

Attachment 7 to Item 10.1.1.

Preliminary Site Investigation Report

Date of meeting: 10 December 2024

Location: Council Chambers

Time: 6:30pm



Preliminary Site Investigation

Redbank Communities - North Richmond

PREPARED FOR

Redbank Communities

DATE 12/07/2024

REFERENCE 0484202



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SIGNATURE PAGE

Preliminary Site Investigation

Redbank Communities - North Richmond 0484202



Tiffany Mabbott Senior Consultant



Russell Jarman Principal Consultant



Ashton Hincksman

Partner

Environmental Resources Management Australia Pty Ltd Level 14, 207 Kent Street Sydney NSW 2000

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CLIENT: Redbank Communities
PROJECT NO: 0484202 DATE: 12/07/2024

VERSION: 01

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ACRONYMS AND ABBREVIATIONS

Acronyms	Description
ACM	asbestos containing materials
AOI	Areas of Interest
AHD	Australian Height Datum
BTEX	Benzene, Toluene, Ethylbenzene, Xylene
CLM Act	Contaminated Land Management Act 1997
CoPCs	contaminants of potential concern
CSM	Conceptual site model
DSI	Detailed site investigation
EPA	Environmental protection authority
EPL	environmental protection licenses
ERM	Environmental Resources Management Australia Pty
OCPs	organochlorine pesticides
OPPs	organophosphorus pesticides
PAHs	Polycyclic aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PFAS	Per- and poly- fluoroalkyl substances
POEO Act	Protection of the Environment Operations Act 1997
SAQP	Sampling and Analysis Quality Plan
SVOCs	Semi-Volatile Organic Compounds
TRH	Total recoverable hydrocarbons
VOCs	Volatile Organic Compounds

EXECUTIVE SUMMARY

Environmental Resources Management Australia Pty Ltd (ERM) was engaged by Redbank Communities to undertake a preliminary site investigation (PSI) at 322 Grose Vale Road, North Richmond NSW 2754, also known as the Redbank Expansion Area (Kemsley Park) (referred to as the Site).

ERM understands that Redbank Communities Pty Ltd require completion of this PSI for the proposed subdivision and residential redevelopment of the Site.

The objectives of this PSI were to provide a current understanding of potential site contamination as a result of current and historical land use practices undertaken within the Site, in the context of the Site's proposed future residential redevelopment.

Preliminary Site Investigation Key Findings:

The Site is currently a privately owned farmstead. The site appears to currently be used for grazing with no evidence of intensive horticulture. The Site is also used for the storage of multiple types of machinery, most of which did not appear functional, as well as associated work sheds within the northwestern portion. At the time of inspection only a single dwelling was noted to be occupied and an Underground Storage Tank (UST) with associated infrastructure was identified on-site.

Based on information reviewed as part of this PSI, ERM considers there is a potential of contamination at the Site associated with current and historical land use practices. The sources of potential contamination have been identified as potential Areas of Environmental Concern (AECs). The AECs identified for the Site include the following:

- AEC-1 UST
- AEC-2 Former Orcharding
- AEC-3 Farm dams
- AEC-4 Chicken coop / stable
- AEC-5 Storage of machinery and pesticides

Based on the results of this PSI it is the opinion of ERM that the proposed subdivision works for 322 Grose Vale Road, North Richmond has the potential for the intended land use consistent with NEPM (NEPC, 2013 Residential A – Residential with Garden / Accessible soils), pending a Detailed Site Investigation (DSI) to address the potential for soil contamination to be present within the identified AECs. This additional assessment will require project approval and demolition works prior to being completed.



PRELIMINARY SITE INVESTIGATION INTRODUCTION

INTRODUCTION 1.

ERM Services Pty Ltd (ERM) was engaged by Redbank Communities Pty Ltd (The client) to complete a Preliminary Site Investigation (PSI) for the Redbank Expansion Area (Kemsley Park), 322 Grose Vale Road, North Richmond NSW 2754 (Lot 260 DP 1237271). Refer to Figure 1 for site location.

ERM understands that Redbank require a PSI for to support the submission of a Gateway Planning Proposal to Hawkesbury City Council for re-zoning of the site for residential land-use.

1.1 **OBJECTIVES**

The objectives of this PSI were to provide a current understanding of potential site contamination as a result of current and historical land use practices undertaken within the Site, in the context of the Site's proposed future residential redevelopment.

1.2 SCOPE OF WORK

The scope of works required to complete the PSI are as follows:

- Review of background information related to the Site, including:
 - Information relating to geological, hydrogeological and environmental conditions within the Site and surrounding area;
 - Previous investigations relating to site contamination;
 - The NSW Environmental Protection Authority (EPA) contaminated land database;
 - Historical aerial photographs;
 - Groundwater bore information;
 - Relevant government databases;
 - Published soil, geology and topographic maps;
- A site inspection to ground truth information collected during the desktop assessment, assess current site conditions and site features; and
- Preparation of this PSI report.



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2. SITE IDENTIFICATION AND SETTING

2.1 SITE IDENTIFICATION

Table 2-1 below outlines the details of the site.

TABLE 2-1 SITE DETAILS

Item	Description
Site Address and Legal Description	The Site is located at 322 Grose Vale Road, North Richmond NSW 2754 and includes Lot 260 DP 1237271.
Current Zoning	The Site is zoned as RU4 Primary Production, small lot under Hawkesbury Local Environmental Plan 2012.
Site Location and Site Layout	The Site location and layout can be seen in Figure 2 in Appendix A.

2.2 SITE SETTING

Table 2-2 below provides summarized site setting information obtained during the preliminary investigation of the Site.

TABLE 2-2 SITE SETTING DETAILS

Item	Description
Site area	Approximately 35 ha
Current land use	The Site is currently a privately owned farmstead. The site appears to currently be used for grazing with no evidence of intensive horticulture. The Site is also used for the storage of multiple types of defunct cattle feeders. A former orchard, chicken coop and stables were identified behind the single dwelling at the site. Part of the site is used by the Redbank maintenance team as offices, amenities and storage including storage of pesticides and fuel power machinery (lawn mowers, chain saws etc). A underground storage tank (UST), associated bowser and fuel vent was identified in front of the original brick shed. Information from Redbank indicates the UST hasn't been used within a decade, is 13,000L capacity and used to store unleaded fuel.
Surrounding land use	North: Residential properties exist followed by Redbank Creek a tributary riverway which flows into the Hawkesbury River boarders the southern boundary of the Site. East: Low density residential dwellings. South: A new Redbank residential development area is in progress. West: Grose Vale road followed by a rural residential development.
Site elevation	The elevation of the Site ranges from approximately 82m - 43m Australian Height Datum (AHD) with the peak elevation in the centre of the site.
Topography	The Site generally slopes from the centre of the site to the north and south. Regional topography is comprised of generally rolling / undulating hills with a general slope to the south.
Hydrology	During the site walkover three farm dams were identified, likely used historically for agriculture (cattle) purposes, the dams are in good condition but appear to be overgrown. The Redbank Creek exists 150m north of the site and flows into the Hawksbury River approximately 2km west of the Site.



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Item	Description
Geology, soils and acid sulphate soils	Site soils are dark, red and yellow Podzolic Soils, massive Earthy Clays and Prairie soils in the centre of the site. Soils in the north and south corners of the site consist of hard setting mottled texture soils, brown and yellow podzolic. Site geology consists of both Wianamatta Ashfield Shale and Triassic Hawkesbury Sandstone The Department of Infrastructure, Planning and Natural Resources (DIPNR) Salinity Potential in Western Sydney 2002 risk map classifies area around the Site as having a moderate salinity potential.
Hydrogeology	Three man made farm dams associated with the Yeobarnie Keyline System are located on the Site with the northern two dams flowing north towards Redbank Creek. The three dams were constructed between early 1950's to early 1960's. Hawkesbury River is located approximately 2km to the west of the Site. Water runoff during rainfall is expected to follow the observed man-made keyline drainage lines into the onsite water storage dams or into Redbank creek.



PRELIMINARY SITE INVESTIGATION SITE HISTORY

SITE HISTORY

3.1 HISTORICAL TITLES

Historical titles, provided in Appendix B, were reviewed to assess the potential for potentially contaminating historical land use within the Site. A detailed summary of the historic land use is provided in Table 3-1 below.

TABLE 3-1 HISTORIC TITLE SUMMARY

Date	Registered Proprietor and Occupation
1903 - 1947	Philip Charley – Grazier.
1947 - 1967	Percival Alfred Yeomans – Engineer.
1967 - 1971	Leonard Martin Peel – Company Director
1971 - 2007	Kemsley Pastoral Co. Pty Limited
2007 - 2020	BD NSW (MR) Project O007 Pty Ltd
2020 to date	MCPB Investments Pty Ltd

3.2 HISTORICAL IMAGERY

Historical aerial imagery, provided in Appendix C, were reviewed to assess the potential for contaminating historical land use within the Site and surrounding areas.

A detailed summary of the historic land use is provided in Table 3-2 below.

TABLE 3-2 HISTORIC IMAGERY SUMMARY

Year	Site	Surrounding area
1949	The area is sparsely vegetated with mature trees. An unpaved road can be seen running along the southwest boundary of the site.	A farm dam exists to the south of the site. Native vegetation sparsely exists across the surrounding area having likely been cleared for cattle grazing.
1955	A large farm dam has been constructed in the centre of the site. The remaining areas appear largely similar to the previous aerial photograph.	Additional clearing of native vegetation has occurred surrounding the site. A farm dam has been constructed to the west of the site.
1961	Two additional farm dams has been constructed. An unsealed road appears to have been constructed running through the centre of the site.	Farm dams have been constructed to the north and west of the site. Orcharding has begun to the north of the site and Redbank Creek.
1970	Some development of the centre of the site has begun, likely for the residential dwelling.	The 1970 aerial photograph is generally consistent with the 1961 aerial photograph.
1982	The residential dwelling has been constructed at the site.	The 1982 aerial photograph is generally consistent with the 1961 aerial photograph.



Year	Site	Surrounding area
1991	The 1991 aerial photograph is generally consistent with the 1982 aerial photograph.	The 1982 aerial photograph is generally consistent with the 1961 aerial photograph.
2002	The 2002 aerial photograph is generally consistent with the 1982 aerial photograph	The 2002 aerial photograph is generally consistent with the 1991 aerial photograph.
2006	The 2006 aerial photograph is generally consistent with the 1982 aerial photograph	The 2006 aerial photograph is generally consistent with the 1991 aerial photograph.
2011	The 2011 aerial photograph is generally consistent with the 1982 aerial photograph. A tin shed appears to have been constructed south of the on-site residential dwelling.	The 2011 aerial photograph is generally consistent with the 1991 aerial photograph.
2015	The 2015 aerial photograph is generally consistent with the 2011 aerial photograph.	Residential dwellings have been constructed to the west of the site.
2021	The 2021 aerial photograph is generally consistent with the 2015 aerial photograph	Low density residential development have begun to the north, east and south of the site.
2024	The 2024 aerial photograph is generally consistent with the 2021 aerial photograph.	Low density residential development continues to the north, east and south of the site.

3.3 SECTION 10.7 PLANNING CERTIFICATE

The Section 10.7 planning certificate presented in Appendix D, provided by council was reviewed with reference to potentially contaminating activities or restrictions placed on the property. A summary of the results of the section 10.7 is presented in Table 3-3 below.

TABLE 3-3 SECTION 10.7 PLANNING CERTIFICATE

Condition	Description
Is the land in a conservation area?	No
Is an item of environmental heritage located on the land?	No
Is the land affected by any environmental planning instrument, or proposed environmental planning instrument which makes provision for the acquisition of the land by the authority of the State?	No
Is the land affected by road widening or road re-alignment or any environmental planning instruments, or any resolution of Council?	No
Is the land affected by an adopted policy that restricts the development of the land because of the likelihood of: landslip, bushfire risk, tidal inundation, subsidence, acid sulfate soils, contamination, aircraft noise, salinity, coastal hazards, sea level rise, any other risk (other than flooding)	Yes – Acid Sulfate Soils
Is the land bush fire prone land?	No
Is the subject land within a mine subsidence district within the meaning of the Coal Mine Subsidence Compensation Act 2017?	No



Condition	Description
Is the land significantly contaminated land within the meaning of the CLMA 1997?	No
Is the land subject to a management order within the meaning of the CLMA 1997?	No
Is the land subject to an approved voluntary management proposal within the meaning of the CLMA 1997?	No
Is the land subject to an ongoing maintenance order within the meaning of the CLMA 1997?	No
Is the land subject to a site audit statement within the meaning of the CLMA 1997?	No

3.4 PUBLIC REGISTER REVIEW

3.4.1 LIST OF NSW CONTAMINATED SITES NOTIFIED TO THE NSW EPA

A search was conducted of the NSW EPA Contaminated Sites Record of Notices (under section 58 of the Contaminated Land Management Act 1997 (CLM Act)) and the list of contaminated sites notified to the NSW EPA (under section 60 of the CLM Act) was completed around a 1km buffer of the Site. No sites within 1km of the site were registered with the NSW EPA as either being regulated or notified.

3.4.2 NSW EPA LICENCED ACTIVITES UNDER THE POEO ACT 1997

A search of the NSW EPA Protection of the Environment Operations Act 1997 (POEO Act) public register (under section 308 of the POEO Act 1997) was completed around a 1km buffer of the Site. Whilst no current environmental protection licenses (EPLs) were identified, three former licensed activities were identified at the site, relating to non-scheduled use of herbicides. The licenced activities are summarized in Table 3-4 with no on-going monitoring requirements or legacy contamination issues identified.

TABLE 3-4 LICENCED ACTIVITIES UNDER THE POEO ACT 1997

EPL	Organization	Address	Activity	Distance	Direction	Surrender Date
4653	Luhrmann Environment Management Pty Ltd	Waterways throughout NSW	Other / Non Scheduled Activity – Application of Herbicides	0m	On-site	16/01/2015
4838	Robert Orchard	Warious Waterways throughout New South Wales – Sydney NSW 2000	Other / Non Scheduled Activity – Application of Herbicides	0m	On-site	29/06/2012
6630	Sydney Weed & Pest Management Pty Ltd	Waterways throughout NSW - Prospect NSW, 2148	Other / Non Scheduled Activity – Application of Herbicides	0m	On-site	01/09/2012



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PRELIMINARY SITE INVESTIGATION SITE INSPECTION

SITE INSPECTION

A site inspection was conducted on the 23rd of April to ground truth the information gathered during the desktop assessment. Additionally, the site inspection was completed to identify any potential sources of contamination on the Site which would not be within any databases or historical imagery. An internal inspection of the on-site dwelling and associated brick shed / garage was not completed due to access constraints. Whilst, an inspection of the slab condition and below soils is expected to be completed at the demolition stage, the current slab condition and potential for uncontrolled fill below these structures is not known.

The Site layout and Features are presented in Section 4.1, additionally photographs taken during the site inspection have been provided in Appendix C.

Observations and information obtained during the site inspection have been summarised in the below sections.

4.1 SITE LAYOUT

The site is accessed from Grose Vale Road and a sealed private road from Contour Way. The private road runs directly through the site in a generally east-west direction.

The Site has large valleys on the northern and southern portions of the site which are vegetated with tall grasses and mature trees. Three dams have been constructed on-site associated with Yobarnie Keyline Farm as part the experimental dam design by P.A Yeomans

The site currently used for cattle grazing and site office / storage facility for Redbank workers on surrounding developments.

A dwelling exists on-site that is still in-use by the caretaker. A disused greenhouse / orchard, chicken coop and stables were located to adjacent to the brick shed / garage. An underground storage tank (UST) with a fill/dip point, fuel dispenser and fuel vent was identified in front of the brick shed / garage.

A tin shed was also identified adjacent to the brick shed / garage and stored diesel / unleaded powered equipment and vehicles. Storage of chemicals used for landscaping (i.e. pesticides) was also identified.

Possible asbestos containing material (ACM) was identified in the form of culverts and drainage infrastructure in all three dams on-site.

4.2 INTERVIEWS WITH KEY PERSONNEL

During the site inspection, Redbank caretakers / personnel were interviewed with regards to the site history. The following information was provided to ERM:

- The identified UST was installed in approximately the 80's;
- The identified UST was approximately 18,000L capacity and stored unleaded fuel;
- · The identified UST has been disused for over a decade and the condition is not known; and
- Three on-site dams to be retained on-site during the development and reconstructed to adhere to current dam construction guidelines.



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PRELIMINARY SITE INVESTIGATION CONCEPTUAL SITE MODEL

CONCEPTUAL SITE MODEL

Based on the site inspection and site history, the potential sources of contamination and associated contaminants of potential concern (CoPC) identified for the Site are summarised in Table 5-1 below. The conceptual site model has been developed in the context of the proposed redevelopment of the Site to a residential land use. The sources have been identified as potential Areas of Environmental Concern (AECs). The AECs identified for the Site include the following:

- AEC-1 UST
- AEC-2 Former Orcharding
- AEC-3 Farm dams
- AEC-4 Chicken coop / stable
- AEC-5 Storage of machinery and pesticides

TABLE 5-1 AREAS OF ENVIRONMENTAL CONCERN FOR THE SITE

Potential source	СоРС	Comment
AEC-1 - UST	TRH, BTEX, Heavy Metals	Potential leaks / spills may have occurred from the tank
AEC-2 – Former Orcharding	Heavy metals, TRH, BTEX; PAHs, organochlorine and organophosphorus pesticides (OCPs/OPPs), herbicides, polychlorinated biphenyls (PCBs).	Potential contaminants associated with orcharding i.e. use of pesticides or machinery for maintenance.
AEC-3 – Farm dams	Asbestos Biological wastes	 Historically asbestos containing pipes have been used for water infrastructure to support farming practices; Sediments and water to contain coliforms from run off
AEC-4 – Chicken coop / stables	Heavy metals, PAHs, organochlorine and organophosphorus pesticides (OCPs/OPPs), herbicides, pathogens (Coliforms).	Potential contaminants associated with housing farm animals for an unknown period of time
AEC-5 – Storage of machinery and pesticides	Heavy metals, TRH, BTEX; PAHs, organochlorine and organophosphorus pesticides (OCPs/OPPs), herbicides, polychlorinated biphenyls (PCBs).	 Activities relating to vehicle servicing may have been undertaken at the site Vehicles and vessels have been stored for a long period, possibility of oil leaks in the area Tractors stored long term. Storage of fuel, chemicals and machinery used for maintenance.

5.1.1 POTENTIAL PATHWAYS

The primary potential exposure pathways of concern at the Site are:

- Inhalation of vapour (from soil and/or groundwater) and contaminated dust (from soils)
- Dermal contact and / or incidental ingestion with contaminated surface water and soils / sediments.



PRELIMINARY SITE INVESTIGATION CONCEPTUAL SITE MODEL

5.1.2 POTENTIAL RECEPTORS

Key receptors of the Site are as follows:

- Future site users (residential)
- Future Site workers
- Fauna on site
- · Adjacent sensitive receptors e.g. adjacent residents and surface water bodies such as the on-site dams that flow into Redbank Creek and into the Hawkesbury River.



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PRELIMINARY SITE INVESTIGATION CONCEPTUAL SITE MODEL

5.2 CONCEPTUAL SITE MODEL

Table 5-2 below details the conceptual site model.

TABLE 5-2 CONCEPTUAL SITE MODEL

AEC ID	Pathways	Potential receptors	Risk	Comments
AEC-1 - UST	Inhalation of vapour (from soil) and contaminated dust (from soils).	Future Site workers Future residents	Moderate	Conditions of the UST and associated infrastructure are unknown
AEC-2 – Former Orcharding	Inhalation of vapour (from soil) and contaminated dust (from soils).	Future Site workersFuture residentsFauna on-site	Moderate	Potential for environmentally persistent chemicals and machinery to have been used for orcharding
AEC-3 – Farm dams	Inhalation / dermal contact (from removal of asbestos pipes and contact with surface water).	 Future Site workers Future residents Fauna Environmentally sensitive receptors 	Moderate	If asbestos pipes are on site this could pose an inhalation risk when removed / excavated.
AEC-4 – Chicken coop / stables	Inhalation / ingestions via dermal contact (from soil) and contaminated dust (from soils).	Future Site workers Future residents	Low	If soils within the chicken coop and stables are contaminated, this could pose an inhalation / ingestion risk when removed / excavated.
AEC-5 – Storage of machinery and pesticides	Inhalation of vapour (from soil) and contaminated dust (from soils).	Future Site workers Future residents	Low	Potential spills of chemicals and liquids associated with machinery, could pose a risk to future site workers and residents if potentially impacted soils remain on-site.



6. CONCLUSION AND RECOMMENDATIONS

ERM was engaged by Redbank Communities Pty Ltd to complete a Preliminary Site Investigation at the Site provide a current understanding of potential site contamination as a result of current and historical land use practices undertaken within the Site, in the context of the Site's proposed future residential redevelopment.

To meet the above objectives, ERM undertook a desktop review of public database records, historical aerial photographs, environmental site setting information, published soil, geology and topographic maps, and completed a site inspection.

Based on information reviewed as part of this due diligence assessment, ERM considers there is a potential risk to identified human health and sensitive ecological receptors due to potential contamination at the Site associated with current and historical land use practices.

Based on the scope of work completed, several potential sources of contamination were identified at the Site including:

- AEC-1 UST
- AEC-2 Former Orcharding
- AEC-3 Farm dams
- AEC-4 Chicken coop / stable
- AEC-5 Storage of machinery and pesticides

Based on the investigations to date, there is no evidence of widespread contamination that will render the site unsuitable for future residential land-use.

Based on the results of this PSI it is the opinion of ERM that the proposed subdivision works for 322 Grose Vale Road, North Richmond has the potential for the intended land use consistent with NEPM (NEPC, 2013 Residential A - Residential with Garden / Accessible soils), pending a Detailed Site Investigation (DSI) to address the potential for soil contamination to be present within the identified AECs. This additional assessment will require project approval and demolition works prior to being completed. While the specific requirements of the DSI will be detailed within the report, ERM considers that the investigation should be undertaken in consideration of the identified contaminants of potential concern (CoPCs) and include an assessment of soil.

- A combination of targeted and grid based sampling approach of soils to assess potential point sources of contamination
- The collection of background samples to ensure collected results are assessed in consideration of naturally occurring conditions.



CLIENT: Redbank Communities PROJECT NO: 0484202 DATE: 12/07/2024 PRELIMINARY SITE INVESTIGATION LIMITATIONS

LIMITATIONS

This report is based solely on the scope of work as described within this report dated 30
April 2024 and performed by ERM Services Australia Pty Ltd (ERM) for Redbank
Communities (the Client). The Scope of Work was governed by a contract between ERM
and the Client (Contract).

- 2. No limitation, qualification or caveat set out below is intended to derogate from the rights and obligations of ERM and the Client under the Contract.
- 3. The findings of this report are solely based on, and the information provided in this report is strictly limited to that required by, the Scope of Work. Except to the extent stated otherwise, in preparing this report ERM has not considered any question, nor provides any information, beyond that required by the Scope of Work.
- 4. This report was prepared in April-May 2024 based on information collected as part of this assessment, conditions encountered and documentation reviewed at the time of preparation. The report does not, and cannot, take into account changes in law, factual circumstances, applicable regulatory instruments or any other future matter. ERM does not, and will not, provide any on-going advice on the impact of any future matters unless it has agreed with the Client to amend the Scope of Work or has entered into a new engagement to provide a further report.
- 5. Unless this report expressly states to the contrary, ERM's Scope of Work was limited strictly to identifying typical environmental conditions associated with the subject site(s) and does not evaluate the condition of any structure on the subject site nor any other issues. Although normal standards of professional practice have been applied, the absence of any identified hazardous or toxic materials or any identified impacted soil or groundwater on the Site(s) should not be interpreted as a guarantee that such materials or impacts do not exist.
- 6. This report is based on one or more site inspections conducted by ERM personnel, the sampling and analyses described in the report, and information provided by the Client or third parties (including regulatory agencies). All conclusions and recommendations made in the report are the professional opinions of the ERM personnel involved. Whilst normal checking of data accuracy was undertaken, except to the extent expressly set out in this report ERM:
 - did not, nor was able to, make further enquiries to assess the reliability of the information or independently verify information provided by;
 - assumes no responsibility or liability for errors in data obtained from, the Client, any third parties or external sources (including regulatory agencies).
- Although the data that has been used in compiling this report is generally based on actual
 circumstances, if the report refers to hypothetical examples those examples may, or may
 not, represent actual existing circumstances.
- 8. Only the environmental conditions and or potential contaminants specifically referred to in this report have been considered. To the extent permitted by law and except as is specifically stated in this report, ERM makes no warranty or representation about:
 - the suitability of the Site(s) for any purpose or the permissibility of any use;
 - the presence, absence or otherwise of any environmental conditions or contaminants at the Site(s) or elsewhere; or



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LIMITATIONS PRELIMINARY SITE INVESTIGATION

- the presence, absence or otherwise of asbestos, asbestos containing materials or any hazardous materials on the Site(s).

- 9. Use of the Site for any purpose may require planning and other approvals and, in some cases, environmental regulator and accredited site auditor approvals. ERM offers no opinion as to the likelihood of obtaining any such approvals, or the conditions and obligations which such approvals may impose, which may include the requirement for additional environment works.
- 10. The ongoing use of the Site or use of the Site for a different purpose may require the management of or remediation of site conditions, such as contamination and other conditions, including but not limited to conditions referred to in this report.
- 11. This report should be read in full and no excerpts are to be taken as representative of the whole report. To ensure its contextual integrity, the report is not to be copied, distributed or referred to in part only. No responsibility or liability is accepted by ERM for use of any part of this report in any other context.
- 12. Except to the extent that ERM has agreed otherwise with the Client in the Scope of Work or the Contract, this report:
 - has been prepared and is intended only for the exclusive use of the Client;
 - must not to be relied upon or used by any other party;
 - has not been prepared nor is intended for the purpose of advertising, sales, promoting or endorsing any Client interests including raising investment capital, recommending investment decisions, or other publicity purposes;
 - does not purport to recommend or induce a decision to make (or not make) any purchase, disposal, investment, divestment, financial commitment or otherwise in or in relation to the Site(s); and
 - does not purport to provide, nor should be construed as, legal advice



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REFERENCES PRELIMINARY SITE INVESTIGATION

8. REFERENCES

Lotsearch Report (2024), 322 Grose Vale Road, North Richmond, NSW 2754, LS055351 EP and LS055352 EP, 22 April 2024 (LotSearch, 2024);

NSW EPA (2017), Guidelines for the NSW Site Auditor Scheme 3rd edition (NSW EPA, 2017);

NSW EPA (2020), Consultants reporting on contaminated land - Contaminated Land Guidelines (NSW EPA, 2020)

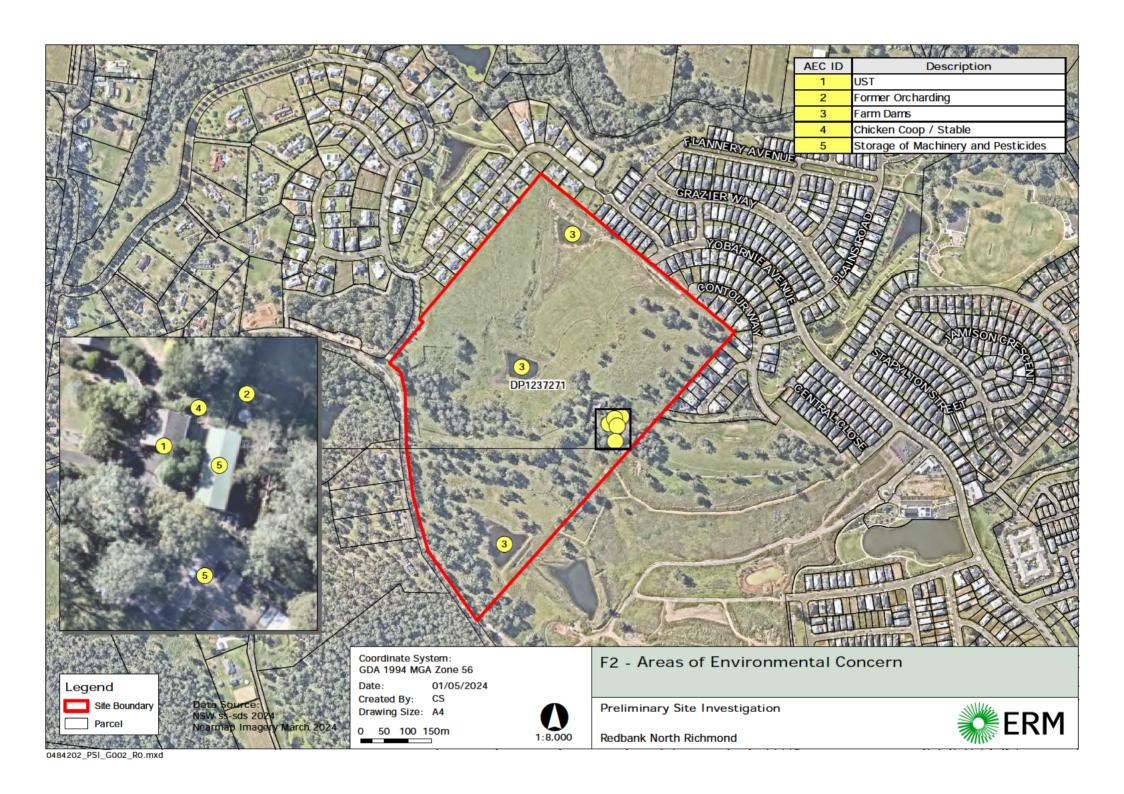


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APPENDIX A FIGURES







APPENDIX B CURRENT AND HISTORICAL LAND TITLES



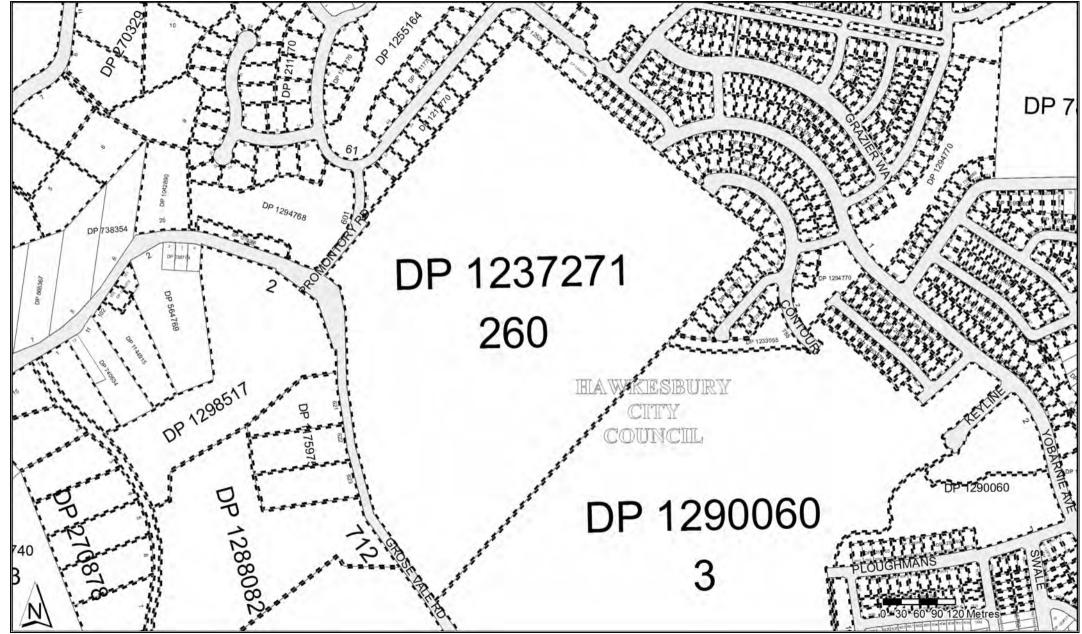
Cadastral Records Enquiry Report: Lot 260 DP 1237271

Locality: GROSE VALE

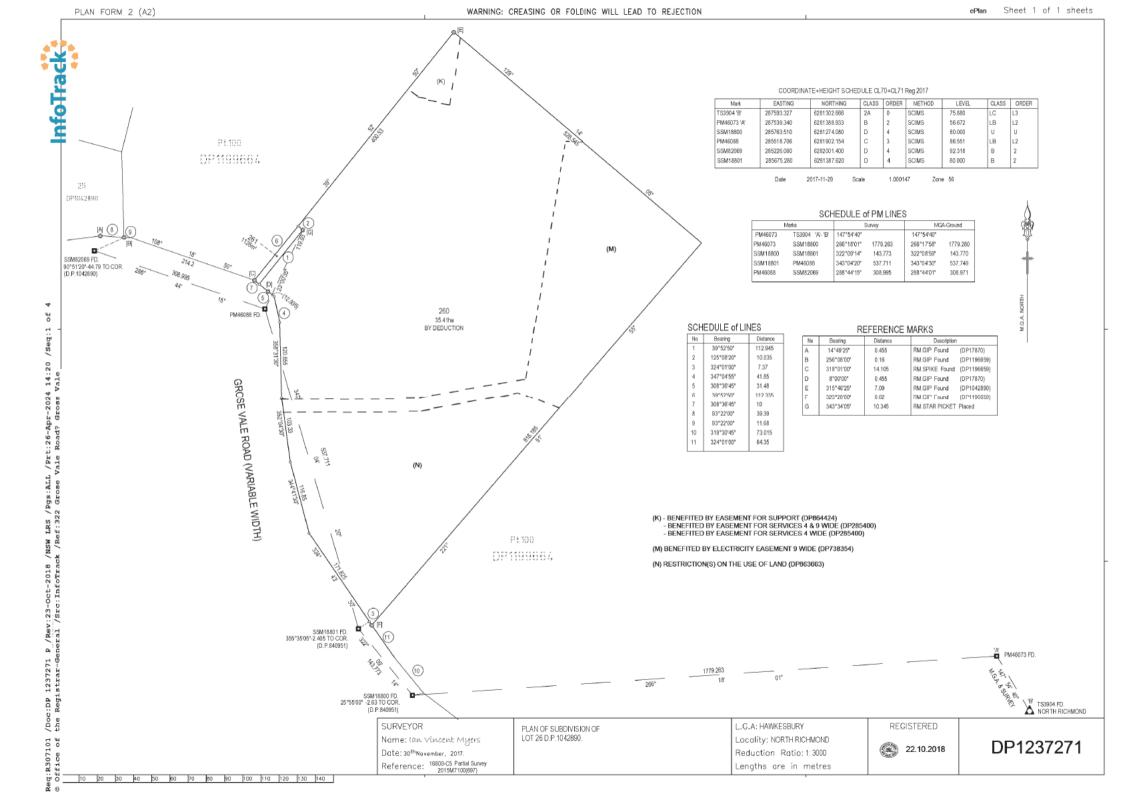
Parish: KURRAJONG

Ref: 322 Grose Vale Road, Gross Vale

LGA : HAWKESBURY County : COOK



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



Req:R307101 /Doc:DP 1237271 P /Rev:23-Oct-2018 /NSW LRS /Pgs:ALL /Prt:26-Apr-2024 14:20 /Seq:2 of 4 © Office of the Registrar-General /Src:InfoTrack /Ref:322 Grose Vale Road? Gross Vale ePlan

PLAN FORM 6 (2017)	DEPOSITED PLAN ADMINISTRATION SHEET		Sheet 1 of 13 sheet(s)
Office Use Only Registered: 22.10.2018 Title System: TORRENS		DP123	Office Use Only
PLAN OF SUBDIVISION OF LOT 26 D.P.1042890		LGA: HAWKESBURY Locality: GROSE VALE Parish: KURRAJONG County: COOK	
Survey Cell I, ian Vincent Myers of Vince Morgan Surveyors Pty. Ltd. a surveyor registered under the Surveyor, certify that: *(a) The land shown in the plan was surveying and Spatial Information and the survey was completed on *(b) The part of the land shown in the was surveyed in accordance with Information Regulation 2017, the survey was compiled in accordance was compiled in accordance with Information Regulation 2017, the surveyed was compiled in accordance with Information Regulation 2017, the surveying and Spatial Information I Datum Line: 'A' – 'B' PM45073 TO TS Type: *Urban/*Rural The terrain is *Level-Undulating / *Stell Signature: Surveyor Identification No: 1682 Surveyor registered under the Surveying and Spatial Information *Strike out inappropriate words. **Specify the land actually surveyed or spis not the subject of the survey. Plans used in the preparation of survey DP1042890 DP1199664 DP8409	ying and Spatial Information Act urveyed in accordance with the Regulation 2017, is accurate plan (*being/*excluding **Lot 260	Crown Lands NSW/Wester I, approving this plan certify that all ne allocation of the land shown herein it signature: Date: Subdivision Authorised Person/*General Manage the provisions of s. 109J of the Environment Assessment Act 1979 have been sa subdivision, new road or reserve set Signature: Accreditation number Consent Authority: Hawwisson Date of endorsement: Subdivision Certificate number: File number: *Strike through if inapplicable. Statements of intention to dedicate and drainage reserves, acquire/rest	(Authorised Officer) in recessary approvals in regard to the have been given. Certificate ger! Accredited Certifier, certify that commental Planning and stissified in relation to the proposed tout herein.
Surveyor's Reference: 16800-0	:5		8B Statements should appear on ORM 6A

PLAN FORM 6A (2017) DEPOSITED PLAN AD	DMINISTRATION SHEET Sheet 2 of 3 sheet(s)			
Registered: 22.10.2018 PLAN OF SUBDIVISION OF LOT 26 D.P.1042890	Office Use Only DP1237271			
Subdivision Certificate number: 18023 Date of Endorsement: 03/10/18	This sheet is for the provision of the following information as required: A schedule of lots and addresses · See 60(c) SSI Regulation 2017 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.			
Executed on behalf of the Corporation named below by the authorised persons whose signatures appear below pursuant to the authority specified. Corporation: Kemsley Pastoral Co. Pty Limited ACN 000 701 888 Authority: Section 127 Corporations Act 2001 Signature of authorised person: Signature of authorised person: Office held: Director / Secretary Office held: Director Signature of Witness: ANDREN. FURHERTY				
Name of Witness: 76 ARTHUR PHILLIP DRWE Address of Witness NORTH RICHMOND NSW 2754				
STREET ADDRESSES NOT AVAILABLE				
If space is insufficient use Surveyor's Reference: 16800-C5	additional annexure sheet			

PLAN FORM 6A (2017) DEPOSITED PLAN AI	OMINISTRATION SHEET Sheet 3 of 3 sheet(s)			
Office Use Only Registered: 22.10.2018 PLAN OF SUBDIVISION	Office Use Only DP1237271			
OF LOT 26 D.P.1042890				
Subdivision Certificate number: 18023 Date of Endorsement: 03/10/18	This sheet is for the provision of the following information as required: A schedule of lots and addresses - See 60(c) SSI Regulation 2017 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.			
Signed by Margaret Peel as Lessee under Lease AN258498T by her duly appointed Attorney/s under Power of Attorney Book 4601 No. 38 who states that he/she has received no notice of revocation of the Power of Attorney in the presence of Signature of Attorney (1)	Signature of witness (1)			
Name of Attorney (1)	ANDREW FLAHERTY Name of witness (1)			
	76 ARTHUR PHULP DRIVE Address of witness (1) NORTH RICHMOND NSW 2754			
J.E.B.Cowromt Signature of Attorney (2)	Signature of witness (2)			
Name of Attorney (2)	ANDREW FLAHERTY Name of witness (2)			
	76 ARTHUR PHILLIP DRIVE Address of witness (2) NORTH RICHMOND NSW 2754			
If space is insufficient use additional annexure sheet				
Surveyor's Reference: 16800-C5				



C423621 (3 sheets) 31.3.36

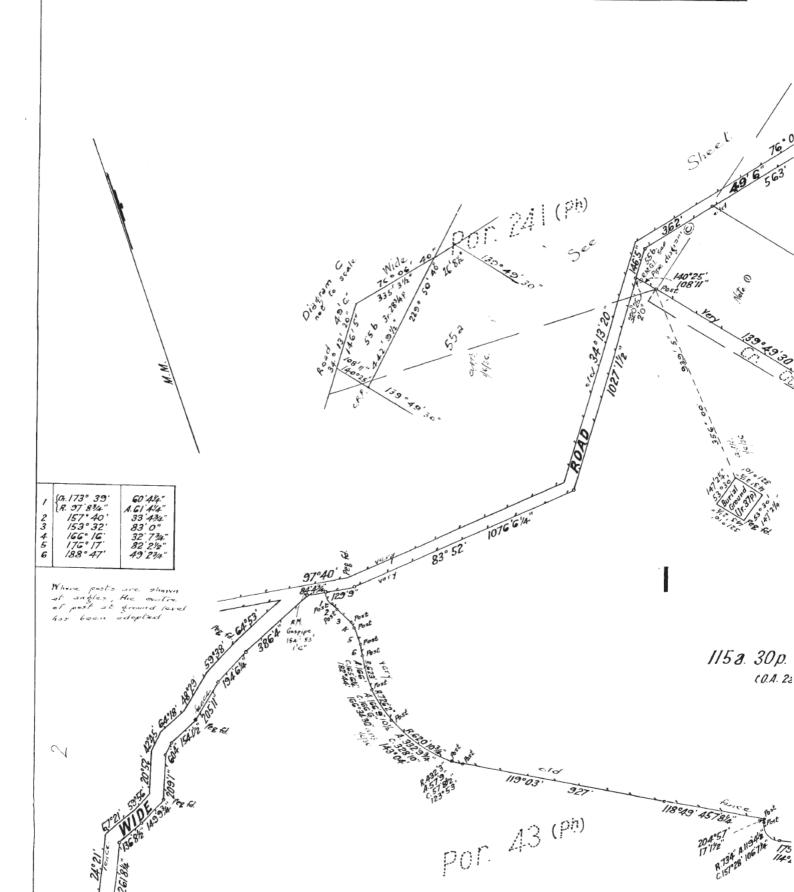
PLAN

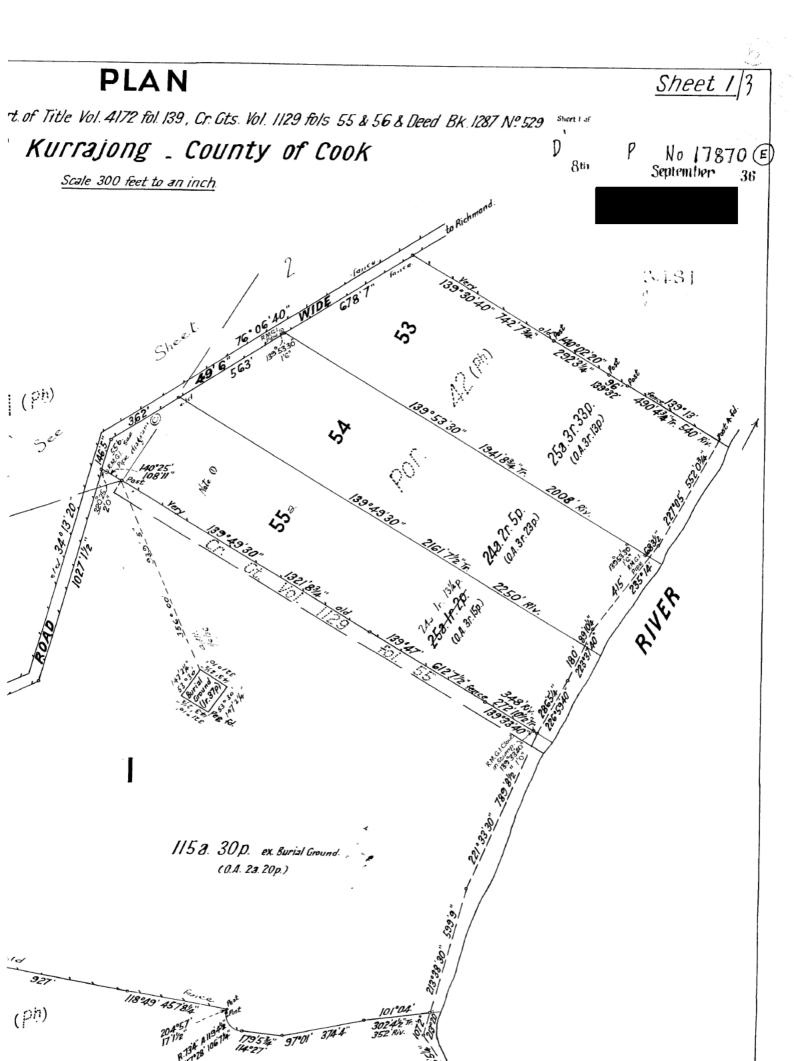
of subdivision of the land in Cert. of Title Vol. 4172 fol. 139, Cr. Gts. Vol.

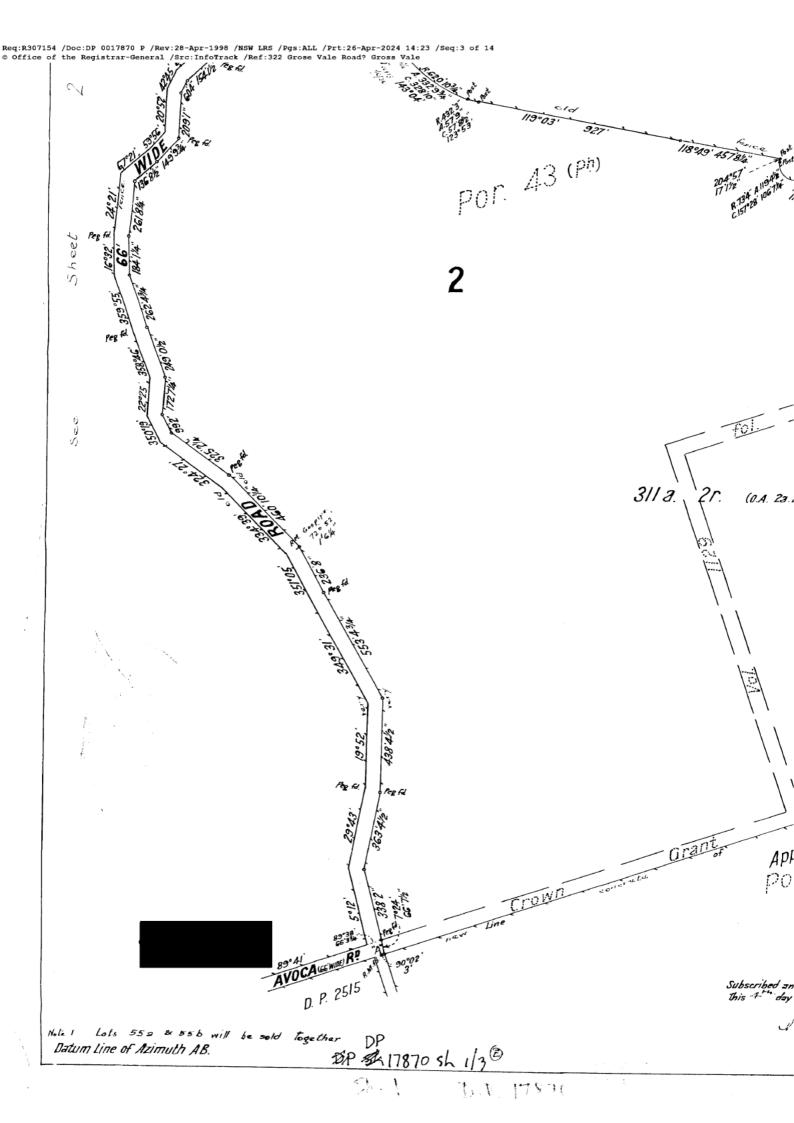
DP 17870 sh 1/3 E

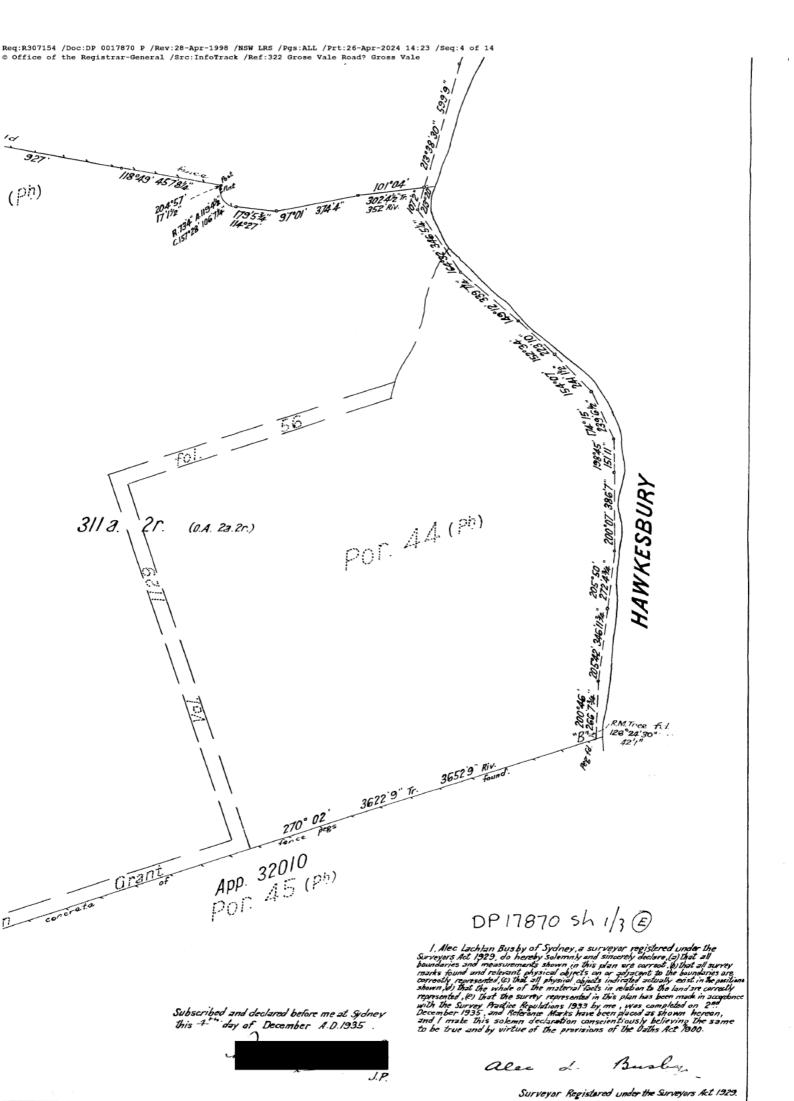
Parish of Kurrajong . County

Scale 300 feet to an inch.





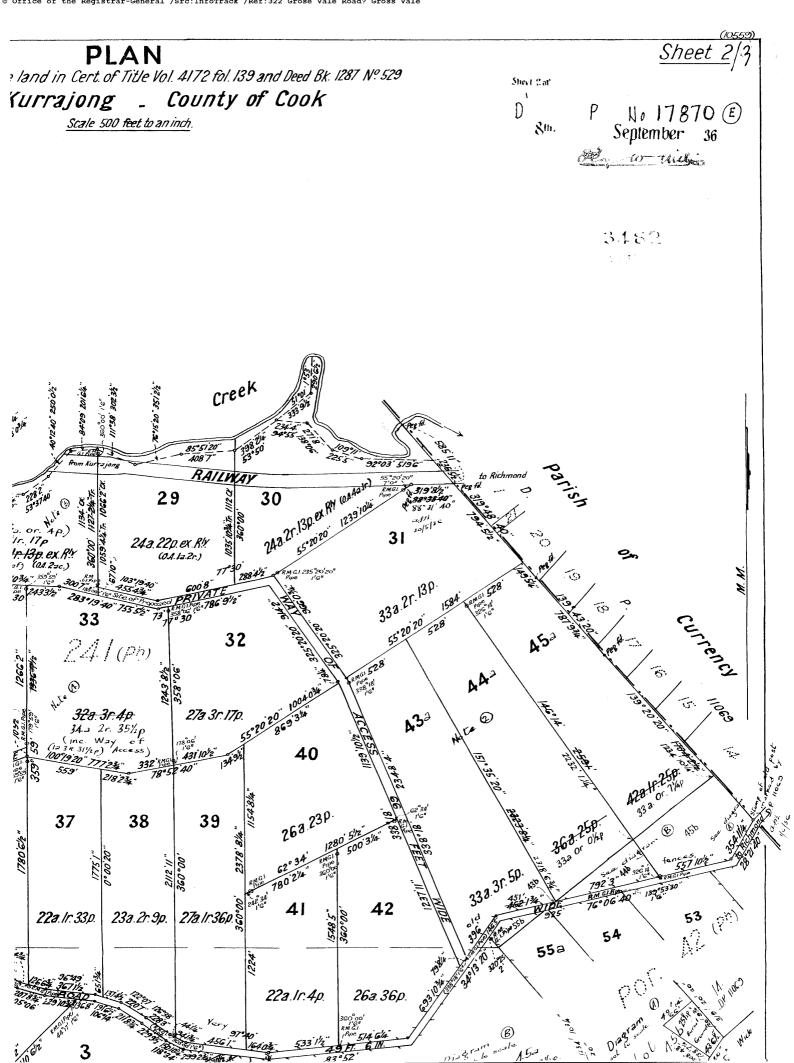


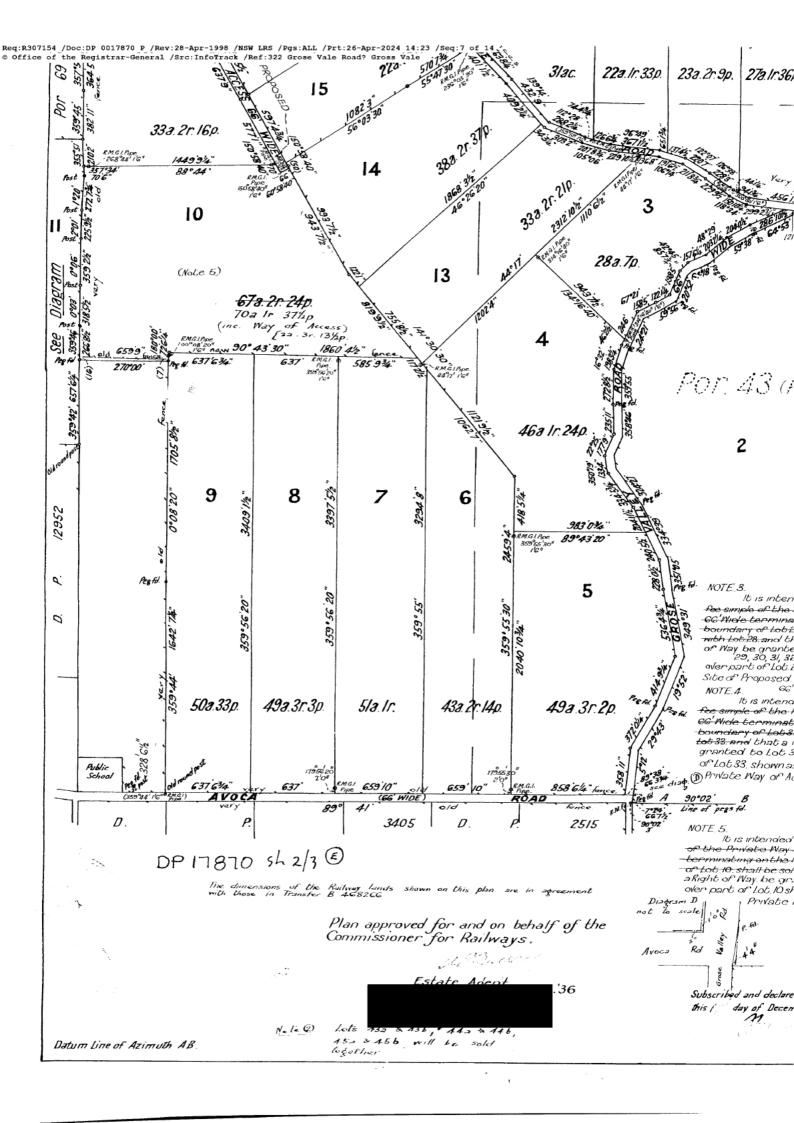


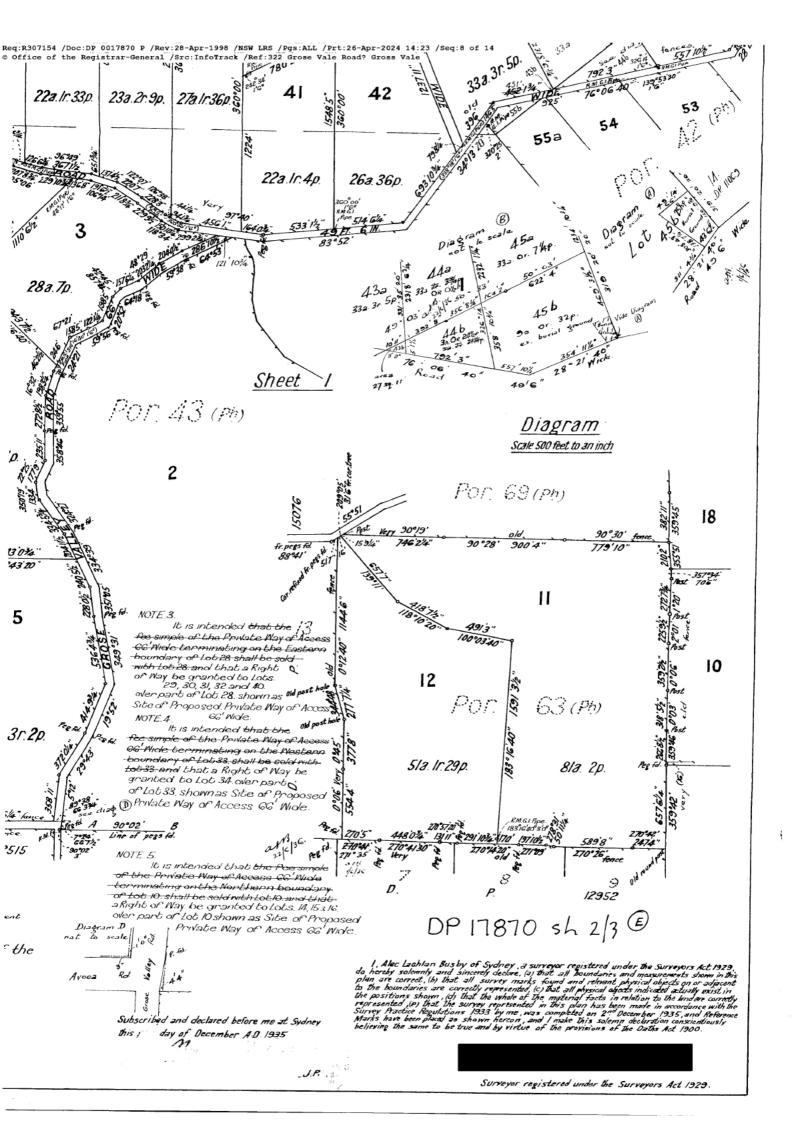
i 1

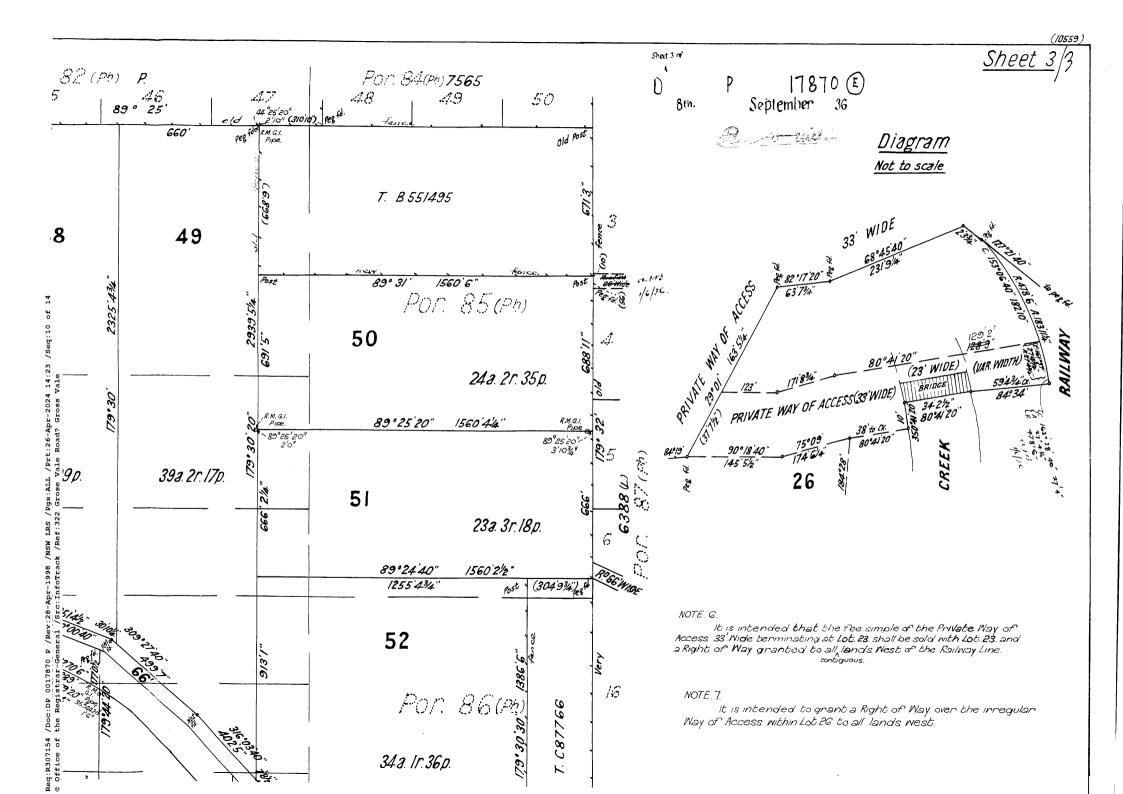
10

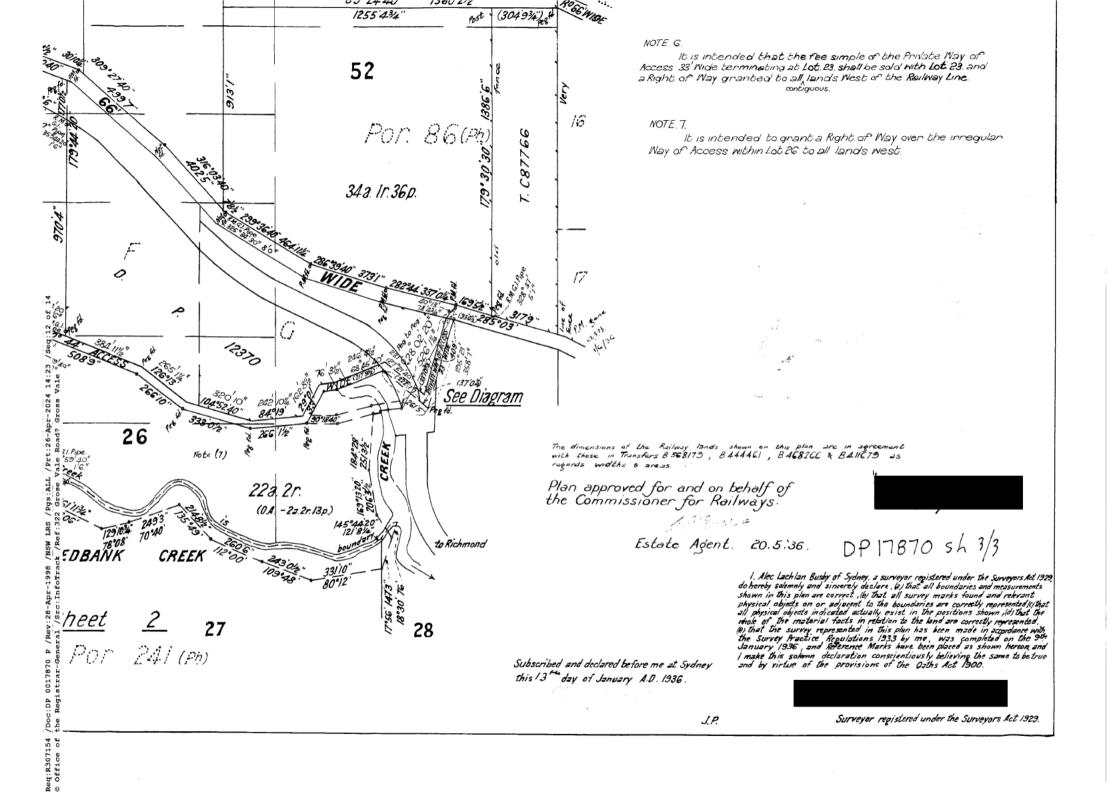
DP 17870 Shire of Colo 5h 2/3 (E) **PLAN** C423621 (3 sheets) 31 3 36 of subdivision of the land in Cert. of Title Vol. 4172 Parish of Kurrajong _ Coul Scale 500 feet to an inch. 3 Sheet See Redbank 24 27 RA 29 37a. 2r. 12p. (0A. 3ac.) 20 21 3413 24a.22p.ex.Rly. 22 Ö. 35 34 241 (Ph) 25a. 18p. 25a.32p. 328 3r.4p 278.21.270. 2/8/23/ 17 23a 3r 20p. 36 37 38 16 223.1r.7p. 18 3/ac. 23a.2r.9p. 22a.lr.33p. 278.15 15 Por 33a.2r.16p. 14















NEW SOUTH WALES

REAL PROPERTY ACT, 1900

14602 131EDITIONISSUED

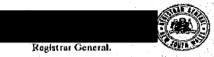
> 23 П - 1981

Appln Nos.7816 and 10181

Prior Title Vol.5843 Fol. 12

14602

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



ESTATE AND LAND REFERRED TO

Estate in Fee Simple in Lots 19 to 22 inclusive, 24,26 to 42 inclusive and Lots 43A,44A and 45A in Deposited Plan 1787O in the Shire of Hawkesbury Parish of Kurrajong and County of Cook being part of Portions 43 and 241 seperately granted to Archibald Bell on 1-1-181O, part of Portion 86 granted to Thomas Blady on 5-4-1821 and part of Portions 71,72 and 73 seperately granted to William Harrington on 29-10-1834. EXCEPTING THEREOUT the railway shown in the plan hereon.

FIRST SCHEDULE

KEMSLEY PASTORAL CO. PTY. LIMITED.

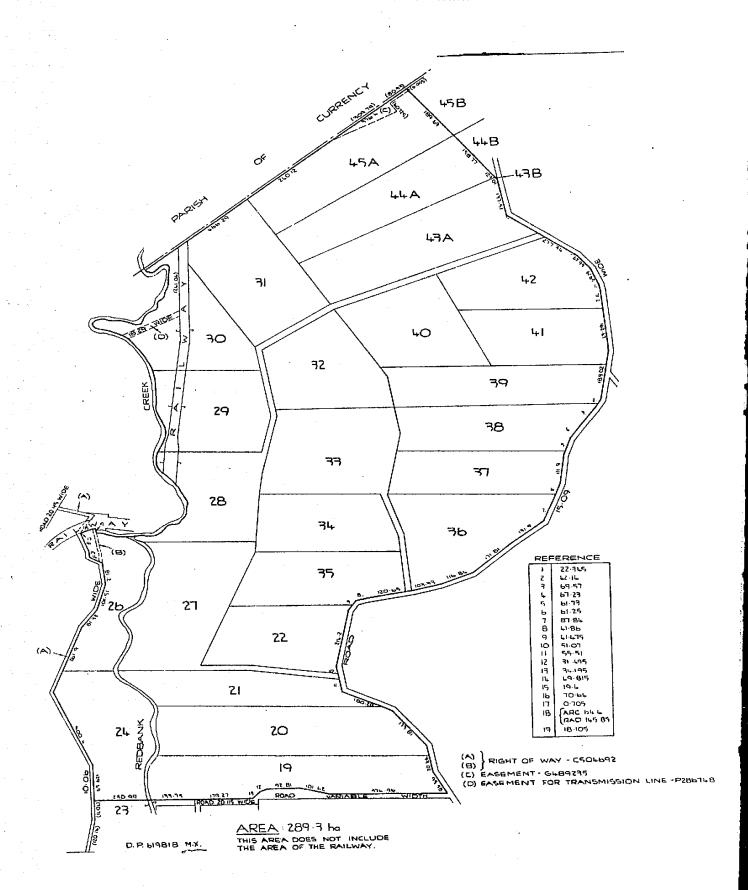
SECOND SCHEDULE

- Reservations and conditions, if any, contained in the Crown Grants above referred to.
 C504692 Right of way appurtenant to Lots 24 and 26 above described affecting the part shown so burdened in the plan hereon and designated (A).
- Right of way affecting the land shown so burdened in the plan hereon and
- C504692 designated (B).
 Easement affecting the part of the land above described shown on sheet E
- F452889 of plan annexed to F452889.
- Easement affecting the land shown so burdened in the plan hereon. G489235
- N417194
- Mortgage to The Commercial Banking Company of Sydney Limited. Easement for transmission line affecting the land shown so burdened in P286748 the plan hereon.



PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



	TID OF CCURDIT 17 /	manuscript mass tradition community and tradition for the
	FIRST SCHEDULE (continued) REGISTERED PROPRIETOR	Registrar General
This folio is cancelled as to formputer folios for lots / to /adhovementioned plan.	upon creation The residue of land in this folio comprises upon creation	
	reacon.	
As to residue this Deed is cancelled and New Certif Vol. 15445 Fol. 179 dat Vide DP739354	icate of Title issued, ed (0.2.1957	
	SECOND SCHEDULE (continued)	
	PARTICULARS Registrar G	eneral CANCELLATION
	NOTATIONS AND UNREGISTERED DEALINGS	
	NOTATIONS AND UNICOSTERUS DEADLINGS	
DP 738354A		

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

(Page 1) Vol..

IFICATE OF TITLE

PROPERTY ACT, 1900





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

W

1987

First Title Old System

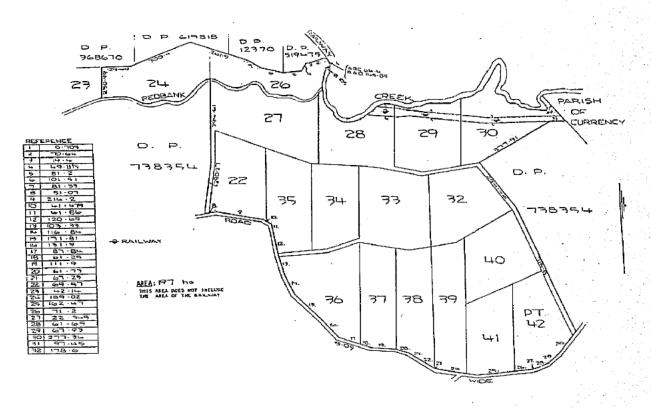
Prior Title Vol. 14602 Fol. 131

I certify that the person named in the First Schedule is the registered proprietor of an estate in fee simple (or such other estate or interest as is set out below) in the land described subject to the recordings appearing in the Second Schedule and to the provisions of the Real Property Act, 1900.

Registrar General.

PLAN SHOWING LOCATION OF LAND

LENGTHS ARE IN METRES



Follow Kell a Warma LAND REFERRED TO

Lots 22, 24, 26 to 30 inclusive 32 to 41 inclusive and the part of Lot 42 in DP17870 shown in the plan hereon at North Richmond in the Shire of Hawkesbury Parish of Kurrajong County of Cook.

FIRST SCHEDULE

KEMSLEY PASTORAL CO. PTY. LIMITED.

SECOND SCHEDULE

- 1. Reservations and conditions in the Crown grant.
- Excepting the railway shown in the plan hereon.
- C504692 Right of way appurtenant to Lots 24 and 26 above described affecting the land shown as "private way of access" in DP17870.
 C504692 Right of way affecting the part of the land above described shown as "private"
- way of access" in DP17870.
- F452889 Easement for transmission line affecting the part of the land above described shown as "easement 30.48 and variable width" in plan with F452889 (Sheet E).
- N417194 Mortgage to National Australia Bank Limited.
- 7. P286748 Easement for transmission line affecting the part of the land above described shown as "18.29 wide" in plan with P286748.

MIT SHAPE LO. 55	T 15445-179 CT /Rev:22-Dec-2010 /NSW LRS /Pgs:ALL /Prt:26-Apr-2024 14:24 gistrar-General /Src:InfoTrack /Ref:322 Grose Vale Road? Gross Vale Vol	#. 1'01t.(/	
	FIRST SCHEDULE (continued) REGISTERED PROPRIETOR		Registrar Genera
	1 781792		
	POL 10 CANCELLED - NEW FOLIO 15 22,24)/14840 Duled: 10:10:1988 32-41		
	Daked: 10.10.1988 32-41)		
	SECOND SCHEDULE (continued)		
<u>de la companya da da</u>	PARTICULARS	Registrar General	CANCELLATIO
			!
	NOTATIONS AND UNREGISTERED DEALINGS		
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Historical Title



NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE

-----26/4/2024 2:20PM

FOLIO: 26/1042890

First Title(s): OLD SYSTEM

Prior Title(s): 22/17870 28/17870 1/863663

33-35/17870

7/864424

Recorded	Number	Type of Instrument	C.T. Issue
29/7/2002	DP1042890	DEPOSITED PLAN	FOLIO CREATED EDITION 1
8/11/2007	AD412364	TRANSFER	
22/12/2008	DP1134164	DEPOSITED PLAN	
7/9/2012	АН223707	DISCHARGE OF MORTGAGE	EDITION 2
13/4/2016	DP1199659	DEPOSITED PLAN	
19/5/2016	AK442218	DEPARTMENTAL DEALING	EDITION 3
13/4/2018	AN258498	LEASE	EDITION 4
22/10/2018	DP1237271	DEPOSITED PLAN	FOLIO CANCELLED

*** END OF SEARCH ***