

Root Partnership

Proposed Carpark

Lot 2 & 3 DP1181268 Tamworth Hospital

Stage 1 & Stage 2 Site Contamination Assessment

Report No. RGS32576.1 – AK Rev.2

21 February 2023



RGS32576.1 – AK Rev.2

21 February 2023

Root Partnership
Level 19/9 Hunter Street
SYDNEY NSW 2000

Attention: Sri Viswanathan

Dear Sri,

**RE: Proposed Carpark - Lot 2 & 3 DP1181268 Tamworth Hospital
Stage 1 & Stage 2 Site Contamination Assessment**

Regional Geotechnical Solutions Pty Ltd (RGS) has undertaken a Site Contamination Assessment at Lot 2 & 3 DP1181268 Tamworth Hospital. The results of the assessment are presented herein.

The assessment includes a desktop review, intrusive soil sampling and laboratory testing of recovered soil samples. Based on the assessment undertaken, it is considered that the site is suitable for the proposed development from a contamination viewpoint.

The work presented herein was reviewed by Dr David Tully CEnvP SC. A copy of Dr Tully's letter pertaining to the review is appended to the report.

If you have any questions regarding this project, or require any further assistance with this project, please do not hesitate to contact the undersigned.

For and on behalf of **Regional Geotechnical Solutions Pty Ltd**

Prepared by



Louis Davison

Geotechnical Engineer

Reviewed by



Adam Holzhauser

Associate Geotechnical Engineer



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- Stage 2 SCA based on the above and also involving additional site assessment, soil sampling within the nominated areas of concern, and laboratory analysis of the recovered samples based on the nominated chemicals of concern.

2 METHODOLOGY

The site contamination assessment was undertaken in accordance with the relevant sections of the NSW EPA, *Guidelines for Consultants Reporting on Contaminated Land (2020)*, and involved the following process:

- Desktop study (to assess the historical land use, the potential for contamination resulting from past land use). The study included:
 - Review of local geology;
 - Review of government records of groundwater bores in the area;
 - Review of available recent and historical aerial photography for the last 50 years;
 - Land title search of the respective lots available from the Land Titles Office;
 - Search of Environmental Protection Authority (EPA) website for any contamination notices for the site; and
- Site walkover to assess visible surface conditions and identify potential evidence of contamination, or past activities that may cause contamination.

Using the above information, the site was characterised into Areas of Environmental Concern (AEC), in which the potential for contamination has been identified, and Chemicals of Concern (CoC) that might be associated with those activities nominated. On completion of the Stage 1 assessment outlined above the following was undertaken:

- Excavation of shallow test pits with a shovel to assess the soil profile;
- Collection of samples from within the AECs identified and other areas deemed appropriate based on the site assessment; and
- Laboratory analysis of recovered samples for the identified CoC.

Samples were collected from the test pits and from surface soils within the AECs and across the site. The samples collected were analysed for a broad suite of common contaminants.

The results of the laboratory analysis were evaluated against the health-based investigation levels for a 'Residential B' site as outlined in National Environment Protection (Assessment of Site Contamination) Measure 2013 (NEPM) guidelines.

3 SITE CONDITIONS

3.1 Site Identification

General site information is provided below in Table 1. The site location and extent are shown in the satellite photograph in Section 3.2. The proposed development area within the site is shown in Figure 1.



Table 1: Summary of Site Details

Site Details	Description
Site Location:	Lot 2 & 3 DP1181268 Tamworth NSW
Approximate Site Area:	1,500m ²
Title Identification Details:	Unsealed carpark sections of Lot 2 and Lot 3.
Current Ownership:	Health Administration Corporation
Current Landuse:	Unofficial carpark
Proposed Landuse:	Carpark
Adjoining Site Uses:	<ul style="list-style-type: none">• Access road/existing bitumen carpark to the west.• Vacant land to the north.• Unseal carpark to the east and south.
Government Area:	Tamworth Regional Council

3.2 Surface Conditions

The site is located on a south facing slope. The carpark has been cut into the slope to create a flat area. 50mm to 100mm of gavel fill has been placed over the site to create a hardstand.

There is an undisturbed section within Lot 2 between the unsealed and sealed carparks that comprises maintained grass. Lot 2 extends up the hill into the natural profile where vegetation comprises grass and other small plants.

The satellite photograph below reproduced from Google Earth illustrates the site setting.



Diagram 2: Site setting reproduced from Google Earth with the subject area outlined red.

The site photographs in Plate 1 illustrate the general site conditions at the time of the site assessment.



Plate 1: Site Photographs



Looking south over the site.



Undisturbed section upslope of the unsealed carpark.



Grassed section between sealed and unsealed carparks.



Southern extent of site is current entry into the unsealed carpark.

3.3 Subsurface Conditions

The 1:250,000 Geology sheet of Tamworth indicates the site is underlain by the Timor Limestone Member.

Based on the geotechnical investigations undertaken for the A2 Banksia building located to the west of the proposed carpark (Ref. RGS32576.1 – AH dated 31 March 2021) the site is likely underlain by gravelly clay colluvial and residual soils. The shallow test pits excavated for this assessment encountered gravel fill overlying gravelly silty clay.

Groundwater was not encountered in this investigation or the previous investigation. Groundwater levels are expected to be about 3m below ground surface level.



No long-term groundwater monitoring was undertaken. Groundwater levels do fluctuate due to inclement weather, seasonal variations, or due to reasons that may not have been apparent at the time of the site investigation.

3.4 Hydrogeology

A groundwater bore search on the NSW Water Information website, <http://waterinfo.nsw.gov.au/gw/> indicates there is a licenced groundwater bore (GW057928) located within the hospital. The drill records indicate a water bearing zone of 26.2m to 26.5m. There is an additional bore (GW052834) located to the west that recorded a water bearing zone of 24.5m to 34m. The location of the bore is shown below.



Diagram 3: Groundwater bore GW057928 located on the site to the south of the development area.




4 SITE HISTORY


4.1 Historical Aerial Photography

A selection of readily available aerial photographs of the site were reviewed to assist in identifying past land uses that may contribute to site contamination. The results of the review are summarised in Table 3.

Table 3 - Aerial Photograph Summary

Year	Site	Surrounding Land
1976 	Undeveloped land adjacent to hospital.	Hospital buildings located to the west and south. Area to the north and east is undeveloped.



<p>1984</p> 	<p>Similar to previous.</p>	<p>New structure and road constructed about 70m to the west.</p>
<p>1989</p> 	<p>Similar to previous.</p>	<p>Similar to previous.</p>



<p>2013 Google Earth</p> 	<p>Area cleared, some construction materials stored.</p>	<p>Clearing and filling to the north and east. New carparks constructed to the west, and southwest.</p>
<p>2015</p> 	<p>Area used as laydown, appears to comprise shipping containers and building material.</p>	<p>Unsealed carpark developed to the south.</p>



<p data-bbox="488 268 703 296">2017 Google Earth</p> 	<p data-bbox="965 268 1400 328">Building materials removed and area used as unsealed carpark.</p>	<p data-bbox="1426 268 1888 328">Construction compound located to the south.</p>
<p data-bbox="488 754 703 783">2021 Google Earth</p> 	<p data-bbox="965 754 1180 783">Similar to previous.</p>	<p data-bbox="1426 754 1834 783">Construction compound removed.</p>



4.2 Site Observations

Field work was undertaken on 28 October 2021. Observations from a contamination perspective made during the site visit are summarised below:

- The existing carpark is unsealed;
- No signs of Asbestos Containing Materials (ACM) were observed;
- Gravel fill placed over site up to about 0.1m; and
- No odours or other signs of contamination such as oil staining were observed.

4.3 NSW EPA Records

A search of the NSW EPA website (<http://www.epa.nsw.gov.au/prpoeoapp/>) revealed that no notices have been issued on the site under the Contaminated Land Management Act (1997).

4.4 Land Title Search

A list of past registered proprietors and lessors of the site was obtained from the Land Titles Office. A summary of the title details is included in Appendix C.

The title history search revealed the following:

Lot 2 DP 1181268	
Prior to 2004	Crown Land (including Special Lease Tamworth City Council / State of New South Wales, and Reserved for Public Requirements)
2004 to 2013	State of New South Wales
2013 to present	Health Administration Corporation
Lot 3 DP 1181268	
Prior to 2012	Crown Land
2012 to 2013	State of New South Wales
2013 to present	Health Administration Corporation

4.5 Site History Summary

Based on available data the chronological development of the site is summarised below:

- Historically the site was crown land before being acquired by Health Administration Corporation;
- Both lots were acquired by Health Administration Corporation in 2013 and used as laydown/storage areas for construction material for on going hospital developments until about 2016; and
- The site was developed into an unsealed carpark and used as such from 2017 to present.



5 FIELD AND LABORATORY INVESTIGATIONS

5.1 Sampling Plan

The NSW EPA (1995) Sampling Design Guidelines recommend a minimum of 7 sampling locations to characterise a site of this size of the proposed development area (approximately 1,500m²). However, given the site's history and proposed future use a greater sampling density is considered adequate to characterise the site.

Eight soil samples (CP1 to CP8) were collected from eight shallow test pits undertaken across the site. In addition, eight surface samples (CP-A1 to CP-A18) were collected to test for presence of asbestos fragments. The eight samples collected were composited into two composite samples at a rate of 4:1. These two composite samples (CP-C1 to CP-C2) were selected to be tested, additionally four discrete soil samples were selected to be tested as well as seven surface samples for the presence of asbestos fragments.

5.2 Field Work

Field work for the assessment was undertaken on 28 October 2021 included:

- Site walkover to assess visible surface conditions and identify evidence of contamination, or past activities that may cause contamination (if any);
- Excavation of eight shallow test pits using a shovel;
- Collection of soil samples from the test pits and surface samples by a Geotechnical Engineer as outlined in Section 5.1.

The locations of the sampling points are shown on Figure 2. They were obtained on site and located by measurement relative to existing site features.

Soil samples were taken from fill and natural soil using disposable gloves. Sampling equipment was decontaminated between sampling points using Decon90 detergent and deionised water. Soil samples were collected in acid-rinsed 250mL glass jars and surface samples were collected snap-lock bag. The samples were placed in an ice-chilled cooler box.

5.3 Laboratory Analysis

Samples were transported under chain-of-custody conditions to ALS Laboratory Group, a NATA accredited specialist chemical testing laboratory, to be analysed for the following suite of contaminants:

- Polycyclic Aromatic Hydrocarbons (PAH);
- Total Recoverable Hydrocarbons (TRH);
- Benzene, Toluene, Ethyl-benzene, Xylenes (BTEX);
- Organochlorine and Organophosphorus Pesticides (OC/OPs);
- Heavy metals (arsenic, cadmium, chromium, cobalt, copper, lead, mercury, and zinc);
- Polychlorinated Biphenyls (PCB); and
- Presence of asbestos.



The results are presented in Appendix B.

5.4 Data Quality Objectives

The Data Quality Objectives (DQOs) are presented in Table 4.

Table 4 – Data Quality Objectives

DQO	Details of Process
State the Problem	A Stage 1 and Stage 2 SCA is required to assess the suitability of the site for a carpark upgrade from a contamination perspective.
Identify the Decision	<p>The principal study questions are:</p> <ul style="list-style-type: none"> What is the nature and extent of soil contamination on the subject land (if any)?; and Is the land suitable for the proposed carpark development from a contamination viewpoint?
Identify Inputs to the Decision	<p>The primary inputs are:</p> <ul style="list-style-type: none"> Site history study; Site walkover assessment; Chemical analysis and asbestos screening of selected soil samples; and Results summary.
Define the Boundary of the Assessment	<ul style="list-style-type: none"> The spatial boundaries are limited to the proposed development area as shown on Figure 1; and The investigation and screening levels for a Residential B land use scenario.
Develop a Decision Rule	<p>The decision rules for the investigation are:</p> <ul style="list-style-type: none"> If concentrations of contaminants in soil exceed the adopted investigation and screening levels for a Residential B land use scenario, then further assessment may be required; <p>Decision criteria for QA/QC measures are defined in Section 6.1. A decision on the acceptance of analytical data will be made on the basis of the data quality indicators (DQIs) in the context of precision, accuracy, representativeness, completeness and comparability (PARCC) parameters as follows:</p> <ul style="list-style-type: none"> Precision: NATA registered laboratories were used following NATA endorsed methods. An appropriate number of intra-laboratory samples were collected and analysed (following ASC NEPM guidance), the results of which are considered to be satisfactory; Accuracy: The laboratory limit or reporting (LOR) was appropriate for the screening criteria utilised. NATA registered laboratories were used following NATA endorsed methods including appropriate method blanks, laboratory control samples, laboratory spikes and duplicates the results of which are considered to be satisfactory.



DQO	Details of Process
	<ul style="list-style-type: none">• Representativeness – The samples were received by the laboratories in good condition. The data obtained is considered to be representative of the soils present on site;• Completeness – Experienced field staff were utilised to undertake the sampling and keep appropriate documentation. Samples were in proper custody between the field and reaching the laboratory. The laboratories performed the tests requested. The data obtained from the field investigations is considered to be relevant and usable; and• Comparability – Sample holding times were met and samples were properly and adequately preserved. Field sampling and handling procedures were followed. The data collected is considered to be comparable.
Specify Acceptable Limits on Decision Errors	<ul style="list-style-type: none">• Acceptable limits for QA/QC measures are defined in Section 6.1;• Acceptable investigation and screening levels are those for a Residential B land use scenario; and• Specific limits are in accordance with the appropriate NSW EPA guidelines including indicators of data quality and standard procedures for field sampling and handling.
Optimise the Design for Obtaining Data	Based on the above steps of the DQO process. The design for obtaining the required data (i.e., proposed field and laboratory investigations) is presented in Section 5.1.

6 GUIDELINES AND ASSESSMENT CRITERIA

Assessment as outlined in NSW EPA *Guidelines for Consultants Reporting on Contaminated Land (2020)*.

To evaluate results, and for guidance on assessment requirements, the assessment will adopt the guidelines provided in the *National Environment Protection (Assessment of Site Contamination) Measure (ASC NEPM 2013)*. The ASC NEPM document provides a range of guidelines for assessment of contaminants for various land use scenarios.

The proposed future land use is for a carpark expansion within an ongoing rural healthcare facility. As such, comparison with the NEPM guideline Health Investigation and Screening Levels for Residential B (high rise buildings and apartments with limited access to soil) land use is considered appropriate for this site as a conservative measure. In accordance with the NEPM guideline the following criteria were adopted for this assessment:

- Health Investigation Levels (HILs) for Residential 'B' land use (HIL-B) were used to assess the potential human health impact of heavy metals and polycyclic aromatic hydrocarbons (PAHs);
- Health Screening Levels (HSLs) for coarse textured (sand) or fine textured (silt and clay) soils on a Residential B site were adopted as appropriate for the soils encountered to assess the potential human health impact of petroleum hydrocarbons and benzene, toluene, ethylbenzene and xylene (BTEX) compounds;



- Ecological Investigation Levels (EILs) for urban residential and public open space land use were used for evaluation of the potential ecological / environmental impact of heavy metals and PAHs;
- Ecological Screening Levels (ESLs) for coarse textured (sand) soils or fine textured (silt and clay) soils on a Residential B land use site were adopted as appropriate for the soils encountered, to assess the potential ecological / environmental impact of petroleum hydrocarbons and BTEX compounds.

In accordance with NEPM 2013, exceedance of the respective criteria does not necessarily deem that remediation or clean-up is required but is a trigger for further assessment of the extent of contamination and associated risks. The adopted criteria are presented in the results summary table in Appendix B.

6.1 Quality Assurance / Quality Control

Samples were obtained using industry accepted protocols for sample treatment, preservation, and equipment decontamination. Sampling equipment was decontaminated between sample locations and a clean pair of nitrile gloves used for the collection of each sample into laboratory supplied glass sampling jars.

Samples were placed on ice on-site and maintained on ice during transport to the testing laboratories. One duplicate soil sample identified as D1 (duplicate of primary sample CP5) was submitted to the laboratory for analysis for quality control purposes. Comparison between the primary and duplicate samples are presented in the results summary table in Appendix B.

The Relative Percent Differences (RPDs) were calculated for the duplicate sample and presented in the results summary table in Appendix B. The RPDs were within the control limit of 30% for concentrations above 10 times the laboratory Limit of Reporting (LOR) or 50% for concentrations below 10 times the laboratory Limit of Reporting (LOR) indicated good correlation between the primary and duplicate samples.

In addition to the field quality control procedures, the laboratory conducted internal quality control testing including surrogates, blanks, and laboratory duplicate samples. The results are presented with the laboratory test results in Appendix B.

All laboratory quality control data is within acceptable limits for the tests carried out. Therefore, on the basis of the results of the field and laboratory quality control procedures and testing, the data is considered to reasonably represent the concentrations of contaminants in the soils at the sample locations at the time of sampling and the results can be adopted for this assessment.



6.2 Results

6.2.1 Subsurface Conditions

The soil samples tested and the soil types recorded in surface samples are summarised below in Table 5.

Table 5: Summary of Subsurface Conditions

Sample ID	Sample Tested	Description
CP1/CP-A1	Asbestos Only	Residual CLAY
CP2/CP-A2	Asbestos Only	Residual CLAY
CP3/CP-A3	Yes	Residual Gravelly CLAY
CP4/CP-A4	Yes	Fill
CP5/CP-A5	Yes	Fill
CP-D1	Yes	Duplicate of CP5
CP6/CP-A6	Asbestos Only	Fill
CP7/CP-A7	No	Fill
CP8/CP-A8	Yes	Residual Gravelly CLAY
CP-C1	Yes	Composite of CP1 to CP4
CP-C2	Yes	Composite of CP5 to CP8

6.2.2 Laboratory Results

An appraisal of the laboratory test results presented in Appendix B is provided below with reference to the adopted soil investigation and screening levels discussed in Section 6.

- Concentrations of heavy metals were either below the laboratory limit of reporting or below the adopted health investigation criteria for a Residential B site in each of the samples analysed;
- Concentrations of TRH, PAH, BTEX, PCB and OC/OP pesticides were below the laboratory limit of reporting in each of the samples analysed; and
- Asbestos was not detected in the soil samples analysed.



6.3 Conceptual Site Model

Based on the site observations and knowledge obtained about site activities as outlined above, a conceptual site model (CSM) has been developed.

6.3.1 Potential Sources of Contamination

Potential Areas of Environmental Concern (AECs) and Chemicals of Concern (COCs) identified for the assessment are outlined in Table 6.

Table 6: Potential AECs and COCs

AEC	Mode of Potential Contamination	Potential COCs	Likelihood of Contamination
AEC1: Imported fill	Potential soil contamination associated with the importation of uncontrolled fill from unknown origins	Heavy Metals, TRH, BTEX, PAH, PCB, OC/OPP and asbestos	Low to moderate
AEC2: Building waste from various developments	Potentially hazardous building materials	Heavy Metals and asbestos	Low to moderate
AEC3: Vegetation control	Pesticides potentially used to control pests	OC/OPP and herbicides	Low
AEC4: Unsurfaced car park	Potential soil contamination from leakage of fuels and lubricants associated with use of the site as an unsurfaced car park	TRH, BTEX and PAH	Low to moderate
<i>Heavy Metals - Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel and Zinc BTEX - Benzene, Toluene, Ethylbenzene and Xylene TRH - Total Recoverable Hydrocarbons PAH - Polycyclic Aromatic Hydrocarbons PCB - Polychlorinated Biphenyls OC/OPP - Organochlorine and Organophosphorus Pesticides</i>			

The approximate locations of the AEC's are shown on Figure 2.

The risk of groundwater contamination at the site was considered low as the potential sources of contamination were typically of surface origin. Furthermore, groundwater levels are expected to be in excess of 3m below existing ground level. An assessment of groundwater assessment was therefore not undertaken as part of this preliminary contamination assessment. Assessment of soil



vapours were not undertaken as it is also beyond the scope of this preliminary contamination assessment.

The presence of measurable concentrations of chemical substances does not automatically imply that the site will cause harm. In order for this to be the case, an exposure route must be present allowing a source to adversely affect a receptor.

6.3.2 Potential Exposure Pathways and Receptors

Based on the site observations and knowledge obtained about site activities as outlined above, potential exposure pathways and receptors identified for the assessment are summarised in Table 7.

Table 7: Potential Exposure Pathways and Receptors

Chemicals of Concern	Key Pathways	Key Receptors
Asbestos, heavy metals	Generation of dust during earthworks which is inhaled	Onsite - Construction and site workers Offsite - Adjacent sites
Asbestos, heavy metals, TPH, BTEX, PAH, PCB, OC/OPP, herbicides	Skin contact / ingestion, plant uptake, inhalation	Onsite - Construction and site workers, future site users, vegetation in landscaped areas
Heavy Metals, TPH, BTEX, PAH, PCB, OC/OPP, herbicides	Surface runoff and leaching of soils	Offsite - Surface water ecosystems and users
<i>Heavy Metals - Arsenic, Cadmium, Chromium, Copper, Lead, Mercury, Nickel and Zinc</i> <i>BTEX - Benzene, Toluene, Ethylbenzene and Xylene</i> <i>TPH - Total Petroleum Hydrocarbons</i> <i>PAH - Polycyclic Aromatic Hydrocarbons</i> <i>PCB - Polychlorinated Biphenyls</i> <i>OC/OPP - Organochlorine and Organophosphorus Pesticides</i>		

6.4 Discussion

A Stage 1 and Stage 2 SCA was required to assess past and present potentially contaminating activities and contamination types with regard to the site's suitability for a future carpark.

The site history study indicates that the site through its history has been utilised as a construction laydown, followed by an unsealed carpark.

Identified AEC's included imported fill of unknown origin, potential for building materials, potential leakage of fuels and lubricants from parked vehicles and potential for the use of pesticides on the site.

The results of laboratory analysis of soil samples collected from targeted locations (AEC's outlined above), revealed concentrations of the chemicals of concern were either below the laboratory detection limit, or below the adopted health investigation criteria for a Residential B site.



Asbestos was not detected in any of the soil samples submitted for analysis.

6.5 Site Assessment Conclusions and Recommendations

Based on the above and the findings of the Stage 1 and Stage 2 site SCA presented herein, the soils tested meets the requirements for a Residential B site as detailed in the NEPM 2013 guidelines and in accordance with 'State Environmental Planning Policy (Resilience and Hazards) 2021' the site is considered suitable for the proposed carpark development in its current state from a contamination perspective.

Site preparation works must be conducted in accordance with appropriate site management protocols and legislative requirements.

Should potential evidence of site contamination be identified during development activities, such as soil staining, buried materials, odours or possible ACM, then a site contamination specialist should be contacted for advice without delay.

7 LIMITATIONS

This report comprises the results of an investigation carried out for a specific purpose and client as defined in the document. The report should not be used by other parties or for purposes or projects other than those assumed and stated within the report, as it may not contain adequate or appropriate information for applications other than those assumed or advised at the time of its preparation. The contents of the report are for the sole use of the client and no responsibility or liability will be accepted to any third party. The report should not be reproduced either in part or in full, without the express permission of Regional Geotechnical Solutions Pty Ltd.

Contaminated site investigations are based on data collection, judgment, experience, and opinion. By nature, these investigations are less exact than other engineering disciplines. The findings presented in this report and used as the basis for the recommendations presented herein were obtained using normal, industry accepted practises and standards. To our knowledge, they represent a reasonable interpretation of the general condition of the site. Under no circumstances, however, can it be considered that these findings represent the actual state of the site at all points.

Recommendations regarding ground conditions referred to in this report are estimates based on the information available at the time of its writing. Estimates are influenced and limited by the fieldwork method and testing carried out in the site investigation, and other relevant information as has been made available. In cases where information has been provided to Regional Geotechnical Solutions for the purposes of preparing this report it has been assumed that the information is accurate and appropriate for such use. No responsibility is accepted by Regional Geotechnical Solutions for inaccuracies within any data supplied by others.

If site conditions encountered during construction vary significantly from those discussed in this report, Regional Geotechnical Solutions Pty Ltd should be contacted for further advice.

This report alone should not be used by contractors as the basis for preparation of tender documents or project estimates. Contractors using this report as a basis for preparation of tender documents should avail themselves of all relevant background information regarding the site before deciding on selection of construction materials and equipment.



For and on behalf of **Regional Geotechnical Solutions Pty Ltd**

Prepared by

Louis Davison

Geotechnical Engineer

Reviewed by

Adam Holzhauser

Associate Geotechnical Engineer



Figures



Proposed
Development
Area



Client:	Root Partnership	Job No.	RGS32576.1 AK
	Proposed Carpark Lot 2 & 3 DP1181268 Tamworth Hospital	Drawn By:	LD
		Scale:	NTS
		Date:	23-Nov-21
	Title:	Drawing No.	Figure 1



***Note:** AECs 1, 2, 3 & 4 include the majority or all of the subject site.

Legend

- Sample Location
- Extent of Development Area
- Composite Sample



Client:	Root Partnership	Job No.	RGS32576.1 AK
	Proposed Carpark Lot 2 & 3 DP1181268 Tamworth Hospital	Drawn By:	LD
		Scale:	NTS
		Date:	23-Nov-21
	Title:	Drawing No.	Figure 2



Appendix A

Laboratory Test Result Sheets



Comparison of Contamination Analysis Results with Adopted Investigation Levels (Results in mg/kg)

[illegible]

CRITERIA:

* Health Based Investigation Levels for Residential B (NEPM 2013)

**Health Screening Level (F1 & F2) for Residential B land use and coarse grained soil (sand) (NEPM 2013)

** Ecological Investigation Level - for Residential B land use

*** Ecological Screening Level for Residential B land use and fine grained soil

#Chromium VI

<LOR - Below the laboratory limit of reporting

CERTIFICATE OF ANALYSIS

Work Order : **ES2139315**
Client : **REGIONAL GEOTECHNICAL SOLUTION**
Contact : LOUIS DAVIDSON
Address : Unit 14 25-27 Hurley Drive
 COFFS HARBOUR NSW, AUSTRALIA 2450
Telephone : +61 02 6553 5641
Project : RGS32576.1 PROPOSED CARPARK
Order number : ----
C-O-C number : ----
Sampler : ----
Site : ----
Quote number : EN/222
No. of samples received : 18
No. of samples analysed : 14

Page : 1 of 13
Laboratory : Environmental Division Sydney
Contact : Customer Services ES
Address : 277-289 Woodpark Road Smithfield NSW Australia 2164
Telephone : +61-2-8784 8555
Date Samples Received : 01-Nov-2021 09:30
Date Analysis Commenced : 02-Nov-2021
Issue Date : 05-Nov-2021 13:39



Accreditation No. 825
 Accredited for compliance with
 ISO/IEC 17025 - Testing

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted, unless the sampling was conducted by ALS. This document shall not be reproduced, except in full.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Descriptive Results
- Surrogate Control Limits

Additional information pertinent to this report will be found in the following separate attachments: Quality Control Report, QA/QC Compliance Assessment to assist with Quality Review and Sample Receipt Notification.

Signatories

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

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Brendan Schrader	Laboratory Technician	Newcastle - Asbestos, Mayfield West, NSW
Edwandy Fadjjar	Organic Coordinator	Sydney Organics, Smithfield, NSW
Evie Sidarta	Inorganic Chemist	Sydney Inorganics, Smithfield, NSW
Ivan Taylor	Analyst	Sydney Inorganics, Smithfield, NSW



General Comments

The analytical procedures used by ALS have been developed from established internationally recognised procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are fully validated and are often at the client request.

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

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

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

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Where a result is required to meet compliance limits the associated uncertainty must be considered. Refer to the ALS Contact for details.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.

LOR = Limit of reporting

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

ø = ALS is not NATA accredited for these tests.

~ = Indicates an estimated value.

- Benzo(a)pyrene Toxicity Equivalent Quotient (TEQ) per the NEPM (2013) is the sum total of the concentration of the eight carcinogenic PAHs multiplied by their Toxicity Equivalence Factor (TEF) relative to Benzo(a)pyrene. TEF values are provided in brackets as follows: Benz(a)anthracene (0.1), Chrysene (0.01), Benzo(b+j) & Benzo(k)fluoranthene (0.1), Benzo(a)pyrene (1.0), Indeno(1.2.3.cd)pyrene (0.1), Dibenz(a,h)anthracene (1.0), Benzo(g,h,i)perylene (0.01). Less than LOR results for 'TEQ Zero' are treated as zero, for 'TEQ 1/2LOR' are treated as half the reported LOR, and for 'TEQ LOR' are treated as being equal to the reported LOR. Note: TEQ 1/2LOR and TEQ LOR will calculate as 0.6mg/Kg and 1.2mg/Kg respectively for samples with non-detects for all of the eight TEQ PAHs.
- EP080: Where reported, Total Xylenes is the sum of the reported concentrations of m&p-Xylene and o-Xylene at or above the LOR.
- EP068: Where reported, Total Chlordane (sum) is the sum of the reported concentrations of cis-Chlordane and trans-Chlordane at or above the LOR.
- EP068: Where reported, Total OCP is the sum of the reported concentrations of all Organochlorine Pesticides at or above LOR.
- EP075(SIM): Where reported, Total Cresol is the sum of the reported concentrations of 2-Methylphenol and 3- & 4-Methylphenol at or above the LOR.
- EA200 'Am' Amosite (brown asbestos)
- EA200 'Cr' Crocidolite (blue asbestos)
- EA200 'Trace' - Asbestos fibres ("Free Fibres") detected by trace analysis per AS4964. The result can be interpreted that the sample contains detectable 'respirable' asbestos fibres
- EA200: Asbestos Identification Samples were analysed by Polarised Light Microscopy including dispersion staining.
- EA200 Legend
- EA200 'Ch' Chrysotile (white asbestos)
- EA200: 'UMF' Unknown Mineral Fibres. "-" indicates fibres detected may or may not be asbestos fibres. Confirmation by alternative techniques is recommended.
- EA200: For samples larger than 30g, the <2mm fraction may be sub-sampled prior to trace analysis as outlined in ISO23909:2008(E) Sect 6.3.2-2
- EA200: 'Yes' - Asbestos detected by polarised light microscopy including dispersion staining.
- EA200: 'No*' - No asbestos found, at the reporting limit of 0.1g/kg, by polarised light microscopy including dispersion staining. Asbestos material was detected and positively identified at concentrations estimated to be below 0.1g/kg.
- EA200: 'No' - No asbestos found at the reporting limit 0.1g/kg, by polarised light microscopy including dispersion staining.



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP3_0.1-0.2	CP4_0.1-0.2	CP5_0.1-0.2	CP8_0.1-0.2	CP-C1_0.1-0.2
Sampling date / time					28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00
Compound	CAS Number	LOR	Unit		ES2139315-001	ES2139315-002	ES2139315-003	ES2139315-004	ES2139315-005
					Result	Result	Result	Result	Result
EA055: Moisture Content (Dried @ 105-110°C)									
Moisture Content	----	1.0	%		8.1	2.2	2.0	1.6	5.7
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg		6	<5	<5	<5	5
Cadmium	7440-43-9	1	mg/kg		<1	<1	<1	<1	<1
Chromium	7440-47-3	2	mg/kg		28	25	15	13	21
Copper	7440-50-8	5	mg/kg		37	32	32	31	34
Lead	7439-92-1	5	mg/kg		11	8	15	6	12
Nickel	7440-02-0	2	mg/kg		25	20	12	8	16
Zinc	7440-66-6	5	mg/kg		69	46	48	68	75
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg		<0.1	<0.1	<0.1	<0.1	<0.1
EP066: Polychlorinated Biphenyls (PCB)									
Total Polychlorinated biphenyls	----	0.1	mg/kg		<0.1	<0.1	<0.1	<0.1	----
EP068A: Organochlorine Pesticides (OC)									
alpha-BHC	319-84-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
beta-BHC	319-85-7	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
gamma-BHC	58-89-9	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
delta-BHC	319-86-8	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Heptachlor	76-44-8	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Aldrin	309-00-2	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
^ Total Chlordane (sum)	----	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
trans-Chlordane	5103-74-2	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
alpha-Endosulfan	959-98-8	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
cis-Chlordane	5103-71-9	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Dieldrin	60-57-1	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
4,4'-DDE	72-55-9	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Endrin	72-20-8	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
beta-Endosulfan	33213-65-9	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
^ Endosulfan (sum)	115-29-7	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
4,4'-DDD	72-54-8	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Endrin aldehyde	7421-93-4	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Endosulfan sulfate	1031-07-8	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP3_0.1-0.2	CP4_0.1-0.2	CP5_0.1-0.2	CP8_0.1-0.2	CP-C1_0.1-0.2
Sampling date / time					28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00
Compound	CAS Number	LOR	Unit		ES2139315-001	ES2139315-002	ES2139315-003	ES2139315-004	ES2139315-005
					Result	Result	Result	Result	Result
EP068A: Organochlorine Pesticides (OC) - Continued									
4,4'-DDT	50-29-3	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
Endrin ketone	53494-70-5	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Methoxychlor	72-43-5	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/5 0-2	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
EP068B: Organophosphorus Pesticides (OP)									
Dichlorvos	62-73-7	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Demeton-S-methyl	919-86-8	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Monocrotophos	6923-22-4	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
Dimethoate	60-51-5	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Diazinon	333-41-5	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Parathion-methyl	298-00-0	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
Malathion	121-75-5	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Fenthion	55-38-9	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Chlorpyrifos	2921-88-2	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Parathion	56-38-2	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
Pirimphos-ethyl	23505-41-1	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Chlorfenvinphos	470-90-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Bromophos-ethyl	4824-78-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Fenamiphos	22224-92-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Prothiofos	34643-46-4	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Ethion	563-12-2	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Carbophenothion	786-19-6	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
Azinphos Methyl	86-50-0	0.05	mg/kg		<0.05	<0.05	<0.05	<0.05	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons									
Naphthalene	91-20-3	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Acenaphthylene	208-96-8	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Acenaphthene	83-32-9	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Fluorene	86-73-7	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Phenanthrene	85-01-8	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Anthracene	120-12-7	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Fluoranthene	206-44-0	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Pyrene	129-00-0	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP3_0.1-0.2	CP4_0.1-0.2	CP5_0.1-0.2	CP8_0.1-0.2	CP-C1_0.1-0.2
Sampling date / time					28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00
Compound	CAS Number	LOR	Unit		ES2139315-001	ES2139315-002	ES2139315-003	ES2139315-004	ES2139315-005
					Result	Result	Result	Result	Result
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued									
Benz(a)anthracene	56-55-3	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Chrysene	218-01-9	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Dibenz(a.h)anthracene	53-70-3	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Benzo(g.h.i)perylene	191-24-2	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg		0.6	0.6	0.6	0.6	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg		1.2	1.2	1.2	1.2	----
EP080/071: Total Petroleum Hydrocarbons									
C6 - C9 Fraction	----	10	mg/kg		<10	<10	<10	<10	----
C10 - C14 Fraction	----	50	mg/kg		<50	<50	<50	<50	----
C15 - C28 Fraction	----	100	mg/kg		<100	<100	<100	<100	----
C29 - C36 Fraction	----	100	mg/kg		<100	<100	<100	<100	----
^ C10 - C36 Fraction (sum)	----	50	mg/kg		<50	<50	<50	<50	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions									
C6 - C10 Fraction	C6_C10	10	mg/kg		<10	<10	<10	<10	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg		<10	<10	<10	<10	----
>C10 - C16 Fraction	----	50	mg/kg		<50	<50	<50	<50	----
>C16 - C34 Fraction	----	100	mg/kg		<100	<100	<100	<100	----
>C34 - C40 Fraction	----	100	mg/kg		<100	<100	<100	<100	----
^ >C10 - C40 Fraction (sum)	----	50	mg/kg		<50	<50	<50	<50	----
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg		<50	<50	<50	<50	----
EP080: BTEXN									
Benzene	71-43-2	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
Toluene	108-88-3	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Ethylbenzene	100-41-4	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
ortho-Xylene	95-47-6	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP3_0.1-0.2	CP4_0.1-0.2	CP5_0.1-0.2	CP8_0.1-0.2	CP-C1_0.1-0.2
Sampling date / time					28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00
Compound	CAS Number	LOR	Unit		ES2139315-001	ES2139315-002	ES2139315-003	ES2139315-004	ES2139315-005
					Result	Result	Result	Result	Result
EP080: BTEXN - Continued									
^ Sum of BTEX	----	0.2	mg/kg		<0.2	<0.2	<0.2	<0.2	----
^ Total Xylenes	----	0.5	mg/kg		<0.5	<0.5	<0.5	<0.5	----
Naphthalene	91-20-3	1	mg/kg		<1	<1	<1	<1	----
EP066S: PCB Surrogate									
Decachlorobiphenyl	2051-24-3	0.1	%		92.6	100	85.3	94.8	----
EP068S: Organochlorine Pesticide Surrogate									
Dibromo-DDE	21655-73-2	0.05	%		83.5	109	82.5	94.1	----
EP068T: Organophosphorus Pesticide Surrogate									
DEF	78-48-8	0.05	%		86.8	99.4	84.4	96.6	----
EP075(SIM)S: Phenolic Compound Surrogates									
Phenol-d6	13127-88-3	0.5	%		97.9	99.9	98.0	99.8	----
2-Chlorophenol-D4	93951-73-6	0.5	%		92.1	93.6	92.9	93.5	----
2,4,6-Tribromophenol	118-79-6	0.5	%		77.2	79.9	78.8	78.0	----
EP075(SIM)T: PAH Surrogates									
2-Fluorobiphenyl	321-60-8	0.5	%		99.6	99.5	97.2	97.4	----
Anthracene-d10	1719-06-8	0.5	%		99.5	101	98.0	98.3	----
4-Terphenyl-d14	1718-51-0	0.5	%		90.8	91.6	88.7	89.3	----
EP080S: TPH(V)/BTEX Surrogates									
1,2-Dichloroethane-D4	17060-07-0	0.2	%		112	107	114	116	----
Toluene-D8	2037-26-5	0.2	%		109	108	113	115	----
4-Bromofluorobenzene	460-00-4	0.2	%		97.3	99.6	103	104	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP-C2_0.1-0.2	CP-A1_0-0.1	CP-A2_0-0.1	CP-A3_0-0.1	CP-A4_0-0.1
Sampling date / time					28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00
Compound	CAS Number	LOR	Unit		ES2139315-006	ES2139315-007	ES2139315-008	ES2139315-009	ES2139315-010
					Result	Result	Result	Result	Result
EA055: Moisture Content (Dried @ 105-110°C)									
Moisture Content	----	1.0	%		1.4	----	----	----	----
EA200: AS 4964 - 2004 Identification of Asbestos in Soils									
Asbestos Detected	1332-21-4	0.1	g/kg		----	No	No	No	No
Asbestos (Trace)	1332-21-4	5	Fibres		----	No	No	No	No
Asbestos Type	1332-21-4	-	--		----	-	-	-	-
Synthetic Mineral Fibre	----	0.1	g/kg		----	No	No	No	No
Organic Fibre	----	0.1	g/kg		----	No	No	No	No
Sample weight (dry)	----	0.01	g		----	188	275	289	269
APPROVED IDENTIFIER:	----	-	--		----	B.SCHRADER	B.SCHRADER	B.SCHRADER	B.SCHRADER
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg		<5	----	----	----	----
Cadmium	7440-43-9	1	mg/kg		<1	----	----	----	----
Chromium	7440-47-3	2	mg/kg		11	----	----	----	----
Copper	7440-50-8	5	mg/kg		27	----	----	----	----
Lead	7439-92-1	5	mg/kg		7	----	----	----	----
Nickel	7440-02-0	2	mg/kg		8	----	----	----	----
Zinc	7440-66-6	5	mg/kg		50	----	----	----	----
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg		<0.1	----	----	----	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP-A5_0-0.1	CP-A6_0-0.1	CP-A8_0-0.1	CP-D1	----
Sampling date / time					28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	----
Compound	CAS Number	LOR	Unit		ES2139315-011	ES2139315-012	ES2139315-013	ES2139315-014	-----
				Result	Result	Result	Result	Result	----
EA055: Moisture Content (Dried @ 105-110°C)									
Moisture Content	----	1.0	%		----	----	----	1.7	----
EA200: AS 4964 - 2004 Identification of Asbestos in Soils									
Asbestos Detected	1332-21-4	0.1	g/kg		No	No	No	----	----
Asbestos (Trace)	1332-21-4	5	Fibres		No	No	No	----	----
Asbestos Type	1332-21-4	-	--		-	-	-	----	----
Synthetic Mineral Fibre	----	0.1	g/kg		No	No	No	----	----
Organic Fibre	----	0.1	g/kg		No	No	No	----	----
Sample weight (dry)	----	0.01	g		296	322	339	----	----
APPROVED IDENTIFIER:	----	-	--		B.SCHRADER	B.SCHRADER	B.SCHRADER	----	----
EG005(ED093)T: Total Metals by ICP-AES									
Arsenic	7440-38-2	5	mg/kg		----	----	----	<5	----
Cadmium	7440-43-9	1	mg/kg		----	----	----	<1	----
Chromium	7440-47-3	2	mg/kg		----	----	----	12	----
Copper	7440-50-8	5	mg/kg		----	----	----	26	----
Lead	7439-92-1	5	mg/kg		----	----	----	9	----
Nickel	7440-02-0	2	mg/kg		----	----	----	11	----
Zinc	7440-66-6	5	mg/kg		----	----	----	38	----
EG035T: Total Recoverable Mercury by FIMS									
Mercury	7439-97-6	0.1	mg/kg		----	----	----	<0.1	----
EP066: Polychlorinated Biphenyls (PCB)									
Total Polychlorinated biphenyls	----	0.1	mg/kg		----	----	----	<0.1	----
EP068A: Organochlorine Pesticides (OC)									
alpha-BHC	319-84-6	0.05	mg/kg		----	----	----	<0.05	----
Hexachlorobenzene (HCB)	118-74-1	0.05	mg/kg		----	----	----	<0.05	----
beta-BHC	319-85-7	0.05	mg/kg		----	----	----	<0.05	----
gamma-BHC	58-89-9	0.05	mg/kg		----	----	----	<0.05	----
delta-BHC	319-86-8	0.05	mg/kg		----	----	----	<0.05	----
Heptachlor	76-44-8	0.05	mg/kg		----	----	----	<0.05	----
Aldrin	309-00-2	0.05	mg/kg		----	----	----	<0.05	----
Heptachlor epoxide	1024-57-3	0.05	mg/kg		----	----	----	<0.05	----
^ Total Chlordane (sum)	----	0.05	mg/kg		----	----	----	<0.05	----
trans-Chlordane	5103-74-2	0.05	mg/kg		----	----	----	<0.05	----
alpha-Endosulfan	959-98-8	0.05	mg/kg		----	----	----	<0.05	----
cis-Chlordane	5103-71-9	0.05	mg/kg		----	----	----	<0.05	----

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP-A5_0-0.1	CP-A6_0-0.1	CP-A8_0-0.1	CP-D1	----
Sampling date / time				28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	----	
Compound	CAS Number	LOR	Unit	ES2139315-011	ES2139315-012	ES2139315-013	ES2139315-014	-----	
				Result	Result	Result	Result	----	
EP068A: Organochlorine Pesticides (OC) - Continued									
Dieldrin	60-57-1	0.05	mg/kg	----	----	----	<0.05	----	
4,4'-DDE	72-55-9	0.05	mg/kg	----	----	----	<0.05	----	
Endrin	72-20-8	0.05	mg/kg	----	----	----	<0.05	----	
beta-Endosulfan	33213-65-9	0.05	mg/kg	----	----	----	<0.05	----	
^ Endosulfan (sum)	115-29-7	0.05	mg/kg	----	----	----	<0.05	----	
4,4'-DDD	72-54-8	0.05	mg/kg	----	----	----	<0.05	----	
Endrin aldehyde	7421-93-4	0.05	mg/kg	----	----	----	<0.05	----	
Endosulfan sulfate	1031-07-8	0.05	mg/kg	----	----	----	<0.05	----	
4,4'-DDT	50-29-3	0.2	mg/kg	----	----	----	<0.2	----	
Endrin ketone	53494-70-5	0.05	mg/kg	----	----	----	<0.05	----	
Methoxychlor	72-43-5	0.2	mg/kg	----	----	----	<0.2	----	
^ Sum of Aldrin + Dieldrin	309-00-2/60-57-1	0.05	mg/kg	----	----	----	<0.05	----	
^ Sum of DDD + DDE + DDT	72-54-8/72-55-9/50-2	0.05	mg/kg	----	----	----	<0.05	----	
EP068B: Organophosphorus Pesticides (OP)									
Dichlorvos	62-73-7	0.05	mg/kg	----	----	----	<0.05	----	
Demeton-S-methyl	919-86-8	0.05	mg/kg	----	----	----	<0.05	----	
Monocrotophos	6923-22-4	0.2	mg/kg	----	----	----	<0.2	----	
Dimethoate	60-51-5	0.05	mg/kg	----	----	----	<0.05	----	
Diazinon	333-41-5	0.05	mg/kg	----	----	----	<0.05	----	
Chlorpyrifos-methyl	5598-13-0	0.05	mg/kg	----	----	----	<0.05	----	
Parathion-methyl	298-00-0	0.2	mg/kg	----	----	----	<0.2	----	
Malathion	121-75-5	0.05	mg/kg	----	----	----	<0.05	----	
Fenthion	55-38-9	0.05	mg/kg	----	----	----	<0.05	----	
Chlorpyrifos	2921-88-2	0.05	mg/kg	----	----	----	<0.05	----	
Parathion	56-38-2	0.2	mg/kg	----	----	----	<0.2	----	
Pirimphos-ethyl	23505-41-1	0.05	mg/kg	----	----	----	<0.05	----	
Chlorfenvinphos	470-90-6	0.05	mg/kg	----	----	----	<0.05	----	
Bromophos-ethyl	4824-78-6	0.05	mg/kg	----	----	----	<0.05	----	
Fenamiphos	22224-92-6	0.05	mg/kg	----	----	----	<0.05	----	
Prothiofos	34643-46-4	0.05	mg/kg	----	----	----	<0.05	----	
Ethion	563-12-2	0.05	mg/kg	----	----	----	<0.05	----	
Carbophenothion	786-19-6	0.05	mg/kg	----	----	----	<0.05	----	
Azinphos Methyl	86-50-0	0.05	mg/kg	----	----	----	<0.05	----	
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons									



Analytical Results

Sub-Matrix: SOIL
 (Matrix: SOIL)

Sample ID

				CP-A5_0-0.1	CP-A6_0-0.1	CP-A8_0-0.1	CP-D1	----
Sampling date / time				28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	----
Compound	CAS Number	LOR	Unit	ES2139315-011	ES2139315-012	ES2139315-013	ES2139315-014	-----
				Result	Result	Result	Result	----
EP075(SIM)B: Polynuclear Aromatic Hydrocarbons - Continued								
Naphthalene	91-20-3	0.5	mg/kg	----	----	----	<0.5	----
Acenaphthylene	208-96-8	0.5	mg/kg	----	----	----	<0.5	----
Acenaphthene	83-32-9	0.5	mg/kg	----	----	----	<0.5	----
Fluorene	86-73-7	0.5	mg/kg	----	----	----	<0.5	----
Phenanthrene	85-01-8	0.5	mg/kg	----	----	----	<0.5	----
Anthracene	120-12-7	0.5	mg/kg	----	----	----	<0.5	----
Fluoranthene	206-44-0	0.5	mg/kg	----	----	----	<0.5	----
Pyrene	129-00-0	0.5	mg/kg	----	----	----	<0.5	----
Benz(a)anthracene	56-55-3	0.5	mg/kg	----	----	----	<0.5	----
Chrysene	218-01-9	0.5	mg/kg	----	----	----	<0.5	----
Benzo(b+j)fluoranthene	205-99-2 205-82-3	0.5	mg/kg	----	----	----	<0.5	----
Benzo(k)fluoranthene	207-08-9	0.5	mg/kg	----	----	----	<0.5	----
Benzo(a)pyrene	50-32-8	0.5	mg/kg	----	----	----	<0.5	----
Indeno(1.2.3.cd)pyrene	193-39-5	0.5	mg/kg	----	----	----	<0.5	----
Dibenz(a,h)anthracene	53-70-3	0.5	mg/kg	----	----	----	<0.5	----
Benzo(g,h,i)perylene	191-24-2	0.5	mg/kg	----	----	----	<0.5	----
^ Sum of polycyclic aromatic hydrocarbons	----	0.5	mg/kg	----	----	----	<0.5	----
^ Benzo(a)pyrene TEQ (zero)	----	0.5	mg/kg	----	----	----	<0.5	----
^ Benzo(a)pyrene TEQ (half LOR)	----	0.5	mg/kg	----	----	----	0.6	----
^ Benzo(a)pyrene TEQ (LOR)	----	0.5	mg/kg	----	----	----	1.2	----
EP080/071: Total Petroleum Hydrocarbons								
C6 - C9 Fraction	----	10	mg/kg	----	----	----	<10	----
C10 - C14 Fraction	----	50	mg/kg	----	----	----	<50	----
C15 - C28 Fraction	----	100	mg/kg	----	----	----	<100	----
C29 - C36 Fraction	----	100	mg/kg	----	----	----	<100	----
^ C10 - C36 Fraction (sum)	----	50	mg/kg	----	----	----	<50	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions								
C6 - C10 Fraction	C6_C10	10	mg/kg	----	----	----	<10	----
^ C6 - C10 Fraction minus BTEX (F1)	C6_C10-BTEX	10	mg/kg	----	----	----	<10	----
>C10 - C16 Fraction	----	50	mg/kg	----	----	----	<50	----
>C16 - C34 Fraction	----	100	mg/kg	----	----	----	<100	----
>C34 - C40 Fraction	----	100	mg/kg	----	----	----	<100	----
^ >C10 - C40 Fraction (sum)	----	50	mg/kg	----	----	----	<50	----



Analytical Results

Sub-Matrix: SOIL (Matrix: SOIL)				Sample ID	CP-A5_0-0.1	CP-A6_0-0.1	CP-A8_0-0.1	CP-D1	----
Sampling date / time					28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	28-Oct-2021 00:00	----
Compound	CAS Number	LOR	Unit		ES2139315-011	ES2139315-012	ES2139315-013	ES2139315-014	-----
				Result	Result	Result	Result	Result	----
EP080/071: Total Recoverable Hydrocarbons - NEPM 2013 Fractions - Continued									
^ >C10 - C16 Fraction minus Naphthalene (F2)	----	50	mg/kg		----	----	----	<50	----
EP080: BTEXN									
Benzene	71-43-2	0.2	mg/kg		----	----	----	<0.2	----
Toluene	108-88-3	0.5	mg/kg		----	----	----	<0.5	----
Ethylbenzene	100-41-4	0.5	mg/kg		----	----	----	<0.5	----
meta- & para-Xylene	108-38-3 106-42-3	0.5	mg/kg		----	----	----	<0.5	----
ortho-Xylene	95-47-6	0.5	mg/kg		----	----	----	<0.5	----
^ Sum of BTEX	----	0.2	mg/kg		----	----	----	<0.2	----
^ Total Xylenes	----	0.5	mg/kg		----	----	----	<0.5	----
Naphthalene	91-20-3	1	mg/kg		----	----	----	<1	----
EP066S: PCB Surrogate									
Decachlorobiphenyl	2051-24-3	0.1	%		----	----	----	105	----
EP068S: Organochlorine Pesticide Surrogate									
Dibromo-DDE	21655-73-2	0.05	%		----	----	----	104	----
EP068T: Organophosphorus Pesticide Surrogate									
DEF	78-48-8	0.05	%		----	----	----	104	----
EP075(SIM)S: Phenolic Compound Surrogates									
Phenol-d6	13127-88-3	0.5	%		----	----	----	97.1	----
2-Chlorophenol-D4	93951-73-6	0.5	%		----	----	----	91.8	----
2,4,6-Tribromophenol	118-79-6	0.5	%		----	----	----	75.8	----
EP075(SIM)T: PAH Surrogates									
2-Fluorobiphenyl	321-60-8	0.5	%		----	----	----	96.0	----
Anthracene-d10	1719-06-8	0.5	%		----	----	----	96.5	----
4-Terphenyl-d14	1718-51-0	0.5	%		----	----	----	86.7	----
EP080S: TPH(V)/BTEX Surrogates									
1,2-Dichloroethane-D4	17060-07-0	0.2	%		----	----	----	113	----
Toluene-D8	2037-26-5	0.2	%		----	----	----	112	----
4-Bromofluorobenzene	460-00-4	0.2	%		----	----	----	101	----



Analytical Results

Descriptive Results

Sub-Matrix: **SOIL**

Method: Compound	Sample ID - Sampling date / time	Analytical Results
EA200: AS 4964 - 2004 Identification of Asbestos in Soils		
EA200: Description	CP-A1_0-0.1 - 28-Oct-2021 00:00	A soil sample.
EA200: Description	CP-A2_0-0.1 - 28-Oct-2021 00:00	A soil sample.
EA200: Description	CP-A3_0-0.1 - 28-Oct-2021 00:00	A soil sample.
EA200: Description	CP-A4_0-0.1 - 28-Oct-2021 00:00	A soil sample.
EA200: Description	CP-A5_0-0.1 - 28-Oct-2021 00:00	A soil sample.
EA200: Description	CP-A6_0-0.1 - 28-Oct-2021 00:00	A soil sample.
EA200: Description	CP-A8_0-0.1 - 28-Oct-2021 00:00	A soil sample.



Surrogate Control Limits

Sub-Matrix: SOIL		Recovery Limits (%)	
Compound	CAS Number	Low	High
EP066S: PCB Surrogate			
Decachlorobiphenyl	2051-24-3	39	149
EP068S: Organochlorine Pesticide Surrogate			
Dibromo-DDE	21655-73-2	49	147
EP068T: Organophosphorus Pesticide Surrogate			
DEF	78-48-8	35	143
EP075(SIM)S: Phenolic Compound Surrogates			
Phenol-d6	13127-88-3	63	123
2-Chlorophenol-D4	93951-73-6	66	122
2,4,6-Tribromophenol	118-79-6	40	138
EP075(SIM)T: PAH Surrogates			
2-Fluorobiphenyl	321-60-8	70	122
Anthracene-d10	1719-06-8	66	128
4-Terphenyl-d14	1718-51-0	65	129
EP080S: TPH(V)/BTEX Surrogates			
1,2-Dichloroethane-D4	17060-07-0	73	133
Toluene-D8	2037-26-5	74	132
4-Bromofluorobenzene	460-00-4	72	130

Inter-Laboratory Testing

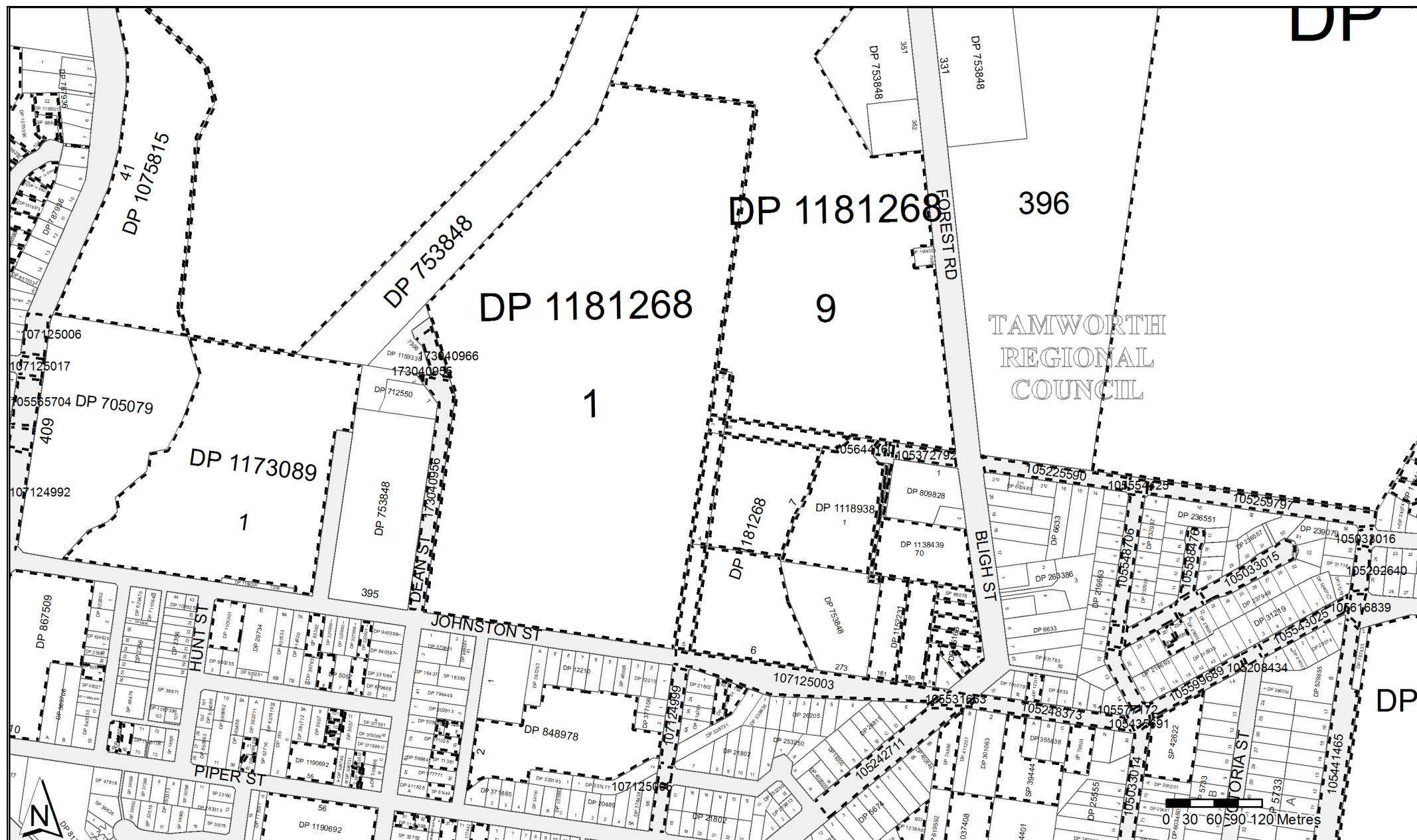
Analysis conducted by ALS Newcastle, NATA accreditation no. 825, site no. 1656 (Chemistry) 9854 (Biology).


























(SOIL) EA200: AS 4964 - 2004 Identification of Asbestos in Soils

























Appendix B

Results of Site History Study





























	Status	Surv/Comp	Purpose
DP5057			
Lot(s): 6			
 DP1251197	WITHDRAWN	UNAVAILABLE	EASEMENT
Lot(s): 8			
 DP1139570	REGISTERED	SURVEY	REDEFINITION
DP25168			
Lot(s): 2, 3, 4, 5, 6, 8			
 DP1152231	REGISTERED	SURVEY	SUBDIVISION
DP322001			
Lot(s): 1			
 DP1251197	WITHDRAWN	UNAVAILABLE	EASEMENT
DP371028			
Lot(s): 7B			
 DP1167165	WITHDRAWN	UNAVAILABLE	CONSOLIDATION
DP392344			
Lot(s): 6B			
 DP1167165	WITHDRAWN	UNAVAILABLE	CONSOLIDATION
DP505056			
Lot(s): 2			
 DP1167165	WITHDRAWN	UNAVAILABLE	CONSOLIDATION
DP626018			
Lot(s): 4			
 DP1167052	PRE-ALLOCATED	UNAVAILABLE	REDEFINITION
DP848978			
Lot(s): 2			
 RETIREMENT VILLAGE. VILLAS 1-36 SHOWN IN PLAN WITH MEMORANDUM AB21496			
DP867509			
Lot(s): 10			
 DP1134688	REGISTERED	SURVEY	EASEMENT
DP1026894			
Lot(s): 251, 252			
 DP219693	HISTORICAL	SURVEY	SUBDIVISION
DP1031338			
Lot(s): 4			
 DP240741	HISTORICAL	SURVEY	SUBDIVISION
DP1034696			
Lot(s): 6			
 DP240741	HISTORICAL	SURVEY	SUBDIVISION
 DP602465	HISTORICAL	COMPILATION	SUBDIVISION
 DP1026417	HISTORICAL	SURVEY	SUBDIVISION
 DP1031338	HISTORICAL	SURVEY	SUBDIVISION
DP1035048			
Lot(s): 317			
 DP855946	HISTORICAL	SURVEY	SUBDIVISION
DP1037408			
Lot(s): 12			
 DP619592	HISTORICAL	SURVEY	SUBDIVISION
DP1059088			
Lot(s): 11			
 DP240741	HISTORICAL	SURVEY	SUBDIVISION
 DP602465	HISTORICAL	COMPILATION	SUBDIVISION
 DP1026417	HISTORICAL	SURVEY	SUBDIVISION
 DP1031338	HISTORICAL	SURVEY	SUBDIVISION
 DP1034696	HISTORICAL	SURVEY	SUBDIVISION
 DP1041089	HISTORICAL	SURVEY	SUBDIVISION
DP1062507			
Lot(s): 61, 62			
 DP587549	HISTORICAL	COMPILATION	SUBDIVISION
Lot(s): 62			
 DP2356	HISTORICAL	COMPILATION	UNRESEARCHED





































Caution: This information is provided as a searching aid only. Whilst every endeavour is made to ensure that current map, plan and titling information is accurately reflected, the Registrar General cannot guarantee the information provided. For **ALL** **ACTIVITY PRIOR TO SEPTEMBER 2002** you must refer to the RGs Charting and Reference Maps.

	Status	Surv/Comp	Purpose
DP1065791 Lot(s): 41, 42  DP362211	HISTORICAL	SURVEY	UNRESEARCHED
DP1075815 Lot(s): 41  DP705079	HISTORICAL	SURVEY	CROWN FOLIO CREATION
DP1081866 Lot(s): 101, 102, 103  DP5057	HISTORICAL	SURVEY	UNRESEARCHED
DP1101001 Lot(s): 1  DP29734	HISTORICAL	SURVEY	UNRESEARCHED
DP1114638 Lot(s): 51  DP602465	HISTORICAL	COMPILATION	SUBDIVISION
 DP1026417	HISTORICAL	SURVEY	SUBDIVISION
 DP1031338	HISTORICAL	SURVEY	SUBDIVISION
DP1118938 Lot(s): 1  DP753848	HISTORICAL	COMPILATION	CROWN ADMIN NO.
 DP1099608	HISTORICAL	SURVEY	ROADS ACT, 1993
 NSW GAZ. 21-09-2007			Folio : 7235
LOT 1 DP1099608 - SEE AD462184			
Lot(s): 1, 3  NSW GAZ. 11-07-2008			Folio : 6941
CLOSED ROAD			
AD790097 - LOT 3 DP1118938			
Lot(s): 2  NSW GAZ. 08-02-2008			Folio : 672
CLOSED ROAD			
LOT 2 DP1118938			
DP1119787 Lot(s): 2  NSW GAZ. 22-02-2008			Folio : 1160
CLOSED ROAD			
LOT 2 DP1119787			
DP1130126 Lot(s): 12  DP852522	HISTORICAL	SURVEY	CONSOLIDATION
DP1138439 Lot(s): 70  DP753848	HISTORICAL	COMPILATION	CROWN ADMIN NO.
 DP1118603	HISTORICAL	COMPILATION	CROWN FOLIO CREATION
 NSW GAZ. 28-12-2007			Folio : 10758
CLOSED ROAD			
LOT 1 DP1118603			
DP1141098 Lot(s): 81, 82  DP663137	HISTORICAL	COMPILATION	DEPARTMENTAL
DP1152231 Lot(s): 181  DP1119787	HISTORICAL	COMPILATION	ROADS ACT, 1993
 NSW GAZ. 21-12-2007			Folio : 9993
CLOSED ROAD			
LOT 1 DP1119787			
Lot(s): 180, 181  DP753848	HISTORICAL	COMPILATION	CROWN ADMIN NO.
Lot(s): 180  NSW GAZ. 16-08-2013			Folio : 3777
LOT 180 DP1152231 VESTED BY THE NEW SOUTH WALES LAND AND HOUSING CORPORATION IN HOMES NORTH COMMUNITY HOUSING COMPANY LTD			






























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	Status	Surv/Comp	Purpose
DP1154905			
Lot(s): 54, 55, 56			
 DP240741	HISTORICAL	SURVEY	SUBDIVISION
 DP602465	HISTORICAL	COMPILATION	SUBDIVISION
 DP1026417	HISTORICAL	SURVEY	SUBDIVISION
 DP1031338	HISTORICAL	SURVEY	SUBDIVISION
 DP1034696	HISTORICAL	SURVEY	SUBDIVISION
 DP1041089	HISTORICAL	SURVEY	SUBDIVISION
 DP1059088	HISTORICAL	SURVEY	SUBDIVISION
 DP1071003	HISTORICAL	SURVEY	SUBDIVISION
DP1158146			
Lot(s): 7304			
 NSW GAZ.	22-07-2016	Folio : 2048	
REVOCATION OF RESERVATION OF CROWN LAND RESERVE NO. 96144 - LOTS 435-436 DP1054103 AND LOT 7304 DP1158146			
DP1168984			
Lot(s): 11, 13, 14, 15, 16			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
DP1173089			
Lot(s): 1			
 DP47171	HISTORICAL	SURVEY	CROWN FOLIO CREATION
 DP753848	HISTORICAL	COMPILATION	CROWN ADMIN NO.
 DP1055791	HISTORICAL	SURVEY	CROWN FOLIO CREATION
 DP1165492	HISTORICAL	SURVEY	REDEFINITION
 NSW GAZ.	01-07-2011	Folio : 4697	
REVOCATION OF RESERVATION OF CROWN LAND RESERVE NO. 753848 - PART BEING LOTS 405-408 DP47171, LOT 431 DP1055791, LOTS 265, 330 AND 363 DP753848 AND LOT 1 DP1165492			
DP1176430			
Lot(s): 11, 12			
 DP356648	HISTORICAL	SURVEY	UNRESEARCHED
DP1181268			
Lot(s): 1			
 DP533835	HISTORICAL	SURVEY	RESUMPTION OR ACQUISITION
 DP1195542	REGISTERED	SURVEY	EASEMENT
Lot(s): 6			
 DP1188571	REGISTERED	SURVEY	RESUMPTION OR ACQUISITION
 NSW GAZ.	11-10-2013	Folio : 4470	
ACQUIRED FOR THE PURPOSES OF THE HEALTH ADMINISTRATION ACT 1982 LOT 61 DP1188571 AND EASEMENTS DESIGNATED (A) AND (B) SHOWN IN DP1188571			
Lot(s): 3, 8			
 DP1175412	HISTORICAL	COMPILATION	CROWN ROAD ENCLOSURE
Lot(s): 2, 9			
 DP1076546	HISTORICAL	COMPILATION	DEPARTMENTAL
Lot(s): 1, 4, 5, 6, 7			
 DP753848	HISTORICAL	COMPILATION	CROWN ADMIN NO.
Lot(s): 8			
 NSW GAZ.	11-05-2012	Folio : 1366	
CLOSED ROAD LOT 1 DP1175412			
 NSW GAZ.	22-06-2012	Folio : 2514	
ADDITION TO RESERVED CROWN LAND RESERVE NO. 14778 - LOT 1 DP1175412			
Lot(s): 1, 2, 3, 4, 5			
 NSW GAZ.	21-12-2012	Folio : 5244	
ACQUIRED FOR THE PURPOSES OF THE HEALTH ADMINISTRATION ACT 1982 - LOTS 1-5 DP1181268			

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	Status	Surv/Comp	Purpose
DP1185500			
Lot(s): 18			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
 DP1168984	HISTORICAL	SURVEY	SUBDIVISION
DP1190692			
Lot(s): 56			
 DP5057	HISTORICAL	SURVEY	UNRESEARCHED
 DP408923	HISTORICAL	SURVEY	UNRESEARCHED
 DP873857	HISTORICAL	COMPILATION	CONSOLIDATION
DP1199017			
Lot(s): 22, 23, 24			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
 DP1168984	HISTORICAL	SURVEY	SUBDIVISION
 DP1185500	HISTORICAL	SURVEY	SUBDIVISION
DP1212334			
Lot(s): 26, 28			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
 DP1168984	HISTORICAL	SURVEY	SUBDIVISION
 DP1185500	HISTORICAL	SURVEY	SUBDIVISION
 DP1199017	HISTORICAL	SURVEY	SUBDIVISION
DP1219373			
Lot(s): 30, 32			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
 DP1168984	HISTORICAL	SURVEY	SUBDIVISION
 DP1185500	HISTORICAL	SURVEY	SUBDIVISION
 DP1199017	HISTORICAL	SURVEY	SUBDIVISION
 DP1212334	HISTORICAL	SURVEY	SUBDIVISION
DP1231114			
Lot(s): 3			
 DP6633	HISTORICAL	SURVEY	UNRESEARCHED
DP1233761			
Lot(s): 155, 156			
 DP21802	HISTORICAL	SURVEY	UNRESEARCHED
DP1238493			
Lot(s): 603			
 DP5674	HISTORICAL	SURVEY	UNRESEARCHED
 DP1107746	HISTORICAL	SURVEY	SUBDIVISION
DP1243825			
Lot(s): 34			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
 DP1168984	HISTORICAL	SURVEY	SUBDIVISION
 DP1185500	HISTORICAL	SURVEY	SUBDIVISION
 DP1199017	HISTORICAL	SURVEY	SUBDIVISION
 DP1212334	HISTORICAL	SURVEY	SUBDIVISION
 DP1219373	HISTORICAL	SURVEY	SUBDIVISION
 DP1239283	HISTORICAL	SURVEY	SUBDIVISION
DP1275336			
Lot(s): 103, 104			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
 DP1168984	HISTORICAL	SURVEY	SUBDIVISION
 DP1185500	HISTORICAL	SURVEY	SUBDIVISION
 DP1199017	HISTORICAL	SURVEY	SUBDIVISION
 DP1212334	HISTORICAL	SURVEY	SUBDIVISION
 DP1219373	HISTORICAL	SURVEY	SUBDIVISION
 DP1239283	HISTORICAL	SURVEY	SUBDIVISION
 DP1243825	HISTORICAL	SURVEY	SUBDIVISION

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	Status	Surv/Comp	Purpose
SP39444			
 SP76794	REGISTERED	COMPILATION	STRATA SUBDIVISION PLAN
 SP76795	REGISTERED	COMPILATION	STRATA SUBDIVISION PLAN
 SP76796	REGISTERED	COMPILATION	STRATA SUBDIVISION PLAN
SP42622			
 SP92944	REGISTERED	COMPILATION	STRATA SUBDIVISION PLAN
SP69014			
 DP777442	HISTORICAL	SURVEY	SUBDIVISION
 SP74348	REGISTERED	COMPILATION	STRATA SUBDIVISION PLAN
SP71381			
 DP599841	HISTORICAL	COMPILATION	SUBDIVISION
 DP1060436	HISTORICAL	SURVEY	REDEFINITION
SP74886			
 DP411207	HISTORICAL	SURVEY	UNRESEARCHED
 DP1082072	HISTORICAL	SURVEY	REDEFINITION
SP79603			
 DP1117945	HISTORICAL	SURVEY	CONSOLIDATION
SP81449			
 DP411525	HISTORICAL	SURVEY	UNRESEARCHED
 DP1132459	HISTORICAL	SURVEY	REDEFINITION
SP83382			
 DP367939	HISTORICAL	SURVEY	UNRESEARCHED
 DP1139570	HISTORICAL	SURVEY	REDEFINITION
SP96078			
 DP25168	HISTORICAL	SURVEY	UNRESEARCHED
 DP1234151	HISTORICAL	SURVEY	REDEFINITION
SP98897			
 DP787936	HISTORICAL	SURVEY	SUBDIVISION
 DP1168984	HISTORICAL	SURVEY	SUBDIVISION
 DP1185500	HISTORICAL	SURVEY	SUBDIVISION
 DP1199017	HISTORICAL	SURVEY	SUBDIVISION
 DP1212334	HISTORICAL	SURVEY	SUBDIVISION
 DP1219373	HISTORICAL	SURVEY	SUBDIVISION
Road			
Polygon Id(s): 105644160			
 DP1099608	HISTORICAL	SURVEY	ROADS ACT, 1993
Polygon Id(s): 105033014, 105441465			
 NSW GAZ.	07-06-2019	Folio : 1861	
TRANSFER OF CROWN ROAD TO COUNCIL AFFECTING THE LAND SHADED RED IN THE DIAGRAM ACCOMPANYING THIS GAZETTE NOTIFICATION			
Polygon Id(s): 105010105, 105372792, 105644160			
 NSW GAZ.	05-05-2006	Folio : 2709	
TRANSFER OF CROWN ROAD TO COUNCIL			
Polygon Id(s): 173040955, 173040956, 173040966			
 NSW GAZ.	03-07-2015	Folio : 2042	
TRANSFER OF CROWN ROAD TO COUNCIL			
Polygon Id(s): 105033015, 105033016, 105202640, 105208434, 105225589, 105225590, 105259797, 105361269, 105435691, 105441465, 105543025, 105548706, 105554425, 105577172, 105582842, 105588476, 105599689, 105616839			
 EX-SUR 68/34 DP978236			
Polygon Id(s): 105033016, 105202640, 105208434, 105242711, 105248373, 105259797, 105435691, 105531663, 105543025, 105565704, 105571440, 105599689, 105616839, 107124992, 107124999, 107125002, 107125003, 107125005, 107125006, 107125014, 107125017			
 NSW GAZ.	11-06-2021		
CLOSED ROAD ACQUIRED FOR COUNCIL PURPOSES AFFECTING THE LAND SHOWN IN THE DIAGRAM ACCOMPANYING THIS GAZETTE NOTIFICATION (N2021-1181)			

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Plan	Surv/Comp	Purpose
DP189	COMPILATION	UNRESEARCHED
DP2356	COMPILATION	UNRESEARCHED
DP5057	SURVEY	UNRESEARCHED
DP5674	SURVEY	UNRESEARCHED
DP5733	SURVEY	UNRESEARCHED
DP6633	SURVEY	UNRESEARCHED
DP11794	SURVEY	UNRESEARCHED
DP12210	SURVEY	UNRESEARCHED
DP18200	SURVEY	UNRESEARCHED
DP20481	SURVEY	UNRESEARCHED
DP20489	SURVEY	UNRESEARCHED
DP21802	SURVEY	UNRESEARCHED
DP24811	SURVEY	UNRESEARCHED
DP25168	SURVEY	UNRESEARCHED
DP25555	SURVEY	UNRESEARCHED
DP26205	SURVEY	UNRESEARCHED
DP29514	SURVEY	UNRESEARCHED
DP29734	SURVEY	UNRESEARCHED
DP31219	SURVEY	UNRESEARCHED
DP44204	COMPILATION	CROWN FOLIO CREATION
DP100893	SURVEY	UNRESEARCHED
DP101892	SURVEY	UNRESEARCHED
DP214117	SURVEY	SUBDIVISION
DP219693	SURVEY	SUBDIVISION
DP219813	SURVEY	SUBDIVISION
DP232936	SURVEY	SUBDIVISION
DP232937	SURVEY	SUBDIVISION
DP236551	SURVEY	SUBDIVISION
DP236557	SURVEY	SUBDIVISION
DP237949	SURVEY	SUBDIVISION
DP239079	SURVEY	SUBDIVISION
DP240741	SURVEY	SUBDIVISION
DP253250	SURVEY	SUBDIVISION
DP257195	SURVEY	CROWN FOLIO CREATION
DP263313	SURVEY	SUBDIVISION
DP263386	SURVEY	SUBDIVISION
DP285286	SURVEY	NEIGHBOURHOOD PLAN
DP301063	SURVEY	UNRESEARCHED
DP308731	SURVEY	UNRESEARCHED
DP308749	SURVEY	UNRESEARCHED
DP321998	SURVEY	UNRESEARCHED
DP321999	SURVEY	UNRESEARCHED
DP322000	SURVEY	UNRESEARCHED
DP322001	SURVEY	UNRESEARCHED
DP331064	SURVEY	UNRESEARCHED
DP337477	SURVEY	UNRESEARCHED
DP338466	SURVEY	UNRESEARCHED
DP338731	SURVEY	UNRESEARCHED
DP339193	SURVEY	UNRESEARCHED
DP339836	COMPILATION	UNRESEARCHED
DP355838	SURVEY	UNRESEARCHED
DP362211	SURVEY	UNRESEARCHED
DP367939	SURVEY	UNRESEARCHED
DP369706	SURVEY	UNRESEARCHED
DP371028	SURVEY	UNRESEARCHED
DP371885	SURVEY	UNRESEARCHED
DP371899	SURVEY	UNRESEARCHED
DP373601	SURVEY	UNRESEARCHED
DP375099	SURVEY	UNRESEARCHED
DP377106	SURVEY	UNRESEARCHED
DP377551	SURVEY	UNRESEARCHED
DP378438	SURVEY	UNRESEARCHED
DP381712	SURVEY	UNRESEARCHED
DP385488	SURVEY	UNRESEARCHED
DP391201	SURVEY	UNRESEARCHED

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Plan	Surv/Comp	Purpose
DP392344	SURVEY	UNRESEARCHED
DP397253	COMPILATION	UNRESEARCHED
DP398004	SURVEY	UNRESEARCHED
DP401533	SURVEY	UNRESEARCHED
DP402646	SURVEY	UNRESEARCHED
DP405009	SURVEY	UNRESEARCHED
DP411207	SURVEY	UNRESEARCHED
DP411525	SURVEY	UNRESEARCHED
DP414261	COMPILATION	UNRESEARCHED
DP414920	SURVEY	UNRESEARCHED
DP500251	SURVEY	SUBDIVISION
DP500255	SURVEY	SUBDIVISION
DP502813	SURVEY	SUBDIVISION
DP505056	COMPILATION	SUBDIVISION
DP509962	SURVEY	SUBDIVISION
DP513991	SURVEY	SUBDIVISION
DP514596	SURVEY	SUBDIVISION
DP515933	SURVEY	SUBDIVISION
DP524071	COMPILATION	SUBDIVISION
DP529855	SURVEY	SUBDIVISION
DP577771	SURVEY	SUBDIVISION
DP599841	COMPILATION	SUBDIVISION
DP602489	SURVEY	SUBDIVISION
DP602802	SURVEY	SUBDIVISION
DP603480	COMPILATION	SUBDIVISION
DP619592	SURVEY	SUBDIVISION
DP621717	SURVEY	SUBDIVISION
DP624629	COMPILATION	CONSOLIDATION
DP625470	COMPILATION	CONSOLIDATION
DP626018	COMPILATION	CONSOLIDATION
DP663146	COMPILATION	DEPARTMENTAL
DP701079	SURVEY	SUBDIVISION
DP705077	COMPILATION	CROWN FOLIO CREATION
DP705079	SURVEY	CROWN FOLIO CREATION
DP711064	COMPILATION	CONSOLIDATION
DP712550	SURVEY	SUBDIVISION
DP753848	COMPILATION	CROWN ADMIN NO.
DP777067	COMPILATION	SUBDIVISION
DP777442	SURVEY	SUBDIVISION
DP787433	SURVEY	RESUMPTION OR ACQUISITION
DP787936	SURVEY	SUBDIVISION
DP794449	COMPILATION	SUBDIVISION
DP807724	SURVEY	SUBDIVISION
DP809261	SURVEY	SUBDIVISION
DP809828	SURVEY	SUBDIVISION
DP814457	SURVEY	SUBDIVISION
DP817048	SURVEY	SUBDIVISION
DP831763	SURVEY	SUBDIVISION
DP837819	SURVEY	SUBDIVISION
DP843333	SURVEY	SUBDIVISION
DP848978	SURVEY	SUBDIVISION
DP850962	SURVEY	SUBDIVISION
DP851503	SURVEY	SUBDIVISION
DP867509	SURVEY	CONSOLIDATION
DP879868	SURVEY	SUBDIVISION
DP884401	SURVEY	SUBDIVISION
DP940397	COMPILATION	UNRESEARCHED
DP940398	COMPILATION	UNRESEARCHED
DP1026894	SURVEY	SUBDIVISION
DP1031338	SURVEY	SUBDIVISION
DP1034696	SURVEY	SUBDIVISION
DP1035048	SURVEY	SUBDIVISION
DP1037408	SURVEY	SUBDIVISION
DP1059088	SURVEY	SUBDIVISION
DP1062507	SURVEY	SUBDIVISION
DP1065252	SURVEY	SUBDIVISION

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Plan	Surv/Comp	Purpose
DP1065791	SURVEY	SUBDIVISION
DP1067396	SURVEY	SUBDIVISION
DP1075815	SURVEY	SUBDIVISION
DP1081276	COMPILATION	DEPARTMENTAL
DP1081281	COMPILATION	DEPARTMENTAL
DP1081866	SURVEY	SUBDIVISION
DP1101001	COMPILATION	CONSOLIDATION
DP1114638	SURVEY	SUBDIVISION
DP1118938	SURVEY	ROADS ACT, 1993
DP1119787	COMPILATION	ROADS ACT, 1993
DP1123106	SURVEY	SUBDIVISION
DP1130126	SURVEY	SUBDIVISION
DP1138439	COMPILATION	CONSOLIDATION
DP1141098	SURVEY	SUBDIVISION
DP1141098	UNRESEARCHED	SUBDIVISION
DP1152231	SURVEY	SUBDIVISION
DP1152231	UNRESEARCHED	SUBDIVISION
DP1154905	SURVEY	SUBDIVISION
DP1158146	COMPILATION	CROWN LAND CONVERSION
DP1159323	COMPILATION	CROWN LAND CONVERSION
DP1159337	COMPILATION	CROWN LAND CONVERSION
DP1159338	COMPILATION	CROWN LAND CONVERSION
DP1168984	SURVEY	SUBDIVISION
DP1168984	UNRESEARCHED	SUBDIVISION
DP1173089	SURVEY	CONSOLIDATION
DP1176430	SURVEY	SUBDIVISION
DP1181268	SURVEY	RESUMPTION OR ACQUISITION
DP1185500	SURVEY	SUBDIVISION
DP1190692	COMPILATION	CONSOLIDATION
DP1199017	SURVEY	SUBDIVISION
DP1199449	SURVEY	CONSOLIDATION
DP1199449	UNRESEARCHED	CONSOLIDATION
DP1212334	SURVEY	SUBDIVISION
DP1219373	SURVEY	SUBDIVISION
DP1231114	SURVEY	REDEFINITION
DP1233761	SURVEY	REDEFINITION
DP1233761	UNRESEARCHED	REDEFINITION
DP1238493	SURVEY	SUBDIVISION
DP1238493	UNRESEARCHED	SUBDIVISION
DP1243825	SURVEY	SUBDIVISION
DP1275336	SURVEY	SUBDIVISION
SP18355	COMPILATION	STRATA PLAN
SP18437	COMPILATION	STRATA PLAN
SP18925	COMPILATION	STRATA PLAN
SP23160	COMPILATION	STRATA PLAN
SP30075	COMPILATION	STRATA PLAN
SP30550	COMPILATION	STRATA PLAN
SP30795	COMPILATION	STRATA PLAN
SP31716	COMPILATION	STRATA PLAN
SP32018	COMPILATION	STRATA PLAN
SP32752	COMPILATION	STRATA PLAN
SP34710	COMPILATION	STRATA PLAN
SP34965	COMPILATION	STRATA PLAN
SP37260	COMPILATION	STRATA PLAN
SP38671	COMPILATION	STRATA PLAN
SP39444	COMPILATION	STRATA PLAN
SP39533	COMPILATION	STRATA PLAN
SP39626	COMPILATION	STRATA PLAN
SP42622	COMPILATION	STRATA PLAN
SP46006	COMPILATION	STRATA PLAN
SP47818	COMPILATION	STRATA PLAN
SP48021	COMPILATION	STRATA PLAN
SP48479	COMPILATION	STRATA PLAN
SP52716	COMPILATION	STRATA PLAN
SP69014	COMPILATION	STRATA PLAN
SP71381	COMPILATION	STRATA PLAN

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Plan	Surv/Comp	Purpose
SP74886	COMPILATION	STRATA PLAN
SP79603	COMPILATION	STRATA PLAN
SP81449	COMPILATION	STRATA PLAN
SP83382	COMPILATION	STRATA PLAN
SP96078	COMPILATION	STRATA PLAN
SP96078	UNRESEARCHED	STRATA PLAN
SP98897	COMPILATION	STRATA PLAN
SP98897	UNRESEARCHED	STRATA PLAN

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PLAN OF CROWN LAND SHOWING FORMER ARTIFICIAL ID

420/7008//753848/95955

Shire/City TAMWORTH **REGIONAL**

Town/Locality NORTH TAMWORTH

Parish TAMWORTH

County INGLIS

Not to Scale

DP1076546

Registered  23.11.2004

Title System CROWN LAND

Purpose DEPARTMENTAL

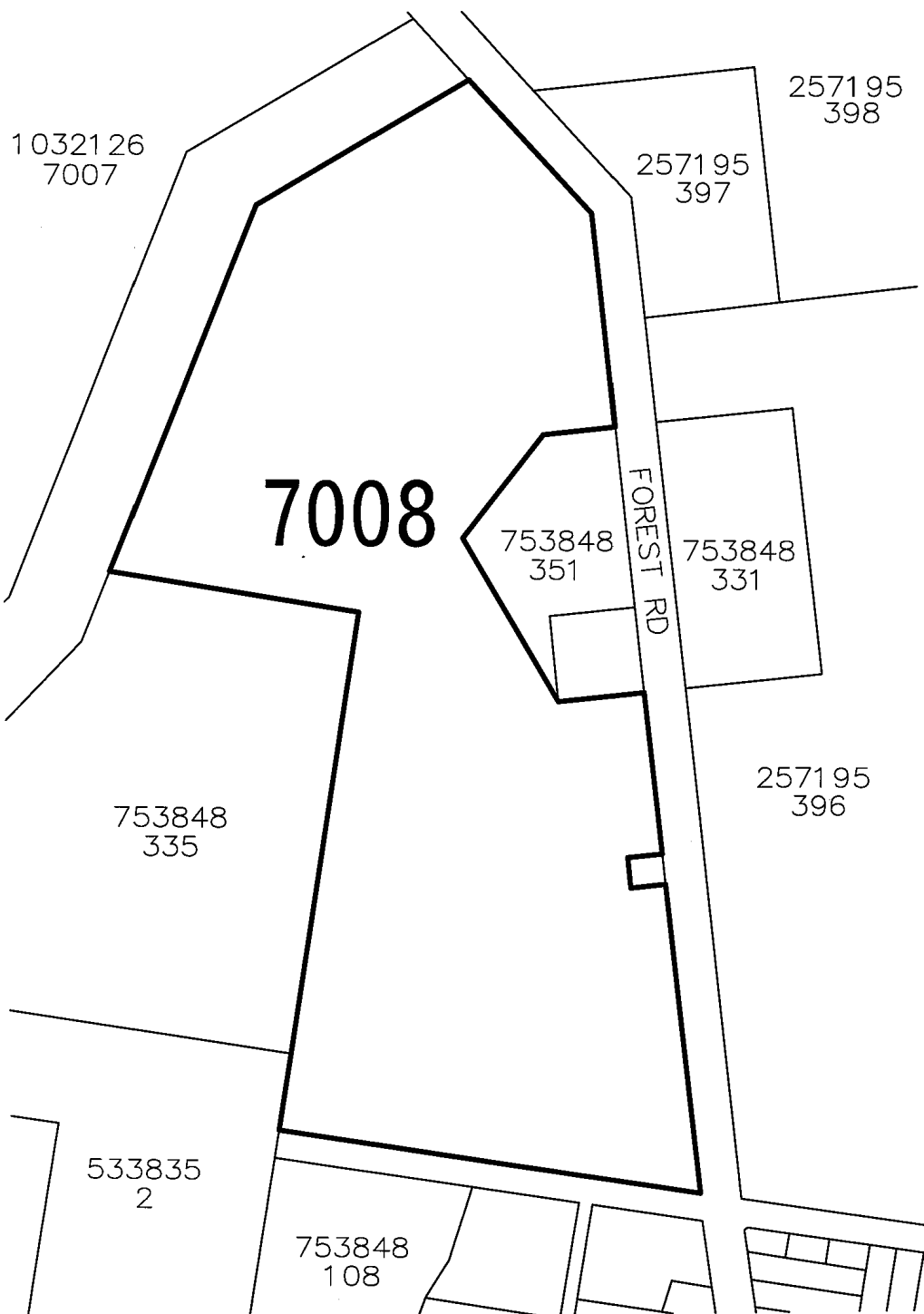
Reference Map T9160 - 7 & 74

DCDB Partition TAMW113N

Last Plan -

DIAGRAM FOR IDENTIFICATION PURPOSES ONLY ... NOT TO BE USED FOR FOLIO CREATION
THIS IS NOT A SUBDIVISION OF THE CROWN ESTATE. STATUS MAY NEED TO BE VERIFIED.
NOT INVESTIGATED IN LAND AND PROPERTY INFORMATION AS TO LOCATION OF BOUNDARIES

GN



DP1175412

DP753848
335

DP533835
2

DP753848
108

DP753848
109

DP1076546
7008

1
3473 m²

DP1118938
1

DP 1118938
2

DP1138439
70

DP809828
1
DP 1118938
3

MONTERAY
STREET



DP1175412

ePlan

Registered : 18.05.2012



Title System : CROWN LAND

Purpose : ROAD CLOSURE AND
FIRST TITLE CREATION

PLAN OF FIRST TITLE CREATION FOR
ROAD CLOSING UNDER THE ROADS ACT, 1993
Lengths are in metres. Reduction Ratio - NTS

Sheet of sheets

L.G.A : TAMMORTH REGIONAL

LOCALITY : NORTH TAMMORTH

PARISH : TAMMORTH

COUNTY : INGLIS

CROWN LANDS NSW APPROVAL

File : W500307

This plan is exempt from Subdivision
Certificate under Section 23G (b) of the
Conveyancing ACT, 1919

IT IS INTENDED TO CLOSE THE ROAD
SHOWN AS LOT 1

Full dimensions and/or area(s) may not be
available for all lots. Any division of the lands
herein may necessitate the lodgment of a
plan of survey.

CERTIFICATES, SIGNATURES AND SEALS

Sheet 1 of 1

PLAN OF FIRST TITLE CREATION AND ROAD CLOSING UNDER THE ROADS ACT, 1993

DP1175412

Registered:



18.05.2012

Surveying Regulation, 2001

I,
 of
 a surveyor registered under the *Surveying Act, 2002*, certify that the
 survey represented in this plan is accurate, has been made in
 accordance with the *Surveying Regulation, 2001* and was completed
 on:.....

The survey relates to

(specify the land actually surveyed or specify any land shown in the
 plan that is not the subject of the survey)

Signature Dated:
 Surveyor registered under the *Surveying Act, 2002*

Datum Line:
 Type: Urban/Rural

Crown Lands NSW/Western Lands Office Approval

I, Kerrie Brooks in approving this plan certify
 (Authorised Officer)

that all necessary approvals in regard to the allocation of the land
 shown herein have been given

Signature: *Kerrie Brooks*

Date: 9 May 2012

Application Number: W500307

File Number: 12/01945

Office: Tamworth

Subdivision Certificate

I certify that the provisions of s.109J of the Environmental Planning
 and Assessment Act 1979 have been satisfied in relation to:

the proposed set out herein
 (insert 'subdivision' or 'new road')

* Authorised Person/General Manager/Accredited Certifier

Consent Authority:

Date of Endorsement:

Accreditation no:

Subdivision Certificate no:

File no:

* Delete whichever is inapplicable.

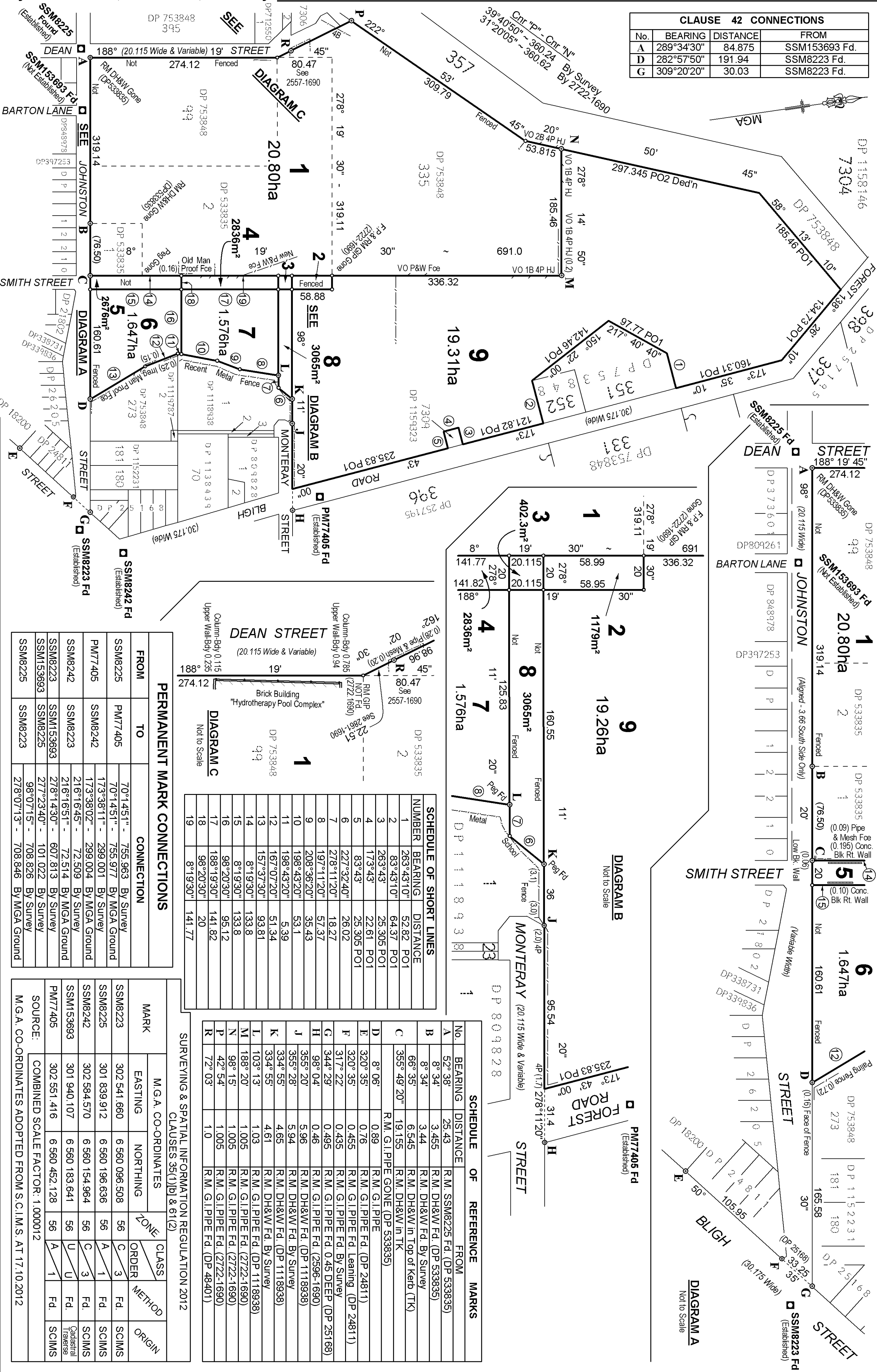
**SIGNATURES, SEALS and STATEMENTS of intention
to dedicate public roads or to create public reserves
and drainage reserves.**

Use PLAN FORM 6A for additional
certificates, signatures and seals

SURVEYOR'S REFERENCE:

* OFFICE USE ONLY

CLAUSE 42 CONNECTIONS			
No.	BEARING	DISTANCE	FROM
A	289°34'30"	84.875	SSM153693 Fd.
D	282°57'50"	191.94	SSM8223 Fd.
G	309°20'20"	30.03	SSM8223 Fd.



PERMANENT MARK CONNECTIONS	
FROM	TO
SSM8225	PM77405
SSM8225	SSM8223
SSM8223	SSM153693
SSM8223	SSM8225
SSM8225	SSM8223
SSM8225	SSM8223
SSM8223	SSM153693
SSM8223	SSM8225
SSM8225	SSM8223
SSM8225	SSM8223

MARK		M.G.A. CO-ORDINATES		CLASS	
EASTING	NORTHING	ORDER	METHOD	ORIGIN	
SSM8223	302 541.660	56	C	3	Fd.
SSM8225	301 839.912	56	A	1	Fd.
SSM8242	302 584.570	56	C	3	Fd.
SSM153693	301 940.107	56	U	1	Fd.
PM77405	302 551.416	56	A	1	Fd.
SOURCE: COMBINED SCALE FACTOR: 1.000012					
M.G.A. CO-ORDINATES ADOPTED FROM S.C.I.M.S. AT 17.10.2012					

SCHEDULE OF SHORT LINES		
NUMBER	BEARING	DISTANCE
1	263°43'10"	52.82 PO1
2	83°43'10"	64.37 PO1
3	263°43'	25.305 PO1
4	173°43'	22.61 PO1
5	83°43'	25.305 PO1
6	227°32'40"	26.02
7	278°11'20"	18.27
8	197°11'20"	57.37
9	208°36'20"	35.43
10	198°43'20"	53.1
11	198°43'20"	5.39
12	167°07'20"	51.34
13	157°37'30"	93.81
14	8°19'30"	133.8
15	8°19'30"	133.8
16	98°20'30"	95.12
17	188°19'30"	141.82
18	98°20'30"	20
19	8°19'30"	141.77

SCHEDULE OF REFERENCE MARKS		
No.	BEARING	DISTANCE
A	52° 38'	25.43
B	8° 34'	3.455
C	66° 35'	6.545
D	355° 49' 20"	19.155
E	320° 35'	0.76
F	317° 22'	0.435
G	344° 29'	0.495
H	98° 04'	0.46
I	355° 20'	5.96
J	355° 28'	5.94
K	334° 55'	4.65
L	103° 13'	1.03
M	188° 20'	1.005
N	98° 15'	1.005
P	42° 54'	1.005
R	72° 03'	1.0

PO1 = See DP1180579

PO2 = See 2722-1690 & 2724-1690

Cnr "L" - Cnr "D"

181°08'25" ~ 278.15 By Survey

172°46'05" ~ 277.95 By 2134-1690 & 2147-1690

DATUM LINE: SSM8225 - PM77405

DATE OF SURVEY: 20th November 2012

SURVEYOR: DARYL JAMES BATH

BATH STEWART ASSOCIATES PTY LTD

SURVEYORS REF: 12218V04

PLAN OF ACQUISITION OF LOTS 1 & 2 IN DP 533835, LOTS 99, & 335 IN DP 753848, PART OF LOTS 108 & 109 IN DP753848, PART OF LOT 1 IN DP 1175412, & PART OF LOT 7008 IN DP1076546

LGA: **TAMWORTH REGIONAL**

LOCALITY: **NORTH TAMWORTH**

SUBDIVISION NO: _____

LENGTHS ARE IN METRES

REDUCTION RATIO 1:3500

Registered:

15.1.2013

DP1181268


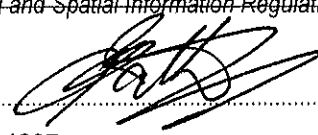
PLAN FORM 6 (2012)

WARNING: Creasing or folding will lead to rejection

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DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 1 of 2 Sheet(s)

<p>Registered:  15.1.2013</p> <p>Title System: TORRENS</p> <p>Purpose: ACQUISITION</p> <p>PLAN OF ACQUISITION OF LOTS 1 & 2 IN DP533835, LOTS 99 & 335 IN DP753848, PART OF LOTS 108 & 109 IN DP753848, PART LOT 1 IN DP1175412, & PART OF LOT 7008 IN DP1076546</p> <p>Crown Lands NSW/Western Lands Office Approval</p> <p>I, (Authorised Officer) in approving this plan certify that all necessary approvals in regard to the allocation of the land shown herein have been given.</p> <p>Signature:</p> <p>Date:</p> <p>File Number:</p> <p>Office:</p>	<p style="text-align: right;">Office Use Only</p> <p style="text-align: center; font-size: 2em; font-weight: bold;">DP1181268</p> <p>LGA: TAMWORTH REGIONAL</p> <p>Locality: North Tamworth</p> <p>Parish: Tamworth</p> <p>County: Inglis</p>																																			
<p style="text-align: center;">Subdivision Certificate</p> <p>I, *Authorised Person/*General Manager/*Accredited Certifier, certify that the provisions of s.109J of the <i>Environmental Planning and Assessment Act 1979</i> have been satisfied in relation to the proposed subdivision, new road or reserve set out herein.</p> <p>Signature:</p> <p>Accreditation number:</p> <p>Consent Authority: TAMWORTH REGIONAL COUNCIL</p> <p>Date of endorsement:</p> <p>Subdivision Certificate number:</p> <p>File number:</p> <p>*Strike through if inapplicable.</p>	<p style="text-align: center;">Survey Certificate</p> <p>I, DARYL JAMES BATH of BATH, STEWART ASSOCIATES Pty Ltd PO Box 403, Tamworth NSW 2340 (Tel: 02 6766-5966) a surveyor registered under the <i>Surveying and Spatial Information Act 2002</i>, certify that:</p> <p>*(a) The land shown in the plan was surveyed in accordance with the Surveying and Spatial Information Regulation 2012, is accurate and the survey was completed on</p> <p>*(b) The part of the land shown in the plan excluding part of Lot 9 was surveyed in accordance with the <i>Surveying and Spatial Information Regulation 2012</i>, is accurate and the survey was completed on, 20th November 2012. The part not surveyed was compiled in accordance with that Regulation.</p> <p>*(c) The land shown in this plan was compiled in accordance with the Surveying and Spatial Information Regulation 2012.</p> <p>Signature:  Dated: 22.11.2012 ...</p> <p>Surveyor ID: 1307</p> <p>Datum Line: SSM8225 – PM77405</p> <p>Type: Urban</p> <p>The terrain is *Level-Undulating / *Steep-Mountainous.</p> <p>*Strike through if inapplicable. ^Specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey.</p>																																			
<p>Statements of intention to dedicate public roads, public reserves and drainage reserves.</p> <p>IT IS INTENDED TO ACQUIRE LOTS 1 TO 5, INCLUSIVE, FOR THE PURPOSES OF THE HEALTH ADMINISTRATION ACT 1982, AS REFERRED TO BY NOTICE IN THE NSW GOVERNMENT GAZETTE No. 130 FOLIO 5244 DATED 21.12.2012.</p>	<p>Plans used in the preparation of survey/compilation.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>DP12210</td> <td>DP533835</td> <td>DP1152231</td> <td>2861-1690</td> <td>46-1393</td> </tr> <tr> <td>DP21802</td> <td>DP602489</td> <td>DP1175412</td> <td>2134-1690</td> <td></td> </tr> <tr> <td>DP24811</td> <td>DP712550</td> <td>DP1180579</td> <td>2722-1690</td> <td></td> </tr> <tr> <td>DP25168</td> <td>DP809828</td> <td>1793-1690</td> <td>2724-1690</td> <td></td> </tr> <tr> <td>DP26205</td> <td>DP1076546</td> <td>2147-1690</td> <td>2596-1690</td> <td></td> </tr> <tr> <td>DP48401</td> <td>DP1099608</td> <td>2149-1690</td> <td>2796-1690</td> <td></td> </tr> <tr> <td>DP257195</td> <td>DP1118938</td> <td>2557-1690</td> <td>43-1393</td> <td></td> </tr> </table> <p style="text-align: center;">If space is insufficient continue on PLAN FORM 6A</p>	DP12210	DP533835	DP1152231	2861-1690	46-1393	DP21802	DP602489	DP1175412	2134-1690		DP24811	DP712550	DP1180579	2722-1690		DP25168	DP809828	1793-1690	2724-1690		DP26205	DP1076546	2147-1690	2596-1690		DP48401	DP1099608	2149-1690	2796-1690		DP257195	DP1118938	2557-1690	43-1393	
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DP48401	DP1099608	2149-1690	2796-1690																																	
DP257195	DP1118938	2557-1690	43-1393																																	
<p>Signatures, Seals and Section 88B Statements should appear on PLAN FORM 6A</p>	<p>Surveyor's Reference: 12218V04</p>																																			

PLAN FORM 6A (2012)

WARNING: Creasing or folding will lead to rejection

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DEPOSITED PLAN ADMINISTRATION SHEET

Sheet 2 of 2 Sheet(s)

Registered:



15.1.2013

Office Use Only

Office Use Only

**PLAN OF ACQUISITION OF LOTS 1 & 2 IN
DP533835, LOTS 99 & 335 IN DP753848, PART
OF LOTS 108 & 109 IN DP753848, PART LOT 1
IN DP1175412, & PART OF LOT 7008 IN
DP1076546**

Subdivision Certificate number:

Date of Endorsement:

DP1181268

This sheet is for the provision of the following information as required:

- A schedule of lots and addresses - See 60(c) *SSI Regulation 2012*
- Statements of intention to create and release affecting interests in accordance with section 88B *Conveyancing Act 1919*
- Signatures and seals- see 195D *Conveyancing Act 1919*
- Any information which cannot fit in the appropriate panel of sheet 1 of the administration sheets.

Lot	Street Number	Street Name	Street Type	Locality
1	NA		Street	North Tamworth
2	NA	Johnston	Street	North Tamworth
3	NA	NA	NA	North Tamworth
4	NA	NA	NA	North Tamworth
5	NA	Johnston	Street	North Tamworth
6	NA	Johnston	Street	North Tamworth
7	NA	NA	NA	North Tamworth
8	NA	NA	NA	North Tamworth
9	NA	Forest	Road	North Tamworth

If space is insufficient use additional annexure sheet

Surveyor's Reference: 12218V04



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

22/10/2021 11:30AM

FOLIO: 2/1181268

First Title(s): 7008/1076546

Prior Title(s): 7008/1076546

Recorded	Number	Type of Instrument	C.T. Issue
15/1/2013	DP1181268	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
24/6/2013	AH827491	DEPARTMENTAL DEALING	FOLIO CREATED EDITION 1
19/7/2018	AN471831	APPLICATION FOR RECORDING OF ACTION AFFECTING CROWN HOLDING	
4/8/2020	AQ294846	DEPARTMENTAL DEALING	

*** END OF SEARCH ***

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PRINTED ON 22/10/2021



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

22/10/2021 11:30AM

FOLIO: 3/1181268

First Title(s): 1/1175412

Prior Title(s): 1/1175412

Recorded	Number	Type of Instrument	C.T. Issue
15/1/2013	DP1181268	DEPOSITED PLAN	LOT RECORDED FOLIO NOT CREATED
24/6/2013	AH827623	DEPARTMENTAL DEALING	FOLIO CREATED EDITION 1

*** END OF SEARCH ***

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PRINTED ON 22/10/2021



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 2/1181268

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
22/10/2021	11:30 AM	1	24/6/2013

LAND

LOT 2 IN DEPOSITED PLAN 1181268
AT NORTH TAMWORTH
LOCAL GOVERNMENT AREA TAMWORTH REGIONAL
PARISH OF TAMWORTH COUNTY OF INGLIS
TITLE DIAGRAM DP1181268

FIRST SCHEDULE

HEALTH ADMINISTRATION CORPORATION

SECOND SCHEDULE (0 NOTIFICATIONS)

NIL

NOTATIONS

NOTE: THIS FOLIO MAY BE ASSOCIATED WITH A CROWN TENURE WHICH IS
SUBJECT TO PAYMENT OF AN ANNUAL RENT. FOR FURTHER DETAILS CONTACT
CROWN LANDS.

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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PRINTED ON 22/10/2021



NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 3/1181268

SEARCH DATE	TIME	EDITION NO	DATE
-----	----	-----	----
22/10/2021	11:30 AM	1	24/6/2013

LAND

LOT 3 IN DEPOSITED PLAN 1181268
AT NORTH TAMWORTH
LOCAL GOVERNMENT AREA TAMWORTH REGIONAL
PARISH OF TAMWORTH COUNTY OF INGLIS
TITLE DIAGRAM DP1181268

FIRST SCHEDULE

HEALTH ADMINISTRATION CORPORATION

SECOND SCHEDULE (1 NOTIFICATION)

1 DP1175412 LAND EXCLUDES MINERALS (S.171 CROWN LANDS ACT 1989)

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***

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PRINTED ON 22/10/2021



Appendix C

Letter from Dr David Tully CEnvP SC

Contaminated Land Solutions

23 February 2023

Ref: CLS0177.L06

Regional Geotechnical Solutions Pty Ltd
Unit 4
25-27 Hurley Drive
Coffs Harbour
NSW 2450

For the attention of Louis Davidson

Dear Louis,

RE: Report Review Stage 1 & Stage 2 Site Contamination Assessment – Lot 2 & 3 DP11811268, Tamworth Hospital

I, Dr David Tully of Contaminated Land Solutions Pty Ltd, am a Certified Environmental Practitioner Site Contamination Specialist (General Certified Environmental Practitioner certification no. 1138 and Site Contamination Specialist certification no. SC40084).

I confirm I have reviewed the Regional Geotechnical Solutions report entitled "Stage 1 & Stage 2 Site Contamination Assessment – Lot 2 & 3 DP11811268, Tamworth Hospital" (Ref: RGS32576.1-AK Rev.2), dated 21 February 2023 and a copy of which I have retained.

I can confirm that on the basis of the information contained within the report, I support the conclusions and recommendations provided therein.

Should the client, regulator or local authority have any queries regarding the report review, I can be contacted by e-mail via david.tully@contaminatedlandsolutions.com.au. Specific queries regarding the content of the report should be addressed to Louis Davidson at Regional Geotechnical Solutions.

For and on behalf of

Contaminated Land Solutions Pty Ltd

Dr David Tully CEnvP SC
Director

Contaminated Land Solutions Pty Ltd



Contaminated Land Solutions Pty Ltd
10 Heath Road
Crafrers West SA 5152
0410 012 292

david.tully@contaminatedlandsolutions.com.au