme, Land Use Zones © NT Government Department of Infrastructure, Planning and Logistics. QLD - Land use mapping series, Land Use in QLD @ QLD Environment, Science and Innovation. QLD zoning information, various LGA Councils. SA - Land Development Zones, Planning and Design Code Zones and Overlays – © SA Government Department for Trade and Investment. TAS - Tasmania Planning Scheme, Zoning and Overlays, theLIST ©State of Tasmania. @ Department of Natural Resources and Environment Tasmania. VIC - Tasmania Planning Scheme, Zoning and Overlays, theLIST ©State of Tasmania. @ Department of Natural Resources and Environment Tasmania. WA - Local Planning Scheme and Region Scheme, Zones and Reserves, © WA Government Department of Planning, Lands and Heritage.

Heritage

Commonwealth Heritage List, National Heritage List and World Heritage Area

AUS - World, Commonwealth, and National Heritage Areas – World Heritage List, UNESCO. Australia's World Heritage List, © Australian Government Department of Sustainability, Environment, Water, Population and Communities. @ Department of Climate Change, Energy, the Environment and Water.

State and Local Heritage Registers

ACT - ACT Heritage Sites © ACT Government Environment, Planning and Sustainable Development Directorate – Environment. NSW - NSW EPI Heritage, NSW Heritage State Curtilage @ NSW Department of Premier and Cabinet, Heritage Council of NSW. NT - Heritage Register in NT, NT Town Planning Zones Heritage - © NT Government of Australia through Department of Tourism, Sport and Culture. QLD - Queensland Heritage register boundaries, Queensland Local Heritage. © QLD Government Department of Environment and Science. Data from various local councils compiled by Land Insight Research Team (LIRT). SA - SA Heritage Places, SA Conservation State Hertiage Areas, SA Conservation State Heritage Areas, Aboriginal Heritage in SA @Governemtn of South Australia © SA Government Department for Trade and Investment, Department for Environment and Water. TAS - Heritage Tasmania Features theLIST ©State of Tasmania. VIC - VIC Heritage Inventory, VIC Sensitivity Public, VIC Heritage Register © VIC Government Department of Energy, Environment and Climate Action; Department of Premier and Cabinet. WA - WA Heritage Areas, WA Heritage Council Local Heritage Survey, WA Heritage Council State Heritage Survey, WA Aboriginal Heritage Places © WA Government Department of Planning, Lands and Heritage.

Soil and Land Use Information

Soil landscape

Soil Mapping, Information & Landscape - Digital Atlas of Australian Soils, Bureau of Rural Sciences (BRS); Commonwealth Scientific and Industrial Research Organisation (CSIRO) Australian Soil Resource Information System (ASRIS).

Australian Soil Resource Information System - Australian Soil Classification @ Geoscience Australia, ASRIS Australian Soil Classification @ CSIRO Soil and Landscape Information of Australia @ CSIRO. Australian national map layers, Atlas of Australian Soils - @ ABARES Australian Bureau of Agricultural and Resource Economics and Sciences.

ACT Soil Landscapes, Soil Landscapes of the Canberra 1:100,000. © Australian Capital Territory Government, @ State Government of NSW and NSW Department of Climate Change, Energy, the Environment and Water. NSW Great Soil Group (GSG) Soil Type, Australian Soil Classification (ASC) soil type, Strategic Regional Land Use and Soil Profiles, 1:100 000 Soil Landscape Series, 1:250 000 Soil Landscape Series © State Government of NSW and NSW Department of Climate Change, Energy, the Environment and Water. NT Northern Territory Land Systems compilation 1:1 000 000, 1:250 000 @ Environment, Parks and Water Security. QLD Land systems series, Soil Series and Soil and land resource information © The State of Queensland. SA Land Systems & Soil Types, Soils of South Australia @ Department for Environment and Water. TAS Soil Maps of Tasmania 1:100 000 various regions. Dominant Soil Order TAS @ Department of Natural Resources and Environment Tasmania. VIC Victorian Soil type mapping, VIC Land units (various regions), Victorian Land Use Information System, Land Systems of Victoria at 1:100 000 and 1:250 000 @ Department of Energy, Environment and Climate Action. WA Soil Landscape Mapping - Best Available, Soil Landscape Mapping – Systems, WA Soil Group @ Department of Primary Industries and Regional Development.

Soil salinity

ACT - Hydrogeological Landscapes, Soil Landscapes of the Australian Capital Territory @ actmapi ACT gov. NSW – Hydrogeological landscapes mapping, Sydney Metropolitan Western Study Area Hydrogeological Landscapes; New South Wales – Dryland Salinity Assessment 2000 – Assessment of Dryland salinity extent 2020 - © State Government of NSW and NSW Department of Climate Change, Energy, the Environment and Water; Australian Bureau of Agricultural and Resource Economics and Sciences. NT - Land Suitability Guidelines @ Department of Infrastructure, Planning and Logistics NT. QLD - Salinity in Queensland @ Environment, land and water QLD. SA - Land salinity, Dryland salinity, Watertable and non-watertable @ Department for Environment and water SA. TAS - Vulnerable Soils: Salinity Hazard @ thelist Land Tasmania. VIC - Victorian Dryland Salinity Assessment 2000 - Australian Bureau of Agricultural and Resource Economics and Sciences. WA - Dryland salinity in Western Australia - © Department of Primary Industries and Regional Development's Agriculture and Food.

Acid Sulfate Soils

National, State and Local Acid Sulfate Soils Registers

AUS - Acid sulfate Soils - Atlas of Australian Acid Sulphate Soils @ CSIRO. ACT - Environmental Planning Instrument (Acid Sulfate Soils) - © State Government of NSW and NSW Department of Planning, Housing and Infrastructure. NSW - Environmental Planning Instrument (Acid Sulfate Soils); Land and Soil Capability Mapping for NSW - © State Government of NSW and NSW Department of Planning, Housing and Infrastructure; © State Government of NSW and NSW Department of Climate Change, Energy, the Environment and Water. NT – Acid Sulfate Soils of the Darwin Region; Northern Territory Land Systems (compilation of north_250 and south_1M) - © Northern Territory Government of Australia Environment, Parks and Water Security. QLD – Acid sulfate soils series - © The State of Queensland Environment and Science. SA – Acid Sulfate Soil Potential - @ Government of South Australia Department for Environment and Water. TAS – Marine Acid Sulfate Soils; Inland Acid Sulfate Soils; Coastal Acid Sulfate Soils; Acid Sulfate Soils - Resource Management and Conservation. VIC - Coastal Acid Sulphate Soils - Department of Jobs, Skills, Industry and Regions. WA - Acid Sulfate Soil Risk Map 100K; Soil landscape land quality - Subsurface Acidification Risk - @ Department of Water and Environmental Regulation; Department of Primary Industries and Regional Development.

Geology and Topography

Naturally Occurring Asbestos NOA

Naturally Occurring Asbestos in NSW © State of New South Wales and Department of Planning and Environment; WA Management of Asbestos In Mining Operations Department of Industry and Resources; SA Carbonate-hosted asbestos occurrences in South Australia: review of geology and implications for mesothelioma [Hendrickx, M.]; Mapping of naturally occurring asbestos in NSW [NSW Trade & Investment, Division of Resources & Energy]

Geology

ACT - New South Wales Seamless Geology dataset (latest version 2.3), various geology data sources 1:25K to 1:100K - © Department of Regional NSW. NSW - New South Wales Seamless Geology dataset (latest version 2.3) - © Department of Regional NSW. NT - Geological digital data 1:100 000 sheet - © Commonwealth of Australia (Geoscience Australia). QLD - Queensland geology detailed surface geology 1:100K and Queensland geology state surface geology 1:2M - © State of Queensland (Department of Resources). SA - 1:100K Geology (surface geology) - © SA Government Department of Energy and Mining, Customer Services. TAS - 1:25K and 1:250K Geology Data and Maps - © TAS Government Department of Infrastructure, Energy, and Resources (Mineral Resources Tasmania). VIC – Geological units represented as two dimensional polygons (1:50,000), and Geological units represented as two dimensional polygons (1:250,000) - © VIC Government Department of Jobs, Skills, Industry and Regions. WA - 1:50K Geological series map, 1:100K Geological series map, and 1:500K State interpreted bedrock geology - © WA Government Department of Mines, Industry Regulation and Safety.

Section 2 - Hydrogeology

GDE & Hydrogeology Constraints

Aquifer

The National Hydrogeological Inventory, Commonwealth of Australia (Geoscience Australia). Australian Hydrological Geospatial Fabric @ Department of Climate Change, Energy, the Environment and Water, National Aquifer Network © Commonwealth of Australia (Bureau of Meteorology)

Groundwater Protection Areas and Groundwater Restricted Use Zones

Groundwater Protection Areas – © State of New South Wales and Department of Planning and Environment, NT Environment, Parks and Water Security, QLD Department of Resources, SA Environment Protection Authority (EPA), TAS TasWater, VIC Department of Environment, Land, Water & Planning; WA Department of Water and Environmental Regulation. Groundwater Licences - The Perth Groundwater Atlas and Department of Water (DoW) database © State of Western Australia. NSW - Groundwater Restricted Use Zones: EPI Groundwater Vulnerability, Botany Groundwater Management Zone, Williamtown Management Area, UPSS Environmentally Sensitive Zone, EPI Drinking Water Catchments – EPA NSW; NSW Department of Planning, Industry and Environment. NSW Temporary Water Restrictions Order Botany Sands groundwater - @ The NSW Department of Industry—Lands & Water. NT - Groundwater Restricted Use Zones: NT Water Protection Areas - Department of Environment, Parks and Water Security. QLD - Groundwater Restricted Use Zones: Water Licences, Groundwater Management Areas, Surface Water Management Areas, Water Plan Catchments - Department of Resources. SA - Groundwater Restricted Use Zones: EPA Groundwater Prohibition Area – EPA SA. TAS - Groundwater Restricted Use Zones: Drinking Catchments, Water Management Plan Areas, Water Districts. VIC - Groundwater Restricted Use Zones: GMA, Groundwater Resources, Water Supply Protection Areas, Water Asset Database, Groundwater Catchments – © EPA Victoria. WA -Groundwater Restricted Use Zones: Gnangara Groundwater Protection, Jandakot Groundwater Protection, Groundwater Areas, PDWSA, Water Licences – Department of Water and Environmental Regulation.

Wetlands

Ramsar Wetlands of Australia - Directory of Important Wetlands in Australia (DIWA) – DCCEEW Department of Climate Change, Energy, the Environment and Water. ACT - Wetland Mapping - © State of New South Wales and Department of Planning and Environment. Important Wetlands - © Australian Capital Territory. NSW - Wetlands, Ramsar Sites, and various sources – © State of New South Wales and Department of Planning and Environment. NSW Environmental Planning Instruments (Wetlands, Coastal Wetlands), © State Government of NSW and NSW Department of Planning, Housing and Infrastructure NT - Wetlands and Ramsar Sites - @ Department of Environment, Parks and Water Security. QLD - Local Significant Wetlands and Ramsar Sites - @ Department of Environment and Science. SA - Ramsar Wetlands - @ Department for Environment and Water. TAS - Ramsar Wetlands - @ Land Tasmania. VIC - Victoria Wetlands and Ramsar Sites, @ Department of Energy, Environment and Climate Action. WA - Geomorphic Wetlands (various), Consanguineous Wetlands Suites, Ramsar Sites, @ Department of Biodiversity, Conservation and Attractions.

Groundwater Dependent Ecosystems

Groundwater Dependent Ecosystems (GDE) – Terrestrial (subsurface) and Aquatic (surface) - © Commonwealth of Australia (Bureau of Meteorology).

Groundwater Bores & Lithology details

Groundwater bores and lithology - National Groundwater Information System (NGIS) Dataset. - © Australian Government Bureau of Meteorology. © Water NSW. Groundwater Bores – © Australian Capital Territory. VIC Groundwater Sites, Domestic and stock groundwater bores @ DELWP. WA GW Bores, @ Department of Agriculture Resource Management. SA WaterConnect @ State of South Australia.

Groundwater Salinity

AUS - Groundwater Salinity – © Commonwealth of Australia, Bureau of Meteorology. Groundwater Salinity - ACT - Canberra Hydrogeological Landscape, Hydrogeological Landscape Reports, Salinity, actmapi @ACT gov. NSW – Salinity locations and mapping, Hydrogeological landscapes, @ NSW Environment and Heritage. NT - Dryland Salinity Hazard of the Northern Territory, @ Environment, Parks and Water Security NT. QLD - Salinity in Queensland, @ QLD gov. SA - Annual ground water salinity sampling, @ Landscape South Australia. TAS - Groundwater Salinity - © Department of Natural Resources and Environment Tasmania. VIC - Groundwater Salinity - © State Government of Victoria. Groundwater Salinity - Department of Water and Environmental Regulation. WA – Salinity & Dryland salinity in Western Australia, @ Department of Agriculture and Food WA.

Other Known Borehole Investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes)

Other Known Borehole Investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes) – NSW Planning & Environment (Resources & Energy); Department of Energy, Environment and Climate Action. Other Known Borehole Investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes) – © The State of Queensland, © Commonwealth of Australia (Geoscience Australia), Other Known Borehole Investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes, Drillholes within South Australia, Mineral Drillholes) - @ SA Government Department for Environment and Water; Department for Energy and Mining. Other Known Borehole Investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes) - Department of Water and Environmental Regulation, © Government of Western Australia Department of Mines, Industry Regulation and Safety. Other Known Borehole Investigations (Coal Seam Gas (CSG), Petroleum Wells and Other Boreholes), various sources @ Land Insight National Land Use Atlas (NLUA).

Contaminated Land Public Register

ACT - Register of Contaminated Sites, Contaminated Land Search (per request) - © Australian Capital Territory, Environment Protection Authority. NSW - Sites Notified as Contaminated, Records of Notices - © State of NSW and the NSW Environment Protection Authority. NT - Contaminated Land Audit, Pollution Abatement Notice - Northern Territory Environment Protection Authority. QLD - Contaminated Land Search (Environmental Management and Contaminated Land Registers – per lot) - © The State of Queensland (Department of Environment, Science and Innovation). SA - Site Contamination Index, Assessment Areas - © Government of South Australia Environment Protection Authority. TAS - Regulated Sites and Premises, Lutana and Parts of Hobarts Eastern Shore - © The Crown of Tasmania, Environment Protection Authority. VIC - Priority Sites Register, Pollution Abatement Notice - © EPA Victoria. WA - Contaminated Sites Database - © Government of Western Australia, Department of Water and Environmental Regulation.

Licences, Approvals, & Assessments

ACT - Environment Protection Authorisation Search, Environment Protection Agreement Search - © Australian Capital Territory, Environment Protection Authority. NSW - POEO Public Register - © 2023 State of NSW and the NSW Environment Protection Authority. NT - Environment Protection Licences - © Northern Territory Environment Protection Authority. QLD - Environmental Authorities - © The State of Queensland (Department of Environment, Science and Innovation). SA - Licences or Authorisations, Environment Protection Orders (EPO), Clean-Up Orders (CUO), Assessment Areas - © Government of South Australia Environment Protection Authority. TAS - Regulated Premises - © The Crown of Tasmania, Environment Protection Authority. VIC - Permissions Register, Audit Reports - © EPA Victoria. WA - Licences and Works Approvals - © Government of Western Australia, Department of Water and Environmental Regulation.

Sites Regulated by Other Jurisdictional Body

Contaminated Legacy Areas

Contaminated Legacy Areas mapped by Land Insight Research team @ Land Insight National Land Use Atlas (NLUA)*. James Hardie Asbestos Waste Contamination Legacy @ The Australian Asbestos Network, Loose-fill Asbestos register @NSW Department of Climate Change & Water. Loose Fill Asbestos @ ACT Government. Asbestos Register @NT Government. Asbestos Register @ QLD Government. Asbestos Safework @ Government of South Australia. Asbestos Safety WorkSafe @Tasmania Government. Asbestos in Victoria @State Government of Victoria. Asbestos – contaminated sites @ Government of Western Australia Department of Health. National Pollutant Inventory - © Commonwealth of Australia, Department of Agriculture, Water and the Environment. Parramatta River Catchment Land Use Areas - Compiled by Land Insight derived from Parramatta River Estuary Processes Study (2010); and @ Land Insight National Land Use Atlas (NLUA).

Mines and Quarries (current locations, derelict and abandoned mines and quarries, mine shaft)

Current and Historical location of mines and quarries, derelict mine locations mapped by Land Insight Research team @ Land Insight National Land Use Atlas (NLUA)*. Australia's abandoned mines: rehabilitated @Australian Geographic. List of mines, List of open-pit mines @ Wikipedia. Goldfields places & Maps- National Library of Australia and State Libraries. A Geospatial Database for Effective Mine Rehabilitation in Australia – Monash University, various authors. Inventory of abandoned mines in Australia @ Australian Government AusIndustry. National Heritage Places - Coal Mines Historic Site @Department of Climate Change, Energy, the Environment and Water. Legacy Mines Program © State of New South Wales through Regional NSW. Map of NSW Mines @NSW Minerals Council. Legacy Mines @ Northern Territory Government. Abandoned mine remediation projects - @ The State of Queensland Government. Map of abandoned mines in Queensland. Queensland's quarry operations @ QLD Government Department of Resources. South Australian Mining History @ Mining Heritage, Former Mines, SARIG @ Government of South Australia @ EPA SA. Mineral Resources Tasmania @ Department of State Growth Mineral Resources Tasmania, Abandoned Mines Rehabilitation in Tasmania @ Department of Infrastructure, Energy and Resources. Tasmania Goldfields dataset. Mineral Occurrences Data @ Tasmania Government. Rehabilitating Mines @ Copyright Victorian Auditor-General's Office, @ Mining Legacies. Historical Mining Activities @ VIC Department of Jobs, Skills, Industry and Regions. Heritage Victoria. Mineral Assessment @ VIC Department of Natural Resources and Environment. Abandoned Mines, Inactive And Abandoned Mine Land Reports - @ WA Department of Mines, Industry Regulation and Safety. Abandoned Mines Program @ WA Department of Energy, Mines, Industry Regulation and Safety. Mines and Mineral Deposits (MINEDEX) - @ WA Department of Energy, Mines, Industry Regulation and Safety

Defence, Military Sites, and UXO Areas

Current and Historical Defence and Military sites mapped by Land Insight Research team @ Land Insight National Land Use Atlas (NLUA)*. Department of Defence 3 Year Regional Contamination Investigation Program (RCIP) © Commonwealth of Australia, Department of Defence. Defence Sites © Australian Government - Various sources and Department of Defence © Commonwealth of Australia. @ Land Insight National Land Use Atlas (NLUA)*. National Unexploded Ordnance Program (UXO) @ Australian Government Defence.

Former Gasworks Sites

AUS – Gasworks sites (Various), @ National Trust of Australia, @ National Library of Australia, @ Pocket Oz Sydney Guide, @ wikipedia. Former gasworks site locations mapped by Land Insight Research team @ Land Insight National Land Use Atlas (NLUA). Archaeological database and records © New England Archaeology. Images, Wikipedia, @Flickr images. The historical marker database. ACT – Gaswork sites @ ACT gov. NSW – Former gasworks sites @ EPA NSW, @ NSW Department of Environment and Conservation, Heritage NSW. NT - Gaswork sites @ EPA NT. QLD - Gaswork sites @ DES QLD. SA - Gaswork sites @ EPA SA, @ SA Heritage Places Database Search (maps SA). TAS - Gaswork sites @ EPA TAS, @ Ligthscape Tasmania. VIC – Gasworks sites,

@EPA VIC, @ Development Victoria. WA - Gasworks sites, @EPA WA, @ Department of Water and Environmental Regulation WA.

PFAS sites

AUS – National PFAS Investigation Program – State-wide PFAS Investigation Program @Australian Government, Department of Infrastructure, Transport, Regional Development, Communications and The Arts. PFAS research @ Land Insight National Land Use Atlas (NLUA).

PFAS Investigation and Management Program - PFAS contamination at Department of Defence sites, @ Defence Government. @ Australian Government Defence. Metropolitan Fire Brigade stations. Potential historical use of PFAS @ Australian Government.

PFAS Taskforce. Airservices Australia National & PFAS Management Program, Airservices Australia.

ACT - Potential PFAS contaminated sites in the ACT - © ACT Environment Protection Authority. NSW - The NSW Government PFAS Investigation Program, © State of NSW and the NSW Environment Protection Authority. NT – PFAS National Environmental Management Plan (NEMP) @ NT EPA. QLD - PFAS site investigations, PFAS in QLD, @ QLD government. SA - Per- and poly-fluoroalkyl substances (PFAS), @SA EPA. TAS - PFAS Contamination, @ TAS EPA. VIC - PFAS management sites, PFAS contamination at Department of Defence sites, @ VIC EPA. WA - PFAS Investigations in Western Australia, @ WA government, @ WA DWER.

Section 4 - Potentially Contaminated Areas

Potentially Contaminated Areas, Activities (PCA) – Notifiable Activities Locations and Description

The research database includes Potentially Contaminating Activities or businesses, industries, and activities that have been identified as having an increased likelihood of causing contamination. Many of these are considered notifiable activities, or activities that require regulation to operate. This database is meticulously curated from a variety of information sources and undergoes rigorous validation procedures carried out by our team of scientists, quality assurance professionals, and technical experts, ensuring its accuracy and reliability. The PCA database systematically identifies and classifies site locations into 50 different categories, including:

Abattoirs, Abrasive Blasting, Agriculture/Horticulture, Airports, Asbestos, Asphalt or Bitumen, Batteries, Breweries/Distilleries, Cement, Concrete or Lime, Cemeteries, Chemicals, Coal Yards, Depots and Storage Yards, Dry Cleaners, Electrical or Electrical Components, Explosives and Dangerous Goods, Extractive Industries, Fire and Rescue, Food Manufacturing, Foundry, Smelting or Refining, Fuel Terminals & Depots, Glass, Ceramics and Plastic, Gun, Pistol or Rifle Ranges, Hospitals and Research Facilities, Landfill Sites, Livestock Dips, Mechanical and Automotive, Metal Fabrication and Treatments, Oil and Gas, Other Infrastructure Facilities, Paint Industries, Petrol Stations, Pharmaceuticals, Port and Marina Operations, Power Plants, Printing and Photography, Rail Industry and Associated Activities, Rubber and Tyre, Storage Tanks, Substations and Switching Stations, Textiles and Tannery, Timber, Pulp and Paper Works, Waste and Recycling Facilities, Wastewater Treatment Facilities.

Potentially Contaminating Activities and Locations (PCA) - © Google; Nearmap data; @ wikipedia, @ Datajet Australia Pty Ltd – with permission and @ Land Insight National Land Use Atlas (NLUA).

The Potentially Contaminating Activities (PCA) is a unique database proprietary to Land Insights. Please note that <u>not all</u> sources are included; only the most significant or larger databases are referenced for brevity. Individual research on each of these sources has not been included due to the comprehensive nature of the list.

Airports – Designated international airports in Australia @ Department of Infrastructure, Transport, Regional Development, Communities and the Arts Australian Gov. List of airports Australia @ Wikipedia. Australia Airports Map @ Sydney -australia biz

Catte Dips : Cattle Dip Site Locator Northern Rivers Region - © State of New South Wales through NSW Department of Industry; and @ Land Insight National Land Use Atlas (NLUA).

Dry cleaners : Dry cleaners @ Drycleaning Institute of Australia; Lawrence Dry Cleaners Locations @ Lawrence Dry Cleaners, and @ Land Insight National Land Use Atlas (NLUA).

Landfill Sites: NSW – Landfill sites @ EPA NSW. QLD - Location of waste sites | Environment, land and water, Closed landfill sites @ QLD gov. SA - Landfill map, EPA SA. TAS – Landfills @ EPA TAS. VIC – Victorian Landfill Register - © EPA Victoria. Waste and Recycling Facilities: National Waste Management Facilities - © Commonwealth of Australia (Geoscience Australia), Australia's waste and resource recovery infrastructure @ DCCEEW @ Land Insight National Land Use Atlas (NLUA).

Petrol Stations: National Liquid Fuel Refineries and Facilities, Liquid Fuel & Aviation Fuel Depots/Terminals, National Liquid Fuel Refineries - © Commonwealth of Australia (Geoscience Australia), Petrol Stations @ Digital Atlas of Australia. Fuelcheck @ Fair Trading NSW gov. @ Land Insight National Land Use Atlas (NLUA). @ Land Insight National Land Use Atlas (NLUA).

Power Plants : AUS @ Powerplants Australia. QLD Power Plants map of Queensland @Department of Energy and Climate. Various sources. @ Land Insight National Land Use Atlas (NLUA).

Waste and Recycling Facilities: National Waste Management Facilities - © Commonwealth of Australia (Geoscience Australia), Australia's waste and resource recovery infrastructure @ DCCEEW. @ Land Insight National Land Use Atlas (NLUA). NSW – Waste facilities @ NSW EPA. NT - Waste & Recycling NT , City of Darwin. QLD - Public waste and recycling facilities in Queensland @ Queensland Government Open Data Portal. SA - Waste disposal , Waste depots @ EPA SA. TAS – Waste Centres, Waste Disposal Facilities @ EPA TAS. VIC - Victoria's waste and resource recovery infrastructure, Waste Facility Locations Victoria's Waste and Recycling Infrastructure Map © Recycling Victoria. WA @ VIC Gov. WA – Waste locations and recycling centres @ DEW WA. @ Land Insight National Land Use Atlas (NLUA).

Historical Business Directories

AUS - AUS Historical Commercial & Trade Directory Data – various sources, see below. UBD business & street directory, Sands & McDougall directories , @ Australian Business Datalist ABDL (with permission)
ACT - 1971, 1981 & 1991 Telecom Australia Yellow Pages Country NSW Directories – Permission for use Sensis 2017.
2005 - 2022 - @ Australian Business Datalist ABDL – with permission
NSW – Sydney Metropolitan Area : 1932-1933 John Sands Sydney Trades Directory
1940 & 1950 Commonwealth of Australia Telephone Directory Sydney
1960-1961 Telecom Australia Pink Pages Sydney – Permission for use Sensis
1970-1971 United Business Directories Sydney – Licenced under Hardie Grant
1974-1975 NSW Post Office Yellow Pages Sydney Buying Guide and Commercial/Industrial Directories – Permission for use Sensis
1980-1981 & 1990-1991 Telecom Australia Yellow Pages Sydney – Permission for use Sensis. 2005 – 2022 - @ Australian Business Datalist ABDL
NT - 2005 - 2022 @ Australian Business Datalist ABDL – with permission
QLD - 1865, 1890, 1900, 1906, 1916, 1919, 1924, 1925, 1970 – Pugh's Almanac (copyright expired)
1970-1971 - Brisbane Telephone Directory (copyright expired)
2005 - 2022 - @ Australian Business Datalist ABDL – with permission
SA - 1930, 1935, 1944-45, 1950, 1955, 1960, 1965, 1970, 1973 - Sands & McDougall Melbourne Trade Directory (copyright expired)
2005 - 2022 @ Australian Business Datalist ABDL – with permission
TAS - 1896-1897, 1900, 1905, 1910, 1915, 1920, 1925, 1930, 1935, 1940-41, 1945-46, 1948 - Wises Post Office Directory (copyright expired)
2005 - 2022 @ Australian Business Datalist ABDL – with permission
VIC - 1900, 1905, 1915, 1925, 1935, 1945, 1955, 1965, 1975 - Sands & McDougall Melbourne Trade Directory (copyright expired)
1960-1961, 1970-1971 - Post Office Pink Pages Melbourne – Permission for use Sensis 2017
1981-1982, 1990-1991 - Telstra Yellow Pages Melbourne - Permission for use Sensis 2017
Telstra Yellow Pages Melbourne - Permission for use Sensis 2017
2005 - 2022 @ Australian Business Datalist ABDL – with permission
WA -2005 - 2022 @ Australian Business Datalist ABDL – with permission

Section 5 – Natural Hazards

Fire Hazards

AUS - Bushfire Prone Areas – © Australian Government Department of Climate Change, Energy, the Environment and Water. Bushfire History - © Commonwealth of Australia (Geoscience Australia). ACT - Bushfire Prone Areas – © ACT Government Environment, Planning and Sustainable Development Directorate. Bushfire History - NPWS Fire History - Wildfires and Prescribed Burns © State Government of NSW and Department of Planning, Industry and Environment. NSW - Bushfire Prone Areas – © State of New South Wales (NSW Rural Fire Service). Bushfire History - © State Government of NSW and NSW Department of Climate Change, Energy, the Environment and Water, Wildfires and Prescribed Burns - © State of New South Wales, National Parks and Wildlife Management Unit. NT - Bushfire Prone Areas – © NT Government of Australia through Department of Environment and Natural Resources. Bushfire History - ©The Commonwealth of Australia through the Department of the Environment and Energy. QLD - Bushfire Prone Areas – © Commonwealth Scientific and Industrial Research Organisation (CSIRO) in conjunction with the State of Queensland (Queensland Fire and Emergency Services). Bushfire History - © State of Queensland (Department of Environment and Science). SA - Bushfire Prone Areas – © SA Government Country Fire Service (CFS), Department of Planning, Transport and Infrastructure. Bushfire History - © SA Government Department for Environment and Water. TAS - Bushfire Prone Areas – © Tasmania Fire Service. Bushfire History - © Department of Environment, Parks and Water Security. VIC - Bushfire Prone Areas – © VIC Government Department of Environment, Land, Water and Planning; Department of Transport, Planning and Local Infrastructure. Bushfire History - © VIC Government Department of Transport, Planning and Local Infrastructure. WA - Bushfire Prone Areas – © WA Government Department of Fire and Emergency Services. Bushfire History - © WA Government Department of Fire and Emergency Services.

Flood Hazard

AUS - Flood Planning Area, Other Flood Studies, and Flood History - @ Commonwealth of Australia, @ Bureau of Meteorology. This dataset may be digitised and/or aggregated from various verified Council Records, Aerial Photography Interpretation, Flood Imagery Maps, Topographic Maps, Historic Parish Maps, publicly available technical reports and information digitised by the Land Insight Research team. @Land Insight Research. ACT - Flood Risk and Flood map information © ACT Government Environment, Planning and Sustainable Development Directorate – Environment. NSW - NSW Flood Data Portal @NSW State Emergency Service, © State Government of NSW, NSW Department of Climate Change, Energy, the Environment and Water; and NSW Department of Planning, Housing and Infrastructure; @ NSW Government Spatial Services. NT - Floodplain maps, Flood monitoring © NT Government of Australia through Department of Environment and Natural Resources, Department of Lands, Planning and the Environment. QLD - QLD Flood mapping, Historical flood mapping © The State of Queensland, Department of Resources, Queensland Reconstruction Authority. Flood data series and Flood data overlays (various) Queensland Open Data portal. SA - Flood Awareness map, Flood Risk © Crown in right of the State of South Australia, @ Government of South Australia, Department for Environment and Water. Flood mapping (various) SA Data Directory portal. TAS - Tasmania Flood Mapping Projects Reports @ Tasmania State Emergency Services. Floodplain Mapping in Tasmania, Flood Inundation Extent models. © Department of Natural Resources and Environment Tasmania. TAS TheList dataset portal. VIC - Victoria Flood mapping and overlays. © Copyright State Government of Victoria various datasets, Victoria State Emergency Service; Department of Energy, Environment and Climate Action, Department of Environment, Land, Water & Planning. Flood data (various) VIC data portal (data.vic). WA - Floodplain mapping tool, Landgate Flood Map. © Government of Western Australia, @ Department of Water and Environmental Regulation. Flood data (various) WA data portal.

Erosion Hazard

AUS - Soil Erosion Hazards, © Commonwealth of Australia (Geoscience Australia), @ Agriculture DAFF @Australian Government. ACT - Soil and Land Resources of the Australian Capital Territory, © State of New South Wales and Department of Planning and Environment. NSW – Land Soil Capability, Vulnerable lands, © State of New South Wales and Department of Planning and Environment NT - Land System, Soil Conservation, © Department of Environment, Parks and Water Security. QLD - QLD Erosion prone areas, Coastal and Inland erosion areas, © The State of Queensland. SA - Landscape salad, Mass movement and soil Attributes, Water and Wind Erosion, © Department for Environment and Water. TAS - Coastal Erosion Hazard, Landslide Planning Map, Water and Wind Erosion Statewide map, © Department of Natural Resources and Environment Tasmania. VIC - Geomorphology of Victoria, © VIC Government Department of Jobs, Skills, Industry and Regions. WA - Soil Landscape Land Quality, Land capability assessment, Land instability Risk, Water Erosion Riks, Wind Erosion Risk, © WA Government Department of Primary Industries and Regional Development.

For more information visit www.landinsight.co or contact orders@landinsight.co.

Appendix A

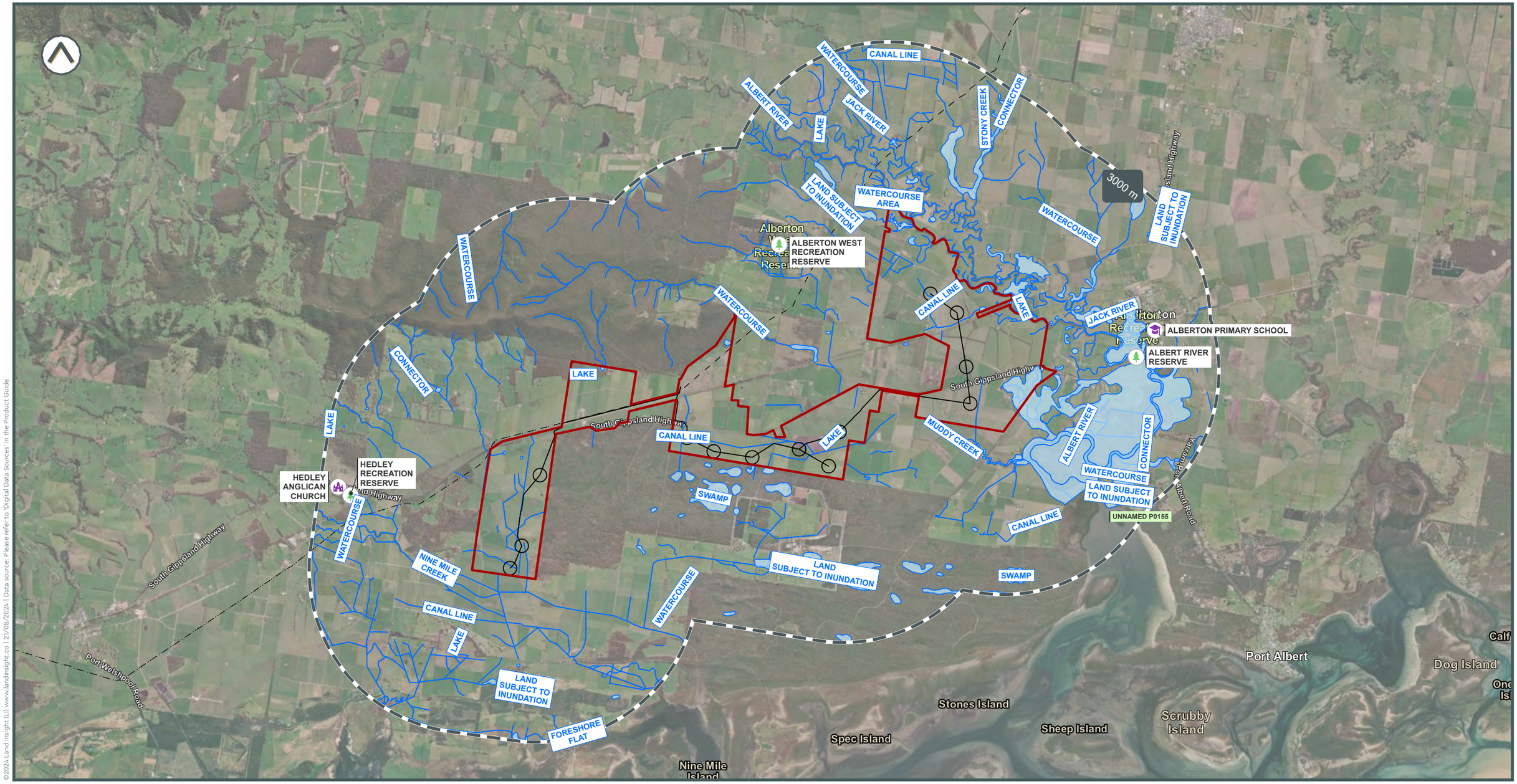
REPORT MAPS

Gelliondale Windfarm
Gelliondale, VIC

PROPERTY SETTING

Subject Area and Sensitive Receptors

MAP 1.1



Subject area

Type

Education

Places of Worship and Religious Organisations

Parks

Parks

Water Bodies

Power transmission

0 1,000 2,000 3,000 4,000 5,000m

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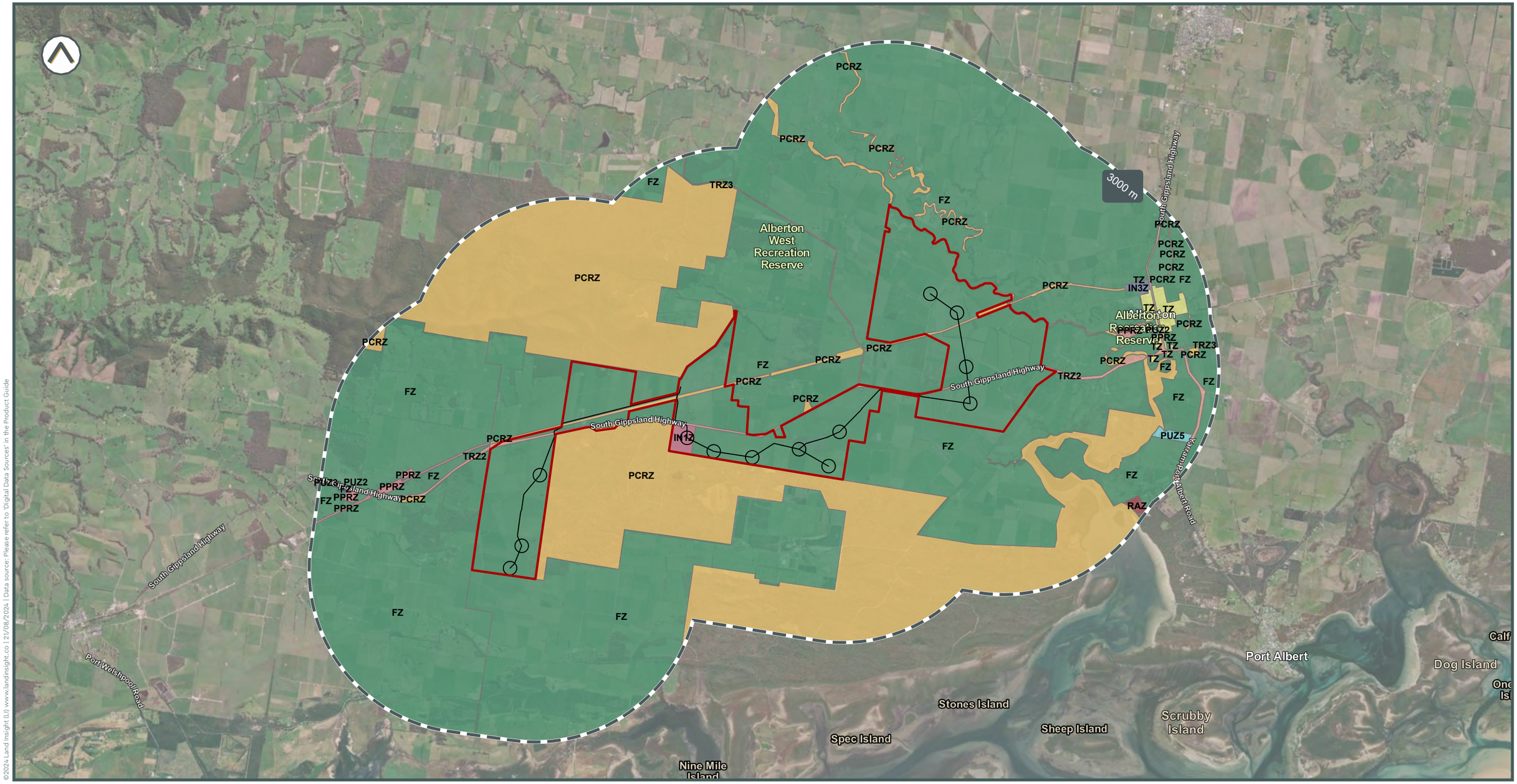
PROPERTY SETTING

Zoning

MAP 1.2a



Subject area

Zoning

- FZ Farming Zone
- IN1Z Industrial 1 Zone
- IN3Z Industrial 3 Zone
- PCRZ Public Conservation And Resource Zone
- PPRZ Public Park And Recreation Zone
- PUZ2 Public Use Zone – Education
- PUZ3 Public Use Zone – Health And Community
- PUZ5 Public Use Zone – Cemetery/Crematorium
- RAZ Rural Activity Zone
- TRZ2 Transport Zone 2 – Principal Road Network
- TRZ3 Transport Zone 3 – Significant Municipal Road
- TZ Township Zone

0 1,000 2,000 3,000 4,000 5,000m

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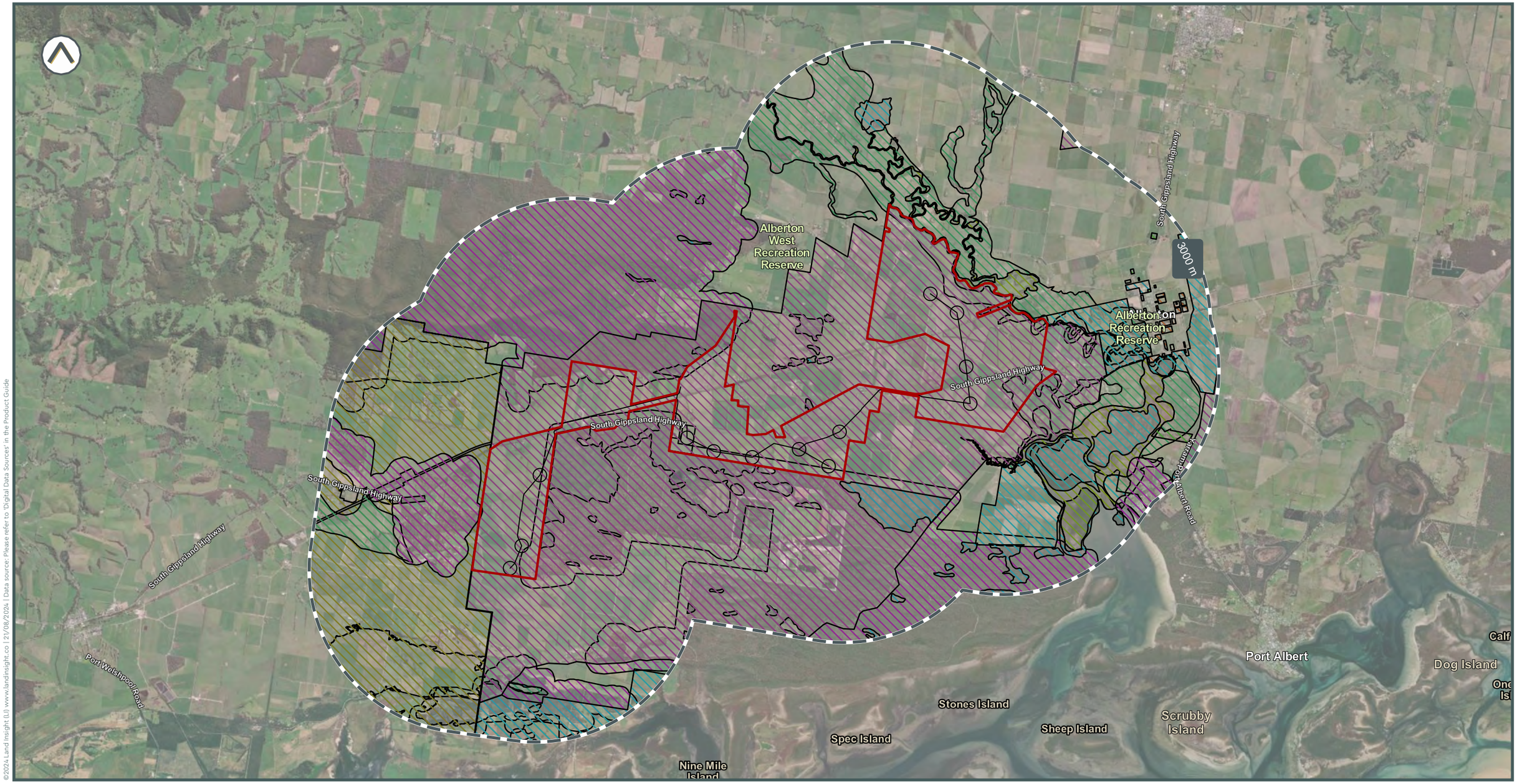
Planning Overlays

MAP 1.2b



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Subject area

Type

- Bushfire Management Overlay
- Design And Development Overlay – Schedule 1
- Design And Development Overlay – Schedule 21
- Environmental Significance Overlay
- Floodway Overlay
- Heritage Overlay
- Land Subject To Inundation Overlay
- Restructure Overlay
- Road Closure Overlay
- Significant Landscape Overlay
- State Resource Overlay 1

0 1,000 2,000 3,000 4,000 5,000m

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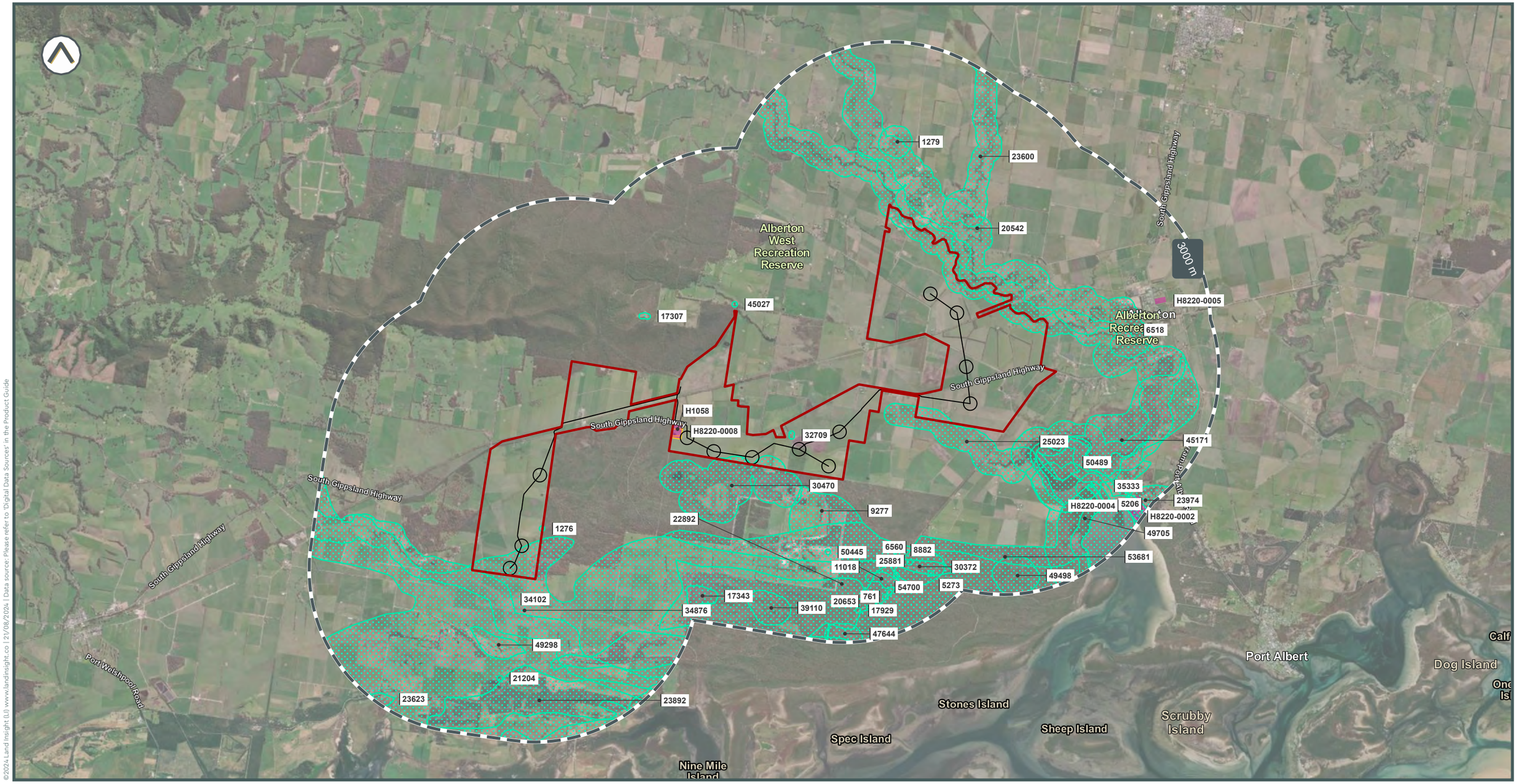
PROPERTY SETTING

Heritage

MAP 1.3



Subject area

State and Local Heritage Registers

State Heritage Register

Aboriginal Heritage Places

Heritage Register

0 1,000 2,000 3,000 4,000 5,000m

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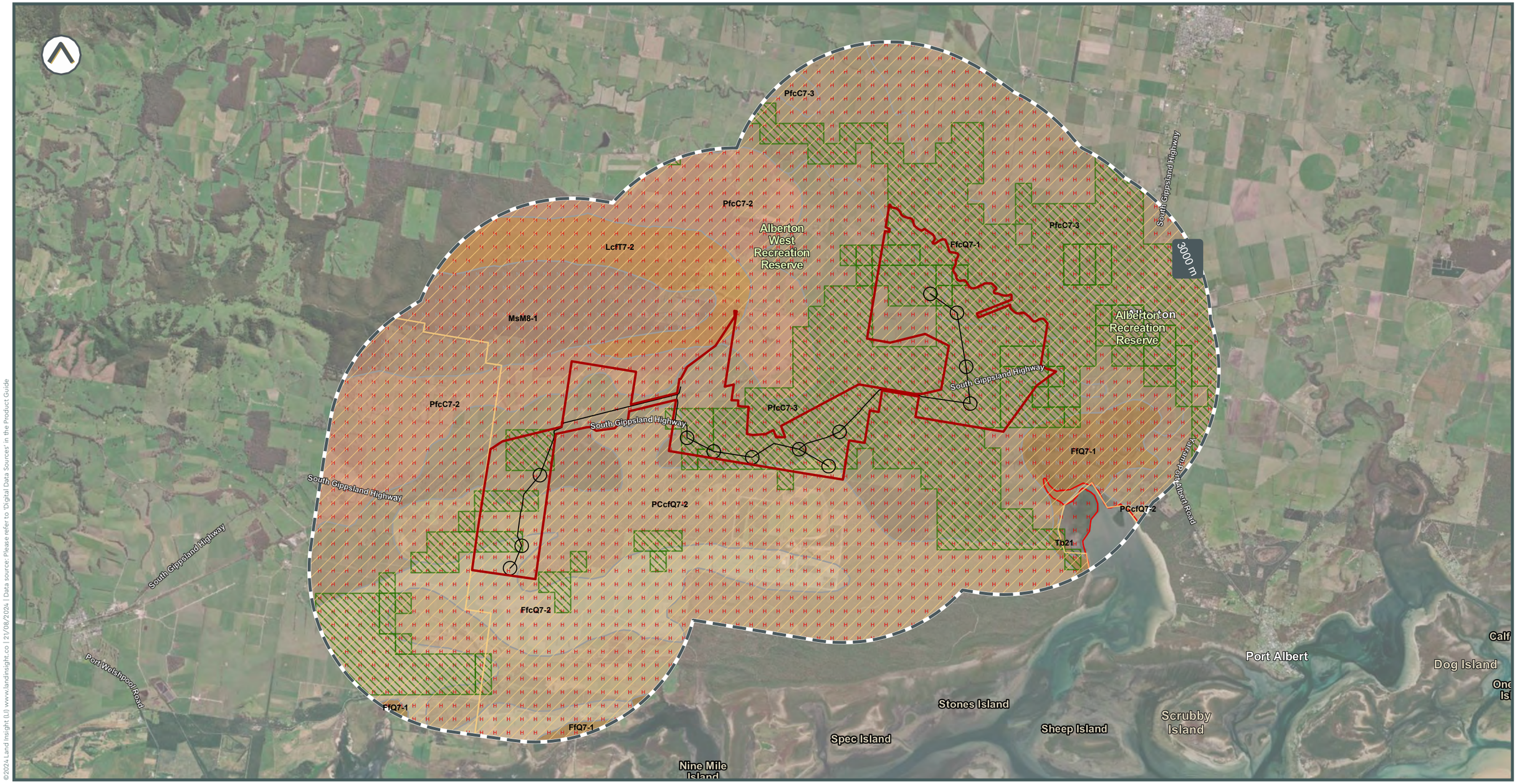
Soil Landscape and Salinity

MAP 1.4a



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Subject area

Soil Landscape
- FfQ7-1
- FfcQ7-1
- FfcQ7-2
- LcfT7-2
- MsM8-1
- PCcfQ7-2
- PfcC7-2
- PfcC7-3
- Tb21

Soil Salinity
- Not Applicable
- Low
- High
- High hazard or risk

Radon Level (Bq/m3)
- 5-19

0 1,000 2,000 3,000 4,000 5,000m

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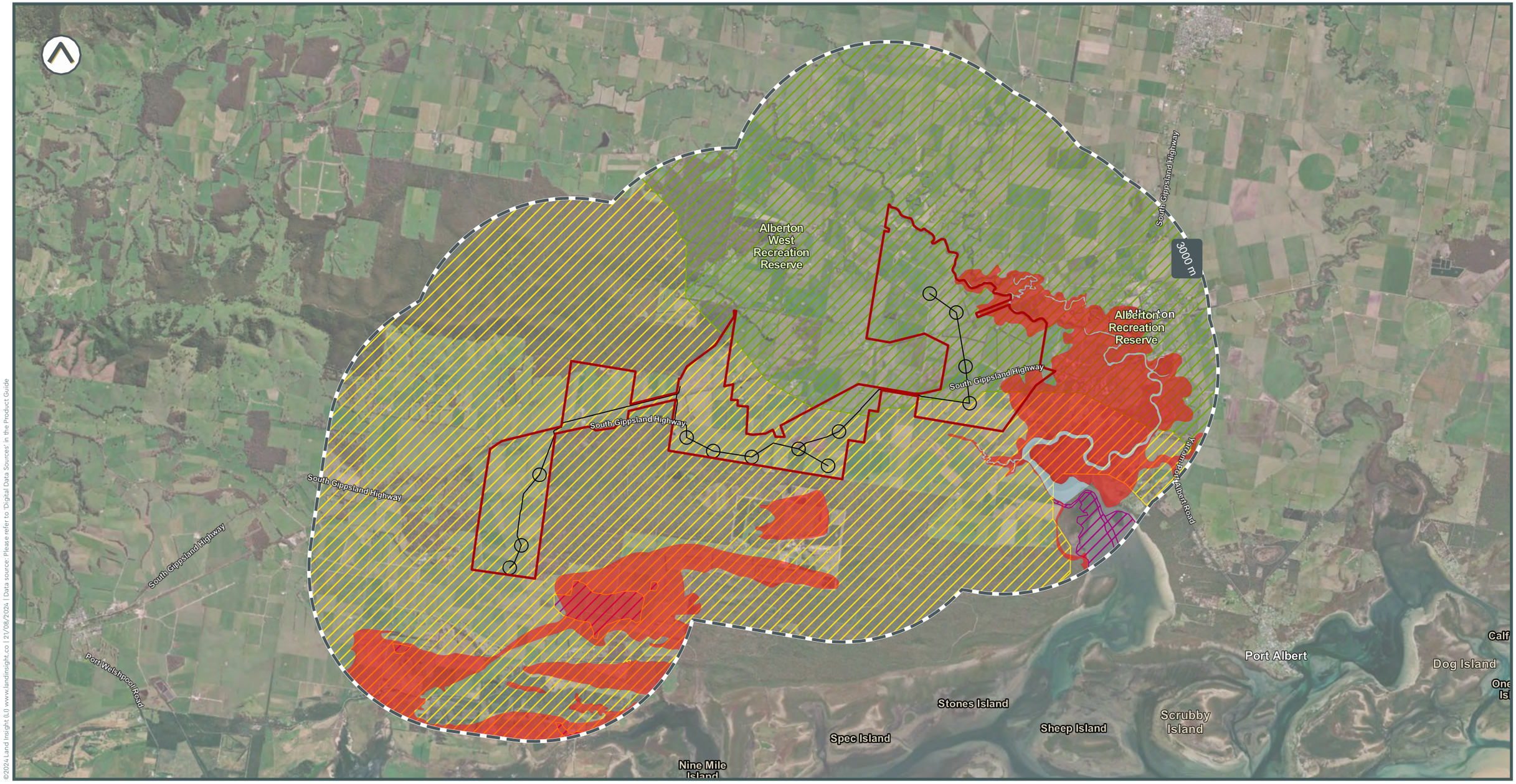
PROPERTY SETTING

Acid Sulfate Soils

MAP 1.4b



Subject area

Coastal Acid Sulfate Soils
- Prospective Land
- Water

Atlas of Australian Acid Sulfate Soils
- High Probability of occurrence
- Low Probability of occurrence
- Extremely low probability of occurrence

0 1,000 2,000 3,000 4,000 5,000m

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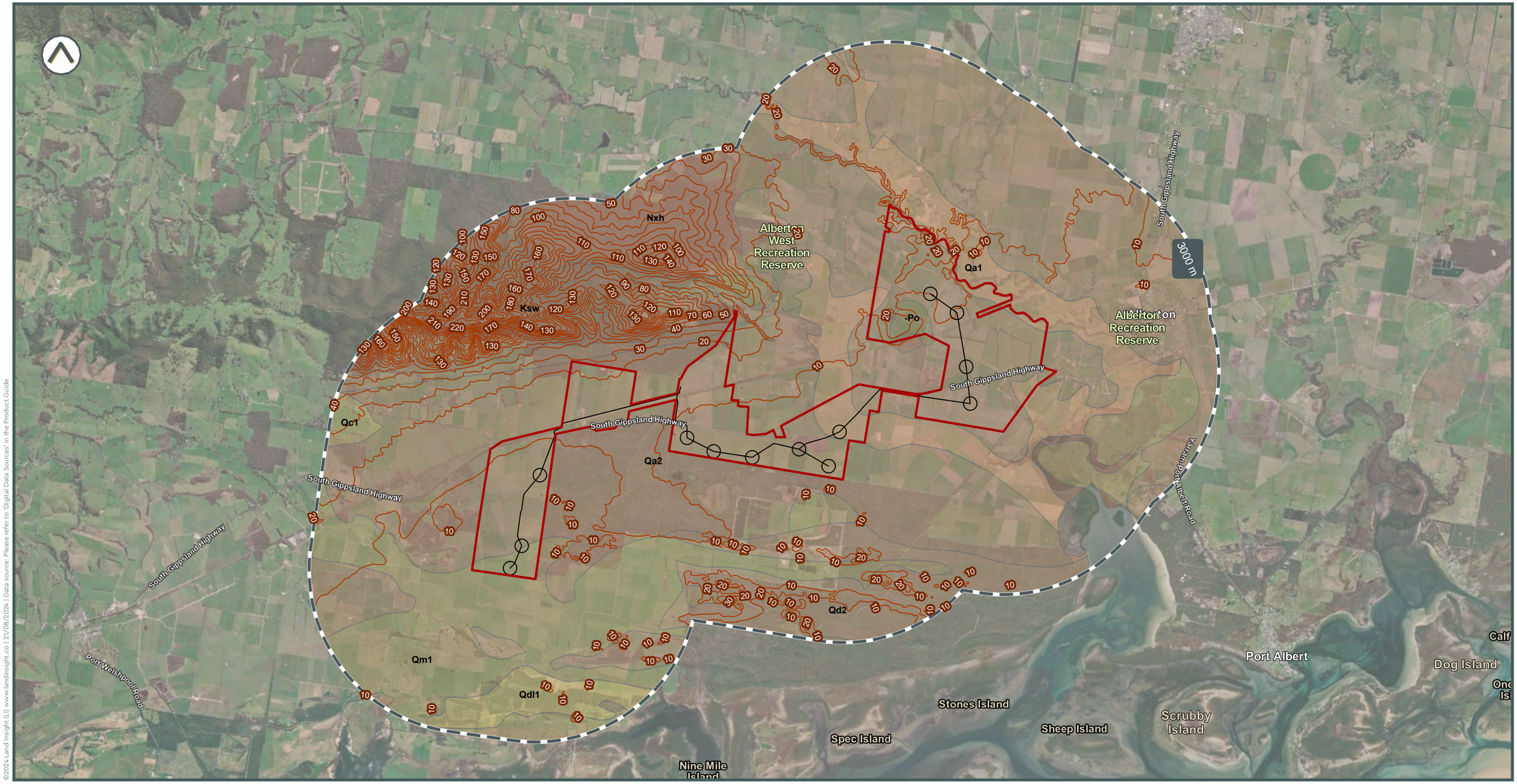
Geology and Topography

MAP 1.5



Subject area | Topographic contour (m)

Geology Unit: Ksw, Nxh, Qa1, -Po, Qa2, Qc1, Qd2, Qdl1, Qm1

0 1,000 2,000 3,000 4,000 5,000m

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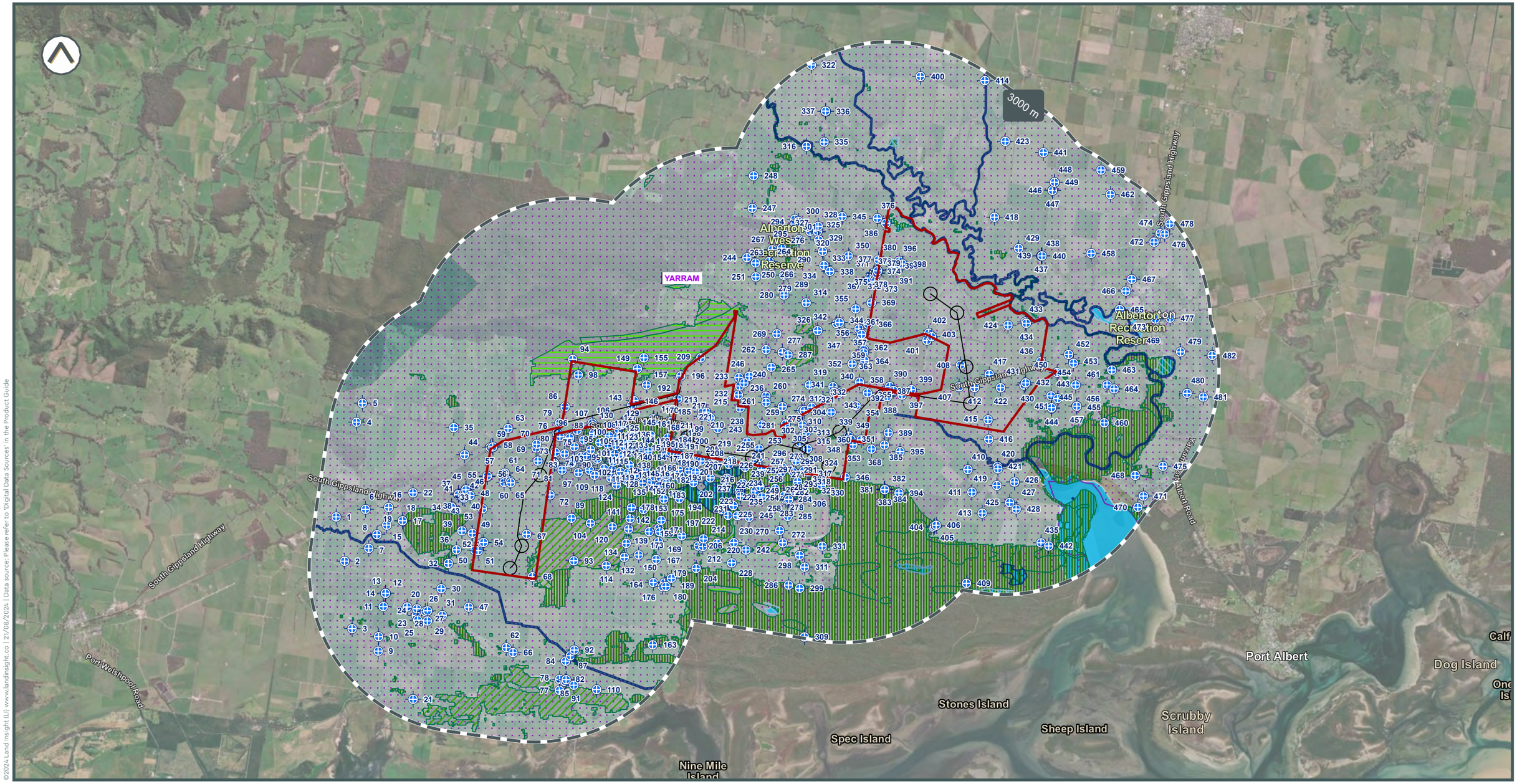
POTENTIALLY CONTAMINATED AREAS

Groundwater Dependent Ecosystems & Hydrogeology Constraints

MAP 2.1



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Subject area

Groundwater bores

Ecosystems that rely on the Surface expression of Groundwater

High potential GDE – from national assessment

High potential GDE – from regional studies

Moderate potential GDE – from regional studies

Low potential GDE – from regional studies

Unclassified potential GDE – from regional studies

Ecosystems that rely on Subsurface presence of Groundwater

High potential GDE – from national assessment

Moderate potential GDE – from national assessment

Low potential GDE – from national assessment

Groundwater Protection Areas

Wetlands

Aquifer type

Fractured or fissured, extensive aquifers of low to moderate productivity

Porous, extensive highly productive aquifers

0 1,000 2,000 3,000 4,000 5,000m

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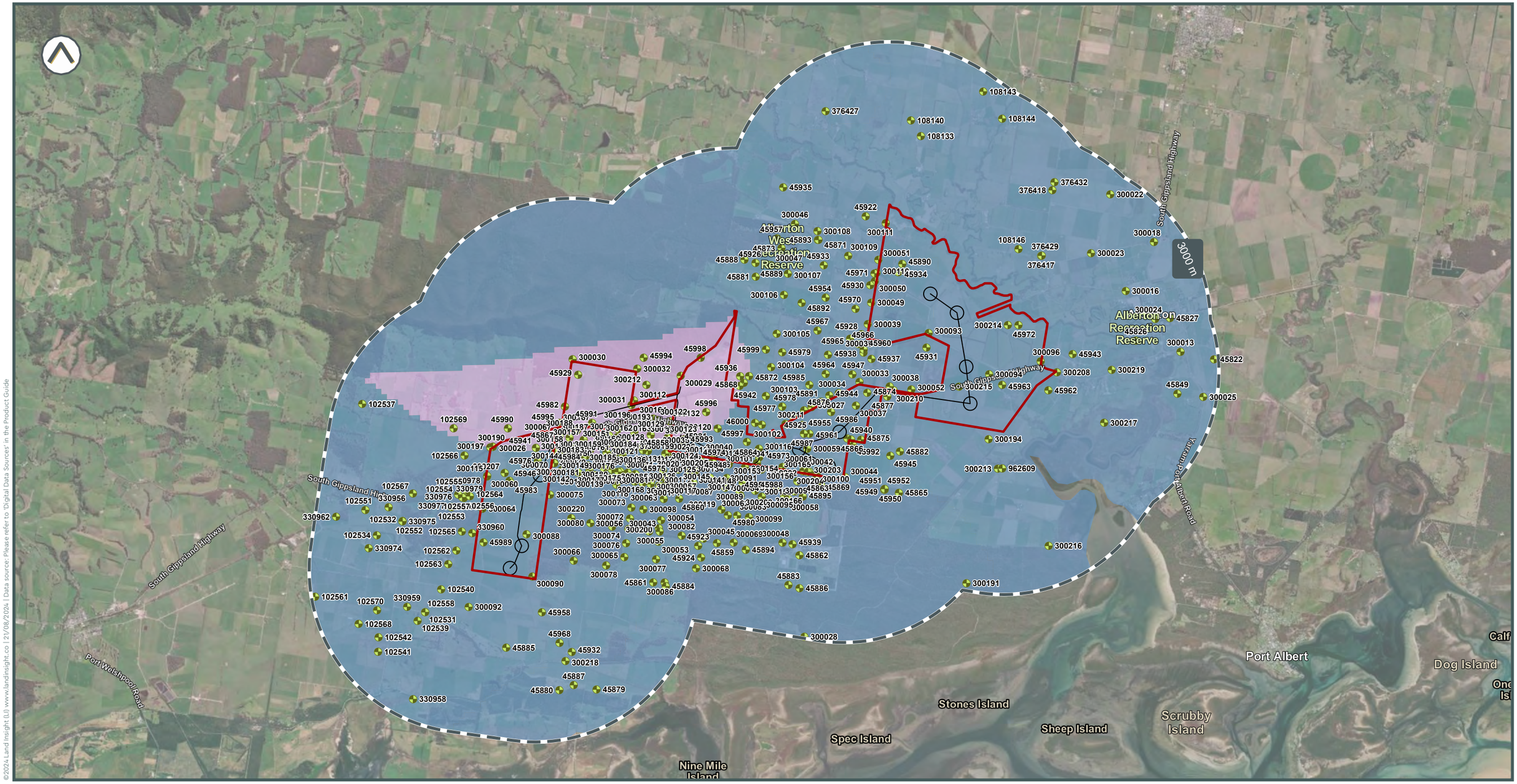
POTENTIALLY CONTAMINATED AREAS

Groundwater and Other Bores

MAP 2.2



Subject area

Salinity Class

Saline (>3000mg/L)

Non-Saline (<3000mg/L)

Other borehole/monitoring well location

0 1,000 2,000 3,000 4,000 5,000m

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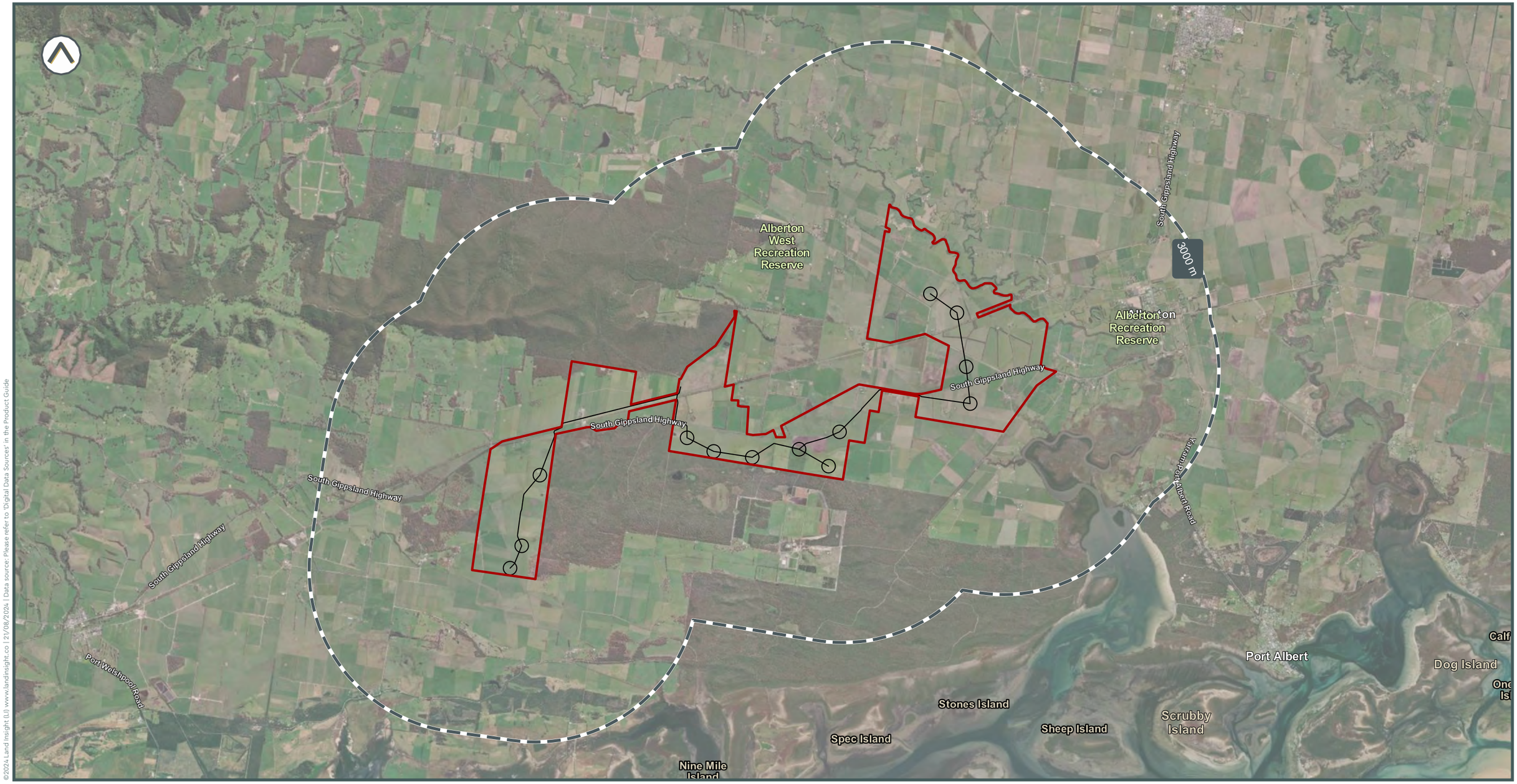
ENVIRONMENTAL REGISTERS LICENSES AND INCIDENTS

Contaminated Land Public Register

MAP 3.1



Subject area

0 1,000 2,000 3,000 4,000 5,000m

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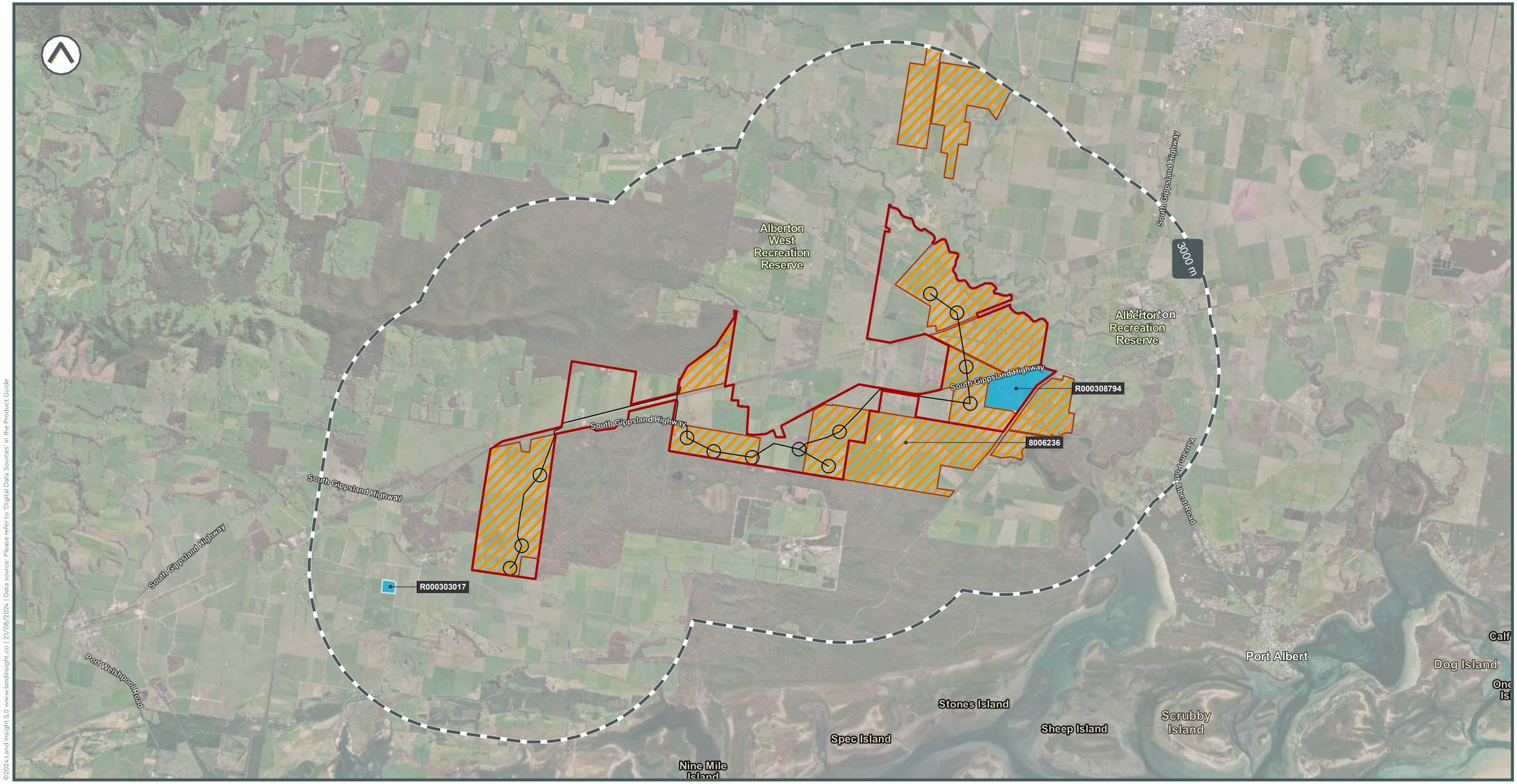
ENVIRONMENTAL REGISTERS LICENSES AND INCIDENTS

Licences, Approvals & Assessments

MAP 3.2



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Subject area

Environmental audit system register

Environmental Audit

Permissions

Registration

0 1,000 2,000 3,000 4,000 5,000m

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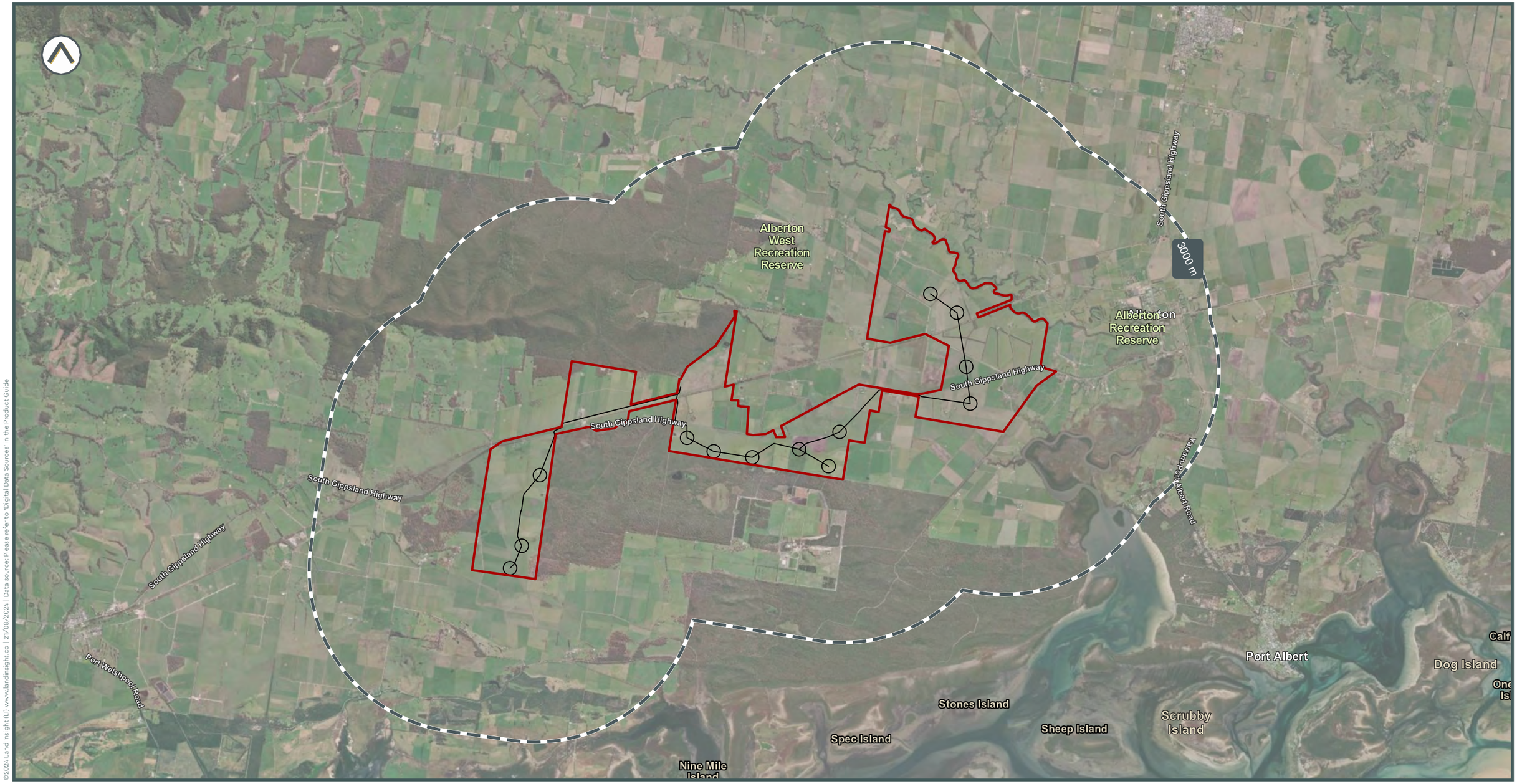
ENVIRONMENTAL REGISTERS LICENSES AND INCIDENTS

Sites Regulated by Other Jurisdictional Body

MAP 3.3a



Subject area

0 1,000 2,000 3,000 4,000 5,000m

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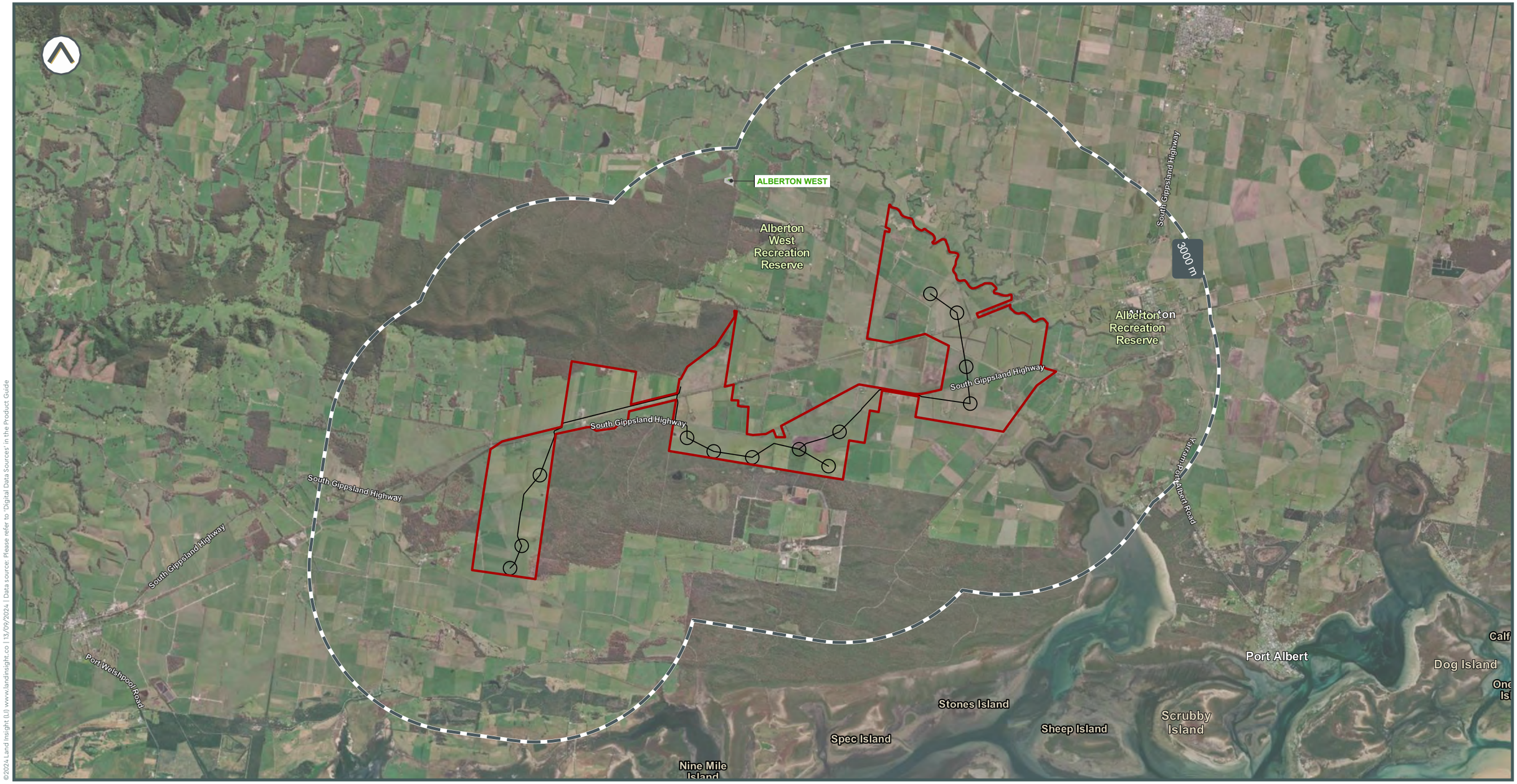
ENVIRONMENTAL REGISTERS LICENSES AND INCIDENTS

Other Potential Hazard Sources

MAP 3.3b



Subject area Historical (legacy) Landfill Sites

0 1,000 2,000 3,000 4,000 5,000m

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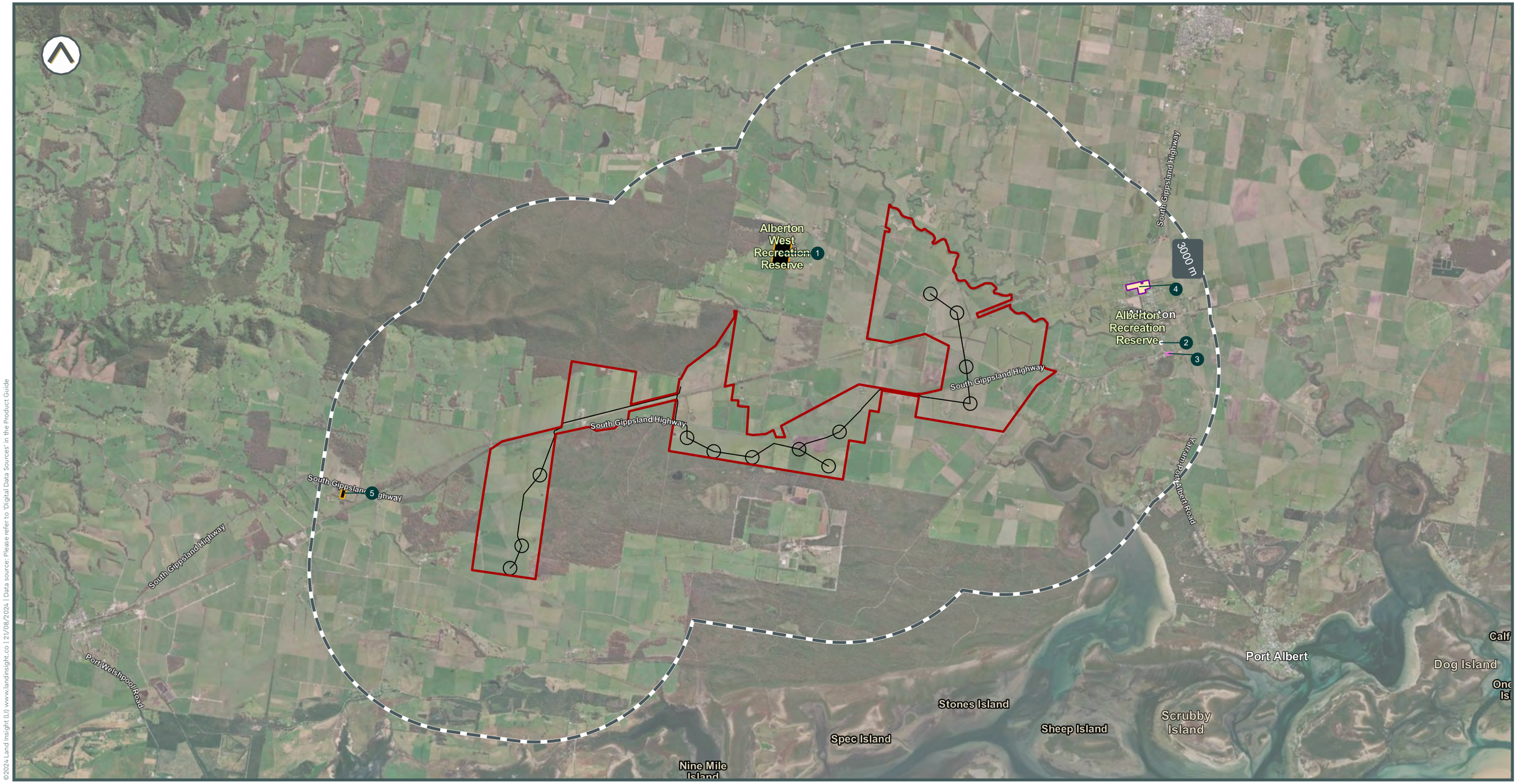
POTENTIALLY CONTAMINATED AREAS

Current Potentially Contaminating Activities (PCAs)

MAP 4.1



Subject area
Potentially Contaminating Activities
Depots and Storage Yards
Fire and Rescue
Manufacturing and Industrial Facilities
Petrol Stations and Fuel Terminals

0 1,000 2,000 3,000 4,000 5,000m

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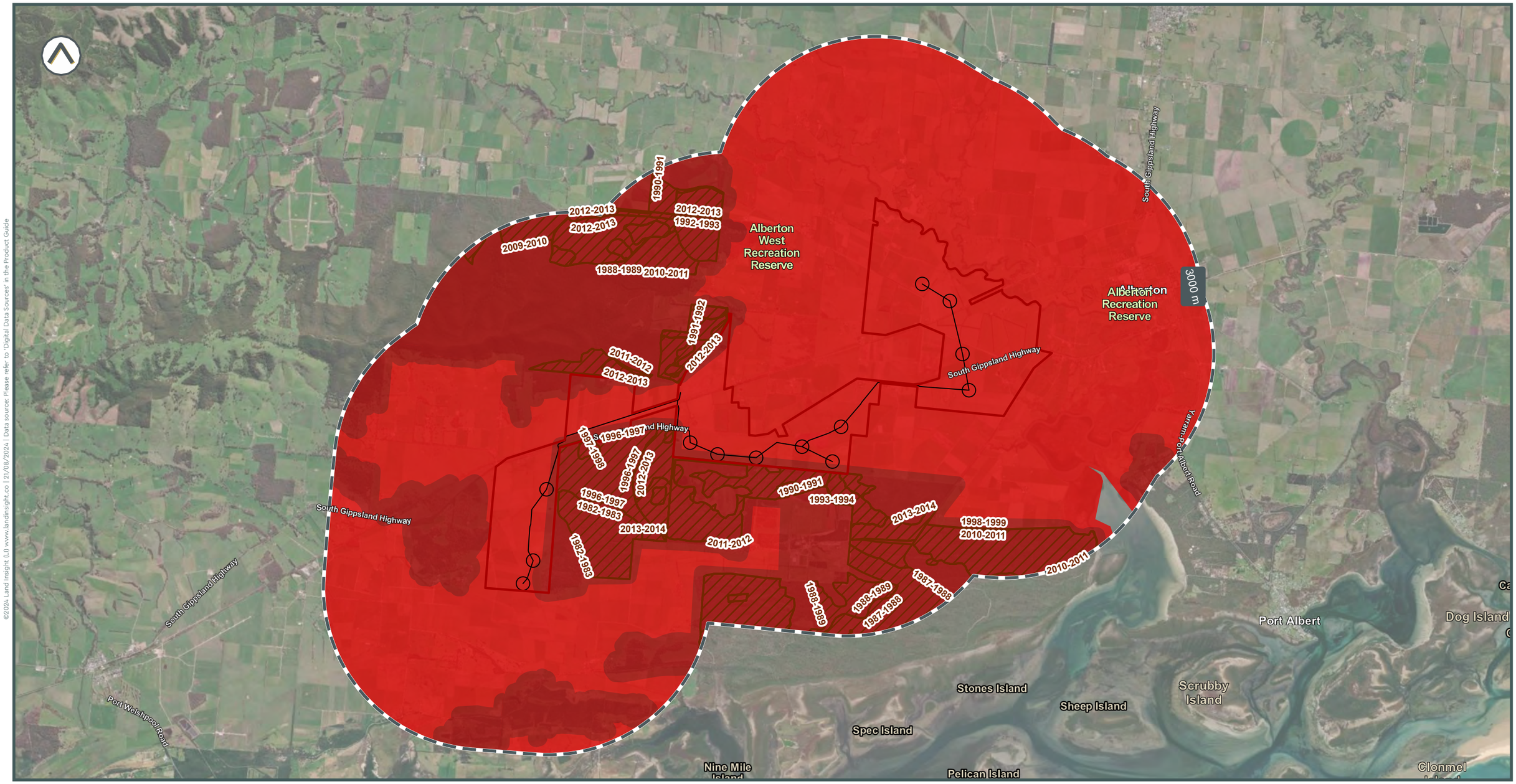
Fire Hazards

MAP 5.1



Subject area

Fire History

Bushfire Management Overlay

Bushfire Prone Area

0

0

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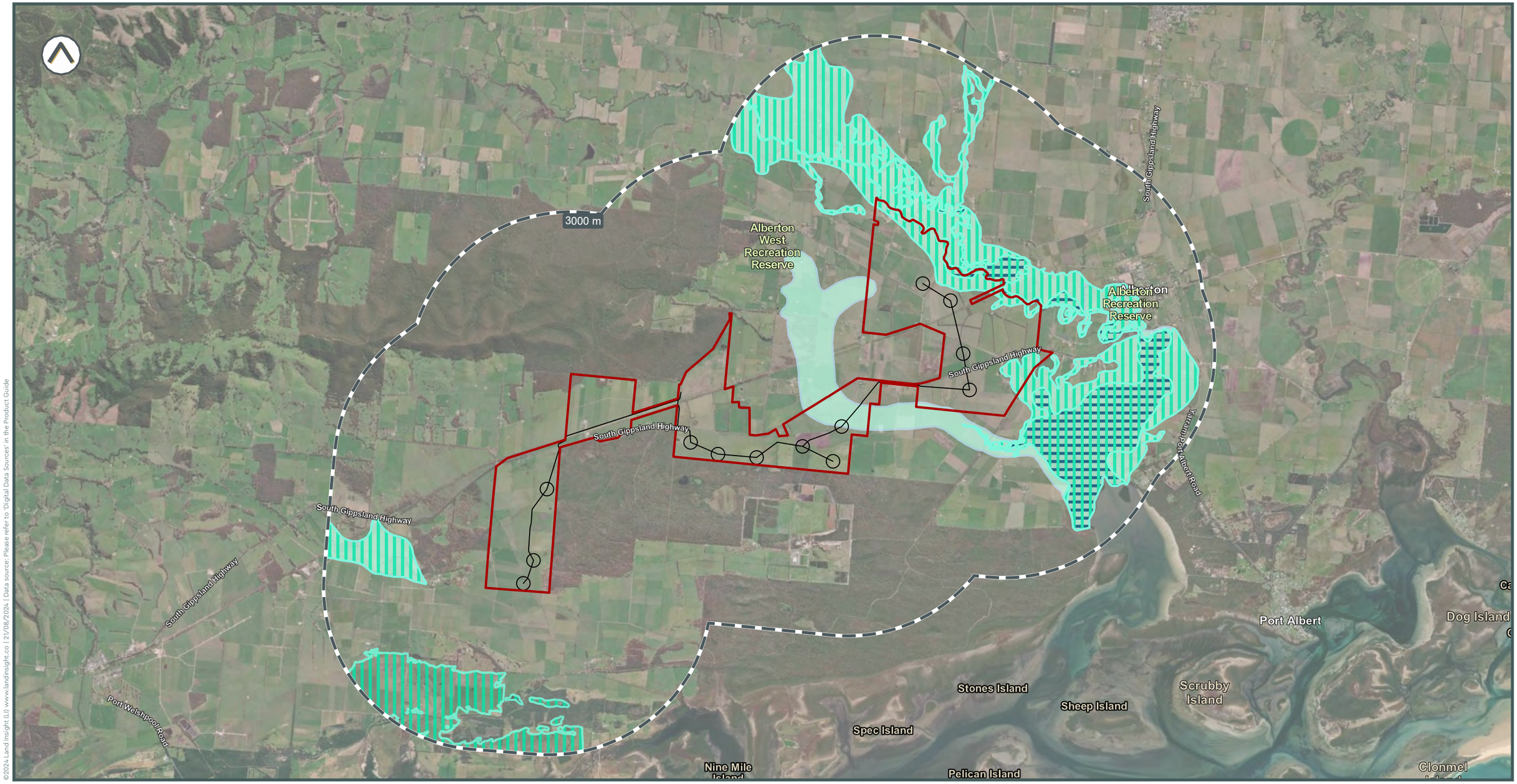
NATURAL HAZARDS

Flood Hazard

MAP 5.2



Subject area

Category

Flood Prone Area

Floodway

Type

1% AEP Flood Extent

0 1,000 2,000 3,000 4,000 5,000m

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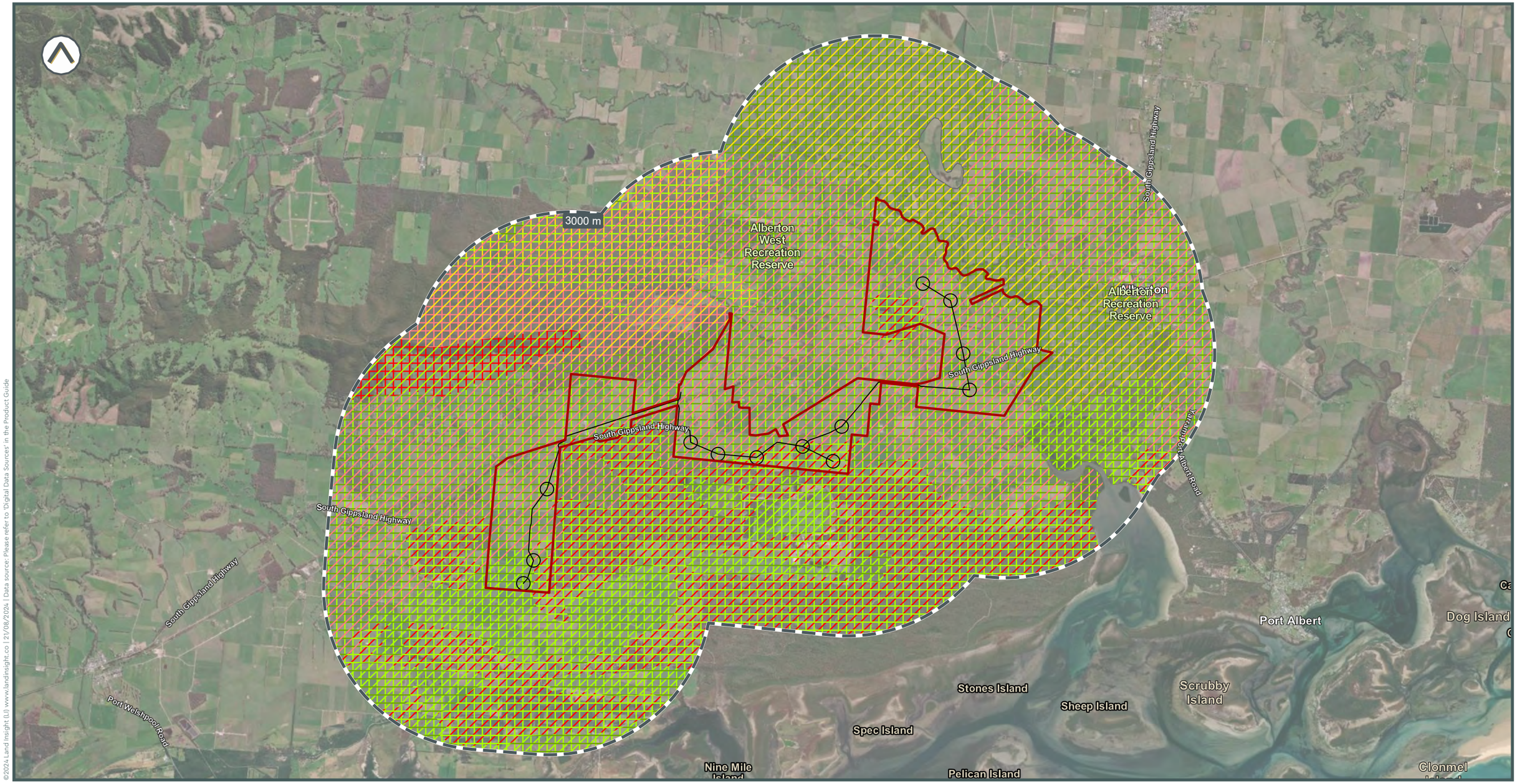
Erosion Hazard

MAP 5.3



Subject area

Wind Erosion Risk
- Very High
- High
- Moderate
- Low
- Not Applicable / Not Assessed

Water Erosion Risk
- Very High
- High
- Moderate
- Low
- Very Low
- Not Applicable / Not Assessed

Landslip Erosion Risk
- Very High
- High
- Low
- Very Low
- Not Applicable / Not Assessed

0 1,000 2,000 3,000 4,000 5,000m

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Appendix B

HISTORIC IMAGERY

Gelliondale Windfarm
Gelliondale, VIC

Historic Aerial Photograph - 1965

LI-4266 Historic Aerial Photograph 1965 15.08.2024.

Subject area

0 1.5km

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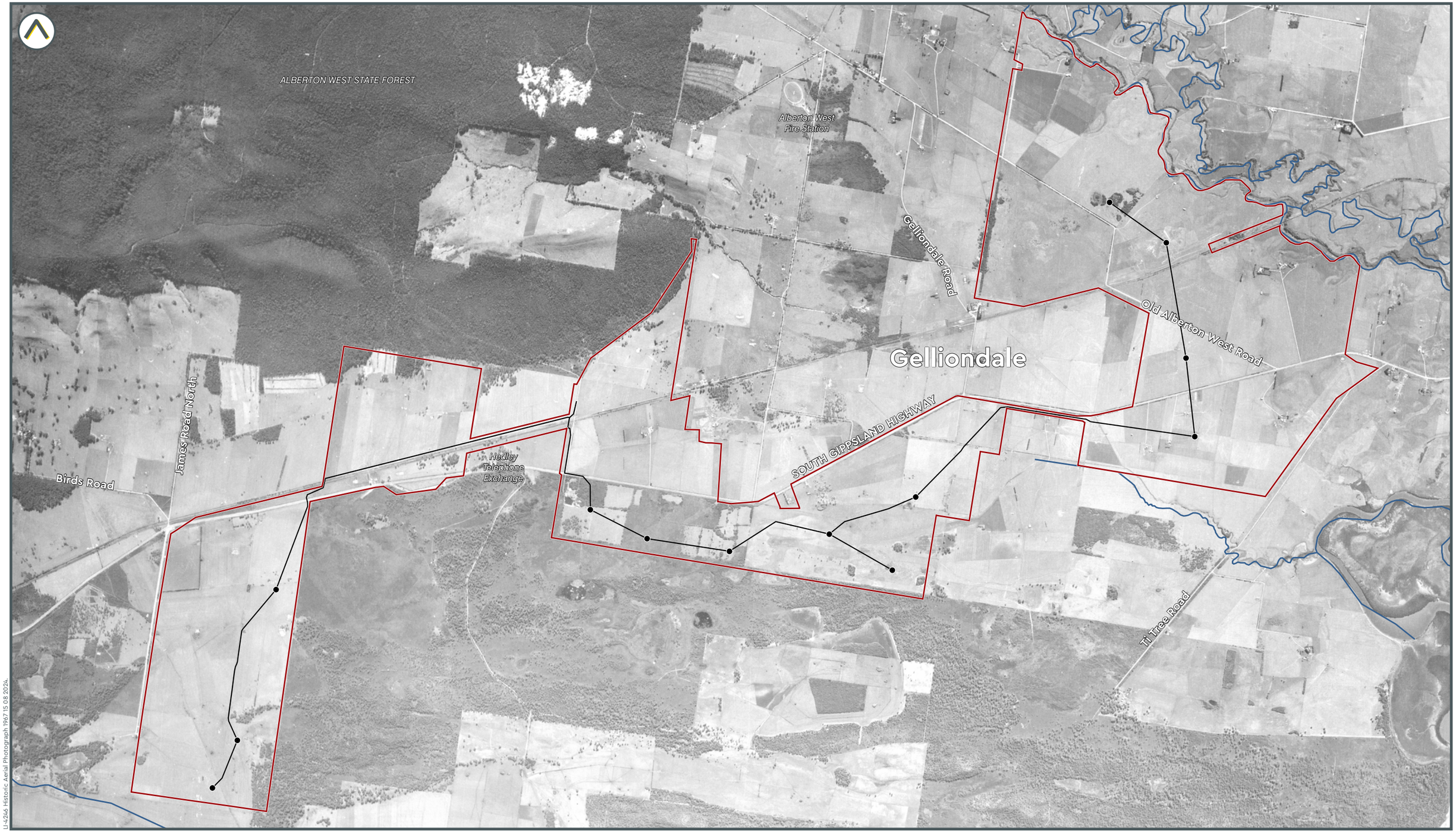
Historic Aerial Photograph - 1967



LI 4246 Historic Aerial Photograph 1967 15 08 2024.

Subject area

0 1.5km

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Historic Aerial Photograph - 1975

LI-42a6: Historic Aerial Photograph 1975 15 08 2024.

Subject area

0 1.5km

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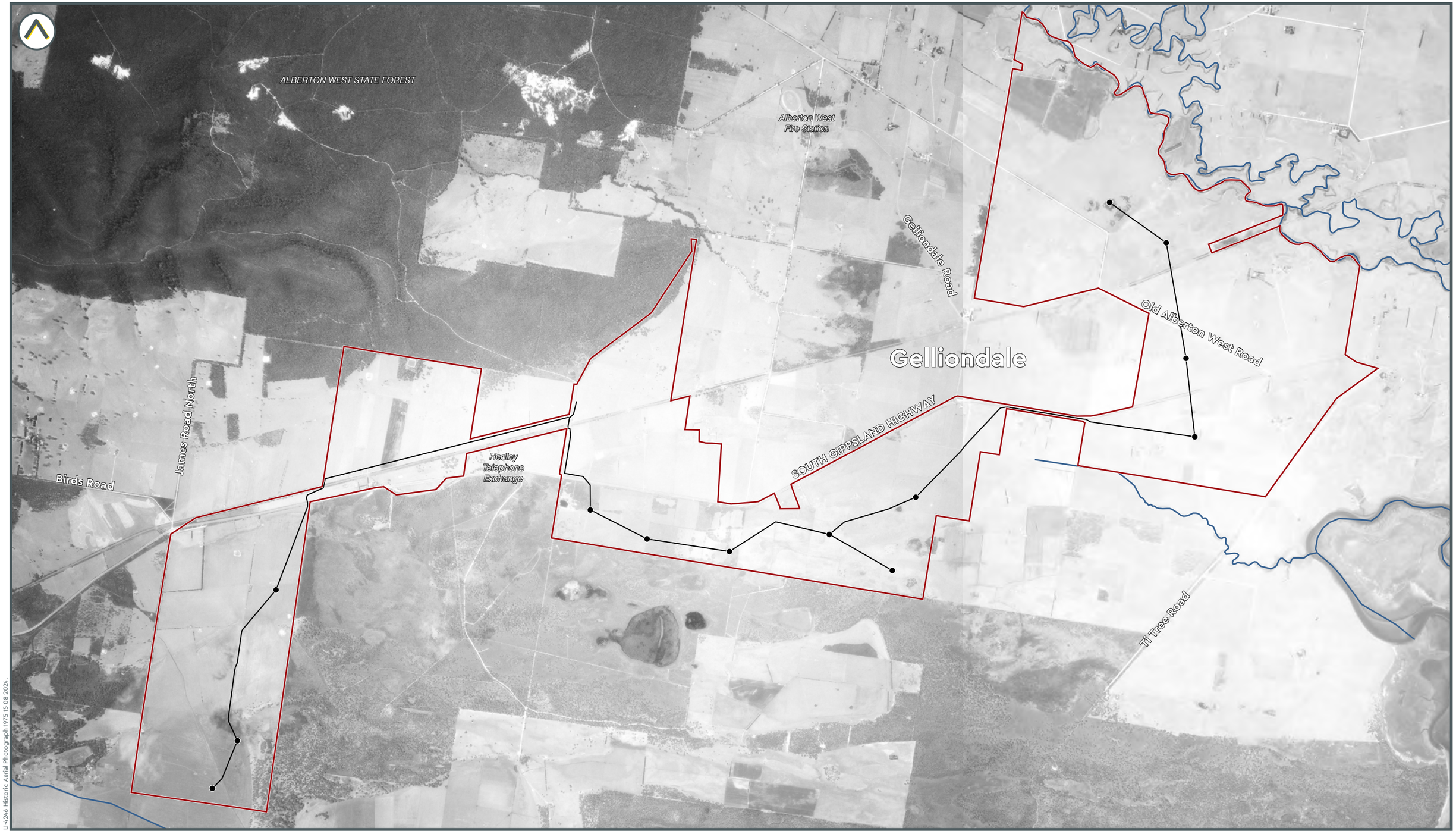
Historic Aerial Photograph - 1978



LI-4246 Historic Aerial Photograph 1975 15 08 2024.

Subject area

0 1.5km

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Historic Aerial Photograph - 1983

Subject area

0 1.5km

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Historic Aerial Photograph - 2002

LI 4246 Historic Aerial Photograph 2002 15.08.2024

Subject area

0 1.5km

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Historic Aerial Photograph - 2008

LI-4246 Historic Aerial Photograph 2008 15 08 2024.

Subject area

0 1.5km

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Historic Aerial Photograph - 2009

Subject area

0 1.5km

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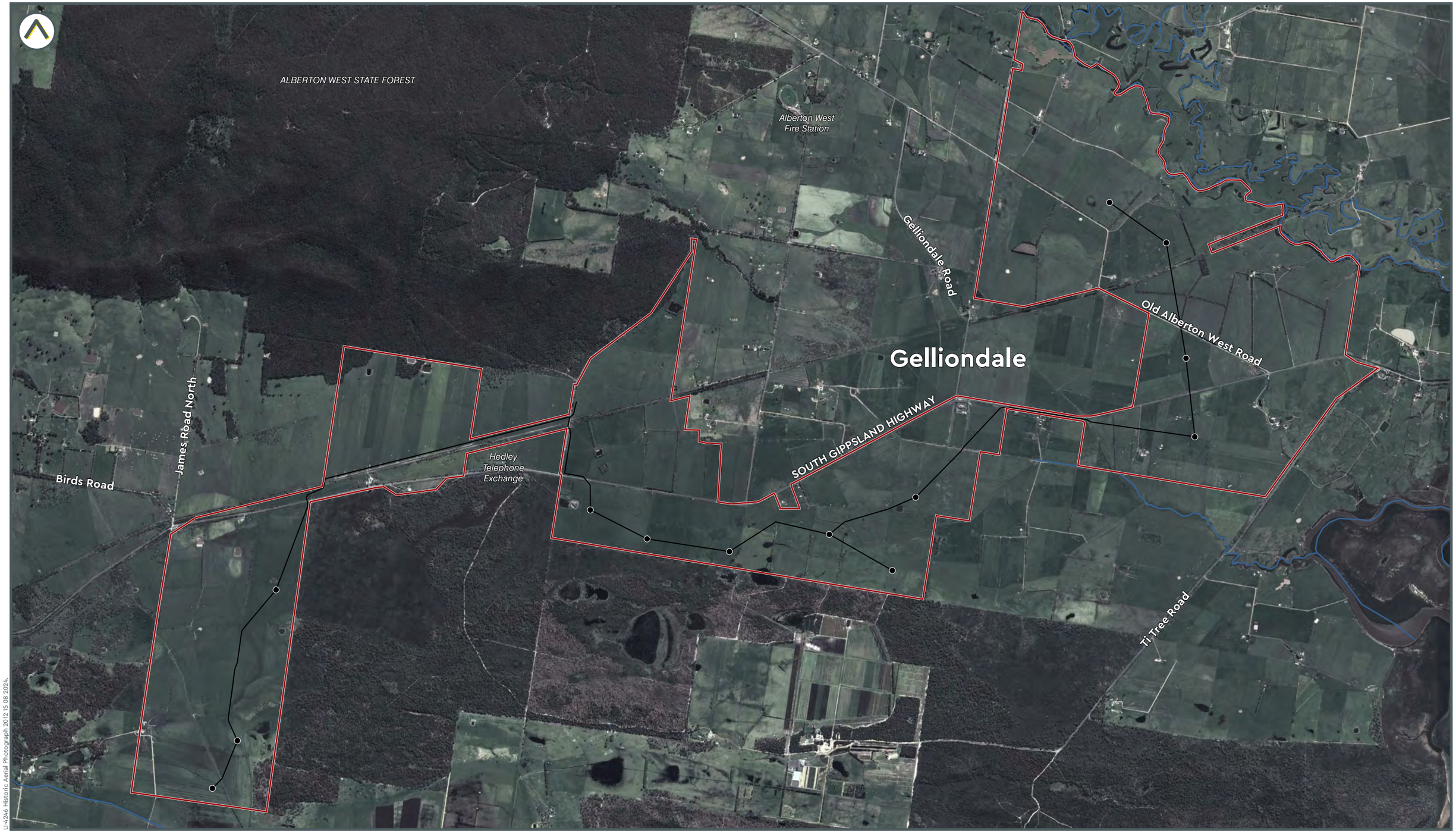
Historic Aerial Photograph - 2012



LI-4246 Historic Aerial Photograph 2012 15 08 2024.

Subject area

0 1.5km

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Historic Aerial Photograph - 2020

Subject area

0 1.5km

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Historic Aerial Photograph - 2023

Subject area

0 1.5km

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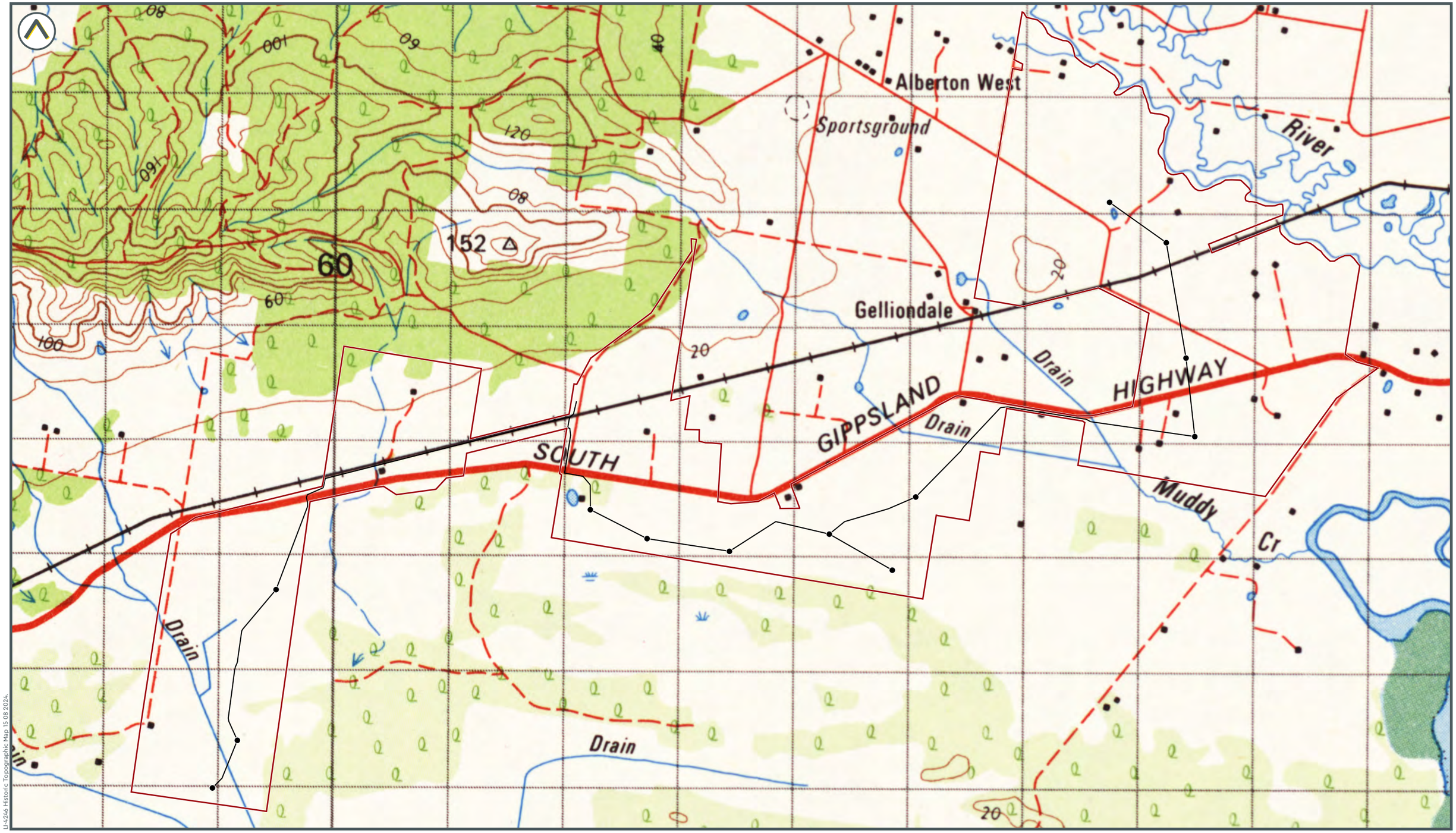
1972 Historic 1:100,000 Topographic Map (Yarram, Sheet 8220, Edition 1)



LI 4246 Historic Topographic Map 15 08 2024.

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